INTERFLUG

Flugbetriebsdokumentation
Verkehrsflug

Betriebsdatenhandbuch TU-134

BDH-134

Exemplar-Nr.:

Titel: Betriebsdatenhandbuch TU-134
ИНСТРУКЦИЯ ПО ЭКСПЛУАТАЦИОННЫМ
ДАННЫМ САМОЛЕТА ТУ- 134

Operational Data Manual Aircraft TU-134

Erarbeitet: Betriebsteil Flugbetrieb,
Abteilung Flugtechnologie,
Gruppe Flugbetriebsdokumentation

Verbindlich ab 01.02.1976 für die Mitarbeiter
des Betriebsteils Flugbetrieb der INTERFLUG.

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Direktor

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Änderungsverzeichnis

Dieses Handbuch ist durch die sofortige Einarbeitung aller Änderungen stets auf dem neuesten Stand zu halten. Nach jeder Revision ist die entsprechende Eintragung in nachstehender Tabelle vorzunehmen. Jede Sendung ist anhand der Änderungsmitteilung auf Vollständigkeit zu überprüfen.
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Nr. der Änderungs-mitteilung	Ordnungs-Nummer	geändert am	geändert durch
1	MB-134(A)-4/2	17.8.76	Pe
2	-4/3	28.9.76	Pe
3	-4/4	28.5.76	Pe
4	-4/5	10.1.77	Pe.
5	-4/6	19.4.77	Pe.
6	-4/7	19.4.77	Pe
7	-4/8	24.5.77	Ka
8	-4/9	28.7.77	Pe.
9	-4/10	15.9.77	Pe.
10	-4/11	24.2.78	Pe
11	-4/12	24.7.78	Pe
12	-4/13	26.2.79	Pe
13	-4/14	26.2.79	Pe
14	-4/15	4.7.79	Pe.
15	-4/16	26.2.80	Pe.
16	-4/17	20.8.80	Pe.
17	-4/18	7.11.80	Pe.
18	4/19	23.7.81	Pe.
19	4/20	15.3.82	Pe
20	4/21	17.6.82	Pe
21	4/22	19.8.82	Pe
22	4/23	4.10.82	Pe.
23	4/24	8.8.83	Pe.
24	4/25	23.5.84	Pe
25	4/26	13.9.84	Pe.

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Nr. der Änderungs-mitteilung	Ordnungs-Nummer	geändert am	geändert durch
26	4/27	5.11.84	Pe.
27	4/28	25.4.85	Pe
28	4/25	24.7.85	Pe.
29	4/30	25.2.86	Pe
30	4/31	29.8.86	Pe.
31	4/32	6.8.87	Pe.
32	4/33	11.10.88	[illegible]
33	4/34	1.7.89	Pe.
34	4/35	8.7.90	Pe.
35	4/36	16.5.90	[illegible]
36			
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PE 233/Mo

Flugbetriebsdokumentation

Änderungsmitteilung:

Nr. 27/BDH-134
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NB-TU-134A-4/28

Punkte in der Spalte "VORGANG" bedeuten, das betreffende Blatt im Handbuch ist gegen das beigefügte Blatt gleicher Nummer auszuwechseln. Alle anderen Blätter wie angegeben einfügen (EINF.) oder vernichten (VERN.). Danach Änderungsverzeichnis abzeichnen.

VORGANG	NUMMER DES BLATTES	GRUND DER ÄNDERUNG	GÜLTIG AB:
...	2.2.1. S. 1-2		
...	3.2. S. 1-2		
...	3.2. S. 3-4		
...	3.2. S. 15-16		
...	3.3. S. 1-2		
...	4.1. S. 1-4		
EINF.	4.1. S. 5		
VERN.	4.3. S. 1-155		
EINF.	4.3. S. 1-139		

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DE FBI: 424/85/da FBI

[redacted] Ritter

Flugbetriebsdokumentation

Änderungsmitteilung:

Nr. 28/BDH-134
Ordnungs-Nr.: NB-TU-134-4/29
NB-TU-134A-4/29

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VORGANG	NUMMER DES BLATTES	GRUND DER ÄNDERUNG	GÜLTIG AB:
...	2.2.1. S. 1-2		
...	2.2.1. S. 6		
...	2.2.3. S. 1-2		
...	3.1. S. 1-6		
...	3.2. S. 1-16		
EINF.	3.2. S. 17		
...	3.3. S. 7-8		
...	11-12		
...	4.1. S. 3-4		
...	4.3. S. 31-32		
	33-34		
VERN.	4.3. S. 139		
EINF.	4.3. S. 139-140		

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1. AUSGANGSDATEN

Tab. 2.2.1/1

Version	A/C Registr. DDR-	Factory No.	C/G % MAC	Basic-Index	Basic-Weight [kg]	Max.T/O Weight [t]	Center-fuel-tank	Pass.	Number of seats Crew Cockpit	Cabin
134 N	SCB	0503	46,21	46,19	27940	45	-	72	5	3
	SCF	0905	45,22	45,09	27778		+		6	
	SCG	0912	46,52	46,34	27602		-			
	SCZ	0913	44,44	44,50	28312		+			
134 AN	SCK	1304	41,90	41,95	29134	49		76		
	SCL	1305	40,78	40,94	29463					
134 A	SCI	1903	43,58	43,52	28857		-		4	
	SCN	2102	41,90	41,94	29089					
	SCO	2106	42,46	42,55	29212		+			
	SCP	2205	42,27	42,23	28889					
	SCR	2206	43,51	43,47	28880					
	SCS	2207	42,65	42,76	29283					
	SCT	08068	43,53	43,36	28625					
	SCU	09070	43,72	43,59	28693		-			
	SCV	12095	43,82	43,84	29020					
	SCW	31218	42,12	42,03	28768		+			
	SCX	48320	41,36	41,30	28824		-			
	SCY	60495	44,23	44,16	28834					
	SDC	35180	43,04	42,96	28801					
	SDE	38040	43,30	43,23	28836					
	SDF	40150	43,34	43,30	28903					
	SDG	46155	39,40	39,58	29642	47		34		4
	SDH	46300	38,99	38,65	29782	49		41		2
	SDI	48560	41,28	41,47	29533					
	SDK	49900	39,00	39,25	29942		+	34		4
	SDL	60108	39,90	40,15	29822					
	SDM	60435	38,40	38,62	29884					
	SDN	60612	37,30	37,50	29955					
	SDO	62250	37,30	37,51	29974					
	SDP	63260	38,80	39,08	30050					
	SDR	63967	38,90	39,16	29928					
	SDS	63952	38,90	39,16	29928					
	SDT	63998	40,50	40,78	29877					
	SDU	66135	40,50	40,78	29877					

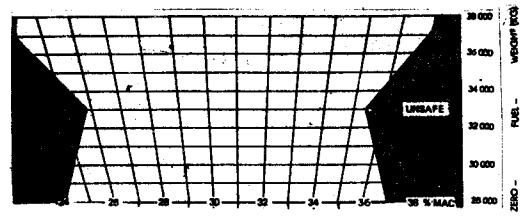
2. BEGRENZUNGEN

2.1. Schwerpunktlage

2.1.1. TU-134A ohne Zusatzbehälter

Die Begrenzungen entsprechend Abb. 2.2.1/1 sind für die Flugzeuge DDR-SCI, DDR-SCT, DDR-SCU, DDR-SCV und DDR-SCX gültig.

Abb. 2.2.1/1

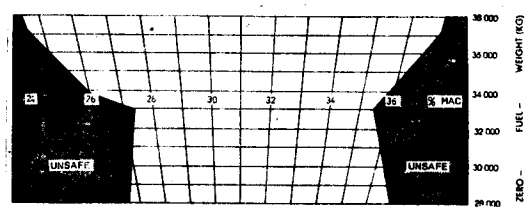


Schwerpunktlagen im grauen Bereich sind nicht zulässig.

2.1.2. TU-134A mit Zusatzbehälter

Die Begrenzungen entsprechend Abb. 2.2.1/3 sind für alle 134 A außer DDR-SCI, DDR-SCT, DDR-SCU, DDR-SCV und DDR-SCX gültig.

Abb. 2.2.1/3

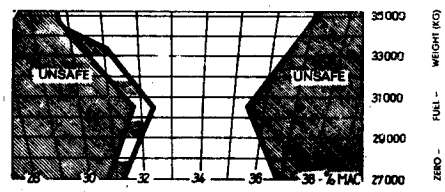


Schwerpunktlagen im grauen Bereich sind nicht zulässig.

2.1.3. TU-134N ohne Zusatzbehälter

Die Begrenzungen entsprechend Abb. 2.2.1/4 sind für die Flugzeuge DDR-SCB, DDR-SCE und DDR-SCG gültig

Abb. 2.2.1/4

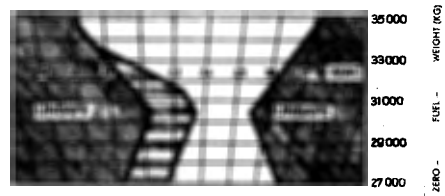


Schwerpunktlagen im grau-weißen Bereich sind zulässig, wenn die Kraftstoffmasse kleiner als 10,3 t ist. Schwerpunktlagen im grauen Bereich sind unzulässig.

2.1.4. TU-134N mit Zusatzbehälter

Die Begrenzungen entsprechend Abb. 2.2.1/5 sind für die Flugzeuge DDR-SCF und DDR-SCZ gültig.

Abb. 2.2.1/5



Schwerpunktlagen im grau-weißen Bereich sind zulässig, wenn die Kraftstoffmasse kleiner als 10,3 t ist. Schwerpunktlagen im grauen Bereich sind unzulässig.

2.2. Massen

Konstruktive Begrenzungen

Tab. 2.2.1/2

Höchstzulässige Werte für	TU-134 N [t]	TU-134A [t]
Zero-fuel-weight	37	39
Landemasse	40	43
Startmasse	45	s. Tab. 2.2.1/1
Rollmasse	Startmasse + 0,2	
Kraftstoffmasse	13,2 x)	

x) Flugzeuge mit Zusatzbehälter (s. Tab. 2.2.1/1) - 14,4 t

3. STANDSICHERHEIT UND BELADUNG

Zur Gewährleistung der Standsicherheit des Flugzeuges sind die in Tab. 2.2.1/4 angegebenen zulässigen Beladungen des hinteren Frachtraumes bei der entsprechenden Zuladung im vorderen Frachtraum einzuhalten.

Tab. 2.2.1/4

		Zulässige Last [kg] im hinteren Laderaum in Abhängigkeit von der Leerschwerpunktlage und der Last im vorderen Laderaum (leere Kraftstoffbehälter, Lasten in den Laderäumen gleichmäßig verteilt, keine Lasten in den anderen Räumen des Flugzeugs, Schwerpunktlage ≤ 49 % MAC)										
		134 A						134 N				
Leerschwerpunktlage [% MAC]		40	41	42	43	44	45	43	44	45	46	47
Last im vorderen Laderaum [kg]	0	1650	1450	1300	1100	900	750	1050	900	700	500	350
	100	1850	1700	1500	1300	1100	950	1250	1100	850	700	550
	200	2000	1900	1650	1500	1350	1150	1450	1300	1050	900	750
	300	2200	2000	1850	1700	1500	1350	1650	1500	1300	1100	950
	400	2550	2350	2050	1900	1700	1550	1850	1650	1500	1300	1150
	500	2700	2550	2300	2000	1900	1750	2050	1900	1650	1500	1300
	600	2700	2700	2500	2350	2150	2000	2200	2050	1850	1650	1500
	700	2700	2700	2700	2500	2350	2200	2250	2200	2100	1850	1700
	800	2700	2700	2700	2700	2550	2400	2250	2250	2200	2050	1900
	900	2700	2700	2700	2700	2700	2600	2250	2250	2250	2200	2100
	1000	2700	2700	2700	2700	2700	2700	2250	2250	2250	2250	2250

1. MACHZAHL UND IAS DER GRÖSSTEN REICHWEITE BEI WINDSTILLE

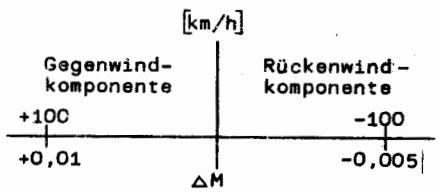
Tab. 2.2.3/1

Flug-masse [t]	Flugfläche 270		290		310		330		350		370		390	
	M	IAS	M	IAS	M	IAS	M	IAS	M	IAS	M	IAS	M	IAS
47	0,710	528	0,716	511	0,722	495	0,728	478	0,734	461				
46	0,703	522	0,710	507	0,717	491	0,724	475	0,731	459				
45	0,696	517	0,704	502	0,712	488	0,720	472	0,728	457	0,732	439	—	
44	0,689	511	0,698	498	0,707	484	0,716	470	0,725	455	0,730	437		
43	0,681	506	0,692	493	0,702	480	0,712	467	0,722	453	0,728	436		
42	0,674	500	0,685	489	0,697	477	0,708	464	0,719	451	0,726	435		
40	0,660	489	0,673	480	0,687	469	0,700	459	0,713	447	0,722	432	0,728	415
38	0,646	478	0,661	471	0,676	462	0,692	453	0,707	443	0,719	430	0,726	414
36	0,632	467	0,649	462	0,666	455	0,684	447	0,701	439	0,715	427	0,724	413
34	0,618	456	0,637	452	0,656	448	0,676	442	0,695	435	0,711	425	0,723	411
32	0,604	445	0,625	443	0,646	440	0,668	436	0,689	431	0,707	422	0,721	410

2. MACHZAHL DER GRÖSSTEN REICHWEITE UNTER WINDBERÜCKSICHTIGUNG

Die Machzahlen der Tab.2.2.3/1 sind gemäß Abb.2.2.3/1 um den Einfluß des Windes zu korrigieren.

Abb.2.2.3/1



3. UMRECHNUNG MACHZAHL - IAS (für 6 mm starke Meßplatten)

Tab. 2.2.3/2

		IAS [km/h]															
	M	0,63	0,64	0,65	0,66	0,67	0,68	0,69	0,7	0,71	0,72	0,73	0,74	0,75	0,76	0,78	0,81
H [m]	6000	541	550	559	568	577	586	595	605								
	6400	527	536	545	553	562	571	580	588	598	606						
	6600	520	528	537	546	554	563	572	581	589	598	607					
	6700	516	525	534	542	551	559	568	577	586	594	603					
	7000	506	514	523	531	540	548	557	566	574	582	591	600				
	7200	499	508	516	524	533	541	550	558	566	575	583	592	600			
	7300	496	504	513	521	529	538	546	554	563	571	579	588	596	605		
	7600	486	494	502	510	519	527	535	543	551	559	568	576	585	593	609	
	7800	479	487	495	503	511	520	528	536	544	552	560	568	577	585	601	
	7900	477	484	492	500	508	516	524	532	540	548	556	564	573	581	597	
	8250	465	474	480	488	496	504	512	519	527	535	543	551	559	567	583	607
	8550	456	464	471	479	485	493	501	509	516	524	532	540	548	555	571	592
	8600	454	462	469	477	483	491	499	507	514	522	530	538	546	553	569	593
	8850	446	454	461	469	476	483	491	498	505	513	521	528	536	543	559	582
	9450	427	435	442	449	456	464	471	477	484	492	499	506	514	521	536	558
	9600	424	430	437	444	451	459	466	473	480	486	494	501	508	515	530	552
	10050	410	417	424	429	436	444	451	458	465	472	478	485	492	499	513	535
	10100	408	415	422	427	434	442	449	456	463	470	476	483	490	497	511	533
	10600	393	400	406	413	420	426	432	439	445	452	459	465	472	478	492	512
	10650	392	399	405	412	419	425	431	438	444	451	458	464	471	477	491	511
	11300	373	379	385	392	398	405	411	418	424	430	436	442	449	456	468	487
	11600	365	371	377	383	389	396	402	409	415	421	427	433	439	446	458	477
	11900	357	363	369	375	380	387	393	399	405	411	418	424	429	435	448	467
	12000	354	360	366	372	378	384	390	396	402	408	414	421	426	432	444	463
	12100	351	357	363	369	375	381	387	393	399	405	411	418	423	429	441	460

1. ALLGEMEINES

Die Richtwertbetankung ist im FBH definiert; sie dient langfristigen Vorflugplanungen und ist deshalb in erster Linie für kommerzielle Bereiche vorgesehen.
Die Berechnung erfolgte mit Hilfe der Nomogramme des FZH-134, wobei für bestimmte Parameter Mittelwerte angenommen wurden. Aus diesem Grunde wird die unter den aktuellen Bedingungen berechnete Mindestbetankung vom Richtwert abweichen.
Die Richtwertbetankung wurde für die Variante 134 A errechnet. Bei der Anwendung für 134 N treten Abweichungen nach der sicheren Seite auf.

2. ERLÄUTERUNGEN ZU DEN BETANKUNGSTABELLEN UNTER 3.2.

Spalten	Bemerkung
② ⑥ ⑩	Definitionen siehe FBH.
③ ④	Angenommene Temperatur zur Bestimmung einer rechnerischen Startmasse (Landemasse für den Fall, daß sie eine Nutzlastbeschränkung zur Folge hat).
⑤	Zugrunde gelegte Machzahl (Ausnahme: Kurzstrecken).
⑦	Kraftstoffverbrauch vom Start- zum Zielflugplatz (ohne Anlassen und Rollen).
⑧	Der Reserveberechnung zugrunde gelegter, jedoch nicht vorgeschriebener Ausweichflugplatz.
⑨	Festlegung der Entfernung analog zu ②.
⑪	Gesamtkraftstoffreserve Gesamtkraftstoffreserve für Flugstrecken mit einer normativen Flugzeit bis zu 3 Stunden und für Flugstrecken, für die ein Streckenausweichflugplatz existiert, sind 5 % Streckenreserve für Planungszwecke angegeben. Für alle übrigen Flugstrecken wurden 10 % Streckenreserve berechnet. Diese Streckenreserve ist nur für die langfristige Vorausplanung anzuwenden. Die unter aktuellen Bedingungen erforderliche Streckenreserve wird nach FZH 5.2.2. bestimmt.
⑫	Die Richtwertbetankung ist die Summe aus ⑪ und ⑦. Für Anlassen, Rollen und Betrieb der Hilfsenergieanlage sind 200 kg zuzuschlagen, die jedoch nicht zur Startmasse zählen.
⑬ ⑭	Dient der Nutzlastvorkalkulation durch kommerzielle Bereiche.
⑮	Rückenwindannahmen sind ohne, Gegenwindannahmen mit negativem Vorzeichen dargestellt.

3. ERLÄUTERUNGEN ZU DEN TABELLEN DER AUSWEICHFLUGPLÄTZE UNTER 3.3.

Grundsätzliche Festlegungen für die Wahl von Ausweichflugplätzen enthält das FBH (2.6.3.1.2.3.). Den Richtwertbetankungstabellen wurden Ausweichflugplätze zugrunde gelegt, die sich in der Praxis als günstig bzw. geeignet erwiesen haben. Um die operative Planung von Ausweichflugplätzen unter den aktuellen Bedingungen zu erleichtern, wurden in Tabelle 3.3/1 für eine Reihe ausgewählter Zielflugplätze alle in Frage kommenden Ausweichplätze zusammengestellt, die in der Regel nur nach ihrer Entfernung geordnet sind. Bei der Aufstellung dieser Liste wurde diplomatischen, verkehrspolitischen und kommerziellen Aspekten keine Beachtung geschenkt. Die aktuellen Einschränkungen der Benutzbarkeit eines Flugplatzes sind in jedem Falle vor Antritt des Fluges einer Überprüfung zu unterziehen.
Die erforderlichen Kraftstoffreserven (ohne Zuschlag der Streckenreserve und ohne Berücksichtigung des Windes auf der Strecke vom Ziel- zum Ausweichplatz) in Abhängigkeit von der Entfernung des Ausweichplatzes enthält Tab. 3.4/1.

3. ALPHABETISCHES FLUGSTRECKENVERZEICHNIS

Strecke	Seite/Pos.	Strecke	Seite/Pos.
Rhodos - Berlin	15/7	Thesaloniki - Berlin	12/6
Rome/Fiu. - Berlin	14/11	Tirana - Budapest	11/11
Rome/Ciamp. - Berlin	16/2		
Salzburg - Berlin	6/14	Tripoli - Berlin	5/13
Salzburg - Dresden	4/1	Tripoli - Bratislava	2/14
		Tripoli - Tunis	7/4
		Tunis - Berlin	11/9
		Tunis - Bratislava	3/2
		Tunis - Tripoli	7/4
Sofia - Berlin	10/11		
Sofia - Bucharest	7/1		
Sofia - Budapest	2/3		
Sofia - Burgas	2/10	Varna - Beirut	2/13
Sofia - Dresden	4/10	Varna - Berlin	10/13
Sofia - Leipzig	17/5	Varna - Burgas	1/5
Sofia - Prague	6/12	Varna - Cairo	16/3
Sofia - Varna	15/14	Varna - Dresden	11/1
Split - Berlin	10/9	Varna - Erfurt	11/3
		Varna - Paphos	3/10
		Varna - Sofia	15/14
		Vienna - Berlin	14/13
Stockholm - Berlin	12/13	Vienna - Dresden	4/12
Stockholm - Copenhagen	7/3	Vienna - Leipzig	15/1
Stockholm - Helsinki	5/8		
Stockholm - Leipzig	13/3		
		Warsaw - Berlin	8/5
		Warsaw - Leipzig	6/6
Stuttgart - Berlin	2/12	Warsaw - Leningrad	6/7
Stuttgart - Leipzig	6/5	Warsaw - Moscow/Svo.	7/5
		Warsaw - Moscow/Vko.	16/9
Tatry - Berlin	8/8	Zagreb - Belgrade	1/6
Tatry - Dresden	8/10	Zagreb - Berlin	9/12
Tatry - Erfurt	5/5	Zagreb - Leipzig	10/5
		Zurich - Berlin	14/3
		Zurich - Leipzig	14/5

	Startflugpl.- Zielflugplatz / ICAO - Code/ IATA - Code	Navigat. Flugstreckenlänge [km]	OAT [°C]	Max.Start- (Lande-)masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoffreserve [t]	Richtwertbetankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Bucharest-Burgas	400	30	49,0	0,76	0:45	2,4	LBWN	130	0:13	2,8	5,2	39,0	44,2 41,8	
	LBBG/BOJ-LROP/BUH	400	30	49,0	0,76	0:45	2,5	LBWN	400	0:36	3,7	6,2	39,0	45,2 42,7	
2	Burgas-Beirut	1270	30	49,0	0,76	1:46	5,2	LCLK	220	0:21	3,2	8,4	39,0	47,4 42,2	
	OLBA/BEY-LBBG/BOJ	1290	30	48,8	0,76	1:57	5,7	LBWN	130	0:13	2,9	8,6	39,0	47,6 41,9	
3	Burgas-Damaskus	1550	28	49,0	0,76	2:19	6,2	OJAM	450	0:36	3,9	10,1	38,9	49,0	
								LCLK	650	0:54	4,7	10,9	38,1	42,8	
	OSDI/DAM-LBBG/BOJ	1590	30	47,6	0,76	2:34	6,6	LBWN	130	0:09	2,9	9,5	38,1	47,6 41,0	Start 23L
4	Budapest-Bucharest	670	30	47,2	0,76	1:04	3,3	LRCK	210	0:20	3,1	6,4	39,0	45,4 42,1	
	LROP/BUH-LHBP/BUD	680	30	49,0	0,76	1:05	3,3	LKIB	200	0:19	3,1	6,4	39,0	45,4 42,1	
5	Varna-Burgas	130	30	43,8	0,48	0:22	1,5	LBWN	130	0:13	2,7	4,2	39,0	43,2 41,7	
	LBBG/BOJ-LBWN/VAR	130	30	48,8	0,48	0:22	1,5	LBBG	130	0:13	2,7	4,2	39,0	43,2 41,7	
6	Zagreb-Belgrade	340	30	48,9	0,7	0:36	2,2	LYZA	440	0:39	3,8	6,0	39,0	45,0 42,8	
							2,1	LYSA	270	0:25	3,3	5,4	39,0	44,4 42,3	
7	LYBE/BEG-LYZA/ZAG	440	30	49,0	0,76	0:44	2,4	LYLJ	180	0:18	3,0	5,4	39,0	44,4 42,0	
8	Dresden-Copenhagen	610	20	46,2	0,76	0:57	3,1	ESGG	250	0:23	3,2	6,3	39,0	45,3 42,2	
	EKCH/CPH-ETDN/DRS	590	25	49,0	0,76	0:55	3,0	ETBS	260	0:24	3,3	6,3	39,0	45,3 42,3	
9	Copenhagen-Helsinki	1000	30	49,0	0,76	1:30	4,4	EFTP	150	0:15	2,9	7,3	39,0	46,3 41,9	
	EFHK/HEL-EKCH/CPH	1030	25	49,0	0,76	1:32	4,6	ETBS	460	0:40	4,0	8,6	39,0	47,6 43,0	
10	Dresden-Constanta	1520	15	48,1	0,76	2:08	6,1	LROP	240	0:23	3,3	9,4	38,7	48,1 42,0	
			20	45,2			5,8	LROP			3,2	9,0	36,2	45,2 39,4	
11	LRCK/CND-ETDN/DRS	1540	30	49,0	0,76	2:10	6,3	ETBS	260	0:24	3,4	9,7	39,0	48,7 42,4	
12	Larnaca-Damaskus	620	30	46,4	0,76	1:10	3,1	OJAI	430	0:38	3,8	6,9	39,0	45,9 42,8	
13	OSDI/DAM-LCLK/LCA	640	30	47,6	0,76	1:16	3,4	LGRP	590	0:50	4,3	7,7	38,7	46,4 43,0	
							3,3	OSAP	410	0:37	3,8	7,1	39,0	46,1 42,8	
14	Beirut-Damaskus	840	30	48,8	0,76	1:15	3,8	LCLK	780	1:03	4,8	8,6	38,2	46,8 43,0	
	OSDI/DAM-OLBA/BEY	830	30	47,1	0,76	1:19	3,9	LCLK		0:21	3,2	7,1	39,0	46,8 42,2	

	Startflugpl.- Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flug-streckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl.[km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoff-reserve [t]	Richtwertbe-tankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Paphos-Beirut	390	30	45,9	0,7	0:42	2,4	LCLK	260	0:25	3,2	5,6	39,0	44,6 42,2	
	OLBA/BEY-LCPH/PFO	420	30	46,4	0,7	0;45	2,5	LGRP	500	0:44	4,0	6,5	39,0	45,5 43,0	
2	Budapest-Sofia	760	30	48,8	0,76	1:11	3,6	LBWN	390	0:35	3,7	7,3	39,0	46,3 42,7	
							3,6	LROP	350	0:32	3,6	7,2	39,0	46,2 42,6	
3	LBSF/SOF-LHBP/BUD	820	20	46,1	0,76	1:16	3,8	LROP	350	0:32	3,6	7,4	38,7	46,1 42,3	
			30	43,4			3,7	LROP			3,5	7,2	36,2	43,4 39,7	
4	Berlin-Graz	740	25	49,0	0,76	1:10	3,6	LOWW	200	0:19	3,1	6,7	39,0	45,7 42,1	
5	LOWG/GRZ-ETBS/SXF	690	20	46,2	0,76	1:05	3,3	ETDN	220	0:21	3,1	6,4	39,0	45,5 42,1	
			25	44,7				ETDN					38,3	44,7 41,4	
6	Berlin-Hamburg	600	25	49,0	0,76	0:56	3,0	EDVV	190	0:19	3,0	6,0	39,0	45,0 42,0	
	EDDH/HAM-ETBS/SXF	580	25	48,7	0,76	0:55	3,0	ETDN	220	0:22	3,1	6,1	39,0	45,1 42,1	
7	Berlin-Klagenfurt	840	25	49,0	0,76	1:18	3,9	LYLJ	140	0:14	2,9	6,8	39,0	45,8 41,9	
	LOWK/KLU-ETBS/SXF	810	20	45,9	0,76	1:15	3,8	ETDN	220	0:21	3,1	6,9	39,0	45,9 42,1	
8	Berlin-Lvov	1050	25	49,0	0,76	1:20 (1:34)*	4,1	UKBB	530	0:45	4,2	8,3	38,8	47,1 43,0	
		900*													* für LDZ-JED
9	UKLL/LWO-ETBS/SXF	994	20	46,9	0,76	1:16 (1:30)*	3,8	ETDN	220	0:21	3,2	7,0	39,0	46,0 42,2	
		840*									3,1				
10	Burgas-Sofia	460	30	48,8	0,76	0:48	2,6	LROP	350	0:32	3,6	6,2	39,0	45,2 42,6	
	LBSF/SOF-LBBG/BOJ	460	30	43,4	0,76	0;48	2,5	LBWN	130	0:13	2,8	5,3	38,1	43,4 40,9	
11	Berlin-Stuttgart	730	25	49,0	0,76	1:09	3,5	EDDF	260	0:25	3,3	6,8	39,0	45,8 42,3	
								LSZH	160	0:16	2,9	6,4	39,0	45,4 41,9	
12	EDDS/STR-ETBS/SXF	720	15	42,6	0,76	1:08	3,3	ETDN	220	0:21	3,0	6,3	36,3	42,6 39,3	
			20	41,6				ETDN					35,3	41,6 38,3	
13	Beirut-Varna	1300	30	44,1	0,76	1:52	5,1	LCLK	260	0:24	3,2	8,3	35,8	44,1 39,0	
	LBWN/VAR-OLBA/BEY	1350	30	47,4	0,76	1:57	5,6	LBBG	130	0:13	2,9	8,5	38,9	47,4 41,8	
14	Bratislava-Tripoli	2090	25	49,0	0,76	2:49	7,9	DTTJ	310	0:28	3,6	11,5	37,5	49,0	
								LMML	530	0:45	4,2	12,1	36,9	41,1	
	HLLT/TIP-LKIB/BTS	2060	30	49,0	0,76	2:47	7,8	LHBP	240	0:23	3,4	11,2	37,8	49,0 41,2	

	Startflugpl.- Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flugstreckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoffreserve [t]	Richtwertbetankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Burgas-Cairo	1540	30	48,8	0,76	2:07	6,2	HELX	510	0:44	4,1	10,3	38,5	48,8 42,6	t_{Flug} = 2:16 bei M = 0,7
	HECA/CAI-LBBG/BOJ	1530	35	48,5	0,76	2:17	6,6	LBWN	130	0:13	2,9	9,5	39,0	48,5	t_{Flug} = 2:48 bei M = 0,7
2	Bratislava-Tunis	1590	25	49,0	0,76	2:13	6,4	OTTM	190	0:18	3,2	9,5	39,0	48,5 42,2	
	DTTA/TUN-LKIB/BTS	1540	40	45,7	0,76	2:10	6,0	LHBP	240	0:23	3,2	9,2	36,3	45,7 39,7	
3	Berlin-Larnaca	2880	25	49,0	0,76	3:41	10,0	OLBA	290	0:27	3,5	13,5	35,5	49,0 39,0	ab LTBA u = 20 km/h (1063 km)
							10,0	LCPH	200	0:19	3,2	13,2	35,8	49,0 39,0	
4	LCLK/LCA-ETBS/SXF	2840	30	46,4	0,76	3:47	9,8	ETDN	220	0:21	3,2	13,0	33,4	46,4 36,6	bis LBWR u =-40 km/h (1039 km)
5	Berlin-Algiers	2340	25	49,0	0,76	3:04	8,6	DAOL	330	0:30	3,6	12,2	36,8	49,0 40,4	UA 15
	DAAG/ALG-ETBS/SXF	2310	30	49,0	0,76	3:02	8,5	ETDN	220	0:21	3,3	11,8	37,2	49,0 40,5	UA 15
6	Berlin-Dusseldorf	890	25	49,0	0,76	1:19	4,0	EDDK	190	0:18	3,1	7,1	39,0	46,1 42,1	
	EDDL/DUS-ETBS/SXF	920	25	49,0	0,76	1:22	4,1	ETDN	220	0:21	3,7	7,3	39,0	46,3 42,2	
7	Berlin-Frankfurt	780	25	49,0	0,76	1:12	3,6	EDDL	230	0:22	3,2	6,8	39,0	45,8 42,2	
	EDDF/FRA-ETBS/SXF	770	25	49,0	0,76	1:11	3,6	ETDN	220	0:21	3,1	6,7	39,0	45,7 42,1	
8	Larnaca-Amman	810	30	46,4	0,76	1:17	3,7	OSDI	480	0:42	4,0	7,7	38,7	46,4 42,7	u = 20 km/h Umflug Lebanon
9	OJAI/AMM-LSLK/LCA	770	30	47,0	0,76	1:19	3,8	LGRP	590	0:50	4,3	8,1	38,7	46,8 43,0	u = -40 km/h Umflug Lebanon
								OSAP	410	0:36	3,8	7,6	39,0	46,6 42,8	
10	Varna-Paphos	1170	20	47,3	0,76	1:40	4,9	LGRP	500	0:44	4,1	9,0	38,3	47,3 42,4	u = 20 km/h
	LCPH/PFO-LBWN/VAR	1160	30	45,9	0,76	1:50	5,3	LBBG	130	0:13	2,8	8,1	37,8	45,9 40,6	u = -40 km/h
11	Amman-Burgas	1780	30	47,0	0,76	2:36	7,1	LBWN	130	0:13	2,9	10,0	37,0	47,0 39,9	u = -40 km/h
	LBBG/BOJ-OJAI/AMM	1740	30	48,8	0,76	2:21	6,7	OSDI	480	0:42	4,1	10,7	38,0	48,8 42,1	u = 20 km/h
12	Larnaca-Beirut	260	30	46,4	0,58	0:32	1,9	LCLK	260	0:25	3,2	5,1	39,0	44,1 42,2	
13	OLBA/BEY-LCLK/LCA	260	30	48,8	0,58	0:32	1,9	LGRP	590	0:50	4,3	6,2	38,7	44,9 43,0	
								OSAP	490	0:43	4,0	5,9	39,0	44,9 43,0	
14	Leipzig-Athens	2110	25	45,5	0,76	2:48	7,4	LGTS	430	0:38	3,8	11,2	34,3	45,5 38,1	490 km mit u = +20 km/h
	LGAT/ATH-ETLS/LEJ	2080	30	49,0	0,76	2:51	8,0	ETBS	210	0:20	3,2	11,2	37,8	49,0 41,0	490 km mit u = -40 km/h

	Startflugpl.- Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flugstreckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoffreserve [t]	Richtwertbetankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Dresden-Salzburg	660	20	45,1	0,76	1:01	3,2	LOWW	250	0:23	3,2	6,4	38,7	45,1 41,9	
	LOWS/SZG-ETDN/DRS	650	20	44,2	0,76	1:00	3,1	ETBS	260	0:24	3,2	6,4	37,8	44,2 41,1	
2	Berlin-Dresden	220	25	49,0	0,58	0:27	1,9	ETBS	260	0:25	3,2	5,0	39,0	44,0 42,2	
	ETDN/DRS-ETBS/SXF	260	25	45,0	0,58	0:30	1,9	ETDN	220	0:21	3,1	5,0	39,0	44,0 42,1	RWY 22 m_{st}/u = 5 m/s
3	Berlin-Dubrovnik	1310	25	49,0	0,76	1:54	5,6	LYSP	280	0:26	3,4	9,0	39,0	48,0 42,4	
	LYDU/OBV-ETBS/SXF	1310	20	48,3	0,76	1:54	5,5	ETDN	220	0:21	3,2	8,7	39,0	47,7 42,4	
4	Berlin-Bratislava	520	15 25	48,1 45,2	0,76	0:52	2,8	LHBP	240	0:23	3,2	6,0	39,0	45,0 42,2	
	LKIB/BTS-ETDN/DRS	550	25	48,5	0,76	0:55	2,9	ETBS	260	0:24	3,3	6,2	39,0	45,2 42,3	
5	Dresden-Graz	600	15 25	48,1 45,2	0,76	0:58	3,0	LOWW	200	0:19	3,1	6,1	39,0	45,1 42,0	m_{st}/u = 5 m/s
6	LOGW/GRZ-ETDN/DRS	570	20	46,2	0,76	0:55	2,9	ETBS	260	0:24	3,3	6,2	39,0	45,2 42,3	
			25	44,7				ETBS			3,2	6,1	38,6	44,7 41,8	
7	Dresden-Klagenfurt	700	20	46,4	0,76	1:06	3,4	LYLJ	140	0:14	2,8	6,2	39,0	45,2 41,8	
	LOWK/KLU-ETDN/DRS	690	20	45,9	0,76	1:06	3,4	ETBS	260	0:24	3,3	6,7	39,0	45,7 42,3	
8	Dresden-Linz	520	15 25	48,1 45,2	0,76	0:52	2,8	LOWW	220	0:21	3,1	5,9	39,0	44,9 42,1	
	LOWL/LNZ-ETDN/DRS	550	25	46,0	0,76	0:55	2,9	ETBS	260	0:24	3,3	6,2	39,0	45,2 42,3	
9	Dresden-Sofia	1490	15	48,2	0,76	2:05	6,1	LROP	350	0:32	3,7	9,8	38,4	48,2 42,1	
			25	45,0			5,8	LROP			3,5	9,3	35,7	45,0 39,2	
10	LBSF/SOF-ETDN/DRS	1510	15	47,4	0,76	2:06	6,0	LKPR	200	0:19	3,2	9,2	38,2	47,4 41,4	
			30	43,4			5,7	LKPR			3,0	8,7	35,0	43,4 37,7	
11	Berlin-Burgas	1700	25	49,0	0,76	2:19	6,7	LBWN	130	0:13	2,9	9,6	39,0	48,6 41,9	über UdSSR s. 16/13
	LBBG/BOJ-ETBS/SXF	1700	30	48,8	0,76	2:19	6,7	ETDN	220	0:21	3,3	10,0	38,8	48,8 42,1	
12	Dresden-Vienna	440	25	45,2	0,76	0:46	2,5	LKIB	100	0:28	2,6	5,1	39,0	44,1 41,6	
	LOWW/VIE-ETDN/DRS	470	25	49,0	0,76	0:48	2,5	ETBS	260	0:24	3,3	5,8	39,0	44,8 42,3	
13	Erfurt-Dresden	270	15	44,6	0,58	0:33	1,9	ETBS	260	0:24	3,2	5,1	39,0	44,2 42,2	
							2,0	LKPR	400	0:36	3,7	5,7	38,9	44,6 42,6	
14	ETDN/DRS-ETEF/ERF	210	15	48,1	0,58	0:28	1,7	ETBS	320	0:29	3,4	5,1	39,0	44,1 42,4	

	Startflugpl.- Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flug-streckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoff-reserve [t]	Richtwertbe-tankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Leipzig-Dusseldorf	850	20	46,9	0,76	1:17	3,9	EDDK	190	0:18	3,1	7,0	39,0	46,0 42,1	
	EDDL/DUS-ETLS/LEJ	870	25	49,0	0,76	1:18	4,0	ETBS	210	0:20	3,1	7,1	39,0	46,1 42,1	
2	Berlin-Erfurt	260	20	49,0	0,58	0:30	1,9	ETBS	320	0:29	3,4	5,3	39,0	44,3 42,4	
	ETEF/ERF-ETBS/SXF	320	15	44,2	0,7	0:36	2,2	ETDN	220	0:21	3,0	5,2	39,0	44,2 42,0	
3	Erfurt-Burgas	1750	15	44,6	0,76	2:23	6,4	LBWN	130	0:13	2,8	9,2	35,4	44,6 38,2	
			25	42,1			6,2	LBWN			2,7	8,9	33,2	42,1 35,9	
4	LBBG/BOJ-ETEF/ERF	1740	30 (20)	48,8 (43,0)	0,76	2:22	6,9	ETDN	270	0:26	3,4	10,3	38,5	48,8 41,9	
5	Erfurt-Tatry	950	15 20	43,5 42,6	0,76	1:24	4,1	LKIB	270	0:25	3,2	7,3	36,2	43,5 39,4	
	LKTT/TAT-ETEF/ERF	880	20	44,3	0,76	1:18	3,9	ETBS	320	0:29	3,4	7,3	37,0	44,3 40,4	
6	Berlin-Beirut	2960	25	49,0	0,76	3:48	10,3	LCLK	260	0:25	3,4	13,7	35,3	49,0 38,7	1140 km mit u=20km/h (abLBWN)
	OLBA/BEY-ETBS/SXF	2930	30	48,8	0,76	3:54	10,5	ETDN	220	0:21	3,3	13,8	35,0	48,8 38,3	1140 km mit u=-40km/h (bisLBWN)
7	Leipzig-Hamburg	720	25	45,5	0,76	1:06	3,5	EDVV	190	0:19	3,0	6,5	39,0	45,4 42,0	
	EDDH/HAM-ETLS/LEJ	740	25	48,7	0,76	1:08	3,5	ETBS	210	0:20	3,1	6,6	39,0	45,6 42,1	
8	Stockholm-Helsinki	450	30	49,0	0,76	0:45	2,5	EFTU	150	0:15	2,8	5,3	39,0	44,3 41,8	
								EFTP	170	0:16	2,9	5,4		44,4 41,9	
9	EFHK/HEL-ESSA/ARN	420	25	49,0	0,76	0:42	2,4	EFTU	300	0:28	3,4	5,8	39,0	44,8 42,4	
								EFHK	450	0:39	3,9	6,3		45,3 42,9	
10	Moscow-Kiev	870	25	49,0	0,76	1:20	4,0	UKOO	510	0:44	4,1	8,1	38,1	47,0 43,0	
11	UKBB/IEV-UUEE/SVO	860	30	49,0	0,76	1:19	3,9	UUWW	110	0:11	2,7	6,6	39,0	45,6 41,7	
								UUEM	270	0:25	3,3	7,3		46,3 42,3	
12	Larnaca-Cairo	700	30	46,9	0,76	1:06	3,4	LCLK	680	0:56	4,6	8,0	38,4	46,4 43,0	
	HECA/CAI-LCLK/LCA	680	35	47,0	0,76	1:05	3,4	LGRD	600	0:50	4,3	7,7	38,7	46,4 43,0	
13	Berlin-Tripoli	2530	25	49,0	0,76	3:20	9,1	DTTJ	310	0:29	3,6	12,7	36,3	49,0 39,9	
	HLLT/TIP-ETBS/SXF	2480	30	49,0	0,76	3:16	9,0	ETDN	220	0:21	3,3	12,3	36,7	49,0 40,0	
14	Leningrad-Moscow	970	25	49,0	0,76	1:28	4,3	UUEM	270	0:25	3,4	7,7	39,0	46,7 42,4	
								UUWW	100	0:10	2,7	7,0		46,0 41,7	

	Startflugpl.-Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flugstreckenlänge [km]	OAT [°C]	Max.Start- (Lande-)masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoffreserve [t]	Richtwertbetankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	UUEE/SVO- ULLL/LED	910	25	49,0	0,76	1:23	4,2	UMWW	750	1:01	4,8	9,0	38,2	47,2 43,0	
2	Kiev-Leningrad	1410	30	49,0	0,76	1:59	5,9	UUEE	980	1:19	5,5	11,4	37,5	48,9 43,0	
	ULLL/LED- UKBB/KBP	1450	30	49,0	0,76	2:02	6,0	UKOO	470	0:41	4,1	10,1	38,9	49,0 43,0	
3	Leipzig-Prague	310	20	46,9	0,58	0:34	2,0	ETDN	160	0:16	2,9	4,9	39,0	43,9 41,9	
	LKPR/PRG- ETLS/LEJ	250	25	49,0	0,58	0:29	1,9	ETBS	210	0:20	3,0	4,9	39,0	43,9 42,0	
4	Leipzig-Stuttgart	690	15	48,0	0,76	1:04	3,4	EDDF	260	0:25	3,3	6,7	39,0	45,7 42,3	
			25	45,5				LSZH	160	0:16	2,9	6,3	39,0	45,3 41,9	
5	EDDS/STR- ETLS/LEJ	680	15	42,6	0,76	1:02	3,2	ETBS	210	0:20	3,0	6,2	36,4	42,6 39,4	
			20	41,6			3,1	ETBS				6,1	35,5	41,6 38,5	
6	Leipzig-Warsaw	700	20	46,2	0,76	1:04	3,4	ETBS	550	0:47	4,3	7,7	38,5	46,2 42,8	
	EPWA/WAW- ETLS/LEJ	700	30	46,3	0,76	1:04	3,4	ETBS	210	0:20	3,1	6,5	39,0	45,5 42,1	
7	Warsaw-Leningrad	1180	25	48,4	0,76	1:39	5,1	UUEE	980	1:21	5,7	10,8	37,2	48,0 42,9	RWY 15
	ULLL/LED- EPWA/WAW	1230	25	48,7	0,76	1:43	5,3	ETBS	550	0:47	4,2	9,5	37,2	46,7 41,4	
8	Berlin-Moscow/Vko	1720	25	49,0	0,75	2:23	6,8	UUEM	270	0:25	3,5	10,3	38,7	49,0 42,2	
								UUEE	110	0:13	2,9	9,7	39,0	48,7 41,9	
9	UUWW/VKO- ETBS/SXF	1650	25	49,0	0,76	2:18	6,6	ETDN	220	0:21	3,3	9,9	39,0	48,9 42,3	
10	Berlin-Milan/MXP	1290	25	49,0	0,76	1:50	5,3	LIMF	200	0:19	3,2	8,5	39,0	47,5 42,2	
	LIMC/MXP- ETBS/SXF	1250	30	49,0	0,76	1:47	5,3	ETDN	220	0:21	3,2	8,5	39,0	47,5 42,2	
11	Budapest-Prague	510	25	49,0	0,76	0:52	2,7	ETDN	180	0:17	3,0	5,7	39,0	44,7 42,0	
	LKPR/PRG- LHBP/BUD	530	25	48,7	0,76	0:53	2,8	LKIB	200	0:19	3,0	5,8	39,0	44,8 42,0	
12	Prague-Sofia	1280	25	48,8	0,76	1:49	5,4	LROP	320	0:29	3,6	9,0	39,0	48,0 42,6	
	LBSF/SOF- LKPR/PRG	1280	25	43,6	0,76	1:49	5,0	ETDN	220	0:21	3,1	8,1	35,5	43,6 38,6	
13	Berlin-Salzburg	800	25	49,0	0,76	1:14	3,7	LOWL	140	0:14	2,8	6,5	39,0	45,5 41,8	
								LOWW	350	0:32	3,6	7,3		46,3 42,6	
14	LOWS/SZG- ETBS/SXF	780	20	44,1	0,76	1:13	3,6	ETDN	220	0:21	3,1	6,7	37,4	44,1 40,5	

	Startflugpl.- Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flugstreckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoffreserve [t]	Richtwertbetankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Bucharest-Sofia	340	30	49,0	0,7	0:38	2,2	LROP	350	0:32	3,5	5,7	39,0	44,7 42,5	
	LBSF/SOF-LROP/BUH	340	25	44,8	0,7	0:38	2,2	LBWN	400	0:36	3,7	5,9	38,9	44,8 42,6	
2	Copenhagen-Stockholm	610	30	49,0	0,76	0:54	3,1	EFTU	300	0:28	3,4	6,5	39,0	45,5 42,4	
3	ESSA/ARN-EKCH/CPH	620	30	49,0	0,76	0:58	3,1	ESGG	250	0:24	3,2	6,3	39,0	45,3 42,4	
								ETBS	460	0:41	3,9	7,1		46,1 42,9	
4	Tunis-Tripoli	670	30	49,0	0,76	1:04	3,3	DTTJ	260	0:24	3,3	6,6	39,0	45,6	
								DTTM	420	0:37	3,8	7,1		42,3	
	HLLT/TIP-DTTA/TUN	650	30	49,0	0,76	1:02	3,2	DTTM	130	0:13	2,8	6,0	39,0	45,0 41,8	
5	Warsaw-Moscow	1270	25	49,0	0,76	1:51	5,4	UUEM	270	0:25	3,4	8,8	39,0	47,8 42,8	m_{st} für RWY 15/33
6	UUEE/SVO-EPWA/WAW	1250	25	49,0	0,76	1:49	5,3	EPRZ	350	0:32	3,7	9,0	39,0	48,0 42,7	
							5,4	ETBS	540	0:46	4,3	9,7	38,7	48,4 43,0	
7	Berlin-Moscow/Svo.	1660	25	49,0	0,76	2:17	6,6	UUEM	270	0:27	3,5	10,1	38,9	49,0 42,4	
								UUWW	110	0:11	2,8	9,4	39,0	48,8 41,8	
8	UUEE/SVO-ETBS/SXF	1650	25	49,0	0,76	2:18	6,6	ETDN	220	0:21	3,3	9,9	39,0	48,9 42,3	
9	Dresden-Moscow	1780	25	45,0	0,76	2:27	6,5	UUWW	110	0:11	2,8	9,3	35,7	45,0 38,5	RWY 22 m_{st}/u=5 m/s
			15	48,2			6,9	UUEM	270	0:25	3,4	10,3	37,9	48,2 41,3	
10	UUEE/SVO-ETDN/DRS	1750	25	49,0	0,76	2:25	6,9	ETBS	260	0:25	3,4	10,3	38,7	49,0 42,1	
11	Leipzig-Moscow	1790	15	48,0	0,76	2:26	6,9	UUEM	270	0:25	3,4	10,3	37,7	48,0 41,1	
			25	45,5			6,6	UUWW	110	0:11	2,8	9,4	36,1	45,5 38,9	
12	UUEE/SVO-ETLS/LEJ	1810	25	49,0	0,76	2:27	7,1	ETBS	210	0:20	3,2	10,3	36,7	49,0 41,9	
13	Berlin-Leningrad	1560	25	49,0	0,76	2:10	6,4	UMWW	750	1:02	4,8	11,2	37,8	49,0 42,6	
	ULLL/LED-ETBS/SXF	1610	30	49,0	0,76	2:13	6,4	ETDN	220	0:21	3,3	9,7	39,0	48,7 42,3	
14	Leningrad-Dresden	1720	30	49,0	0,76	2:23	6,8	ETBS	260	0:25	3,5	10,3	38,7	49,0 42,2	

	Startflugpl.- Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flug-streckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoff-reserve [t]	Richtwertbe-tankung [t]	Max. mögl. ZFW [t] ⑫ gemäß ④ und	Start-u.Landemasse ⑬ bei ZFW gem. [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	ETDN/DRS-ULLL/LED	1680	15	48,3	0,76	2:20	6,6	UMWW	750	1:02	4,8	11,4	36,9	48,3 41,7	RWY 22 m_{st}/u=5 m/s
			25	45,0			6,3	UMWW	750	1:02	4,6	10,9	34,1	45,0 38,7	
2	Berlin-Kiev	1540	25	49,0	0,76	1:57 (2:10)*	6,3	UKOO	510	0:44	4,2	10,5	38,5	49,0 42,7	(Flugzeit) * für Richtwert-betankung t_{norm} LDZ-JED DCT
	UKBB/KBP-ETBS/SXF	1500	30	49,0	0,76	1:55 (2:08)*	6,1	ETDN	220	0:21	3,3	9,4	39,0	48,4 42,3	
3	Leipzig-Kiev	1670	15	48,0	0,76	2:07 (2:20)*	6,6	UKOO	510	0:44	4,1	10,7	37,3	48,0 41,4	
			25	45,5			6,3	UKOO	510	0:44	4,0	10,3	35,2	45,5 39,2	
4	UKBB/KBP-ETLS/LEJ	1670	30	49,0	0,76	2:07 (2:20)*	6,8	ETBS	210	0:20	3,2	10,0	39,0	49,0 42,2	
5	Berlin-Warsaw	560	25	49,0	0,76	0:53	2,9	EPRZ	350	0:32	3,6	6,5	39,0	45,5 42,6	
	EPWA/WAW-ETBS/SXF	540	30	49,0	0,76	0:52	2,8	ETDN	220	0:21	3,1	5,9	39,0	44,9 42,1	
6	Berlin-Prague	350	25	49,0	0,58	0:38	2,2	ETDN	180	0:18	2,9	5,1	39,0	44,1 41,9	
	LKPR/PRG-ETBS/SXF	300	25	49,0	0,58	0:34	2,0	ETDN	220	0:21	3,1	5,1	39,0	44,1 42,1	
7	Berlin-Tatry	890	25	49,0	0,76	1:20	4,1	LKIB	280	0:26	3,4	7,5	39,0	46,5 42,4	
							4,1	LHBP	380	0:34	3,7	7,8	39,0	46,8 42,7	
8	LKTT/TAT-ETBS/SXF	840	15	46,0	0,76	1:16	3,8	ETDN	220	0:21	3,2	7,0	39,0	46,0 42,2	
			20	44,5			3,8	ETDN	220	0:21	3,1	6,9	37,6	44,5 40,7	
9	Dresden-Tatry	750	15	48,2	0,76	1:08	3,5	LKIB	280	0:26	3,4	6,9	39,0	45,9 42,4	RWY 22 m_{st}/u=5 m/s
			25	45,0			3,5	LHBP	330	0:34	3,6	7,1	37,9	45,0 41,5	
10	LKTT/TAT-ETDN/DRS	710	15	46,0	0,76	1:05	3,4	ETBS	260	0:25	3,3	6,7	39,0	45,7 42,3	RWY 27: m_{st}/u = 5 m/s
			20	44,5			3,4	ETBS	260	0:25	3,2	6,6	37,9	44,5 41,1	
11	Berlin-Bratislava	660	25	49,0	0,76	1:01	3,3	LHBP	240	0:23	3,2	6,5	39,0	45,5 42,2	
	LKIB/BTS-ETBS/SXF	680	25	45,0	0,76	1:02	3,3	ETDN	220	0:21	3,1	6,4	39,0	45,4 42,1	
12	Berlin-Budapest	830	25	49,0	0,76	1:15	3,9	LKIB	240	0:23	3,2	7,1	39,0	46,1 42,2	
	LHBP/BUD-ETBS/SXF	810	30	48,8	0,76	1:13	3,8	ETDN	220	0:23	3,2	7,0	39,0	46,0 42,2	
13	Budapest-Dresden	690	30	48,8	0,76	1:03	3,3	ETBS	260	0:25	3,3	6,6	39,0	45,6 42,3	
14	ETDN/DRS-LHBP/BUD	690	15	48,2	0,76	1:04	3,4	LKIB	240	0:23	3,2	6,6	39,0	45,6 42,2	RWY 22 m_{st}/u=5 m/s
			25	45,0			3,3					6,5	38,5	45,0 41,7	

	Startflugpl.- Zielflugplatz / ICAO - Code/ IATA - Code	Navigat. Flugstreckenlänge [km]	OAT [°C]	Max.Start- (Lande-)masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoffreserve [t]	Richtwertbetankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Erfurt-Budapest	890	15	44,6	0,76	1:20	4,0	LKIB	240	0:23	3,1	7,1	37,5	44,6 40,6	
			25	42,1			3,8	LKIB				6,9	35,2	42,1 38,3	
2	LHBP/BUD-ETEF/ERF	850	30	48,8	0,76	1:17	4,0	ETBS	320	0:30	3,5	7,5	39,0	46,5 42,5	m_L bei 5 m Schwelle "N" mit Bremsschirm
3	Leipzig-Budapest	800	15	48,0	0,76	1:12	3,7	LKIB	240	0:23	3,2	6,9	39,0	45,9 42,2	km AWH
			25	45,5				LKIB					38,6	45,5 41,8	
4	LHBP/BUD-ETLS/LEJ	770	30	48,8	0,76	1:10	3,6	ETBS	210	0:20	3,1	6,7	39,0	45,7 42,1	
5	Berlin-Bucharest	1450	25	49,0	0,76	2:01	5,9	LRCK	210	0:20	3,2	9,1	39,0	48,1 42,2	
							6,0	LBWN	400	0:36	3,9	9,9	39,0	48,9 42,9	
6	LROP/BUH-ETBS/SXF	1440	30	49,0	0,76	2:01	6,0	ETDN	220	0:21	3,2	9,2	39,0	48,2 42,2	
7	Berlin-Constanta	1800	25	49,0	0,76	2:16 (2:29)*	7,1	LROP	240	0:23	3,3	10,4	38,6	49,0 41,9	( )* Flugzeit f.Richtwert-betankung t_{norm}:LDZ-JED DCT
	LRCK/CND-ETBS/SXF	1760	30	49,0	0,76	2:15 (2:26)*	7,0	ETDN	220	0:21	3,2	10,2	38,8	49,0 42,0	
8	Leipzig-Constanta	1620	15	48,0	0,76	2:13	6,4	LROP	240	0:23	3,3	9,7	38,3	48,0 41,6	
			25	45,5			6,2	LROP			3,2	9,4	36,1	45,5 39,3	
9	LRCK/CND-ETLS/LEJ	1600	30	49,0	0,76	2:14	6,5	ETBS	210	0:20	3,2	9,7	39,0	48,7 42,2	
10	Erfurt-Constanta	1710	15	44,6	0,76	2:22	6,3	LROP	240	0:23	3,2	9,5	35,1	44,6 38,3	
			25	42,1			6,1	LROP			3,0	9,1	33,0	42,1 36,0	
11	LRCK/CND-ETEF/ERF	1680	30	49,0 (43,0)	0,76	2:20	6,7	ETBS	320	0:30	3,6	10,3	38,7	49,0 42,3	
12	Berlin-Zagreb	890	25	49,0	0,76	1:20	4,1	LYLJ	180	0:18	3,0	7,1	39,0	46,1 42,0	
	LYZA/ZAG-ETBS/SXF	840	30	48,9	0,76	1:16	3,8	ETDN	220	0:21	3,2	7,0	39,0	46,0 42,2	
13	Berlin-Ljubljana	840	25	49,0	0,76	1:15	3,8	LYZA	170	0:17	3,0	6,8	39,0	45,8 42,0	
	LYLJ/LJU-ETBS/SXF	830	30	46,7	0,76	1:15	3,8	ETDN	220	0:21	3,2	7,0	39,0	46,0 42,2	
14	Belgrade-Ljubljana	550	30	49,0	0,76	0:52	2,9	LYZA	170	0:17	2,9	5,8	39,0	44,8 41,9	

	Startflugpl.- Zielflugplatz ——— ICAO - Code/ IATA - Code	Navigat. Flug-streckenlänge [km]	OAT [°C]	Max.Start- (Lande-)masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl.[km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoff-reserve [t]	Richtwertbe-tankung [t]	Max. mögl. ZFW [t] ⑫ gemäß ④ und	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	LYLJ/LJU-LYBE/BEG	510	30	46,7	0,76	0:49	2,7	LYSA	270	0:25	3,3	6,0	39,0	45,0 42,3	
								LYZA	440	0:39	3,9	6,6	39,0	45,6 42,9	
2	Leipzig-Belgrade	1130	15	48,0	0,76	1:38	4,9	LYSA	270	0:25	3,4	8,3	33,0	47,3 42,4	
			25	45,5			4,7	LYZA	440	0:39	3,9	8,6	36,9	45,5 40,8	
3	LYBE/BEG-ETLS/LEJ	1160	30	49,0	0,76	1:40	4,9	ETBS	210	0:20	3,2	8,1	39,0	47,1 42,2	
4	Leipzig-Zagreb	850	15	48,0	0,76	1:17	3,9	LYLJ	180	0:18	3,0	6,9	39,0	45,9 42,0	
			25	45,5									38,6	45,5 41,6	
5	LYZA/ZAG-ETLS/LEJ	800	30	49,0	0,78	1:12	3,7	ETBS	210	0:20	3,1	6,8	39,0	45,8 42,1	
6	Leipzig-Ljubljana	800	15	48,0	0,76	1:12	3,7	LYZA	170	0:17	3,0	6,7	39,0	45,7 42,0	
			25	45,5									38,8	45,5 41,8	
7	LYLJ/LJU-ETLS/LEJ	780	30	46,7	0,76	1:11	3,7	ETBS	210	0:20	3,1	6,8	39,0	45,8 42,1	
8	Berlin-Split	1150	25	49,0	0,76	1:42	5,0	LYDU	220	0:21	3,2	8,2	39,0	47,2 42,2	
9	LYSP/SPU-ETBS/SXF	1150	25	47,4	0,76	1:42	5,0	ETDN	220	0:21	3,2	8,2	39,0	47,2 42,2	
			35	44,7			4,8	ETDN			3,1	7,9	36,8	44,7 39,9	
10	Berlin-Sofia	1630	25	49,0	0,76	2:15	6,6	LROP	350	0:32	3,7	10,3	38,7	49,0 42,4	über UdSSR s. 16/14
11	LBSF/SOF-ETBS/SXF	1630	15	47,4	0,76	2:15	6,4	ETDN	220	0:21	3,2	9,6	37,8	47,4 41,0	
			30	43,4			6,0	ETDN			3,1	9,1	34,3	43,4 37,4	
12	Berlin-Varna	1690	25	49,0	0,76	2:19	6,7	LBBG	130	0:13	2,9	9,6	39,0	48,6 41,9	über UdSSR s. 16/12
13	LBWN/VAR-ETBS/SXF	1640	20	47,3	0,76	2:15	6,4	ETDN	220	0:21	3,2	9,6	37,7	47,3 40,9	
			30	44,1				ETDN			3,1	9,2	34,9	44,1 38,0	
14	Dresden-Varna	1550	15	48,2	0,76	2:09	6,3	LBBG	130	0:13	2,9	9,2	39,0	48,2 41,9	
			25	45,0			5,9	LBBG			2,8	8,7	36,3	45,0 39,1	

	Startflugpl.- Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flugstreckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoffreserve [t]	Richtwertbetankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	LBWN/VAR-ETDN/DRS	1520	20	47,3	0,76	2:06	6,0	LKPR	200	0:19	3,1	9,1	38,2	47,3 41,3	
			30	43,8			5,7	LKPR			3,0	8,7	35,4	43,8 38,1	
2	Erfurt-Varna	1750	15	44,6	0,76	2:23	6,4	LBBG	130	0:13	2,8	9,2	35,4	44,6 38,2	
			25	42,1			6,2	LBBG			2,7	8,9	33,2	42,1 35,9	
3	LBWN/VAR-ETEF/ERF	1680	20	47,3 (43,0)	0,76	2:18	6,5	ETDN	270	0:26	3,4	9,9	37,4	47,3 40,8	
			30	44,1 (43,0)			6,2	ETDN			3,2	9,4	34,7	44,1 37,9	
4	Dresden-Burgas	1560	15	48,2	0,76	2:09	6,3	LBWN	130	0:13	2,9	9,2	39,0	48,2 41,9	
			25	45,0			5,9	LBWN			2,8	8,7	36,3	45,0 39,1	
5	LBBG/BOJ-ETDN/DRS	1580	30	48,8	0,76	2:11	6,4	LKPR	200	0:19	3,2	9,6	39,0	48,6 42,2	
6	Burgas-Larnaca	1190	30	48,8	0,76	1:40	5,0	OLBA	290	0:27	3,5	8,4	39,0	47,4 42,5	u=20 km/h
								LCPH	200	0:19	3,1	8,1	39,0	47,1 42,1	
7	LCLK/LCA-LBBG/BOJ	1200	30	46,4	0,76	1:49	5,3	LBWN	130	0:13	2,8	8,1	38,3	46,4 41,1	u=-40 km/h
8	Berlin-Tunis	2020	25	49,0	0,76	2:45	7,7	DTTM	190	0:19	3,2	10,9	38,1	49,0 41,3	
9	DTTA/TUN-ETBS/SXF	2000	35	47,4	0,76	2:43	7,4	ETDN	220	0:21	3,2	10,6	36,8	47,4 40,0	
			20	49,0			7,6	ETDN			3,3	10,9	38,1	49,0 41,4	
10	Budapest-Tirana	930	30	46,8	0,76	1:25	4,3	LYDU	320	0:30	3,5	7,8	39,0	46,8 42,5	Beachte: AWH-Öffnungszeiten
11	LATI/TIA-LHBP/BUD	850	30	46,2	0,76	1:23	4,1	LKIB	240	0:23	3,2	7,3	38,9	46,2 42,1	
							4,1	LRTR	310	0:29	3,5	7,6	38,6	46,2 42,1	
12	Berlin-Pula	990	25	49,0	0,76	1:29	4,3	LYLJ	190	0:19	3,1	7,4	39,0	46,4 42,1	
	LYPL/PUY-ETBS/SXF	960	30	47,9	0,76	1:27	4,3	ETDN	220	0:21	3,2	7,5	39,0	46,5 42,2	
13	Berlin-Palermo	1900	25	49,0	0,76	2:35	7,4	LICC	290	0:27	3,5	10,9	38,1	49,0 41,6	
	LICJ/PMO-ETBS/SXF	1820	25	49,0	0,76	2:30	7,1	ETDN	220	0:21	3,3	10,4	38,6	49,0 41,9	
14	Berlin-Paphos	2800	25	49,0	0,76	3:37	9,8	LGRP	500	0:44	4,1	13,9	35,1	49,0 39,2	ab LTBA u = 20 km/h
								OSAP	520	0:45	4,2	14,0	35,0	49,0 39,2	(1000 km)

	Startflugpl.- Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flug-streckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoff-reserve [t]	Richtwertbe-tankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	LCPH/PFO- ETBS/SXF	2760	30 20	45,9 48,7	0,76	3:42	9,5 10,0	ETDN	220	0:21	3,1 3,3	12,6 13,2	33,2 35,5	45,9 36,4 48,7 38,7	bis LBWR u = -40 km/h (960 km)
2	Berlin-Linz LOWL/LNZ- ETBS/SXF	660 670	25 25	49,0 46,0	0,76 0,76	1:03 1:04	3,3 3,3	LOWW ETDN	220 220	0:21 0:21	3,1 3,1	6,4 6,4	39,0 39,0	45,4 42,1 45,4 42,1	
3	Berlin-Odessa	1700	25	49,0	0,76	2:09 (2:21)*	6,8	UKBB LRCK	510 440	0:44 0:39	4,2 4,0	11,0 10,8	38,0 38,2	49,0 42,2 49,0 42,2	(Flugzeit)*f. Richtwertbe-tankung tnorm LDZ-JED DCT
4	UKOO/ODS- ETBS/SXF	1630	30	49,0	0,76	2:05 (2:17)*	6,6	ETDN	220	0:21	3,3	9,8	39,0	48,8 42,3	ohne Beach-tung der SIWL
5	Berlin- Thesaloniki	1930	25	49,0	0,76	2:37	7,4	LBSF	340	0:31	3,7	11,1	37,9	49,0 41,6	
6	LGTS/SKG- ETBS/SXF	1900	30	45,1	0,76	2:35	6,9	ETDN	220	0:21	3,1	10,0	35,1	45,1 38,2	
7	Berlin- Belgrade	1160	25	49,0	0,76	1:41	5,0	LYSA LYZA	270 440	0:25 0:39	3,4 4,0	8,4 9,0	39,0 39,0	47,4 42,4 48,0 43,0	
8	LYBE/BEG- ETBS/SXF	1210	30	49,0	0,76	1:44	5,2	ETDN	220	0:21	3,2	8,4	39,0	47,4 42,2	
9	Leipzig-Burgas	1660	15 25	48,0 45,5	0,76	2:17	6,6 6,3	LBWN LBWN	130	0:13	2,9 2,8	9,5 9,1	38,5 36,4	48,0 41,4 45,5 39,2	
10	LBBG/BOJ- ETLS/LEJ	1650	30	48,8	0,76	2:16	6,6	ETBS	210	0:20	3,2	9,8	39,0	48,8 42,2	
11	Berlin- Helsinki	1320	25	49,0	0,76	1:58	5,4 5,5	EFTU EFTP	150 170	0:15 0:17	3,0 3,0	8,4 8,5	39,0	47,4 42,0 47,5 42,0	
12	EFHK/HEL- ETBS/SXF	1280	25	49,0	0,76	1:55	5,4	ETDN	220	0:21	3,2	8,6	39,0	47,6 42,2	
13	Berlin- Stockholm ESSA/ARN- ETBS/SXF	1060 970	25 30	49,0 49,0	0,76 0,76	1:28 1:26	4,6 4,3	EFTU ETDN	300 220	0:28 0:21	3,5 3,2	8,1 7,5	39,0 39,0	47,1 42,5 46,5 42,4	
14	Leipzig- Helsinki	1450	15 25	48,0 45,5	0,76	2:01	5,9 5,7	EFTU EFTU	150	0:15	3,0 2,9	8,9 8,6	39,0 36,9	47,9 42,0 45,5 39,8	

RICHTWERTBETANKUNG
Betankungstabellen

	Startflugpl.- Zielflugplatz / ICAO - Code/ IATA - Code ①	Navigat. Flugstreckenlänge [km] ②	OAT [°C] ③	Max.Start- (Lande-)masse [t] bei OAT gemäß ③ ④	Betriebsart (M) ⑤	Normative Flugzeit [Std.] ⑥	Trip-fuel [t] ⑦	Ausweichflugplatz ⑧	Entfernung Ziel-Ausweichflugpl. [km] ⑨	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.] ⑩	Gesamtkraftstoffreserve [t] ⑪	Richtwertbetankung [t] ⑫	Max. mögl. ZFW [t] gemäß ④ und ⑫ ⑬	Start-u.Landemasse bei ZFW gem. ⑬ [t] ⑭	Bemerkungen ⑮
1	EFHK/HEL- ETLS/LEJ	1440	25	49,0	0,76	2:01	5,9	ETBS	210	0:20	3,2	9,1	39,0	48,1 42,2	
2	Leipzig- Stockholm	1190	15 25	48,0 45,5	0,76	1:44	5,1 4,9	EFTU EFTU	300	0:28	3,5 3,4	8,6 8,3	39,0 37,2	47,6 42,5 45,5 40,6	
3	ESSA/ARN- ETLS/LEJ	1130	30	49,0	0,76	1:40	4,8	ETBS	210	0:20	3,2	8,0	39,0	47,0 42,4	
4	Berlin-Leipzig ETLS/LEJ- ETBS/SXF	160 210	25 25	49,0 45,5	0,48 0,58	0:22 0:26	1,6 1,7	ETBS ETDN	220 220	0:20 0:21	3,0 3,1	4,6 4,8	39,0 39,0	43,6 42,0 43,8 42,1	
5	Berlin- Copenhagen EKCH/CPH- ETBS/SXF	460 460	25 30	49,0 49,0	0,76 0,76	0:48 0:48	2,6 2,6	ESGG ETDN	250 220	0:24 0:21	3,2 3,1	5,8 5,7	39,0 39,0	44,8 42,2 44,7 42,1	
6	Leipzig- Copenhagen EKCH/CPH- ETLS/LEJ	590 620	25 30	45,5 49,0	0,76 0,76	0:56 0:58	3,1 3,1	ESGG ETBS	250 210	0:24 0:20	3,2 3,1	6,3 6,2	39,0 39,0	45,3 42,2 45,2 42,1	
7	Berlin- Brussels	1380 (1080)	25	49,0	0,76	1:57 (1:35)	5,7 (4,8) 5,8 (4,7)	EBOS EHAM	180 240	0:17 0:23	3,1 3,3	8,8 (7,8) 8,1 (8,0)	39,0 39,0	47,8 42,1 48,1 42,3	(46,8) (42,0) (47,0) (42,3) Werte in Klammern über BRD
8	EBBR/BRU- ETBS/SXF	1340 (1010)	30	49,0	0,76	1:53 (1:29)	5,6 (4,4)	ETDN	220	0:21	3,2	8,8 (7,6)	39,0	47,8 42,2	(46,6) (42,2)
9	Leipzig- Brussels	1050	15 25	48,0 45,5	0,76	1:32	4,6 4,5	EBOS EBOS	180	0:18	3,2 3,0	7,8 7,5	39,0 38,0	46,8 42,2 45,5 41,0	BRD, Anmeldung gilt auch für "weekend"
10	EBBR/BRU- ETLS/LEJ	990	30	49,0	0,76	1:27	4,4	ETBS	210	0:20	3,1	7,5	39,0	46,5 42,1	
11	Berlin- Amsterdam	1290	25	49,0	0,76	1:50	5,3 5,4	EHRD EBBR	100 220	0:10 0:21	2,8 3,2	8,1 8,6	39,0 39,0	47,1 41,8 46,6 42,2	EHRD mit IV eingestuft
12	EHAM/AMS- ETBS/SXF	1190	30	49,0	0,76	1:42	5,1	ETDN	220	0:21	3,2	8,3	39,0	47,3 42,2	
13	Leipzig-Paris	1150	15 25	48,0 45,5	0,76	1:40	4,9 4,8	LFSR	190	0:19	3,1 3,0	9,0 7,8	39,0 37,7	47,0 42,1 45,5 40,7	über BRD
14	LFPO/ORY- ETLS/LEJ	1180	25	49,0	0,76	1:42	5,0	ETBS	210	0:20	3,2	8,2	39,0	47,2 42,2	

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	Startflugpl.- Zielflugplatz / ICAO - Code/ IATA - Code	Navigat. Flug-streckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl.[km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoff-reserve [t]	Richtwertbe-tankung [t]	Max. mögl. ZFW [t] ⑫ gemäß ④ und	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Berlin-Paris	1190	25	49,0	0,76	1:45	5,1	LFSR	190	0:18	3,1	8,2	39,0	47,2 42,1	über
							5,2	EBBR	400	0:36	3,8	9,0	39,0	48,0 42,8	BRD
2	LFPO/ORY-ETBS/SXF	1230	25	49,0	0,76	1:48	5,2	ETDN	220	0:26	3,2	8,4	39,0	47,4 42,2	
3	Berlin-Zurich	880	25	49,0	0,76	1:18	4,0	LFSB	100	0:10	2,7	6,7	39,0	45,7 41,7	
	LSZH/ZRH-ETBS/SXF	860	25	49,0	0,76	1:17	3,9	ETDN	220	0:21	3,2	7,1	39,0	46,1 42,2	
4	Leipzig-Zurich	840	15	48,0	0,76	1:16	3,8	LFSB	100	0:10	2,7	6,5	39,0	45,5 41,7	
			25	45,5										45,5 41,7	
5	LSZH/ZRH-ETLS/LEJ	820	25	49,0	0,76	1:14	3,8	ETBS	210	0:20	3,1	6,9	39,0	45,9 42,1	
6	Berlin-Milan	1270	25	49,0	0,76	1:51	5,4	LIMF	200	0:19	3,1	8,5	39,0	47,5 42,1	
7	LIMM/LIN-ETBS/SXF	1200	30	43,8	0,76	1:45	4,8	ETDN	220	0:21	3,1	7,9	35,9	43,8 39,0	
			15	47,7			5,1	ETDN			3,2	8,3	39,0	47,3 42,2	
8	Leipzig-Milan	1250	15	48,0	0,76	1:49	5,3	LIMF	200	0:19	3,1	8,4	39,0	47,4 42,1	
			25	45,5			5,1					8,2	37,3	45,5 40,4	
9	LIMC/MXP-ETLS/LEJ	1200	30	49,0	0,76	1:43	5,1	ETBS	210	0:20	3,2	8,3	39,0	47,3 42,2	
10	Berlin-Rome	1400	25	49,0	0,76	1:58	5,8	LIRA	140	0:14	2,9	8,7	39,0	47,7 41,9	CIA mit IV eingestuft
								LIEA	410	0:37	3,9	9,7	39,0	48,7 42,9	
11	LIRF/FCO-ETBS/SXF	1510	30	49,0	0,76	2:04	6,0	ETDN	220	0:21	3,3	9,3	39,0	48,3 42,3	
12	Berlin-Vienna	580	25	49,0	0,76	0:55	3,0	LKIB	100	0:10	2,6	5,6	39,0	44,6 41,6	
								LOWG	200	0:19	3,0	6,0		45,0 42,0	
13	LOWW/VIE-ETBS/SXF	590	25	49,0	0,76	0:56	3,0	ETDN	220	0:21	3,1	6,1	39,0	45,1 42,1	
14	Leipzig-Vienna	550	15	48,0	0,76	0:54	2,9	LKIB	100	0:10	2,6	5,5	39,0	44,5 41,6	
			25	45,5				LOWG	200	0:19	3,0	5,9	39,0	44,9 42,0	

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	Startflugpl.-Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flugstreckenlänge [km]	OAT [°C]	Max.Start- (Lande-)masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoffreserve [t]	Richtwertbetankung [t]	Max. mögl. ZFW [t] gemäß ④ und ⑫	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	LOWW/VIE-ETLS/LEJ	550	25	49,0	0,76	0:54	2,9	ETBS	210	0:21	3,1	6,0	39,0	45,0 42,1	
2	Berlin-Istanbul	2010	25	49,0	0,76	2:41	7,7	LBBG LTAC	280 400	0:26 0:36	3,5 3,9	11,2 11,6	37,8 37,5	49,0 41,3 49,0 41,3	
3	LTBA/IST-ETBS/SXF	1970	30	48,3 (+5 m/s)	0,76	2:39	7,5	ETDN	220	0:21	3,3	10,8	37,5	48,3 40,8	
4	Berlin-Athens	2230	25	49,0	0,76	2:56	8,3	LGTS LGAD	430 260	0:38 0:25	3,9 3,4	12,9 11,4	36,8 37,6	49,0 40,7 49,0 41,0	490 km mit u=20 km/h
5	LGAT/ATH-ETBS/SXF	2210	30	49,0	0,76	3:00	8,4	ETDN	220	0:21	3,3	11,7	37,3	49,0 40,6	490 km mit u=-40 km/h
6	Berlin-Rhodos	2560	25	49,0	0,76	3:20	9,1	LGAT LGKO	430 110	0:38 0:11	4,0 2,9	13,1 12,0	35,9 37,0	49,0 39,9 49,0 39,9	810 km mit u=20km/h(ab CCO)
7	LGRP/RHO-ETBS/SXF	2500	30	49,0	0,76	3:23	9,3	ETDN	220	0:21	3,2	12,5	36,5	49,0 39,7	780 km mit u=-40km/h(bis CCO)
8	Berlin-Iraklion	2510	25	49,0	0,76	3:14	9,0	LGAT	330	0:30	3,6	12,6	36,4	49,0 40,0	760 km mit u=20 km/h(ab CCO)
9	LGIR/HER-ETBS/SXF	2440	20 30	48,1 45,3	0,76	3:16	8,9 8,5	ETDN ETDN	220	0:21	3,2 3,1	12,2 11,6	35,9 33,7	48,1 39,2 45,3 36,8	710 km mit u=-40km/h(bis CCO)
10	Leipzig-Frankfurt	740	15 25	48,0 45,5	0,76	1:10	3,5	EDDL EDDL	230	0:22	3,2	6,7	39,0 38,8	45,7 42,2 45,5 42,0	
11	EDDF/FRA-ETLS/LEJ	720	25	49,0	0,76	1:08	3,5	ETBS	210	0:20	3,1	6,6	39,0	45,6 42,1	
12	Berlin-Brussels	1010	25	49,0	0,76	1:31	4,4	EBLG EHAM	110 240	0:11 0:23	2,8 3,3	7,2 7,7	39,0 39,0	46,2 41,8 46,7 42,3	BRD, Anmeldung gilt auch für "weekend"
13	EBBR/BRU-ETBS/SXF	1010	30	49,0	0,76	1:31	4,4	ETDN	220	0:21	3,2	7,6	39,0	46,6 42,2	
14	Varna-Sofia LBSF/SOF-LBWN/VAR	380 380	30 30	43,8 43,5	0,76 0,76	0:43 0:46	2,4 2,5	LROP LBBG	350 130	0:32 0:13	3,5 2,7	5,9 5,2	37,9 38,3	43,8 41,4 43,5 41,0	

	Startflugpl. - Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flugstreckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std.]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std.]	Gesamtkraftstoffreserve [t]	Richtwertbetankung [t]	Max. mögl. ZFW gemäß ④ und ⑫ [t]	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Berlin-Rome	1390	25	49,0	0,76	1:59	5,8	LIMJ	480	0:42	4,1	9,9	38,9	48,8 43,0	
2	LIRA/CIA- ETBS/SXF	1530	20 30	44,7 42,0	0,76	2:09	5,8 5,6	ETDN	220	0:21	3,1 3,0	8,9 8,6	35,8 33,4	44,7 38,9 42,0 38,3	m_{st} bei u = 5 m/s
3	Varna-Cairo	1600	20 30	47,3 43,8	0,76	2:11	6,2 5,8	HELX	510	0:44	4,1 3,9	10,3 9,7	37,0 34,1	47,3 41,1 43,8 38,0	u = 20 km/h
4	HECA/CAI- LBWN/VAR	1600	30	49,0	0,76	2:25	6,9	LBBG	130	0:13	2,9	9,8	39,0	48,8 41,9	u = -40 km/h
5	Paphos- Damascus	750	30	45,9	0,76	1:08	3,5	OJAI	430	0:38	3,8	7,3	38,6	45,9 42,4	u = 20 km/h
6	OSDI/DAM- LCPH/PFO	790	30	47,6	0,76	1:18	3,9	LGRP OSAP	500 520	0:44 0:45	4,1 4,1	8,0 8,0	38,9 38,9	46,9 43,0 46,9 43,0	u = -40 km/h
7	Burgas- Paphos	1110	30	48,8	0,76	1:36	4,8	LGRP OSAP	500 520	0:44 0:45	4,1 4,2	8,9 9,0	38,9 38,8	47,8 43,0 47,8 43,0	u = 20 km/h
8	LCPH/PFO- LBBG/BOJ	1110	30	45,9	0,76	1:45	5,0	LBWN	130	0:13	2,8	7,8	38,1	45,9 40,9	u = -40 km/h
9	Warsaw- Moscow/VKO	1340	25	49,0	0,76	1:05	5,5 5,6	UUEE UUEM	110 270	0:11 0:26	2,8 3,4	8,3 9,0	39,0 39,0	47,3 41,8 48,0 42,4	
10	UUWW/VKO- EPWA/WAW	1270	25	49,0	0,76	1:51	5,4	EPRZ	350	0:32	3,7	9,1	39,0	48,1 42,7	
11	Paphos-Amman	1020	30	45,9	0,76	1:29	4,3	OSDI	480	0:42	4,0	8,3	37,6	45,9 41,6	u = 20 km/h
	OJAI/AMM- LCPH/PFO	1070	30	47,0	0,76	1:41	4,9	LGRP	500	0:44	4,1	9,0	36,0	47,0 42,1	u = -4o km/h
12	Berlin-Varna	1780	25	49,0	0,76	2:25	7,0	LBBG	130	0:13	2,9	9,9	39,0	48,9 41,9	
	LBWN/VAR- ETBS/SXF	1730	25	45,5		2:21	6,4	ETDN	220	0:21	3,2	9,6	35,9	45,5 39,1	
13	Berlin-Burgas	1800	25	49,0	0,76	2:27	7,1	LBWN	130	0:13	2,9	10,0	39,0	49,0 41,9	
	LBBG/BOJ- ETBS/SXF	1800	30	48,8		2:27	7,1	ETDN	220	0:21	3,2	10,3	38,5	48,8 41,7	über UdSSR
14	Berlin-Sofia	1730	25	49,0	0,76	2:22	6,9	LROP	350	0:32	3,7	10,6	38,4	49,0 42,1	
	LBSF/SOF- ETBS/SXF	1730	20	46,3		2:22	6,6	ETDN	220	0:21	3,1	9,7	36,6	46,3 39,7	

	Startflugpl.- Zielflugplatz ICAO - Code/ IATA - Code	Navigat. Flug-streckenlänge [km]	OAT [°C]	Max.Start- (Lande-) masse [t] bei OAT gemäß ③	Betriebsart (M)	Normative Flugzeit [Std]	Trip-fuel [t]	Ausweichflugplatz	Entfernung Ziel-Ausweichflugpl. [km]	Navigat. Flugzeit vom Ziel- zum Ausweichflugpl. [Std]	Gesamtkraftstoff-reserve [t]	Richtwertbe-tankung [t]	Max. mögl. ZFW [t] ⑫ gemäß ④ und	Start-u.Landemasse bei ZFW gem. ⑬ [t]	Bemerkungen
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮
1	Berlin-Bucharest LROP/BUH- ETBS/SXF	1500 1440	25 30	49,0 49,0	0,76	2:05 2:01	6,1 6,0	LRCK ETDN	210 220	0:20 0:21	3,2 3,2	9,3 9,2	39,0 39,0	48,3 42,2 48,2 42,2	über UdSSR
2	Erfurt-Moscow/Svo.	1910	15 25	45,3 43,1	0,76	2:34	6,9 6,7	UUEM	270	0:25	3,3 3,2	10,2 9,9	35,1 33,2	45,3 38,4 43,1 36,4	
3	UUEE/SVO- ETEF/ERF	1900	25	49,0 43,0	0,76	2:33	7,3	ETBS	320	0:30	3,6	10,9	38,1	49,0 41,7	
4	Leipzig-Sofia	1590	15 25	48,5 46,0	0,76	2:12	6,4 6,1	LROP	350	0:32	3,7 3,6	10,1 9,7	38,4 36,3	48,5 42,1 46,0 39,9	
5	LBSF/SOF- ETLS/LEJ	1580	15 30	47,4 43,4	0,76	2:11	6,2 5,9	ETBS	210	0:20	3,2 3,0	9,4 8,9	38,0 34,5	47,4 41,1 43,4 37,5	
6															
7															
8															
9															
10															
11															
12															
13															
14															

RICHTWERTBETANKUNG
Ausweichflugplätze

Tab. 3.3/1

Bestimmungsflugplatz	Ausweichflugplatz	ICAO-/IATA-Kennung	Entfernung (km)	Bemerkungen
Addis Ababa HAAB/ADD	Djibouti	HFFF/JIB	610	
	Aden	ODAA/ADE	850	
	Khartoum	HSSS/KRT	1050	
	Nairobi	HKNA/NBO	1250	
	Entebbe	HUEN/EBB	1280	
	Saana	OYSN/SAH	1310	
	Asmara (kein KS)	HAAY/ASM		
Aden ODAA/ADE	Djibouti	HFFF/JIB	310	
	Sanaa	OYSN/SAH	830	
	Addis Ababa	HAAB/ADD	850	IV
	Asmara (kein KS)	HAAY/ASM	920	
	Khartoum	HSSS/KRT	1330	
Agadir GMAA/AGA	Marrakech	GMMX/RAK	220	
	Casablanca	GMMN/CMN	410	
	Rabat	GMME/RBA	540	
	Las Palmas	GCLP/LPA	690	
	Tanger	GMTT/TNG	770	
	Tenerife-South	GCTS/TFS	790	
	Faro	LPFR/FAO	850	
	Seville	LEZL/SVQ	890	
	Malaga	LEMG/AGP	920	
	Oujda	GMFO/OUD	940	
Algier DAAG/ALG	Ibiza	LEIB/IBZ	320	
	Oran	DAOL/TAF	330	
	Constantine	DABC/CZL	360	
	Palma	LEPA/PMI	360	
	Alicante	LEAL/ALC	450	
	Annaba	DAAB/AAE	450	
	Mahon	LEMH/MAH	450	
	Valencia	LEVC/VLL	520	
	Tebessa	DABS/TEE	530	
	Alghero	LIEA/AHO	680	
	Tunis	DTTA/TUN	680	
	Hassi Messaoud	DAHU/HME	690	
	Jerba	DTTJ/DJE	830	
	Bechar	DAOR/CBH	900	
	Zarzaitine	DAUZ/IAM	1190	
Amsterdam EHAM/AMS	Rotterdam	EHRD/RTM	100	IV(46 t)
	Maastricht	EHBK/MST	210	
	Brussel	EBBR/BRU	220	
	Liege	EBLH/LGG	270	
	Dusseldorf	EDDL/DUS	290	
	Ostend	EBOS/OST	340	
	Lille	LFQQ/LIL	360	
	London	EGKK/LGW	420	
	Reims	LFSR/RHE	420	
	Hamburg	EDDH/HAM	460	
	Paris	LFPO/ORY	580	
	Esbjerg	EKEB/EBJ	630	
	Billund	EKBI/BLL	680	
	Liverpool	EGGP/LPL	770	
Athens LGAT/ATH	Andravida	LGAD/ -	260	
	Kerkira	LGKR/CFU	410	
	Iraklion	LGIR/HER	450	IV
	Thesaloniki	LGTS/SKG	430	
	Rhodos	LGRP/RHO	530	
	Alexandroupolis	LGAL/AXD	530	
	Sofia	LBSF/SOF	690	
	Catania	LICC/CTA	530	
	Dubrovnik	LYDU/DBV	870	
	Larnaca	LCLK/LCA	1060	

RICHTWERTBETANKUNG
Ausweichflugplätze

Tab. 3.3/1

Bestimmungsflugplatz	Ausweichflugplatz	ICAO-/IATA-Kennung	Entfernung (km)	Bemerkungen
Baghdad	Damascus	OSDI/DAM	1070	
ORBS/SDA	Amman	OJAI/AMM	1110	
	Kuwait	OKBK/KWI	1330	
	Larnaca	LCLK/LCA	1480	
Beirut	Larnaca	LCLK/LCA	260	
OLBA/BEY	Aleppo	OSAP/ALP	400	
	Damascus	OSDI/DAM	580	Umflug
	Cairo	HECA/CAI	690	
	Amman	OJAI/AMM	730	Umflug
	Ankara	LTAC/ESB	750	
	Rhodos	LGRP/RHO	790	
	Istanbul	LTBA/IST	1050	
	Iraklion	LGIR/HER	1060	IV
Belgrade	Timisoara	LRTR/TSR	230	
LYBE/BEG	Sarajevo	LYSA/SJJ	270	
	Sofia	LBSF/SOF	390	
	Zagreb	LYZA/ZAG	440	
	Budapest	LHBP/BUD	440	
	Graz	LOWG/GRZ	520	
	Bucharest	LROP/BUH	550	
	Ljubljana	LYLJ/LJU	550	
	Klagenfurt	LOWK/KLU	550	
Berlin	Dresden	ETDN/DRS	220	
ETBS/SXF	Poznan	EPPO/POZ	330	
	Prague	LKPR/PRG	340	
	Copenhagen	EKCH/CPH	460	
	Malmo	ESMS/MMA	480	
	Gdansk	EPGP/GDN	550	
	Vienna	LOWW/VIE	580	
	Linz	LOWL/LNZ	660	
	Bratislava	LKIB/BTS	670	
	Warsaw	EPWA/WAW	560	
	Frankfurt	EDDF/FRA	780	
	Budapest	LHBP/BUD	840	
	Klagenfurt	LOWK/KLU	840	
	Ljubljana	LYLJ/LJU	840	
	Zagreb	LYZA/ZAG	890	
	Poprad	LKTT/TAT	900	
	Stockholm	ESSA/ARN	1060	
Bratislava	Vienna	LOWW/VIE	130	
LKIE/BTS	Budapest	LHBP/BUD	240	
	Poprad	LKTT/TAT	300	
	Prague	LKPR/PRG	380	
	Dresden	ETDN/DRS	550	
	Lvov	UKLL/LWO	600	
	Leipzig	ETLS/LEJ	630	
	Rzeszow	EPRZ/RZE	670	
	Berlin	ETBS/SXF	680	
Brussel	Liege	EBLH/LGG	110	
EBBR/BRU	Lille	LFQQ/LIL	160	
	Ostend	EBOS/OST	180	
	Maastrich	EHBK/MST	190	
	Amsterdam	EHAM/AMS	240	
	Reims	LFRS/RHE	260	
	Cologne-Bonn	EDDK/CGN	280	
	Dusseldorf	EDDL/DUS	280	
	Frankfurt	EDDF/FRA	350	
	Paris -Orly	LFPO/ORY	410	
	London -Gatwick	EGKK/LGW	440	
	Liverpool	EGGP/LPL	620	
	Lyon	LFLL/LYS	760	
	Esbjerg	EKEB/EBJ	770	

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Bestimmungsflugplatz	Ausweichflugplatz	ICAO-/IATA-Kennung	Entfernung (km)	Bemerkungen
Hamburg EDDH/HAM	Hannover	EDVV/HAJ	190	
	Copenhagen	EKCH/CPH	320	
	Dusseldorf	EDDL/DUS	360	
	Malmo	ESMS/MMA	390	
	Cologne-Bonn	EDDK/CGN	430	
	Amsterdam	EHAM/AMS	440	
	Frankfurt	EDDF/FRA	560	
	Brussel	EBBR/BRU	570	
	Oslo/-Fornebu	ENFB/OSL	730	
	Munich	EDDM/MUC	780	
	Berlin	ETBS/SXF	580	
	Oslo/-Gardermoen	ENGM/GEN	830	
	London/-Gatwick	EGKK/LGW	840	
	Stockholm	ESSA/ARN	900	
	Prague	LKPR/PRG	930	
Hanoi/Noi Bai VVNB/NBA	Vientiane	VLIV/VTE	560	
	Danang	VVDN/DAD	660	
	Ho-Chi-Minh-City	VVTS/TSN	1370	
Helsinki EFHK/HEL	Turku	EFTU/TKU	150	
	Tampere	EFTP/TMP	170	
	Jyvaskyla	EFJY/JYV	260	
	Leningrad	ULLL/LED	410	
	Stockholm	ESSA/ARN	420	
	Rovaniemi	EFRO/RVN	740	
	Malmo	ESMS/MMA	970	
	Copenhagen	EKCH/CPH	1020	
Iraklion LGIR/HER	Athens	LGAT/ATH	330	
	Rhodos	LGRD/RHO	330	
	Andravida	LGAD/-	540	
	Thesaloniki	LGTS/SKG	660	
	Kerkira	LGKR/CFU	700	
	Alexandroupolis	LGAL/AXD	700	
	Larnaca	LCLK/LCA	830	
	Sofia	LBSF/SOF	910	
	Cairo	HECA/CAI	1000	
	Malta	LMML/MLA	1390	
Istanbul LTBA/IST	Burgas	LBBG/BOJ	280	
	Alexandroupolis	LGAL/AXD	310	
	Varna	LBWN/VAR	370	
	Constanta	LRCK/CND	380	
	Ankara	LTAC/ESB	400	
	Sofia	LBSF/SOF	500	
	Thesaloniki	LGTS/SKG	590	
	Bucharest	LROP/BUH	630	
	Athens	LGAT/ATH	650	
	Belgrade	LYBE/BEG	900	
	Larnaca	LCLK/LCA	990	
Kabul OAKB/KBL	Kandahar	OAKN/KDH	520	
	Dushanbe	UTDD/DYU	580	
	Samarkand	UTSS/SKD	680	41,0
	Tashkent	UTTT/TAS	880	
Karachi OPKC/KHI	Nawabshah	OPNH/WNS	250	
	Lahore	OPLA/LHE	1030	
	Bombay	VABB/BOM	960	
	Delhi	VIDP/DEL	1160	

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Bestimmungsflugplatz	Ausweichflugplatz	ICAO-/IATA-Kennung	Entfernung (km)	Bemerkungen
Kerkira	Thesaloniki	LGTS/SKG	360	
LGKG/CFU	Athens	LGAT/ATH	450	
	Dubrovnik	LYDU/DBV	500	
	Catania	LICC/CTA	580	
	Alexandroupolis	LGAL/AXD	600	
	Split	LYSP/SPU	660	
	Palermo	LICJ/PMO	720	
	Iraklion	LGIR/HER	750	IV
	Rome-Ciampino	LIRA/CIA	770	
	Rome-Fiumicino	LIRF/FCO	790	
	Istanbul	LTBA/IST	860	
Khartoum	Addis Ababa	HAAB/ADD	1060	IV
HSSS/KRT	Luxor	HELX/LXR	1250	
	Djibouti	HFFF/JIB	1360	
	Entebbe	HUEN/EBB	1820	
Kiev	Odessa	UKOO/ODS	510	
UKBB/KBP	Lvov	UKLL/LWO	540	
	Rzeszow	EPRZ/RZE	670	
	Moscow-Sheremetyevo	UUEE/SVO	860	
	Moscow-Vnukovo	UUWW/VKO	880	
	Bucharest	LROP/BUH	880	
	Kalinin	UUEM/KLD	1180	
	Vilnius	UMWW/VNO	1310	
Klagenfurth	Ljubljana	LYLJ/LJU	140	
LOWK/KLU	Graz	LOWG/GRZ	160	
	Zagreb	LDZA/ZAG	250	
	Pula	LYPL/PUY	270	
	Vienna	LOWW/VIE	280	
	Bratislava	LKIB/BTS	370	
	Venice	LIPZ/VCE	400	
	Budapest	LHBP/BUD	510	
	Belgrade	LYBE/BEG	520	
	Prague	LKPR/PRG	520	
	Milano -Malpensa	LIMC/MXP	560	
Lagos	Cotonou	DBBB/COO	160	
DNMM/LOS	Lome	DXXX/LFW	240	
	Accra	DGAA/ACC	470	
	Port Harcourt	DNPO/PHC	490	
	Calabar	DNCA/CBQ	640	
	Niamey	DRRR/NIM	820	
	Douala	FKKD/DLA	830	
	Kano	DNKN/KAN	840	
	Ouagadougou	DHHH/OUA	840	
	Abidjan	DIAP/ABJ	860	
	Libreville	FOOL/LBV	980	
Larnaca	Aleppo	OSAP/ALP	410	
LCLK/LCA	Rhodos	LGRP/RHO	590	
	Cairo	HECA/CAI	700	
	Ankara	LTAC/ESB	900	
	Istanbul	LTBA/IST	920	
	Iraklion	LGIR/HER	960	IV
	Athens	LGAT/ATH	960	
	Thesaloniki	LGTS/SKG	960	
	Alexandroupolis	LGAL/AXD	1220	

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Bestimmungsflugplatz	Ausweichflugplatz	ICAO-/IATA-Kennung	Entfernung (km)	Bemerkungen
Milano-Malpensa	Torino	LIMF/TRN	200	
LIMC/MXP	Genoa	LIMJ/GOA	200	
	Zurich	LSZH/ZRH	320	
	Venice	LIPZ/VCE	330	
	Geneva	LSGG/GVA	330	
	Forli	LIPK/FRL	360	
	Nice	LFMN/NCE	370	
	Lyon	LFLL/LYS	380	
	Marseille	LFML/MRS	540	
	Rome-Fiumicino	LIRF/FCO	570	
	Pula	LYPL/PUY	580	
	Ljubljana	LYLJ/LJU	580	
	Rome-Ciampino	LIRA/CIA	600	
	Zagreb	LYZA/ZAG	630	
	Klagenfurt	LOWK/KLU	630	
	Alghero	LIEA/AHO	700	
Minsk	Vilnius	UMWW/VNO	260	
UMMM/MSQ	Warsaw	EPWA/WAW	690	
	Moscow-Sheremetyevo	UUEE/SVO	720	
	Moscow-Vnukovo	UUWW/VKO	790	
	Gdansk	EPGD/GDN	860	
	Leningrad	ULLL/LED	870	
	Kalinin	UUEM/KLD	1050	
	Kiev	UKBB/KBP	1210	
Moscow-Sheremetyevo	Moscow-Vnukovo	UUWW/VKO	110	
UUEE/SVO	Kalinin	UUEM/KLD	270	
	Kiev	UKBB/KBP	840	
	Vilnius	UMWW/VNO	850	
	Leningrad	ULLL/LED	910	
	Kuybyshev	UWWW/-	1250	
	Warsaw	EPWA/WAW	1250	
	Odessa	UKOO/ODS	1300	
	Lvov	UKLL/LWO	1310	
	Aktyubinsk	UATT/AKX	1660	
Niamey	Ouagadougou	DHHH/OUA	470	
DRRN/NIM	Kano	DNKN/KAN	740	
	Lagos	DNMM/LOS	820	
	Lome	DXXX/LFW	820	
	Cotonou	DBBB/COO	840	
	Accra	DGAA/ACC	910	
	Abidjan	DIAP/ABJ	1130	
	Bamako	GABS/BKO	1230	
	Port Harcourt	DNPO/PHC	1250	
Odessa	Bucharest	LROP/BUH	490	
UKOO/ODS	Kiev	UKBB/KBP	510	
	Varna	LBWN/VAR	590	
	Burgas	LBBG/BOJ	610	
	Constanta	LRCK/CND	440	
	Lvov	UKLL/LWO	970	
	Timisoara	LRTR/TSR	820	
	Rzeszow	EPRZ/RZE	1070	
	Budapest	LHBP/BUD	1070	
	Moscow-Sheremetyevo	UUEE/SVO	1280	
	Moscow-Vnukovo	UUWW/VNO	1300	
Nouadhibou	Nouakchott	GQNN/NKC	390	
GQPP/NDB	Dakar	GOOY/DKR	730	
	Las Palmas	GCLP/LPA	820	
	Banjul	GBYD/BTH	870	
	Tenerife South	GCTS/TFS	1080	

Tab. 3.3/1

Bestimmungsflugplatz	Ausweichflugplatz	ICAO-/IATA-Kennung	Entfernung (km)	Bemerkungen
Palmermo	Catania	LICC/CTA	290	
LICJ/PMO	Tunis	DTTA/TUN	370	
	Malta	LMML/MLA	410	
	Monastir	DTTM/MIR	420	
	Rome-Ciampino	LIRA/CIA	470	
	Rome-Fiumicino	LIRF/FCO	490	
	Alghero	LIEA/AHO	580	
	Jerba	DTTJ/DJE	640	
	Constantine	DABC/CZL	720	
	Kerkira	LGKR/CFU	740	
	Tripoli	HLLT/TIP	770	
	Algier	DAAG/ALG	970	
Paris/Orly	Reims	LFSR/RHE	190	
LFPO/ORY	Lille	LFQQ/LIL	310	
	Dijon	LFSD/DIJ	330	
	Metz	LFSF/MZM	380	
	Brussel	EBBR/BRU	400	
	Nantes	LFRS/NTE	430	
	London-Gatwick	EGKK/LGW	440	
	Amsterdam	EHAM/AMS	460	
	Cherbourg	LFRC/CER	480	
	Geneva	LSGG/GVA	500	
	Zurich	LSZH/ZRH	510	
	Lyneham	EGDL/LYE	540	
	Frankfurt	EDDF/FRA	560	
	Lyon	LFLL/LYS	590	
Poprad	Bratislava	LKIB/BTS	280	
LKTT/TAT	Budapest	LHBP/BUD	380	
	Lvov	UKLL/LWO	420	
	Rzeszow	EPRZ/RZE	440	
	Prague	LKPR/PRG	540	
	Dresden	ETDN/DRS	710	
	Leipzig	ETLS/LEJ	790	
	Berlin	ETBS/SXF	840	
	Kiev	UKBB/KBP	930	
Pula	Ljubljana	LYLJ/LJU	190	
LYPL/PUY	Zadar	LYLD/ZAD	210	
	Klagenfurt	LOWK/KLU	230	
	Zagreb	LYZA/ZAG	270	
	Graz	LOWG/GRZ	310	
	Venice	LIPZ/VCE	310	
	Split	LYSP/SPU	330	
	Rome-Ciampino	LIRA/CIA	450	
	Sarajevo	LYSA/SJJ	460	
	Dubrovnik	LYDU/DBV	480	
	Vienna	LOWW/VIE	480	
	Bratislava	LKIB/BTS	520	
	Genoa	LIMJ/GOA	560	
	Belgrade	LYBE/BEG	590	
	Budapest	LHBP/BUD	600	
	Sofia	LBSF/SOF	1010	
	Bucharest	LROP/OTP	1110	
Rhodos	Iraklion	LGIR/HER	330	IV
LGRP/RHO	Athens	LGAT/ATH	430	
	Larnaca	LCLK/LCA	610	
	Alexandroupolis	LGAL/AXD	680	
	Andravida	LGAD/-	690	
	Istanbul	LTBA/IST	720	
	Thesaloniki	LGTS/SKG	760	
	Cairo	HECA/CAI	900	
	Aleppo	OSAP/ALP	960	
	Kos	LGKO/KOS	110	

1. ALLGEMEINES

Die Startmassenwerte in den Tabellen (Gross Weight Charts - GWC -134 A) wurden mit Hilfe der vom Hersteller gelieferten Berechnungsunterlagen bestimmt (diese Berechnungsunterlagen und die Bedingungen ihrer Anwendung sind Bestandteil des FZH-134).

Die Tabellen enthalten die zulässigen Startmassen für folgende Startbahnbedingungen:

- Reibungsbeiwert $\mu \geq 0{,}65$
- Reibungsbeiwert $\mu = 0{,}45$
- Reibungsbeiwert $\mu = 0{,}35$

} Startmassen für Reibungsbeiwerte $0{,}25 < \mu < 0{,}65$ können durch Interpolation bzw. Extrapolation bestimmt werden.

- Schicht trockenen Schnees (dry snow) von 10 mm Dicke
- Schicht nassen Schnees (wet snow) von 3mm Dicke

} Die zulässigen Startmassen für geringere Schichtdicken können mit Hilfe der veröffentlichten Unterlagen des Herstellers nicht ermittelt werden, so daß in diesen Fällen sicherheitshalber die hier verzeichneten Werte für 10 bzw. 3 mm dicke Schichten zu verwenden sind.

- Schicht trockenen Schnees (10 mm < Dicke ≤ 50 mm)
- Schicht stehenden Wassers (standing water) von 10 mm Dicke
- Schneematschschicht (slush) von 10 mm Dicke

} In den Tabellen für OAT = 0 °C berechnet.

Einfluß der beiden Niederschlagsarten wurde zur Vereinfachung zusammengefaßt.

Die Berechnung erfolgt mit Hilfe elektronischer Rechentechnik. Die speziell hierfür erarbeiteten Rechnerprogramme führen gelegentlich zu geringen Differenzen gegenüber dem Flugzeughandbuch, die jedoch vernachlässigt werden dürfen. Startmassen über den konstruktiv zulässigen Höchstwerten wurden vom Rechner vielfach durch Extrapolation der Kurvenverläufe der Originalunterlagen gewonnen. Ihre Aufnahme erfolgte, um unnötige Einbußen infolge des Zustands der Triebwerke zu vermeiden. Die Abminderung infolge des Zustands der Triebwerke bzw. die Abminderung für die Variante 134 N ist abhängig von der Art der Beschränkung. Deshalb wurden die Gradientenfälle durch die Angabe in kg unter Weglassung der letzten Ziffer (z.B. 4450) gekennzeichnet.

Der Einfluß von Bahnneigungswinkeln unter $0{,}5^{\circ}$ wurde bei der Berechnung der Tabellen vernachlässigt. Da die zulässige Belastung der Startbahn bei der Berechnung nicht in Betracht gezogen wurde, muß der ermittelte Wert außerdem noch auf seine Zulässigkeit hinsichtlich der Bahnbelastbarkeit überprüft werden.
Eine Berücksichtigung der täglichen Luftdruckänderungen (Abweichung des QNH vom Standardwert 1013 mb) ist nicht erforderlich.
Die vorgeschriebenen Sicherheitsfaktoren bei der Berücksichtigung der Längswindkomponente sind in den Tabellen bereits enthalten, so daß mit den gemeldeten Windgeschwindigkeiten gerechnet werden darf. Die Wahl der Klappenstellung wird in Abhängigkeit von der tatsächlichen Startmasse getroffen. Bei Niederschlagsschichten auf der Startbahn sollte die Klappenstellung 20° bevorzugt werden.
Eine Interpolation zwischen den Werten für Klappenstellung 10° und 20° ist nicht statthaft, dagegen darf zwischen den Temperaturwerten und den Windgeschwindigkeiten interpoliert werden.

Vor jeder Anwendung der Tabellen ist eine Überprüfung der Anwendbarkeit und der Richtigkeit der Ausgangswerte (TORA, TODA, ASDA) notwendig. Sind infolge zeitweiliger Einschränkungen Strecken kürzer als in der Startmassentabelle vorausgesetzt, muß die Startmasse mit Hilfe des Flugzeughandbuches oder einer vergleichbaren Massentabelle dieses Handbuches ermittelt werden. Es ist beispielsweise möglich, die Werte einer anderen Tabelle zu übernehmen, wenn deren Daten (Platzhöhe und verfügbare Strecken) nicht oder nach der sicheren Seite hin abweichen.
Die Tabellen sind für die Variante 134 A gültig.
Die Startmassen für die Variante 134 N werden wie folgt berechnet:

1. Die konstruktive Beschränkung der Variante 134 N beträgt 45 t.
2. Die Gradientenbeschränkung beider Varianten ist gleich.
3. Bei Beschränkungen infolge der verfügbaren Strecken gilt:
   - bei Reibungsbeiwerten $\mu \geq 0{,}65$:

     Startmasse 134 N = Startmasse 134 A minus 500 kg
   - bei Reibungsbeiwerten $\mu < 0{,}65$:

     Startmasse 134 N = Startmasse 134 A minus 1000 kg.

Die mit Hilfe des Verfahrens erhöhter Startgeschwindigkeiten möglichen Massengewinne auf Flugplätzen mit großen verfügbaren Strecken sind in den zutreffenden Tabellen gemäß folgendem Beispiel gekennzeichnet:

4800
10-2

Die Angaben dieses Beispiels bedeuten: Die zulässige Startmasse von 48 t kann um 1000 kg auf 49,0 t erhöht werden, wenn die für 48 t ermittelten Geschwindigkeiten v_1, v_R und v_2 um 2 % erhöht werden.

Die Geschwindigkeit v_1 wird im Normalfalle mit dem zur ermittelten Masse gehörenden Verhältnis v_1/v_R bestimmt. Ist die tatsächliche Masse geringer als die zulässige, kann die Berechnung der v_1 mit dem gleichen Verhältnis bei Anwendung der höchstzulässigen Masse (jedoch nicht über der Begrenzung von 45 t für 134 N und 49 t für 134 A) erfolgen. Auf diese Weise ist die Ermittlung einer möglichst großen zulässigen kritischen Geschwindigkeit gesichert. Bei eingeschränkten Bremsmöglichkeiten empfiehlt sich die Ermittlung einer geringen v_1 durch Anwendung der Klappenstellung 20°, durch Auswahl des kleineren Geschwindigkeitsverhältnisses bei der Interpolation zwischen zwei Reibungsbeiwerten und der Zugrundelegung der tatsächlichen Startmasse.
Die Geschwindigkeiten v_R und v_2 werden immer für die tatsächliche Masse errechnet.

BEISPIEL I:

Annahmen: Startbahn 22 des Flughafens Dresden bei OAT = 10 °C, 5 m/s Gegenwindkomponente und einem Reibungsbeiwert von μ = Ø,4. Die tatsächliche Startmasse des Flugzeugs (VarianteA) betrage 43 t und die Massenabminderung infolge der Triebwerke betrage 0,3 t (für Streckenfälle) bzw. 0,9 t (für Gradientenfälle).

Massenberechnung: Die Startmassen für 20° Landeklappe betragen 49,5 t (für μ = 0,45) und 48,3 t für μ = 0,35). Durch Interpolation erhält man für μ = 0,4:48,9 t. Da es sich um eine Beschränkung infolge der Bahnlängen handelt, ist um 0,3 t auf 48,6 t abzumindern.
Die Startmassen für 10° Landeklappen betragen 47,4 t (für μ = 0,45) und 46,2 t (für μ = 0,35). Durch Interpolation erhält man für μ = 0,4:46,8 t, die auf 46,5 t abgemindert werden müssen. Die tatsächliche Startmasse von 43,0 t erlaubt die Anwendung beider Klappenstellungen.

Geschw.-berechnung: Bei μ = 0,4 kann nicht mehr von ausreichender Bremswirkung gesprochen werden, so daß sich die Klappenstellung 20° und die Berechnung einer geringen v_1 empfiehlt.
Für die zulässige Startmasse von 48,6 t bei 20° Klappenstellung und das durch Interpolation gewonnene Geschwindigkeitsverhältnis von 0,92 findet mab in der Geschwindigkeitstabelle unter 4.2. die kritische Geschwindigkeit v_1 = 247 km/h und für die tatsächliche Startmasse von 43 t v_1 = 234 km/h.

In der Tabelle werden für die tatsächliche Startmasse von 43 t ermittelt:

v_2 = 261 km/h
v_R = 254 km/h.

BEISPIEL II:

Annahmen: Startbahn 07 R des Flughafens Schönefeld bei OAT = 30 °C, 5 m/s Gegenwindkomponente und einem Reibungsbeiwert von μ = 0,65.

Massenberechnung: Für 10° Klappenstellung erhält man unter den angegebenen Bedingungen:

4820
0,5-2
0,97

Bei Anwendung von 2 % größeren Startgeschwindigkeiten darf die zulässige Startmasse von 48,2 t um 500 kg auf 48,7 t erhöht werden.

Geschw.-berechnung: Für 10° Landeklappenwinkel und die zulässige Startmasse von 48,2 t werden mit Hilfe der Geschwindigkeitstabelle unter 4.2. folgende Geschwindigkeiten ermittelt:

v_2 = 289 km/h

v_R = 282 km/h

Diese Geschwindigkeiten sind um 2 % zu erhöhen:

$v_{2_{opt}}$ = 289 • 1,02 = 295 km/h

$v_{R_{opt}}$ = 282 • 1,02 = 288 km/h

Die uneingeschränkte Bremswirkung erlaubt die Anwendung einer hohen v_1, die mit Hilfe des Geschwindigkeitsverhältnisses 0,97 und der zulässigen Startmasse von 48,2 t zu

v_1 = 274 km/h

ermittelt wird.
Bei Erhöhung dieser Geschwindigkeit um 2 % auf $v_{1_{opt}}$ = 274 • 1,02 = 280 km/h

darf die tatsächliche Startmasse bis zu 48,7 t betragen.

BEISPIEL III:

Annahmen: Startbahn 22 des Flughafens Prag bei OAT=15 °C, 10 m/s Gegenwindkomponente und einem Reibungsbeiwert von μ = 0,45 (Variante N).

Massen-berechnung: Für die Variante 134 A erhält man die höchstzulässige Startmasse unter den angenommenen Bedingungen bei 20° Landeklappe von 44,9 t bei einem Verhältnis v_1/v_R von 0,97 bei Beschränkung infolge der verfügbaren Startstrecken.
Infolge der Streckenbeschränkung und des Reibungsbeiwertes μ<0,65 ist zur Ermittlung der zulässigen Startmasse für die Variante 134 N der gefundene Wert von 44,9 t um 1000 kg auf 43,9 t zu verringern.

Geschw.-berechnung: Die Startgeschwindigkeiten werden in der gleichen Weise wie in den Beispielen I und II für die zulässige Masse von 43,9 t bzw. die tatsächliche Startmasse ermittelt.

2. FLUGHAFENLISTE

Um den Umfang des Handbuches zu beschränken, wurde auf eine systematische Ordnung der Flughäfen verzichtet. Nachstehendes alphabetisches Verzeichnis dient dem schnelleren Auffinden der Massentabellen unter 4.3. Für selten angeflogene Flughäfen können diese Tabellen in der Gruppe "Operative Flugvorbereitung" empfangen werden.

Flughafen	ICAO-Kennung	Elevation [m]	Seite
Aleppo	OSAP	389	1
Algiers	DAAG	25	2-3
Alma Ata	UAAA	678	4
Amman	OJAI/OJAM	730/774	5-6
Amsterdam	EHAM	-3	7-8
Ankara	LTAC	953	9
Athens	LGAT	27	10-12
Andravida	LGAD	17	140
Basle-Mulhouse	LFSB	269	13
Beirut	OLBA	26	14-15
Belgrade	LYBE	101	16
Berlin	ETBS	47	17-18
Birmingham	EGBB	99	19
Bratislava	LKIB	133	20-21
Brussels	EBBR	55	22-24
Bucharest	LROP	95	25
Budapest	LHBP	151	26-27
Burgas	LBBG	41	28
Cagliari	LIEE	4	29
Cardiff	EGFF	67	30
Catania	LICC	13	31
Cologne-Bonn	EDDK	91	32-33
Constanta	LRCK	108	34
Copenhagen	EKCH	5	35-38
Damascus	OSDI	616	39
Dresden	ETDN	230	40
Dublin	EIDW	68	41
Dubrovnik	LYDU	161	42
Dusseldorf	EDDL	45	43
East Midlands	EGNX	95	44
Edinburgh	EGPH	41	45
Erfurt	ETEF	315	46
Frankfurt	EDDF	112	47-48
Geneva	LSGG	430	49
Genoa	LIMJ	3	50
Glasgow	EGPF	8	51
Goteborg	ESGG	154	52
Graz	LOWG	340	53
Hamburg	EDDH	16	54-55
Hannover	EDVV	56	56
Helsinki	EFHK	51	57-58
Iraklion	LGIR	35	59
Istanbul	LTBA	48	60-61
Jerba	DTTJ	5	62
Kalinin	UUEM	143	63
Kiev	UKBB	130	64
Klagenfurt	LOWK	448	65
Kos	LGKO	125	66
Larnaca	LCLK	2	67
Leipzig	ETLS	142	68
Leningrad	ULLL	24	69
Linz	LOWL	298	70
Liverpool	EGGP	26	71
Ljubljana	LYLJ	388	72
London-Gatwick	EGKK	62	73
London-Heathrow	EGLL	24	74
London-Stansted	EGSS	106	75
Lvov	UKLL	326	76
Malmo	ESMS	72	77
Malta	LMML	91	78-79
Manchester	EGCC	78	80
Milan-Linate	LIMM	107	81
Milan-Malpensa	LIMC	234	82-83
Minsk	UMMM	228	84
Monastir	DTTM	2	85
Moscow-Sheremetyevo	UUEE	191	86
Moscow-Vnukovo	UUWW	208	87
Munich	EDDM	529	88
Naples	LIRN	88	89
Nice	LFMN	4	90
Odessa	UKOO	52	91
Oran	DAOL	112	92
Ostend	EBOS	4	93

location			ALEPPO															
			SYRIAN A.R.				NEIRAB				OSAP							
RWY	elev.[m]		09				389				27				389			
slope	stength		< 0,5				LCN60				< 0,5				LCN60			
TORA	[m]		2870								2870							
TODA			2870								3020							
ASDA			2870								3020							
LDA			2870								2870							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	47.3	50.0	50.0	50.0	48.7	50.0	50.0	50.0	48.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	46.9	50.0	50.0	50.0	47.9	50.0	50.0	50.0	48.2	50.0	50.0	50.0	49.3	50.0	50.0	50.0
		10	46.6	50.0	50.0	50.0	47.2	4920	4920	4920	47.9	50.0	50.0	50.0	48.5	4920	4920	4920
		15	45.5	49.3	50.0	50.0	46.5	4750	4750	4750	46.8	50.0	50.0	50.0	4750	4750	4750	4750
		20	44.2	47.8	49.2	50.0	45.7	4580	4580	4580	45.4	49.1	50.0	50.0	4580	4580	4580	4580
		25	42.9	46.4	47.7	4830 01-1	4410	4410	4410	4410	44.1	47.6	4830	4830 04-2	4410	4410	4410	4410
		30	41.7	45.1	46.4	4640 06-1	4240	4240	4240	4240	42.8	46.2	4640 05-1	4640 12-2	4240	4240	4240	4240
		35																
	$V_1 : V_R$		0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00	0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	45.4	49.1	50.0	50.0	46.8	50.0	50.0	50.0	46.7	50.0	50.0	50.0	48.0	50.0	50.0	50.0
		5	45.1	48.7	50.0	50.0	46.1	49.8	50.0	50.0	46.3	50.0	50.0	50.0	47.3	50.0	50.0	50.0
		10	44.8	48.4	49.7	50.0	45.4	49.1	4920	4920	46.0	49.6	50.0	50.0	46.6	4920	4920	4920
		15	43.8	47.3	48.6	49.9	44.7	4750	4750	4750	44.9	48.5	49.8	50.0	45.9	4750	4750	4750
		20	42.5	45.9	47.2	48.4	44.0	4580	4580	4580	43.6	47.0	48.3	49.6	45.1	4580	4580	4580
		25	41.3	44.5	45.8	47.0	42.7	4410	4410	4410	42.4	45.7	46.9	48.2	43.3	4410	4410	4410
		30	40.1	43.3	44.5	45.6	41.4	4240	4240	4240	41.1	44.4	45.6	4640	4240	4240	4240	4240
		35																
	$V_1 : V_R$		0.91	0.93	0.94	0.95	0.93	0.96	0.97	0.98	0.91	0.94	0.95	0.96	0.94	0.97	0.98	0.99
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	44.2	47.8	49.1	50.0	45.6	49.2	50.0	50.0	45.4	48.9	50.0	50.0	46.8	50.0	50.0	50.0
		5	43.9	47.4	48.7	50.0	44.9	48.4	49.7	50.0	45.1	48.6	49.9	50.0	46.0	49.7	50.0	50.0
		10	43.6	47.1	48.4	49.6	44.2	47.7	48.9	4920	44.8	48.2	49.6	50.0	45.3	48.9	4920	4920
		15	42.6	46.0	47.3	48.5	43.6	47.0	4750	4750	43.7	47.1	48.4	49.7	44.7	4750	4750	4750
		20	41.4	44.6	45.9	47.1	42.8	4580	4580	4580	42.5	45.8	47.0	48.2	43.9	4580	4580	4580
		25	40.2	43.3	44.5	45.7	41.6	4410	4410	4410	41.2	44.4	45.6	46.8	42.6	4410	4410	4410
		30	39.0	42.1	43.3	44.4	40.3	4240	4240	4240	40.0	43.1	44.3	45.4	41.4	4240	4240	4240
		35																
	$V_1 : V_R$		0.86	0.89	0.91	0.91	0.89	0.92	0.93	0.94	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95
10 mm slush or standing water	OAT [°C]	0	40.6	44.0	45.3	46.5	42.0	45.4	46.6	47.8	41.7	45.1	46.4	47.7	43.0	46.5	47.7	49.0
		5	40.3	43.7	44.9	46.2	41.4	44.7	45.9	47.1	41.4	44.8	46.1	47.3	42.4	45.8	47.0	48.2
		10	40.0	43.4	44.6	45.9	40.8	44.0	45.2	46.4	41.1	44.5	45.7	47.0	41.8	45.1	46.3	47.5
		15	39.1	42.4	43.6	44.8	40.2	43.3	44.5	45.7	40.1	43.4	44.7	45.9	41.1	44.4	45.6	46.8
		20	----	41.1	42.3	43.5	39.5	42.6	43.8	44.9	----	42.2	43.4	44.6	40.5	43.7	44.8	4580
		25	----	39.9	41.1	42.2	----	41.4	42.5	43.6	----	41.0	42.1	43.3	39.3	42.4	43.5	4410
		30	----	----	39.9	41.0	----	40.1	41.2	42.3	----	39.8	40.9	42.0	----	41.1	42.2	4240
		35																
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93	0.87	0.90	0.90	0.91	0.89	0.92	0.93	0.94
10-50mm dry snow	$V_1 : V_R$																	

location		ALGIERS ALGERIA H.-BOUMEDIENE DAAG			
RWY	elev.[m]	06/24	25		
slope	stength	< 0,5	SIWL 49,0 t		
TORA	[m]	3500			
TODA		3500			
ASDA		3500			
LDA		3500			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4920	4920	4920	4920								
	20	50.0	50.0	50.0	50.0	4750	4750	4750	4750								
	25	50.0	50.0	50.0	50.0	4570	4570	4570	4570								
	30	4830	4830	4830	4830	4400	4400	4400	4400								
			04-2	04-2	04-2												
	35	4640	4640	4640	4640	4230	4230	4230	4230								
		02-1	18-3	18-3	18-3												
	$V_1 : V_R$	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4920	4920	4920	4920								
	20	49.4	50.0	50.0	50.0	4750	4750	4750	4750								
	25	47.9	50.0	50.0	50.0	4570	4570	4570	4570								
	30	46.5	4830	4830	4830	4400	4400	4400	4400								
	35	45.2	4640	4640	4640	4230	4230	4230	4230								
	$V_1 : V_R$	0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	49.3	50.0	50.0	50.0	4920	4920	4920	4920								
	20	48.0	50.0	50.0	50.0	4750	4750	4750	4750								
	25	46.6	50.0	50.0	50.0	4570	4570	4570	4570								
	30	45.2	4830	4830	4830	4400	4400	4400	4400								
	35	43.9	4640	4640	4640	4230	4230	4230	4230								
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.98								
10 mm slush or standing water	OAT [°C] 0	46.0	49.7	50.0	50.0	47.4	50.0	50.0	50.0								
	5	45.8	49.4	50.0	50.0	46.8	50.0	50.0	50.0								
	10	45.5	49.1	50.0	50.0	46.2	49.9	50.0	50.0								
	15	45.2	48.8	50.0	50.0	45.6	4920	4920	4920								
	20	44.1	47.6	48.9	50.0	45.0	4750	4750	4750								
	25	42.8	46.2	47.4	48.7	44.2	4570	4570	4570								
	30	41.5	44.8	46.1	47.3	42.9	4400	4400	4400								
	35	40.3	43.5	44.7	45.9	41.7	4230	4230	4230								
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96								
10-50mm dry snow	$V_1 : V_R$																

location			ALGIERS Algeria H.-Boumediene								DAAG							
RWY	elev.[m]		10				25				28				25			
slope	stength		<0,5				SIWL 37 t				<0,5				SIWL 37 t			
TORA	[m]		2350								2350							
TODA			2350								2650							
ASDA			2350								2650							
LDA			2350								2350							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	43.5	47.3	48.7	50.0	44.9	48.7	50.0	50.0	46.2	50.0	50.0	50.0	47.7	50.0	50.0	50.0
		5	43.3	47.0	48.5	49.9	44.3	48.1	49.4	50.0	45.8	49.8	50.0	50.0	47.1	50.0	50.0	50.0
		10	43.0	46.8	48.2	49.6	43.8	47.5	48.7	50.0	45.4	49.4	50.0	50.0	46.6	50.0	50.0	50.0
		15	42.8	46.5	47.9	49.3	43.2	46.9	48.1	4920	45.0	49.0	50.0	50.0	46.0	4920	4920	4920
		20	41.7	45.3	46.7	48.0	42.7	46.3	4750	4750	44.2	48.1	49.6	50.0	45.4	4750	4750	4750
		25	40.5	44.0	45.3	46.6	41.9	45.5	4570	4570	42.9	46.7	48.1	49.5	44.6	4570	4570	4570
		30	39.3	42.7	44.0	45.2	40.7	4400	4400	4400	41.6	45.3	46.7	48.0	43.3	4400	4400	4400
		35	----	41.4	42.7	43.9	39.5	4230	4230	4230	40.4	43.9	45.3	4640	42.0	4230	4230	4230
	$V_1 : V_R$		0.94	0.97	0.97	0.98	0.96	0.99	1.00	1.00	0.97	0.99	0.98	0.99	0.97	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	42.0	45.5	46.9	48.2	43.4	46.9	48.2	49.5	44.3	48.2	49.6	50.0	46.0	49.8	50.0	50.0
		5	41.7	45.3	46.6	47.9	42.8	46.3	47.6	48.8	44.0	47.8	49.2	50.0	45.4	49.2	50.0	50.0
		10	41.5	45.0	46.4	47.7	42.3	45.8	47.0	48.2	43.6	47.3	48.8	50.0	44.9	48.5	49.8	50.0
		15	41.3	44.8	46.1	47.4	41.8	45.2	46.4	47.6	43.2	46.9	48.3	49.7	44.3	47.9	49.2	4920
		20	40.2	43.6	44.9	46.2	41.3	44.6	45.8	47.0	42.5	46.1	47.5	48.8	43.8	47.3	4750	4750
		25	39.0	42.3	43.6	44.8	40.6	43.8	45.0	4570	41.2	44.8	46.1	47.4	43.0	4570	4570	4570
		30	----	41.1	42.3	43.5	39.4	42.5	43.7	4400	40.0	43.4	44.7	46.0	41.7	4400	4400	4400
		35	----	39.9	41.1	42.2	----	41.3	4230	4230	----	42.1	43.4	44.6	40.5	4230	4230	4230
	$V_1 : V_R$		0.89	0.92	0.92	0.93	0.91	0.94	0.95	0.95	0.91	0.94	0.95	0.95	0.92	0.95	0.96	0.97
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	41.0	44.4	45.7	47.0	42.4	45.8	47.0	48.3	43.2	46.8	48.2	49.5	44.9	48.4	49.7	50.0
		5	40.7	44.1	45.4	46.7	41.9	45.2	46.4	47.7	42.8	46.4	47.8	49.1	44.3	47.8	49.1	50.0
		10	40.5	43.9	45.2	46.4	41.4	44.6	45.9	47.1	42.4	46.0	47.4	48.7	43.8	47.2	48.5	49.7
		15	40.3	43.6	44.9	46.2	40.9	44.1	45.3	46.5	42.1	45.6	47.0	48.3	43.2	46.6	47.9	49.1
		20	39.2	42.5	43.8	45.0	40.4	43.5	44.7	45.9	41.3	44.9	46.2	47.4	42.7	46.1	47.3	4750
		25	----	41.3	42.5	43.7	39.7	42.8	43.9	45.1	40.1	43.5	44.8	46.0	41.8	45.3	4570	4570
		30	----	40.1	41.2	42.4	----	41.5	42.6	43.8	----	42.2	43.4	44.6	40.7	43.9	4400	4400
		35	----	----	40.1	41.2	----	40.3	41.4	4230	----	40.9	42.1	43.3	39.5	4230	4230	4230
	$V_1 : V_R$		0.84	0.88	0.89	0.89	0.86	0.90	0.91	0.92	0.87	0.90	0.91	0.92	0.88	0.91	0.92	0.93
10 mm slush or standing water	OAT [°C]	0	----	40.9	42.1	43.4	39.3	42.4	43.6	44.8	39.6	43.1	44.5	45.8	41.4	44.7	46.0	47.2
		5	----	40.7	41.9	43.1	----	41.9	43.1	44.2	39.3	42.8	44.1	45.4	40.9	44.2	45.4	46.6
		10	----	40.4	41.7	42.9	----	41.4	42.5	43.7	----	42.4	43.7	45.0	40.4	43.6	44.8	46.0
		15	----	40.2	41.4	42.6	----	40.8	42.0	43.1	----	42.0	43.3	44.6	39.9	43.1	44.3	45.5
		20	----	39.2	40.4	41.5	----	40.3	41.5	42.6	----	41.3	42.6	43.8	39.4	42.6	43.7	44.9
		25	----	----	39.2	40.3	----	39.6	40.7	41.9	----	40.1	41.3	42.5	----	41.8	43.0	44.1
		30	----	----	----	39.2	----	----	39.6	40.6	----	----	40..	41.2	----	40.6	41.7	42.8
		35	----	----	----	----	----	----	----	39.4	----	----	----	40.0	----	39.4	40.5	41.6
	$V_1 : V_R$		0.82	0.88	0.88	0.89	0.83	0.89	0.91	0.92	0.86	0.90	0.91	0.91	0.88	0.91	0.92	0.93
10-50mm dry snow	$V_1 : V_R$																	

location			ALMA ATA													
			USSR				ALMA ATA				UAAA					
RWY	elev.[m]		05/23				678									
slope	stength		<0,5				PCN34									
TORA	[m]		4400													
TODA			4800													
ASDA			4800													
LDA			4400													
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	4940	4940	4940	4940								
		10	50.0	50.0	50.0	50.0	4770	4770	4770	4770								
		15	50.0	50.0	50.0	50.0	4610	4610	4610	4610								
		20	4870	4870	4870	4870	4440	4440	4440	4440								
			08-1	08-1	08-1	08-1												
		25	4680	4680	4680	4680	4280	4280	4280	4280								
			13-3	13-3	13-3	13-3												
		30	4490	4490	4490	4490	4110	4110	4110	4110								
			26-4	26-4	26-4	26-4												
		35																
	$V_1 : V_R$		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	4940	4940	4940	4940								
		10	50.0	50.0	50.0	50.0	4770	4770	4770	4770								
		15	50.0	50.0	50.0	50.0	4610	4610	4610	4610								
		20	4870	4870	4870	4870	4440	4440	4440	4440								
		25	4680	4680	4680	4680	4280	4280	4280	4280								
		30	4490	4490	4490	4490	4110	4110	4110	4110								
		35																
	$V_1 : V_R$		0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	4940	4940	4940	4940								
		10	50.0	50.0	50.0	50.0	4770	4770	4770	4770								
		15	50.0	50.0	50.0	50.0	4610	4610	4610	4610								
		20	4870	4870	4870	4870	4440	4440	4440	4440								
		25	4680	4680	4680	4680	4280	4280	4280	4280								
		30	4490	4490	4490	4490	4110	4110	4110	4110								
		35																
	$V_1 : V_R$		0.93	0.96	0.96	0.96	0.99	1.00	1.00	1.00								
10 mm slush or standing water	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	4940	4940	4940	4940								
		10	50.0	50.0	50.0	50.0	4770	4770	4770	4770								
		15	48.8	50.0	50.0	50.0	4610	4610	4610	4610								
		20	47.4	4870	4870	4870	4440	4440	4440	4440								
		25	46.0	4680	4680	4680	4280	4280	4280	4280								
		30	44.7	4490	4490	4490	4110	4110	4110	4110								
		35																
	$V_1 : V_R$		0.92	0.95	0.96	0.97	0.96	1.00	1.00	1.00								
10-50mm dry snow			50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	$V_1 : V_R$		0.87	0.90	0.90	0.90	0.93	0.98	1.00	1.00								

location		AMMAN JORDAN QUEEN ALIA INT'L OJAI															
RWY	elev.[m]	08R/26L 08L/26R				730											
slope	stength	< 0,5				LCN110											
TORA	[m]	3360															
TODA		4503															
ASDA		3810															
LDA		3360															
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	4910	4910	4910	4910								
	10	50.0	50.0	50.0	50.0	4740	4740	4740	4740								
	15	50.0	50.0	50.0	50.0	4580	4580	4580	4580								
	20	4840 10-1	4840 10-1	4840 10-1	4840 10-1	4420	4420	4420	4420								
	25	4650 10-3	4650 16-3	4650 16-3	4650 16-3	4250	4250	4250	4250								
	30	4470 16-3	4470 23-5	4470 23-5	4470 23-5	4090	4090	4090	4090								
	35																
	$V_1 : V_R$	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	4910	4910	4910	4910								
	10	49.7	50.0	50.0	50.0	4740	4740	4740	4740								
	15	48.2	50.0	50.0	50.0	4580	4580	4580	4580								
	20	46.8	4840	4840	4840	4420	4420	4420	4420								
	25	45.4	4650	4650	4650	4250	4250	4250	4250								
	30	44.0	4470	4470	4470	4090	4090	4090	4090								
	35																
	$V_1 : V_R$	0.95	0.94	0.95	0.95	0.97	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	48.8	50.0	50.0	50.0	4910	4910	4910	4910								
	10	48.1	50.0	50.0	50.0	4740	4740	4740	4740								
	15	46.7	50.0	50.0	50.0	4580	4580	4580	4580								
	20	45.3	4840	4840	4840	4420	4420	4420	4420								
	25	43.9	4650	4650	4650	4250	4250	4250	4250								
	30	42.6	4470	4470	4470	4090	4090	4090	4090								
	35																
	$V_1 : V_R$	0.91	0.90	0.90	0.91	0.93	0.97	0.98	0.99								
10 mm slush or standing water	OAT [°C] 0	45.5	49.2	50.0	50.0	47.0	50.0	50.0	50.0								
	5	44.8	48.5	49.9	50.0	46.9	4910	4910	4910								
	10	44.2	47.8	49.2	50.0	45.8	4740	4740	4740								
	15	42.9	46.4	47.7	48.9	44.6	4580	4580	4580								
	20	41.6	45.0	46.3	47.5	43.5	4420	4420	4420								
	25	40.3	43.7	44.9	46.1	42.3	4250	4250	4250								
	30	39.1	42.3	43.5	4470	4090	4090	4090	4090								
	35																
	$V_1 : V_R$	0.91	0.93	0.94	0.91	0.92	0.95	0.96	0.95								
10-50mm dry snow	$V_1 : V_R$																

location		AMMAN			
		JORDAN MARKA		OJAM	
RWY	elev.[m]	06	774	24	774
slope	stength	0,9 downhill	LCN75	0,9 uphill	LCN75
TORA	[m]	3286		3286	
TODA		3615		3600	
ASDA		3406		3510	
LDA		3286		3286	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	4890	4890	4890	4890	50.0	50.0	50.0	50.0	4890	4890	4890	4890
	10	50.0	50.0	50.0	50.0	4720	4720	4720	4720	48.9	50.0	50.0	50.0	4720	4720	4720	4720
	15	49.3	5000	5000	5000	4560	4560	4560	4560	47.5	5000	5000	5000	4560	4560	4560	4560
	20	47.8	4810	4810	4810	4400	4400	4400	4400	46.1	4810	4810	4810	4400	4400	4400	4400
			06-2	06-2	06-2						09-1	06-2	06-2				
	25	4630	4630	4630	4630	4230	4230	4230	4230	44.8	4630	4630	4630	4230	4230	4230	4230
			16-3	19-3	19-3						07-2	14-3	19-3				
	30	4440	4440	4440	4440	4070	4070	4070	4070	43.5	4440	4440	4440	4070	4070	4070	4070
		02-1	21-3	26-4	25-5						13-2	19-3	26-4				
	35																
	$V_1 : V_R$	0.95	0.98	0.99	1.00	0.99	1.00	1.00	1.00	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0	49.5	50.0	50.0	50.0
	5	49.9	50.0	50.0	50.0	4890	4890	4890	4890	47.7	50.0	50.0	50.0	4890	4890	4890	4890
	10	48.9	50.0	50.0	50.0	4720	4720	4720	4720	46.8	50.0	50.0	50.0	4720	4720	4720	4720
	15	47.4	5000	5000	5000	4560	4560	4560	4560	45.4	48.9	5000	5000	4560	4560	4560	4560
	20	46.1	4810	4810	4810	4400	4400	4400	4400	44.1	47.4	4810	4810	4400	4400	4400	4400
	25	44.7	4630	4630	4630	4230	4230	4230	4230	42.8	46.1	4630	4630	4230	4230	4230	4230
	30	43.4	4440	4440	4440	4070	4070	4070	4070	41.5	4440	4440	4440	4070	4070	4070	4070
	35																
	$V_1 : V_R$	0.89	0.93	0.94	0.95	0.93	0.98	0.99	1.00	0.94	0.97	0.98	0.99	0.97	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	46.9	50.0	50.0	50.0	48.0	50.0	50.0	50.0
	5	48.5	50.0	50.0	50.0	4890	4890	4890	4890	46.2	49.9	50.0	50.0	47.5	4890	4890	4890
	10	47.7	50.0	50.0	50.0	4720	4720	4720	4720	45.4	48.8	50.0	50.0	46.6	4720	4720	4720
	15	46.3	49.4	5000	5000	4560	4560	4560	4560	44.1	47.4	48.7	49.9	45.5	4560	4560	4560
	20	44.9	48.0	4810	4810	4400	4400	4400	4400	42.8	46.0	47.2	4810	4400	4400	4400	4400
	25	43.6	4630	4630	4630	4230	4230	4230	4230	41.5	44.7	45.9	4630	4230	4230	4230	4230
	30	42.3	4440	4440	4440	4070	4070	4070	4070	40.2	43.4	4440	4440	4070	4070	4070	4070
	35																
	$V_1 : V_R$	0.86	0.89	0.90	0.91	0.89	0.94	0.95	0.96	0.91	0.93	0.94	0.95	0.93	0.97	0.97	0.98
10 mm slush or standing water	OAT [°C] 0	45.1	48.6	49.8	50.0	46.3	49.9	50.0	50.0	43.1	46.7	48.0	49.3	44.4	48.1	49.3	50.0
	5	44.5	48.0	49.3	50.0	45.5	4890	4890	4890	42.5	46.1	47.5	48.7	43.7	47.2	48.5	4890
	10	43.7	47.0	48.2	49.4	44.6	4720	4720	4720	41.8	45.2	46.4	47.7	42.9	46.4	4720	4720
	15	42.4	45.6	46.8	47.9	43.7	4560	4560	4560	40.6	43.8	45.1	46.3	42.0	45.4	4560	4560
	20	41.1	44.3	45.4	46.6	42.4	4400	4400	4400	39.3	42.6	43.8	44.9	40.8	4400	4400	4400
	25	39.9	43.0	44.1	45.2	41.2	4230	4230	4230	----	41.4	42.5	43.7	39.6	4230	4230	4230
	30	----	41.8	42.9	43.9	39.9	4070	4070	4070	----	40.1	41.3	42.4	----	4070	4070	4070
	35																
	$V_1 : V_R$	0.86	0.88	0.89	0.90	0.87	0.91	0.92	0.93	0.90	0.92	0.93	0.94	0.91	0.95	0.96	0.96
10-50mm dry snow	$V_1 : V_R$																

location		AMSTERDAM NETHERLANDS SCHIPHOL EHAM			
RWY	elev.[m]	09/27	-3		
slope	stength	< 0,5	PCN82		
TORA	[m]	3453			
TODA		3513			
ASDA		3453			
LDA		3453			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4940	4940	4940	4940								
	20	50.0	50.0	50.0	50.0	4760	4760	4760	4760								
	25	50.0	50.0	50.0	50.0	4590	4590	4590	4590								
	30	4850 09-1	4850 09-1	4850 09-1	4850 09-1	4410	4410	4410	4410								
	35	4650 01-1	4650 16-3	4650 16-3	4650 16-3	4240	4240	4240	4240								
	$V_1 : V_R$	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4940	4940	4940	4940								
	20	49.5	50.0	50.0	50.0	4760	4760	4760	4760								
	25	48.0	50.0	50.0	50.0	4590	4590	4590	4590								
	30	46.6	4850	4850	4850	4410	4410	4410	4410								
	35	45.3	4650	4650	4650	4240	4240	4240	4240								
	$V_1 : V_R$	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	49.3	50.0	50.0	50.0	4940	4940	4940	4940								
	20	48.1	50.0	50.0	50.0	4760	4760	4760	4760								
	25	46.7	50.0	50.0	50.0	4590	4590	4590	4590								
	30	45.3	4850	4850	4850	4410	4410	4410	4410								
	35	44.0	4650	4650	4650	4240	4240	4240	4240								
	$V_1 : V_R$	0.88	0.91	0.92	0.94	0.91	0.95	0.96	0.97								
10 mm slush or standing water	OAT [°C] 0	46.0	49.7	50.0	50.0	47.4	50.0	50.0	50.0								
	5	45.8	49.4	50.0	50.0	46.8	50.0	50.0	50.0								
	10	45.5	49.1	50.0	50.0	46.2	49.9	50.0	50.0								
	15	45.3	48.8	50.0	50.0	45.6	49.3	4940	4940								
	20	44.2	47.7	49.0	50.0	45.1	4760	4760	4760								
	25	42.9	46.3	47.5	48.8	44.3	4590	4590	4590								
	30	41.6	44.9	46.1	47.3	43.0	4410	4410	4410								
	35	40.4	43.6	44.8	46.0	41.8	4240	4240	4240								
	$V_1 : V_R$	0.88	0.90	0.91	0.92	0.90	0.93	0.94	0.95								
10-50mm dry snow		48.5	50.0	50.0	50.0	49.8	50.0	50.0	50.0								
	$V_1 : V_R$	0.83	0.86	0.87	0.88	0.85	0.89	0.91	0.92								

location		AMSTERDAM NETHERLANDS SCHIPHOL EHAM			
RWY	elev.[m]	01R/19L	- 3	01L/19R	- 3
slope	stength	< 0,5	PCN82 R/C/1,7/T	< 0,5	PCN82 R/C/1,7/T
TORA	[m]	3400		3300	
TODA	[m]	3400		3300	
ASDA	[m]	3400		3300	
LDA	[m]	3400		3300	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4940	4940	4940	4940	50.0	50.0	50.0	50.0	4940	4940	4940	4940
	20	50.0	50.0	50.0	50.0	4760	4760	4760	4760	50.0	50.0	50.0	50.0	4760	4760	4760	4760
	25	49.5	50.0	50.0	50.0	4590	4590	4590	4590	48.7	50.0	50.0	50.0	4590	4590	4590	4590
	30	48.0	4850	4850	4850	4410	4410	4410	4410	47.3	4850	4850	4850	4410	4410	4410	4410
			09-1	09-1	09-1						09-1	09-1	09-1				
	35	4650	4650	4650	4650	4240	4240	4240	4240	45.9	4650	4650	4650	4240	4240	4240	4240
			16-3	16-3	16-3						11-3	16-3	16-3				
	V_1 : V_R	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4940	4940	4940	4940	49.3	50.0	50.0	50.0	4940	4940	4940	4940
	20	48.9	50.0	50.0	50.0	4760	4760	4760	4760	48.1	50.0	50.0	50.0	4760	4760	4760	4760
	25	47.4	50.0	50.0	50.0	4590	4590	4590	4590	46.7	50.0	50.0	50.0	4590	4590	4590	4590
	30	46.0	4850	4850	4850	4410	4410	4410	4410	45.3	4850	4850	4850	4410	4410	4410	4410
	35	44.7	4650	4650	4650	4240	4240	4240	4240	44.0	4650	4650	4650	4240	4240	4240	4240
	V_1 : V_R	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.5	50.0	50.0	50.0	49.5	50.0	50.0	50.0
	10	49.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0	48.2	50.0	50.0	50.0	48.9	50.0	50.0	50.0
	15	48.7	50.0	50.0	50.0	49.0	4940	4940	4940	48.0	50.0	50.0	50.0	48.3	4940	4940	4940
	20	47.5	50.0	50.0	50.0	4760	4760	4760	4760	46.8	50.0	50.0	50.0	4760	4760	4760	4760
	25	46.1	49.5	50.0	50.0	4590	4590	4590	4590	45.4	48.8	50.0	50.0	4590	4590	4590	4590
	30	44.7	48.1	4850	4850	4410	4410	4410	4410	44.1	47.4	4850	4850	4410	4410	4410	4410
	35	43.5	4650	4650	4650	4240	4240	4240	4240	42.8	46.0	4650	4650	4240	4240	4240	4240
	V_1 : V_R	0.88	0.91	0.93	0.94	0.91	0.95	0.96	0.97	0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.96
10 mm slush or standing water	OAT [°C] 0	45.4	49.1	50.0	50.0	46.8	50.0	50.0	50.0	44.7	48.4	49.7	50.0	46.1	49.8	50.0	50.0
	5	45.2	48.8	50.0	50.0	46.2	49.9	50.0	50.0	44.5	48.1	49.4	50.0	45.5	49.2	50.0	50.0
	10	44.9	48.5	49.9	50.0	45.6	49.3	50.0	50.0	44.2	47.8	49.2	50.0	45.0	48.5	49.8	50.0
	15	44.7	48.2	49.6	50.0	45.1	48.7	4940	4940	44.0	47.5	48.9	50.0	44.4	47.9	49.2	4940
	20	43.6	47.1	48.4	49.7	44.5	4760	4760	4760	42.9	46.4	47.7	49.0	43.9	47.3	4760	4760
	25	42.3	45.7	47.0	48.2	43.8	4590	4590	4590	41.7	45.0	46.3	47.5	43.1	4590	4590	4590
	30	41.1	44.4	45.6	46.8	42.5	4410	4410	4410	40.5	43.7	44.9	46.1	41.9	4410	4410	4410
	35	39.9	43.1	44.3	45.4	41.2	4240	4240	4240	39.3	42.4	43.6	44.8	40.6	4240	4240	4240
	V_1 : V_R	0.88	0.91	0.92	0.93	0.90	0.94	0.94	0.95	0.87	0.90	0.91	0.92	0.90	0.93	0.94	0.95
10-50mm dry snow		47.9	50.0	50.0	50.0	49.2	50.0	50.0	50.0	47.2	50.0	50.0	50.0	48.4	50.0	50.0	50.0
	V_1 : V_R	0.83	0.86	0.87	0.88	0.85	0.89	0.91	0.92	0.82	0.86	0.87	0.88	0.85	0.89	0.90	0.91

location		ANKARA TURKEY ESENBOGA LTAC			
RWY	elev.[m]	03/21	953		
slope	stength	< 0,5	LCN58		
TORA	[m]	3752			
TODA		3752			
ASDA		3812			
LDA		3752			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	4960	4960	4960	4960								
	5	50.0	50.0	50.0	50.0	4790	4790	4790	4790								
	10	50.0	50.0	50.0	50.0	4630	4630	4630	4630								
	15	48.9	4900	4900	4900	4470	4470	4470	4470								
			05-1	05-1	05-1												
	20	4710	4710	4710	4710	4310	4310	4310	4310								
			16-2	16-2	16-2												
	25	4530	4530	4530	4530	4150	4150	4150	4150								
		03-1	17-4	22-4	22-4												
	30	4350	4350	4350	4350	3990	3990	3990	3990								
		08-1	22-4	29-5	29-6												
	35																
	$V_1 : V_R$	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	4960	4960	4960	4960								
	5	49.6	50.0	50.0	50.0	4790	4790	4790	4790								
	10	48.2	50.0	50.0	50.0	4630	4630	4630	4630								
	15	46.8	4900	4900	4900	4470	4470	4470	4470								
	20	45.4	4710	4710	4710	4310	4310	4310	4310								
	25	44.1	4530	4530	4530	4150	4150	4150	4150								
	30	42.9	4350	4350	4350	3990	3990	3990	3990								
	35																
	$V_1 : V_R$	0.94	0.97	0.98	0.99	0.98	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.9	50.0	50.0	50.0	4960	4960	4960	4960								
	5	48.2	50.0	50.0	50.0	4790	4790	4790	4790								
	10	46.8	50.0	50.0	50.0	4630	4630	4630	4630								
	15	45.4	48.7	4900	4900	4470	4470	4470	4470								
	20	44.1	4710	4710	4710	4310	4310	4310	4310								
	25	42.9	4530	4530	4530	4150	4150	4150	4150								
	30	41.7	4350	4350	4350	3990	3990	3990	3990								
	35																
	$V_1 : V_R$	0.90	0.93	0.94	0.95	0.93	0.98	0.99	1.00								
10 mm slush or standing water	OAT [°C] 0	45.0	48.4	49.8	50.0	46.3	4960	4960	4960								
	5	44.3	47.7	49.0	50.0	45.4	4790	4790	4790								
	10	43.0	46.3	47.6	48.8	44.5	4630	4630	4630								
	15	41.8	45.0	46.2	47.4	43.2	4470	4470	4470								
	20	40.6	43.7	44.9	46.0	41.9	4310	4310	4310								
	25	39.4	42.4	43.6	44.7	40.7	4150	4150	4150								
	30	----	41.3	42.4	43.5	39.5	3990	3990	3990								
	35																
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.92	0.96	0.96	0.97								
10-50mm dry snow		47.2	50.0	50.0	50.0	48.6	4960	4960	4960								
	$V_1 : V_R$	0.84	0.88	0.89	0.90	0.87	0.92	0.93	0.94								

location		ATHENS			
		GREECE ATHENS		LGAT	
RWY	elev.[m]	15L	27	15L	27
slope	stength	< 0,5	LCN100	< 0,5	LCN100
TORA	[m]	3350		3425	
TODA	[m]	3350		3425	Tower to be
ASDA	[m]	3350		3425	advised
LDA	[m]	2980		2980	

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
		20	50.0	50.0	50.0	50.0	4750	4750	4750	4750	50.0	50.0	50.0	50.0	4750	4750	4750	4750
		25	48.9	50.0	50.0	50.0	4570	4570	4570	4570	49.5	50.0	50.0	50.0	4570	4570	4570	4570
		30	47.4	4830 04-2	4830 04-2	4830 04-2	4400	4400	4400	4400	48.0	4830 04-2	4830 04-2	4830 04-2	4400	4400	4400	4400
		35	46.1	4640 14-3	4640 18-3	4640 18-3	4230	4230	4230	4230	4640	4640 18-3	4640 18-3	4640 18-3	4230	4230	4230	4230
	$V_1 : V_R$		0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	49.6	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
		20	48.3	50.0	50.0	50.0	4750	4750	4750	4750	48.8	50.0	50.0	50.0	4750	4750	4750	4750
		25	46.9	50.0	50.0	50.0	4570	4570	4570	4570	47.4	50.0	50.0	50.0	4570	4570	4570	4570
		30	45.5	4830	4830	4830	4400	4400	4400	4400	46.0	4830	4830	4830	4400	4400	4400	4400
		35	44.2	4640	4640	4640	4230	4230	4230	4230	44.7	4640	4640	4640	4230	4230	4230	4230
	$V_1 : V_R$		0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00	0.93	0.95	0.97	0.98	0.96	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	48.8	50.0	50.0	50.0	49.8	50.0	50.0	50.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	48.5	50.0	50.0	50.0	49.2	50.0	50.0	50.0	49.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0
		15	48.2	50.0	50.0	50.0	48.5	4920	4920	4920	48.7	50.0	50.0	50.0	49.1	4920	4920	4920
		20	46.9	50.0	50.0	50.0	4750	4750	4750	4750	47.5	50.0	50.0	50.0	4750	4750	4750	4750
		25	45.6	49.0	50.0	50.0	4570	4570	4570	4570	46.1	49.5	50.0	50.0	4570	4570	4570	4570
		30	44.2	47.5	4830	4830	4400	4400	4400	4400	44.7	48.0	4830	4830	4400	4400	4400	4400
		35	43.0	46.2	4640	4640	4230	4230	4230	4230	43.4	4640	4640	4640	4230	4230	4230	4230
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.97	0.88	0.92	0.93	0.94	0.91	0.95	0.96	0.97
10 mm slush or standing water	OAT [°C]	0	45.0	48.6	50.0	50.0	46.3	50.0	50.0	50.0	45.5	49.1	50.0	50.0	46.8	50.0	50.0	50.0
		5	44.7	48.3	49.7	50.0	45.8	49.4	50.0	50.0	45.3	48.9	50.0	50.0	46.3	50.0	50.0	50.0
		10	44.5	48.1	49.4	50.0	45.2	48.8	50.0	50.0	45.0	48.6	49.9	50.0	45.7	49.3	50.0	50.0
		15	44.2	47.8	49.1	50.0	44.6	48.2	4920	4920	44.7	48.3	49.7	50.0	45.1	48.7	4920	4920
		20	43.1	46.5	47.9	49.1	44.1	4750	4750	4750	43.6	47.1	48.4	49.6	44.5	4750	4750	4750
		25	41.8	45.2	46.4	47.7	43.3	4570	4570	4570	42.3	45.7	46.9	48.2	43.8	4570	4570	4570
		30	40.6	43.9	45.1	46.3	42.0	4400	4400	4400	41.1	44.3	45.6	46.8	42.5	4400	4400	4400
		35	39.4	42.6	43.8	44.9	40.8	4230	4230	4230	39.9	43.1	44.2	45.4	41.2	4230	4230	4230
	$V_1 : V_R$		0.88	0.90	0.91	0.92	0.90	0.93	0.94	0.95	0.88	0.91	0.92	0.93	0.90	0.94	0.94	0.95
10-50mm dry snow	$V_1 : V_R$																	

location			ATHENS GREECE				ATHENS LGAT							
RWY	elev.[m]		33R				27				15R			
slope	stength		< 0,5				LCN100				< 0,5			
TORA	[m]		3500								3010			
TODA			3500								3150			
ASDA			3500								3150			
LDA			3350								2695			
flaps			10°				20°				10°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0
		20	50.0	50.0	50.0	50.0	4750	4750	4750	4750	48.7	50.0	50.0	50.0
		25	50.0	50.0	50.0	50.0	4570	4570	4570	4570	47.3	50.0	50.0	50.0
		30	4830	4830	4830	4830	4400	4400	4400	4400	45.9	4830	4830	4830
				04-2	04-2	04-2						06-1	04-2	04-2
		35	4640	4640	4640	4640	4230	4230	4230	4230	44.6	4640	4640	4640
			02-1	18-3	18-3	18-3						05-2	12-3	18-3
	$V_1 : V_R$		0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.97	0.99	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.9	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.6	50.0	50.0	49.6
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.3	50.0	50.0	49.0
		15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	48.0	50.0	50.0	48.4
		20	49.4	50.0	50.0	50.0	4750	4750	4750	4750	46.8	50.0	50.0	50.0
		25	47.9	50.0	50.0	50.0	4570	4570	4570	4570	45.4	48.9	50.0	50.0
		30	46.5	4830	4830	4830	4400	4400	4400	4400	44.1	47.5	4830	4830
		35	45.2	4640	4640	4640	4230	4230	4230	4230	42.8	46.1	4640	4640
	$V_1 : V_R$		0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00	0.92	0.94	0.95	0.96
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.5	50.0	50.0	50.0
		5	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.3	50.0	50.0	50.0
		10	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.0	50.0	50.0	50.0
		15	49.3	50.0	50.0	50.0	4920	4920	4920	4920	46.7	50.0	50.0	50.0
		20	48.0	50.0	50.0	50.0	4750	4750	4750	4750	45.5	49.0	50.0	50.0
		25	46.6	50.0	50.0	50.0	4570	4570	4570	4570	44.2	47.6	48.8	50.0
		30	45.2	4830	4830	4830	4400	4400	4400	4400	42.9	46.2	47.4	4830
		35	43.9	4640	4640	4640	4230	4230	4230	4230	41.6	44.8	46.0	4640
	$V_1 : V_R$		0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.98	0.87	0.91	0.92	0.93
10 mm slush or standing water	OAT [°C]	0	46.0	49.7	50.0	50.0	47.4	50.0	50.0	50.0	43.6	47.2	48.5	49.8
		5	45.8	49.4	50.0	50.0	46.8	50.0	50.0	50.0	43.3	46.9	48.2	49.5
		10	45.5	49.1	50.0	50.0	46.2	49.9	50.0	50.0	43.1	46.6	48.0	49.3
		15	45.2	48.8	50.0	50.0	45.6	4920	4920	4920	42.9	46.4	47.7	49.0
		20	44.1	47.6	48.9	50.0	45.0	4750	4750	4750	41.8	45.2	46.5	47.7
		25	42.8	46.2	47.4	48.7	44.2	4570	4570	4570	40.5	43.8	45.1	46.3
		30	41.5	44.8	46.0	47.2	42.9	4400	4400	4400	39.4	42.6	43.8	44.9
		35	40.3	43.5	44.7	45.9	41.7	4230	4230	4230	----	41.3	42.5	43.6
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96	0.87	0.90	0.91	0.92
10-50mm dry snow	$V_1 : V_R$													

location		ATHENS															
		GREECE		ATHENS		LGAT											
RWY	elev.[m]	33L				27											
slope	stength	< 0,5				LCN100											
TORA	[m]	2695															
TODA		3150															
ASDA		3150															
LDA		3010															
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	49.0	50.0	50.0	50.0	4920	4920	4920	4920								
	20	48.1	50.0	50.0	50.0	4750	4750	4750	4750								
	25	46.7	50.0	50.0	50.0	4570	4570	4570	4570								
	30	45.3	4830	4830	4830	4400	4400	4400	4400								
	35	43.9	4640	4640	4640	4230	4230	4230	4230								
	$V_1 : V_R$	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	48.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	47.6	50.0	50.0	50.0	49.6	50.0	50.0	50.0								
	10	47.2	50.0	50.0	50.0	49.0	50.0	50.0	50.0								
	15	46.8	50.0	50.0	50.0	48.4	4920	4920	4920								
	20	46.0	49.9	50.0	50.0	4750	4750	4750	4750								
	25	44.7	48.4	49.8	50.0	4570	4570	4570	4570								
	30	43.3	46.9	48.3	4830	4400	4400	4400	4400								
	35	42.0	45.5	4640	4640	4230	4230	4230	4230								
	$V_1 : V_R$	0.94	0.94	0.95	0.96	0.95	0.98	0.99	0.99								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	46.6	50.0	50.0	50.0	48.5	50.0	50.0	50.0								
	5	46.2	50.0	50.0	50.0	48.3	50.0	50.0	50.0								
	10	45.8	49.6	50.0	50.0	47.7	50.0	50.0	50.0								
	15	45.4	49.2	50.0	50.0	47.1	4920	4920	4920								
	20	44.7	48.4	49.7	50.0	46.2	4750	4750	4750								
	25	43.3	46.9	48.2	49.5	45.1	4570	4570	4570								
	30	42.0	45.5	46.8	48.0	44.0	4400	4400	4400								
	35	40.8	44.1	45.4	4640	4230	4230	4230	4230								
	$V_1 : V_R$	0.90	0.92	0.92	0.93	0.91	0.94	0.95	0.96								
10 mm slush or standing water	OAT [°C] 0	42.8	46.5	47.9	49.2	44.6	48.4	49.7	50.0								
	5	42.4	46.1	47.5	48.8	44.4	48.0	49.2	50.0								
	10	42.0	45.7	47.1	48.4	43.8	47.3	48.6	49.9								
	15	41.7	45.3	46.7	48.0	43.3	46.7	48.0	4920								
	20	41.0	44.5	45.9	47.2	42.5	46.1	47.3	4750								
	25	39.7	43.2	44.5	45.7	41.4	45.0	4570	4570								
	30	----	41.9	43.2	44.4	40.4	43.9	4400	4400								
	35	----	40.6	41.9	43.0	39.3	4230	4230	4230								
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.90	0.93	0.93	0.94								
10-50mm dry snow	$V_1 : V_R$																

location		BASLE-MULHOUSE			
		FRANCE	BASLE-MULHOUSE		LFSB
RWY	elev.[m]	16/34	269		
slope	stength	< 0,5	SIWL 33 t		
TORA	[m]	3900			
TODA	[m]	3900			
ASDA	[m]	3900			
LDA	[m]	3900			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	4980	4980	4980	4980								
	15	50.0	50.0	50.0	50.0	4800	4800	4800	4800								
	20	50.0	50.0	50.0	50.0	4630	4630	4630	4630								
	25	4900	4900	4900	4900	4460	4460	4460	4460								
		04-1	04-1	04-1	04-1												
	30	4710	4710	4710	4710	4290	4290	4290	4290								
		14-2	11-3	11-3	11-3												
	35	4510	4510	4510	4510	4120	4120	4120	4120								
		13-3	24-4	24-4	24-4												
	$V_1 : V_R$	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	4980	4980	4980	4980								
	15	50.0	50.0	50.0	50.0	4800	4800	4800	4800								
	20	50.0	50.0	50.0	50.0	4630	4630	4630	4630								
	25	4900	4900	4900	4900	4460	4460	4460	4460								
	30	4710	4710	4710	4710	4290	4290	4290	4290								
	35	4510	4510	4510	4510	4120	4120	4120	4120								
	$V_1 : V_R$	0.94	0.97	0.98	0.99	0.98	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	4980	4980	4980	4980								
	15	50.0	50.0	50.0	50.0	4800	4800	4800	4800								
	20	49.0	50.0	50.0	50.0	4630	4630	4630	4630								
	25	47.6	4900	4900	4900	4460	4460	4460	4460								
	30	46.2	4710	4710	4710	4290	4290	4290	4290								
	35	44.9	4510	4510	4510	4120	4120	4120	4120								
	$V_1 : V_R$	0.90	0.93	0.94	0.95	0.94	0.96	0.99	1.00								
10 mm slush or standing water	OAT [°C] 0	47.9	50.0	50.0	50.0	49.2	50.0	50.0	50.0								
	5	47.5	50.0	50.0	50.0	48.5	50.0	50.0	50.0								
	10	47.2	50.0	50.0	50.0	47.9	4980	4980	4980								
	15	46.5	50.0	50.0	50.0	47.2	4800	4800	4800								
	20	45.1	48.5	49.8	50.0	4630	4630	4630	4630								
	25	43.8	47.1	48.4	4900	4460	4460	4460	4460								
	30	42.5	45.7	47.0	4710	4290	4290	4290	4290								
	35	41.3	44.4	4510	4510	4120	4120	4120	4120								
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.97								
10-50mm dry snow		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	$V_1 : V_R$	0.84	0.88	0.89	0.90	0.88	0.92	0.94	0.95								

location		BEIRUT			
		LEBANON BEIRUT INT'L APT. OLBA			
RWY	elev.[m]	03	26	21	26
slope	stength	< 0,5	LCN 120	< 0,5	LCN 120
TORA	[m]	2646		3180	
TODA	[m]	3230		3240	
ASDA	[m]	3230		3240	
LDA	[m]	3180		2646	

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	49.1	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
		20	48.3	50.0	50.0	50.0	4750	4750	4750	4750	49.5	50.0	50.0	50.0	4750	4750	4750	4750
		25	46.9	50.0	50.0	50.0	4570	4570	4570	4570	48.0	50.0	50.0	50.0	4570	4570	4570	4570
		30	45.5	4830	4830	4830	4400	4400	4400	4400	46.6	4830	4830	4830	4400	4400	4400	4400
												04-2	04-2	04-2				
		35	44.1	4640	4640	4640	4230	4230	4230	4230	45.3	4640	4640	4640	4230	4230	4230	4230
												12-2	18-3	18-3				
	$V_1 : V_R$		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	48.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	47.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	47.3	50.0	50.0	50.0	49.7	50.0	50.0	50.0	49.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0
		15	46.9	50.0	50.0	50.0	48.9	4920	4920	4920	48.7	50.0	50.0	50.0	49.1	4920	4920	4920
		20	46.1	50.0	50.0	50.0	4750	4750	4750	4750	47.5	50.0	50.0	50.0	4750	4750	4750	4750
		25	44.7	48.5	49.9	50.0	4570	4570	4570	4570	46.1	49.6	50.0	50.0	4570	4570	4570	4570
		30	43.4	47.1	4830	4830	4400	4400	4400	4400	44.7	48.2	4830	4830	4400	4400	4400	4400
		35	42.1	45.6	4640	4640	4230	4230	4230	4230	43.4	4640	4640	4640	4230	4230	4230	4230
	$V_1 : V_R$		0.95	0.95	0.96	0.97	0.97	0.98	0.99	1.00	0.92	0.95	0.96	0.97	0.95	0.98	0.99	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	46.7	50.0	50.0	50.0	48.5	50.0	50.0	50.0	48.2	50.0	50.0	50.0	49.6	50.0	50.0	50.0
		5	46.3	50.0	50.0	50.0	48.5	50.0	50.0	50.0	47.9	50.0	50.0	50.0	49.0	50.0	50.0	50.0
		10	45.9	49.7	50.0	50.0	48.3	50.0	50.0	50.0	47.7	50.0	50.0	50.0	48.3	50.0	50.0	50.0
		15	45.5	49.3	50.0	50.0	47.4	4920	4920	4920	47.4	50.0	50.0	50.0	47.7	4920	4920	4920
		20	44.7	48.4	49.8	50.0	46.3	4750	4750	4750	46.2	49.7	50.0	50.0	47.1	4750	4750	4750
		25	43.4	47.0	48.3	49.6	45.1	4570	4570	4570	44.8	48.2	49.5	50.0	4570	4570	4570	4570
		30	42.1	45.6	46.9	48.1	4400	4400	4400	4400	43.5	46.8	48.0	4830	4400	4400	4400	4400
		35	40.8	44.2	45.5	4640	4230	4230	4230	4230	42.3	45.4	4640	4640	4230	4230	4230	4230
	$V_1 : V_R$		0.91	0.93	0.92	0.93	0.92	0.94	0.95	0.96	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96
10 mm slush or standing water	OAT [°C]	0	42.8	46.5	47.9	49.3	44.6	48.5	49.7	50.0	44.2	47.8	49.2	50.0	45.6	49.2	50.0	50.0
		5	42.4	46.1	47.5	48.9	44.6	48.4	49.7	50.0	44.0	47.6	48.9	50.0	45.0	48.6	49.9	50.0
		10	42.0	45.7	47.1	48.5	44.4	47.9	49.2	50.0	43.7	47.3	48.6	49.9	44.5	48.0	49.3	50.0
		15	41.7	45.3	46.7	48.0	43.5	47.3	48.5	4920	43.5	47.0	48.3	49.6	43.9	47.4	48.6	4920
		20	41.0	44.6	45.9	47.2	42.5	46.2	47.4	4750	42.4	45.8	47.1	48.4	43.3	46.8	4750	4750
		25	39.7	43.2	44.5	45.8	41.5	45.1	4570	4570	41.1	44.5	45.7	46.9	42.6	4570	4570	4570
		30	----	41.9	43.2	44.4	40.4	44.0	4400	4400	39.9	43.2	44.4	45.6	41.3	4400	4400	4400
		35	----	40.7	41.9	43.1	39.3	4230	4230	4230	----	41.9	43.1	44.2	40.1	4230	4230	4230
	$V_1 : V_R$		0.91	0.93	0.94	0.95	0.92	0.95	0.95	0.95	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95
10-50mm dry snow	$V_1 : V_R$																	

location			BEIRUT							
			LEBANON BEIRUT INT'L OLBA							
RWY	elev.[m]		18		26		36		26	
slope	stength		< 0,5		LCN 120		< 0,5		LCN 120	
TORA	[m]		2400				3250			
TODA			2460				3310			
ASDA			3250				3310			
LDA			3250				2400			
flaps			10°		20°		10°		20°	
wind		[m/s]	-5 0 5 10		-5 0 5 10		-5 0 5 10		-5 0 5 10	
$\mu \geq 0,65$	OAT [°C]	0	48.3 50.0 50.0 50.0		49.5 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		5	48.0 50.0 50.0 50.0		48.9 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		10	47.7 50.0 50.0 50.0		48.3 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		15	47.4 50.0 50.0 50.0		47.6 4920 4920 4920		50.0 50.0 50.0 50.0		4920 4920 4920 4920	
		20	46.2 50.0 50.0 50.0		47.0 4750 4750 4750		50.0 50.0 50.0 50.0		4750 4750 4750 4750	
		25	44.9 48.9 50.0 50.0		4570 4570 4570 4570		48.6 50.0 50.0 50.0		4570 4570 4570 4570	
		30	43.6 47.4 4830 4830		4400 4400 4400 4400		47.2 4830 4830 4830 04-2 04-2 04-2		4400 4400 4400 4400	
		35	42.3 46.1 4640 4640		4230 4230 4230 4230		45.8 4640 4640 4640 11-3 18-3 18-3		4230 4230 4230 4230	
	$V_1 : V_R$		1.00 1.00 1.00 1.00		1.00 1.00 1.00 1.00		0.97 1.00 1.00 1.00		1.00 1.00 1.00 1.00	
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	46.0 50.0 50.0 50.0		47.3 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		5	45.7 49.7 50.0 50.0		46.7 50.0 50.0 50.0		49.8 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		10	45.4 49.4 50.0 50.0		46.1 50.0 50.0 50.0		49.6 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		15	45.2 49.1 50.0 50.0		45.5 4920 4920 4920		49.3 50.0 50.0 50.0		4920 4920 4920 4920	
		20	44.0 47.9 49.3 50.0		44.9 4750 4750 4750		48.0 50.0 50.0 50.0		4750 4750 4750 4750	
		25	42.7 46.4 47.9 49.3		44.2 4570 4570 4570		46.6 50.0 50.0 50.0		4570 4570 4570 4570	
		30	41.5 45.1 46.5 47.8		42.9 4400 4400 4400		45.2 4830 4830 4830		4400 4400 4400 4400	
		35	40.3 43.8 45.1 4640		41.6 4230 4230 4230		43.9 4640 4640 4640		4230 4230 4230 4230	
	$V_1 : V_R$		0.99 1.00 1.00 1.00		1.00 1.00 1.00 1.00		0.92 0.95 0.96 0.97		0.95 0.99 1.00 1.00	
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	44.5 48.3 49.8 50.0		45.8 49.7 50.0 50.0		48.7 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		5	44.2 48.0 49.5 50.0		45.3 49.1 50.0 50.0		48.5 50.0 50.0 50.0		49.5 50.0 50.0 50.0	
		10	44.0 47.8 49.2 50.0		44.7 48.5 49.8 50.0		48.2 50.0 50.0 50.0		48.9 50.0 50.0 50.0	
		15	43.7 47.5 48.9 50.0		44.1 47.9 49.1 4920		47.9 50.0 50.0 50.0		48.3 4920 4920 4920	
		20	42.6 46.3 47.6 49.0		43.6 47.3 4750 4750		46.7 50.0 50.0 50.0		4750 4750 4750 4750	
		25	41.4 44.9 46.2 47.6		42.8 4570 4570 4570		45.3 48.7 50.0 50.0		4570 4570 4570 4570	
		30	40.2 43.6 44.9 46.2		41.6 4400 4400 4400		44.0 47.3 4830 4830		4400 4400 4400 4400	
		35	39.0 42.3 43.6 44.8		40.3 4230 4230 4230		42.7 45.9 4640 4640		4230 4230 4230 4230	
	$V_1 : V_R$		0.94 0.97 0.97 0.98		0.96 0.99 1.00 1.00		0.88 0.91 0.92 0.93		0.91 0.95 0.96 0.97	
10 mm slush or standing water	OAT [°C]	0	40.7 44.4 45.7 47.1		42.2 45.8 47.0 48.2		44.7 48.3 49.7 50.0		46.1 49.8 50.0 50.0	
		5	40.4 44.1 45.5 46.9		41.6 45.2 46.4 47.6		44.5 48.1 49.4 50.0		45.5 49.1 50.0 50.0	
		10	40.2 43.8 45.2 46.6		41.1 44.6 45.8 47.0		44.2 47.8 49.1 50.0		44.9 48.5 49.8 50.0	
		15	40.0 43.6 45.0 46.3		40.6 44.1 45.3 46.5		44.0 47.5 48.9 50.0		44.4 47.9 49.2 4920	
		20	---- 42.5 43.8 45.1		40.1 43.5 44.7 45.9		42.8 46.3 47.6 48.9		43.8 47.3 4750 4750	
		25	---- 41.2 42.5 43.8		39.4 42.8 43.9 45.1		41.6 44.9 46.2 47.4		43.0 4570 4570 4570	
		30	---- 40.0 41.3 42.5		---- 41.5 42.6 43.7		40.4 43.6 44.8 46.0		41.8 4400 4400 4400	
		35	---- ---- 40.1 41.3		---- 40.3 41.4 4230		39.2 42.4 43.5 44.7		40.5 4230 4230 4230	
	$V_1 : V_R$		0.94 0.97 0.97 0.98		0.96 0.99 0.99 1.00		0.87 0.90 0.91 0.92		0.90 0.93 0.94 0.95	
10-50mm dry snow	$V_1 : V_R$									

location		BELGRADE			
		YUGOSLAVIA	BELGRADE APT.	LYBE	
RWY	elev.[m]	12/30	101		
slope	stength	< 0,5	LCN 70		
TORA	[m]	3400			
TODA	[m]	3460			
ASDA	[m]	3400			
LDA	[m]	12: 3400	30: 3000		

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4890	4890	4890	4890								
	20	50.0	50.0	50.0	50.0	4710	4710	4710	4710								
	25	49.0	4990	4990	4990	4540	4540	4540	4540								
	30	47.6	4790	4790	4790	4370	4370	4370	4370								
			08-2	08-2	08-2												
	35	4600	4600	4600	4600	4190	4190	4190	4190								
			18-3	22-3	22-3												
	V_1 : V_R	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	49.9	50.0	50.0	50.0	4890	4890	4890	4890								
	20	48.4	50.0	50.0	50.0	4710	4710	4710	4710								
	25	47.0	4990	4990	4990	4540	4540	4540	4540								
	30	45.6	4790	4790	4790	4370	4370	4370	4370								
	35	44.3	4600	4600	4600	4190	4190	4190	4190								
	V_1 : V_R	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	48.8	50.0	50.0	50.0	49.5	50.0	50.0	50.0								
	15	48.5	50.0	50.0	50.0	4890	4890	4890	4890								
	20	47.1	50.0	50.0	50.0	4710	4710	4710	4710								
	25	45.7	49.1	4990	4990	4540	4540	4540	4540								
	30	44.4	47.6	4790	4790	4370	4370	4370	4370								
	35	43.1	4600	4600	4600	4190	4190	4190	4190								
	V_1 : V_R	0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.97								
10 mm slush or standing water	OAT [°C] 0	45.4	49.0	50.0	50.0	46.7	50.0	50.0	50.0								
	5	45.1	48.7	50.0	50.0	46.1	49.8	50.0	50.0								
	10	44.8	48.4	49.7	50.0	45.5	49.1	50.0	50.0								
	15	44.5	48.1	49.4	50.0	44.9	48.5	4890	4890								
	20	43.2	46.7	47.9	49.2	44.3	4710	4710	4710								
	25	42.0	45.3	46.5	47.8	43.4	4540	4540	4540								
	30	40.7	44.0	45.2	46.4	42.1	4370	4370	4370								
	35	39.6	42.7	43.9	45.0	40.9	4190	4190	4190								
	V_1 : V_R	0.87	0.90	0.91	0.92	0.90	0.93	0.94	0.95								
10-50mm dry snow		47.8	50.0	50.0	50.0	49.1	50.0	50.0	50.0								
	V_1 : V_R	0.82	0.86	0.87	0.88	0.85	0.89	0.90	0.92								

location			BERLIN			
			GDR	SCHÖNEFELD APT.		ETBS
RWY	elev.[m]		07L	47		
slope	stength		<0,5	LCN100		
TORA	[m]		2700			
TODA			3000			
ASDA			3000			
LDA			2700			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	48.7	50.0	50.0	50.0	49.7	50.0	50.0	50.0								
		15	48.2	50.0	50.0	50.0	49.0	4910	4910	4910								
		20	47.4	50.0	50.0	50.0	4740	4740	4740	4740								
		25	45.9	49.7	50.0	50.0	4560	4560	4560	4560								
		30	44.6	48.2	4820	4820	4390	4390	4390	4390								
		35	43.2	4630	4630	4630	4220	4220	4220	4220								
	$V_1 : V_R$		0.97	0.99	1.00	1.00	0.99	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	47.4	50.0	50.0	50.0	48.9	50.0	50.0	50.0								
		5	47.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0								
		10	46.6	50.0	50.0	50.0	47.7	50.0	50.0	50.0								
		15	46.2	50.0	50.0	50.0	47.1	4910	4910	4910								
		20	45.4	49.1	50.0	50.0	46.5	4740	4740	4740								
		25	44.0	47.6	49.0	50.0	45.6	4560	4560	4560								
		30	42.7	46.2	47.5	4820	4390	4390	4390	4390								
		35	41.4	44.9	46.1	4630	4220	4220	4220	4220								
	$V_1 : V_R$		0.92	0.94	0.95	0.96	0.94	0.97	0.98	0.99								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	46.1	49.9	50.0	50.0	47.6	50.0	50.0	50.0								
		5	45.7	49.5	50.0	50.0	47.0	50.0	50.0	50.0								
		10	45.3	49.0	50.0	50.0	46.4	50.0	50.0	50.0								
		15	44.9	48.6	49.9	50.0	45.8	4910	4910	4910								
		20	44.1	47.7	49.0	50.0	45.3	4740	4740	4740								
		25	42.8	46.3	47.6	48.8	44.4	4560	4560	4560								
		30	41.5	44.9	46.2	47.4	43.1	4390	4390	4390								
		35	40.2	43.6	44.8	46.0	41.9	4220	4220	4220								
	$V_1 : V_R$		0.88	0.91	0.91	0.92	0.89	0.93	0.94	0.95								
10 mm slush or standing water	OAT [°C]	0	42.3	46.0	47.3	48.6	43.9	47.4	48.6	49.9								
		5	41.9	45.6	46.9	48.2	43.3	46.8	48.0	49.3								
		10	41.6	45.2	46.5	47.8	42.8	46.2	47.4	48.6								
		15	41.2	44.8	46.1	47.4	42.2	45.6	46.8	48.0								
		20	40.5	44.0	45.3	46.5	41.7	45.0	46.2	4740								
		25	39.3	42.7	43.9	45.1	40.9	44.2	45.4	4560								
		30	----	41.4	42.6	43.8	39.7	42.9	4390	4390								
		35	----	40.1	41.3	42.5	----	41.6	4220	4220								
	$V_1 : V_R$		0.88	0.90	0.91	0.92	0.88	0.92	0.93	0.94								
10-50mm dry snow			44.6	48.2	49.5	50.0	46.1	49.6	50.0	50.0								
	$V_1 : V_R$		0.82	0.86	0.87	0.87	0.83	0.87	0.88	0.90								

location			BERLIN			
			GDR	SCHÖNEFELD APT.		ETBS
RWY	elev.[m]		07R/25L	47	25R	47
slope	stength		< 0,5	LCN100	< 0,5	LCN100
TORA		[m]	3000		2700	
TODA		[m]	3600		3300	
ASDA		[m]	3000		2850	
LDA		[m]	3000		2700	

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	49.5	50.0	50.0	50.0	4910	4910	4910	4910	47.5	50.0	50.0	50.0	4910	4910	4910	4910
		20	48.7	50.0	50.0	50.0	4740	4740	4740	4740	46.7	50.0	50.0	50.0	4740	4740	4740	4740
		25	47.2	50.0	50.0	50.0	4560	4560	4560	4560	45.3	49.1	50.0	50.0	4560	4560	4560	4560
		30	45.8	4820	4820	4820	4390	4390	4390	4390	43.9	47.6	4820	4820	4390	4390	4390	4390
				05-2	05-2	05-2												
		35	44.4	4630	4630	4630	4220	4220	4220	4220	42.6	46.2	4630	4630	4220	4220	4220	4220
				13-2	19-3	19-3												
	$V_1 : V_R$		0.95	0.96	0.97	0.98	0.96	1.00	1.00	1.00	0.96	0.95	0.96	0.98	0.95	0.99	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	46.9	50.0	50.0	50.0	48.7	50.0	50.0	50.0
		5	48.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	46.5	50.0	50.0	50.0	48.7	50.0	50.0	50.0
		10	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	46.1	49.9	50.0	50.0	48.5	50.0	50.0	50.0
		15	47.6	50.0	50.0	50.0	4910	4910	4910	4910	45.7	49.4	50.0	50.0	47.5	4910	4910	4910
		20	46.7	50.0	50.0	50.0	4740	4740	4740	4740	44.8	48.5	49.9	50.0	46.4	4740	4740	4740
		25	45.3	49.0	50.0	50.0	4560	4560	4560	4560	43.5	47.1	48.4	49.7	45.3	4560	4560	4560
		30	44.0	47.5	4820	4820	4390	4390	4390	4390	42.2	45.7	47.0	48.2	4390	4390	4390	4390
		35	42.7	46.1	4630	4630	4220	4220	4220	4220	40.9	44.3	45.6	4630	4220	4220	4220	4220
	$V_1 : V_R$		0.90	0.90	0.92	0.93	0.90	0.94	0.95	0.97	0.91	0.93	0.92	0.93	0.92	0.94	0.95	0.96
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	47.6	50.0	50.0	50.0	49.3	50.0	50.0	50.0	45.6	49.3	50.0	50.0	47.4	50.0	50.0	50.0
		5	47.2	50.0	50.0	50.0	49.3	50.0	50.0	50.0	45.2	48.9	50.0	50.0	47.4	50.0	50.0	50.0
		10	46.7	50.0	50.0	50.0	49.0	50.0	50.0	50.0	44.8	48.5	49.8	50.0	47.3	50.0	50.0	50.0
		15	46.3	50.0	50.0	50.0	48.1	4910	4910	4910	44.4	48.1	49.4	50.0	46.2	4910	4910	4910
		20	45.5	49.1	50.0	50.0	47.0	4740	4740	4740	43.6	47.2	48.5	49.8	45.1	4740	4740	4740
		25	44.1	47.6	48.9	50.0	4560	4560	4560	4560	42.3	45.8	47.0	48.3	44.0	4560	4560	4560
		30	42.8	46.2	47.4	4820	4390	4390	4390	4390	41.1	44.4	45.6	46.8	42.9	4390	4390	4390
		35	41.5	44.8	46.0	4630	4220	4220	4220	4220	39.8	43.1	44.3	45.4	41.8	4220	4220	4220
	$V_1 : V_R$		0.86	0.89	0.88	0.89	0.87	0.90	0.91	0.93	0.87	0.89	0.90	0.89	0.88	0.90	0.91	0.92
10 mm slush or standing water	OAT [°C]	0	43.7	47.3	48.7	50.0	45.5	49.2	50.0	50.0	41.9	45.5	46.8	48.1	43.7	47.3	48.6	49.8
		5	43.3	46.9	48.3	49.6	45.5	49.1	50.0	50.0	41.5	45.1	46.4	47.7	43.6	47.3	48.5	49.8
		10	42.9	46.5	47.8	49.1	45.2	48.6	49.9	50.0	41.2	44.7	46.0	47.3	43.6	47.0	48.2	49.4
		15	42.6	46.1	47.4	48.7	44.3	48.0	4910	4910	40.8	44.3	45.6	46.9	42.6	46.2	47.4	48.6
		20	41.8	45.3	46.6	47.8	43.3	46.8	4740	4740	40.1	43.5	44.8	46.0	41.5	45.1	46.3	4740
		25	40.6	43.9	45.2	46.4	42.2	4560	4560	4560	----	42.2	43.4	44.7	40.5	44.0	45.1	4560
		30	39.3	42.6	43.8	45.0	41.2	4390	4390	4390	----	40.9	42.1	43.3	39.5	42.9	4390	4390
		35	----	41.3	42.5	43.6	40.1	4220	4220	4220	----	39.7	40.9	42.0	----	41.7	4220	4220
	$V_1 : V_R$		0.85	0.88	0.89	0.90	0.86	0.90	0.90	0.91	0.86	0.89	0.90	0.91	0.87	0.90	0.91	0.92
10-50mm dry snow			46.1	49.7	50.0	50.0	47.8	50.0	50.0	50.0	44.2	47.7	49.0	50.0	45.9	49.5	50.0	50.0
	$V_1 : V_R$		0.80	0.83	0.82	0.83	0.82	0.84	0.86	0.87	1	0.84	0.85	0.86	0.82	0.86	0.85	0.87

location		BIRMINGHAM															
		UK				BIRMINGHAM APT.				EGBB							
RWY	elev.[m]	33				99				15				99			
slope	stength	< 0,5				PCN 80 F/B/W/T				< 0,5				PCN 80 F/B/W/T			
TORA	[m]	2405								2405							
TODA		2721								2650							
ASDA		2571								2510							
LDA		2134								2134							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	45.9	49.9	50.0	50.0	47.5	50.0	50.0	50.0	45.6	49.4	50.0	50.0	46.9	50.0	50.0	50.0
	5	45.5	49.4	50.0	50.0	46.9	50.0	50.0	50.0	45.2	49.1	50.0	50.0	46.3	50.0	50.0	50.0
	10	45.1	49.0	50.0	50.0	46.3	50.0	50.0	50.0	44.8	48.7	50.0	50.0	45.7	49.5	50.0	50.0
	15	44.6	48.5	50.0	50.0	45.7	4890	4890	4890	44.4	48.2	49.7	50.0	45.1	4890	4890	4890
	20	43.7	47.5	49.0	50.0	45.1	4710	4710	4710	43.4	47.0	48.4	49.8	44.5	4710	4710	4710
	25	42.4	46.1	47.5	48.9	44.2	4540	4540	4540	42.2	45.7	47.0	48.3	43.6	4540	4540	4540
	30	41.2	44.7	46.1	47.4	42.9	4370	4370	4370	40.9	44.3	45.6	46.9	42.3	4370	4370	4370
	35	39.9	43.4	44.7	46.0	41.6	4190	4190	4190	39.7	43.0	44.3	45.5	41.1	4190	4190	4190
	$V_1 : V_R$	0.95	0.97	0.98	0.98	0.96	0.99	1.00	1.00	0.94	0.96	0.97	0.98	0.96	0.99	0.99	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	44.1	47.9	49.3	50.0	45.9	49.6	50.0	50.0	43.9	47.5	48.9	50.0	45.3	48.9	50.0	50.0
	5	43.7	47.5	48.9	50.0	45.3	48.9	50.0	50.0	43.5	47.2	48.6	49.9	44.7	48.3	49.6	50.0
	10	43.3	47.0	48.4	49.7	44.7	48.3	49.5	50.0	43.1	46.8	48.1	49.5	44.1	47.7	48.9	50.0
	15	42.9	46.6	48.0	49.3	44.1	47.6	4890	4890	42.7	46.4	47.7	49.0	43.6	47.0	48.3	4890
	20	42.1	45.7	47.0	48.3	43.5	47.0	4710	4710	41.8	45.3	46.6	47.8	43.0	46.4	4710	4710
	25	40.8	44.3	45.6	46.8	42.6	4540	4540	4540	40.6	44.0	45.2	46.4	42.1	4540	4540	4540
	30	39.6	43.0	44.2	45.4	41.4	4370	4370	4370	39.4	42.7	43.9	45.1	40.9	4370	4370	4370
	35	----	41.7	42.9	44.1	40.2	4190	4190	4190	----	41.4	42.6	43.8	39.7	4190	4190	4190
	$V_1 : V_R$	0.90	0.92	0.93	0.94	0.90	0.94	0.95	0.95	0.89	0.91	0.92	0.93	0.90	0.94	0.94	0.95
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	43.0	46.6	48.0	49.3	44.8	48.3	49.6	50.0	42.8	46.3	47.6	48.9	44.2	47.7	49.0	50.0
	5	42.6	46.2	47.5	48.8	44.2	47.7	48.9	50.0	42.4	46.0	47.3	48.6	43.7	47.1	48.3	49.6
	10	42.2	45.8	47.1	48.4	43.6	47.0	48.3	49.5	42.0	45.6	46.9	48.1	43.1	46.5	47.7	48.9
	15	41.8	45.4	46.7	47.9	43.1	46.4	47.7	4890	41.6	45.1	46.4	47.7	42.6	45.9	47.1	48.3
	20	41.0	44.4	45.7	47.0	42.5	45.8	47.0	4710	40.8	44.2	45.4	46.6	42.0	45.3	46.5	4710
	25	39.8	43.1	44.3	45.6	41.5	44.9	4540	4540	39.6	42.9	44.1	45.2	41.2	44.3	4540	4540
	30	----	41.8	43.0	44.2	40.4	43.6	4370	4370	----	41.6	42.8	43.9	39.9	43.0	4370	4370
	35	----	40.6	41.7	42.9	39.2	4190	4190	4190	----	40.4	41.5	42.6	----	41.8	4190	4190
	$V_1 : V_R$	0.86	0.89	0.89	0.90	0.86	0.90	0.91	0.92	0.85	0.88	0.88	0.89	0.86	0.90	0.91	0.92
10 mm slush or standing water	OAT [°C] 0	39.5	43.0	44.3	45.5	41.2	44.6	45.9	47.1	39.3	42.7	44.0	45.2	40.9	44.1	45.3	46.5
	5	39.1	42.6	43.9	45.1	40.8	44.0	45.3	46.5	----	42.4	43.7	44.9	40.4	43.5	44.7	45.9
	10	----	42.2	43.5	44.7	40.3	43.5	44.7	45.9	----	42.0	43.3	44.5	39.9	43.0	44.2	45.3
	15	----	41.8	43.1	44.3	39.8	42.9	44.1	45.3	----	41.6	42.9	44.1	39.3	42.4	43.6	44.8
	20	----	41.0	42.2	43.4	39.1	42.3	43.5	44.7	----	40.7	41.9	43.1	----	41.9	43.0	44.2
	25	----	39.7	40.9	42.1	----	41.4	42.6	43.8	----	39.5	40.7	41.8	----	41.0	42.2	43.3
	30	----	----	39.7	40.8	----	40.3	41.4	42.5	----	----	39.5	40.6	----	39.8	40.9	42.0
	35	----	----	----	39.6	----	39.1	40.2	41.2	----	----	----	39.4	----	----	39.7	40.8
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.86	0.89	0.90	0.91	0.84	0.87	0.88	0.89	0.85	0.89	0.90	0.91
10-50mm dry snow		41.7	45.1	46.4	47.6	43.4	46.8	48.1	49.3	41.5	45.0	46.2	47.4	43.0	46.3	47.5	48.8
	$V_1 : V_R$	0.80	0.83	0.84	0.85	0.80	0.84	0.86	0.87	0.79	0.83	0.84	0.85	0.80	0.84	0.85	0.87

location			BRATISLAVA											
			CSSR				IVANKA				LKIB			
RWY	elev.[m]		13				133				31			
slope	stength		< 0,5				PCN75 R/C/X/U				< 0,5			
TORA	[m]		2120								1820			
TODA			2120								1820			
ASDA			2120								1820			
LDA			1820								2120			
flaps			10°				20°				10°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	40.9	44.5	45.9	47.3	42.3	45.9	47.2	48.4	----	41.2	42.5	43.8
		5	40.6	44.3	45.6	47.0	41.8	45.3	46.6	47.8	----	41.0	42.3	43.5
		10	40.4	44.0	45.4	46.7	41.2	44.7	45.9	47.1	----	40.7	42.0	43.3
		15	40.1	43.6	45.0	46.3	40.7	44.1	45.3	46.5	----	40.4	41.7	42.9
		20	----	42.4	43.7	44.9	40.2	43.5	44.7	45.9	----	39.2	40.4	41.7
		25	----	41.1	42.4	43.6	39.3	42.6	43.8	44.9	----	----	39.3	40.5
		30	----	39.9	41.2	42.4	----	41.4	42.5	4350	----	----	----	39.3
		35	----	----	40.0	41.1	----	40.1	41.2	4180	----	----	----	----
	$V_1 : V_R$		0.94	0.96	0.97	0.97	0.95	0.98	0.99	0.99	0.90	0.95	0.96	0.96
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	39.5	43.0	44.3	45.5	41.1	44.4	45.6	46.8	----	39.9	41.1	42.3
		5	39.3	42.7	44.0	45.2	40.5	43.8	45.0	46.2	----	39.6	40.9	42.1
		10	39.0	42.4	43.7	45.0	40.0	43.2	44.4	45.6	----	39.4	40.6	41.8
		15	----	42.1	43.4	44.6	39.5	42.6	43.8	45.0	----	39.1	40.3	41.5
		20	----	40.9	42.1	43.3	----	42.1	43.2	44.4	----	----	39.1	40.3
		25	----	39.7	40.9	42.0	----	41.2	42.3	43.4	----	----	----	39.1
		30	----	----	39.7	40.8	----	40.0	41.1	42.1	----	----	----	----
		35	----	----	----	39.6	----	----	39.9	40.9				
	$V_1 : V_R$		0.86	0.91	0.92	0.92	0.89	0.93	0.94	0.95	0.84	0.90	0.91	0.91
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	----	41.9	43.2	44.4	40.2	43.4	44.6	45.8	----	39.0	40.2	41.4
		5	----	41.7	42.9	44.1	39.7	42.8	44.0	45.2	----	----	39.9	41.1
		10	----	41.4	42.7	43.9	39.2	42.2	43.4	44.6	----	----	39.7	40.9
		15	----	41.1	42.3	43.5	----	41.7	42.8	44.0	----	----	39.4	40.5
		20	----	39.9	41.1	42.2	----	41.1	42.3	43.4	----	----	----	39.3
		25	----	----	39.9	41.0	----	40.2	41.4	42.5	----	----	----	----
		30	----	----	----	39.8	----	39.1	40.2	41.2				
		35	----	----	----	----	----	----	----	40.0				
	$V_1 : V_R$		0.82	0.87	0.88	0.89	0.83	0.89	0.90	0.91	0.79	0.84	0.87	0.88
10 mm slush or standing water	OAT [°C]	0	----	----	39.9	41.0	----	40.3	41.4	42.6	----	----	----	----
		5	----	----	39.6	40.8	----	39.8	40.9	42.0				
		10	----	----	39.4	40.5	----	39.2	40.4	41.5				
		15	----	----	39.1	40.2	----	----	39.8	40.9				
		20	----	----	----	39.0	----	----	39.3	40.4				
		25	----	----	----	----	----	----	----	39.5				
		30					----	----	----	----				
		35												
	$V_1 : V_R$		0.80	0.85	0.88	0.89	0.82	0.86	0.90	0.91	0.76	0.83	0.84	0.85
10-50mm dry snow	$V_1 : V_R$		----	40.8	41.9	43.1	39.2	42.2	43.4	44.6	----	----	39.1	40.2
			0.76	0.81	0.82	0.83	0.77	0.83	0.85	0.86	0.73	0.78	0.80	0.82

location			BRATISLAVA			
			LKIB			
RWY	elev.[m]		133			
slope	stength		PCN75 R/C/X/U			
TORA	[m]		1820			
TODA			1820			
ASDA			1820			
LDA			2120			
flaps			20°			
wind		[m/s]	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	39.4	42.7	43.9	45.1
		5	----	42.2	43.3	44.5
		10	----	41.6	42.8	43.9
		15	----	41.0	42.2	43.3
		20	----	40.5	41.6	42.8
		25	----	39.6	40.7	41.8
		30	----	----	39.5	40.6
		35	----	----	----	39.4
	$V_1 : V_R$		0.91	0.96	0.97	0.98
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	----	41.4	42.6	43.8
		5	----	40.9	42.0	43.2
		10	----	40.4	41.5	42.6
		15	----	39.8	40.9	42.1
		20	----	39.3	40.4	41.5
		25	----	----	39.5	40.6
		30	----	----	----	39.4
		35	----	----	----	----
	$V_1 : V_R$		0.85	0.91	0.92	0.93
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	----	40.6	41.7	42.9
		5	----	40.1	41.2	42.3
		10	----	39.5	40.7	41.8
		15	----	39.0	40.1	41.2
		20	----	----	39.6	40.7
		25	----	----	----	39.8
		30	----	----	----	----
		35				
	$V_1 : V_R$		0.81	0.87	0.89	0.90
10 mm slush or standing water	OAT [°C]	0	----	----	----	40.1
		5	----	----	----	39.5
		10	----	----	----	39.0
		15	----	----	----	----
		20				
		25				
		30				
		35				
	$V_1 : V_R$		0.80	0.84	0.86	0.90
10-50mm dry snow	$V_1 : V_R$		----	39.6	40.8	41.9
			0.75	0.82	0.84	0.[illegible]

location			BRATISLAVA											
			CSSR				IVANKA				LKIB			
RWY	elev.[m]		04/22				133							
slope	stength		< 0,5				PCN55 R/C/X/U							
TORA	[m]		2900											
TODA			3200											
ASDA			2900											
LDA			2900											
flaps			10°				20°				10°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0				
		5	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0				
		10	48.8	50.0	50.0	50.0	49.8	50.0	50.0	50.0				
		15	48.3	50.0	50.0	50.0	4870	4870	4870	4870				
		20	47.2	50.0	50.0	50.0	4700	4700	4700	4700				
		25	45.8	49.4	4970	4970	4520	4520	4520	4520				
		30	44.5	4780	4780	4780 09-1 10-2	4350	4350	4350	4350				
		35	43.1	4580 02-1	4580 08-2	4580 14-3	4180	4180	4180	4180				
	$V_1 : V_R$		0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00				
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	47.8	50.0	50.0	50.0	49.2	50.0	50.0	50.0				
		5	47.3	50.0	50.0	50.0	48.6	50.0	50.0	50.0				
		10	46.9	50.0	50.0	50.0	47.9	50.0	50.0	50.0				
		15	46.4	50.0	50.0	50.0	47.3	4870	4870	4870				
		20	45.4	49.0	50.0	50.0	46.6	4700	4700	4700				
		25	44.1	47.5	48.8	4970	4520	4520	4520	4520				
		30	42.7	46.1	47.4	4780	4350	4350	4350	4350				
		35	41.5	44.8	4580	4580	4180	4180	4180	4180				
	$V_1 : V_R$		0.90	0.92	0.93	0.94	0.91	0.95	0.96	0.97				
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	46.5	50.0	50.0	50.0	48.0	50.0	50.0	50.0				
		5	46.1	49.8	50.0	50.0	47.3	50.0	50.0	50.0				
		10	45.7	49.3	50.0	50.0	46.7	50.0	50.0	50.0				
		15	45.2	48.8	50.0	50.0	46.1	4870	4870	4870				
		20	44.2	47.7	49.0	50.0	45.5	4700	4700	4700				
		25	42.9	46.3	47.5	48.7	44.5	4520	4520	4520				
		30	41.6	44.9	46.1	47.3	43.2	4350	4350	4350				
		35	40.4	43.6	44.8	4580	4180	4180	4180	4180				
	$V_1 : V_R$		0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93				
10 mm slush or standing water	OAT [°C]	0												
		5	42.7	46.3	47.6	48.8	44.2	47.6	48.9	50.0				
		10	42.3	45.9	47.2	48.5	43.6	47.0	48.3	49.5				
		15	41.9	45.5	46.8	48.0	43.0	46.4	47.6	48.9				
		20	41.5	45.0	46.3	47.6	42.5	45.8	47.0	48.2				
		25	40.6	44.0	45.2	46.4	41.9	45.2	46.4	4700				
		30	39.4	42.7	43.9	45.1	41.0	44.2	4520	4520				
		35	----	41.4	42.6	43.8	39.8	42.9	4350	4350				
	$V_1 : V_R$		----	40.2	41.3	42.5	----	41.6	4180	4180				
			0.85	0.88	0.89	0.89	0.86	0.90	0.91	0.92				
10-50mm dry snow			45.1	48.6	49.9	50.0	46.5	50.0	50.0	50.0				
	$V_1 : V_R$		0.80	0.83	0.84	0.85	0.81	0.85	0.86	0.88				

location		BRUSSELS															
		BELGIUM BRUSSELS NATIONAL EBBR															
RWY	elev.[m]	20				55				02				55			
slope	stength	0,8 uphill				PCN56 F/A/W/U				0,8 downhill				PCN56 F/A/W/U			
TORA	[m]	2599								2819							
TODA		2819								2819							
ASDA		2819								2819							
LDA		2599								2819							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	47.1	50.0	50.0	50.0	48.4	50.0	50.0	50.0	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	46.8	50.0	50.0	50.0	47.8	50.0	50.0	50.0	48.6	50.0	50.0	50.0	49.5	50.0	50.0	50.0
	10	46.4	50.0	50.0	50.0	47.2	50.0	50.0	50.0	48.3	50.0	50.0	50.0	48.9	50.0	50.0	50.0
	15	46.0	50.0	50.0	50.0	46.6	4910	4910	4910	48.1	50.0	50.0	50.0	48.2	4910	4910	4910
	20	45.0	48.8	50.0	50.0	46.0	4730	4730	4730	46.7	50.0	50.0	50.0	4730	4730	4730	4730
	25	43.7	47.4	48.8	50.0	45.1	4560	4560	4560	45.4	48.9	50.0	50.0	4560	4560	4560	4560
	30	42.4	46.0	47.3	4820	43.8	4390	4390	4390	44.0	47.5	4820 01-1	4820 06-2	4390	4390	4390	4390
	35	41.2	44.6	46.0	4620	4210	4210	4210	4210	42.8	46.1	4620 06-1	4620 12-2	4210	4210	4210	4210
	$V_1 : V_R$	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	0.94	0.97	0.98	0.99	0.97	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	45.2	48.9	50.0	50.0	46.5	50.0	50.0	50.0	47.1	50.0	50.0	50.0	48.3	50.0	50.0	50.0
	5	44.9	48.7	50.0	50.0	45.9	49.8	50.0	50.0	46.8	50.0	50.0	50.0	47.7	50.0	50.0	50.0
	10	44.5	48.3	49.7	50.0	45.3	49.1	50.0	50.0	46.5	50.0	50.0	50.0	47.1	50.0	50.0	50.0
	15	44.1	47.9	49.3	50.0	44.8	48.5	4910	4910	46.3	49.9	50.0	50.0	46.5	4910	4910	4910
	20	43.2	46.8	48.1	49.5	44.2	4730	4730	4730	45.0	48.5	49.8	50.0	45.9	4730	4730	4730
	25	41.9	45.4	46.7	48.0	43.4	4560	4560	4560	43.7	47.1	48.4	49.6	45.0	4560	4560	4560
	30	40.7	44.1	45.4	46.6	42.1	4390	4390	4390	42.4	45.7	46.9	48.2	43.7	4390	4390	4390
	35	39.5	42.8	44.0	45.2	40.9	4210	4210	4210	41.2	44.4	45.6	4620	4210	4210	4210	4210
	$V_1 : V_R$	0.93	0.94	0.95	0.96	0.94	0.97	0.98	0.99	0.89	0.92	0.93	0.94	0.91	0.95	0.96	0.97
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	44.0	47.6	48.9	50.0	45.3	49.0	50.0	50.0	45.9	49.5	50.0	50.0	47.1	50.0	50.0	50.0
	5	43.6	47.3	48.6	50.0	44.7	48.3	49.6	50.0	45.6	49.2	50.0	50.0	46.5	50.0	50.0	50.0
	10	43.2	46.9	48.2	49.6	44.2	47.7	49.0	50.0	45.4	48.9	50.0	50.0	45.9	49.5	50.0	50.0
	15	42.8	46.5	47.8	49.1	43.6	47.1	48.4	4910	45.1	48.6	49.9	50.0	45.3	48.8	4910	4910
	20	42.0	45.5	46.8	48.0	43.1	46.5	4730	4730	43.9	47.3	48.5	49.8	44.7	4730	4730	4730
	25	40.8	44.1	45.4	46.6	42.3	4560	4560	4560	42.6	45.9	47.1	48.3	43.9	4560	4560	4560
	30	39.6	42.9	44.1	45.3	41.0	4390	4390	4390	41.4	44.5	45.7	46.9	42.6	4390	4390	4390
	35	----	41.6	42.8	43.9	39.8	4210	4210	4210	40.2	43.2	44.4	45.5	41.3	4210	4210	4210
	$V_1 : V_R$	0.89	0.91	0.92	0.92	0.90	0.93	0.94	0.95	0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93
10 mm slush or standing water	OAT [°C] 0	40.4	43.9	45.2	46.5	41.9	45.3	46.5	47.7	42.0	45.5	46.8	48.0	43.3	46.7	48.0	49.3
	5	40.1	43.6	44.9	46.2	41.4	44.7	45.9	47.1	41.8	45.2	46.5	47.8	42.8	46.1	47.4	48.6
	10	39.7	43.2	44.6	45.9	40.8	44.1	45.3	46.5	41.5	44.9	46.2	47.5	42.2	45.5	46.8	48.0
	15	39.4	42.9	44.2	45.5	40.3	43.6	44.8	45.9	41.3	44.7	46.0	47.3	41.7	45.0	46.2	47.4
	20	----	42.0	43.2	44.4	39.8	43.0	44.2	45.3	40.2	43.5	44.7	45.9	41.1	44.4	45.6	46.8
	25	---	40.7	41.9	43.1	39.1	42.2	43.4	44.5	39.0	42.2	43.4	44.6	40.4	43.6	44.7	4560
	30		39.6	40.7	41.9	----	41.0	42.1	43.2	----	41.0	42.1	43.3	39.3	42.3	43.4	4390
	35	--	----	39.6	40.7	----	39.9	40.6	41.9	----	39.8	40.9	42.0	----	41.0	4210	4210
	$V_1 : V_R$	0.88	0.90	0.91	0.92	0.89	0.92	0.93	0.94	0.84	0.87	0.88	0.89	0.86	0.90	0.91	0.92
10-50mm dry snow		42.5	46.0	47.3	48.5	43.9	47.3	48.6	49.8	44.5	47.9	49.2	50.0	44.7	49.1	50.0	50.0
	$V_1 : V_R$	0.83	0.86	0.87	0.88	0.84	0.88	0.89	0.90	0.79	0.82	0.83	0.85	0.81	0.85	0.87	0.88

location			BRUSSELS											
			BELGIUM BRUSSELS NATIONAL EBBR											
RWY	elev.[m]		07L				55				25R			
slope	stength		< 0,5				PCN56 F/A/W/U				< 0,5			
TORA	[m]		3638								3338			
TODA			3638								3338			
ASDA			3638								3338			
LDA			3560								3338			
flaps			10°				20°				10°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4910	4910	4910	4910	50.0	50.0	50.0	50.0
		20	50.0	50.0	50.0	50.0	4730	4730	4730	4730	50.0	50.0	50.0	50.0
		25	50.0	50.0	50.0	50.0	4560	4560	4560	4560	48.6	50.0	50.0	50.0
		30	4820	4820	4820	4820	4390	4390	4390	4390	47.2	4820	4820	4820
			06-1	06-2	06-2	06-2						06-2	06-2	06-2
		35	4620	4620	4620	4620	4210	4210	4210	4210	45.8	4620	4620	4620
			05-2	19-3	19-3	19-3						13-3	19-3	19-3
	$V_1 : V_R$		0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.97	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4910	4910	4910	4910	49.4	50.0	50.0	50.0
		20	50.0	50.0	50.0	50.0	4730	4730	4730	4730	48.0	50.0	50.0	50.0
		25	48.7	50.0	50.0	50.0	4560	4560	4560	4560	46.6	50.0	50.0	50.0
		30	47.3	4820	4820	4820	4390	4390	4390	4390	45.2	4820	4820	4820
		35	45.9	4620	4620	4620	4210	4210	4210	4210	43.9	4620	4620	4620
	$V_1 : V_R$		0.93	0.96	0.97	0.98	0.97	1.00	1.00	1.00	0.92	0.95	0.96	0.97
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.9	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.6	50.0	50.0	49.6
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.3	50.0	50.0	49.0
		15	50.0	50.0	50.0	50.0	4910	4910	4910	4910	48.0	50.0	50.0	48.3
		20	48.8	50.0	50.0	50.0	4730	4730	4730	4730	46.7	50.0	50.0	4730
		25	47.3	50.0	50.0	50.0	4560	4560	4560	4560	45.3	48.7	50.0	50.0
		30	45.9	4820	4820	4820	4390	4390	4390	4390	44.0	47.3	4820	4820
		35	44.6	4620	4620	4620	4210	4210	4210	4210	42.7	45.9	4620	4620
	$V_1 : V_R$		0.89	0.92	0.93	0.95	0.92	0.97	0.98	0.99	0.88	0.91	0.92	0.93
10 mm slush or standing water	OAT [°C]	0	46.9	50.0	50.0	50.0	48.2	50.0	50.0	50.0	44.8	48.4	49.8	50.0
		5	46.6	50.0	50.0	50.0	47.6	50.0	50.0	50.0	44.6	48.2	49.5	50.0
		10	46.3	49.9	50.0	50.0	47.0	50.0	50.0	50.0	44.3	47.9	49.2	50.0
		15	46.0	49.6	50.0	50.0	46.4	4910	4910	4910	44.1	47.6	48.9	50.0
		20	44.8	48.3	49.6	50.0	45.8	4730	4730	4730	42.9	46.3	47.6	48.9
		25	43.5	46.9	48.1	49.4	44.9	4560	4560	4560	41.6	44.9	46.2	47.4
		30	42.2	45.5	46.7	47.9	43.6	4390	4390	4390	40.4	43.6	44.8	46.0
		35	41.0	44.2	45.4	4620	4210	4210	4210	4210	39.2	42.4	43.5	44.7
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.91	0.95	0.95	0.96	0.88	0.90	0.91	0.92
10-50mm dry snow			49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.2	50.0	50.0	50.0
	$V_1 : V_R$		0.84	0.87	0.88	0.89	0.86	0.91	0.92	0.93	0.82	0.86	0.87	0.88

location			BRUSSELS											
			BELGIUM BRUSSELS NATIONAL EBBR											
RWY	elev.[m]		07L				55				25R			
slope	stength		< 0,5				PCN56 F/A/W/U				< 0,5			
TORA	[m]		3638								3338			
TODA			3638								3338			
ASDA			3638								3338			
LDA			3560								3338			
flaps			10°				20°				10°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4910	4910	4910	4910	50.0	50.0	50.0	50.0
		20	50.0	50.0	50.0	50.0	4730	4730	4730	4730	50.0	50.0	50.0	50.0
		25	50.0	50.0	50.0	50.0	4560	4560	4560	4560	48.6	50.0	50.0	50.0
		30	4820	4820	4820	4820	4390	4390	4390	4390	47.2	4820	4820	4820
			06-1	06-2	06-2	06-2						06-2	06-2	06-2
		35	4620	4620	4620	4620	4210	4210	4210	4210	45.8	4620	4620	4620
			05-2	19-3	19-3	19-3						13-3	19-3	19-3
	$V_1 : V_R$		0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.97	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4910	4910	4910	4910	49.4	50.0	50.0	50.0
		20	50.0	50.0	50.0	50.0	4730	4730	4730	4730	48.0	50.0	50.0	50.0
		25	48.7	50.0	50.0	50.0	4560	4560	4560	4560	46.6	50.0	50.0	50.0
		30	47.3	4820	4820	4820	4390	4390	4390	4390	45.2	4820	4820	4820
		35	45.9	4620	4620	4620	4210	4210	4210	4210	43.9	4620	4620	4620
	$V_1 : V_R$		0.93	0.96	0.97	0.98	0.97	1.00	1.00	1.00	0.92	0.95	0.96	0.97
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.9	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.6	50.0	50.0	49.6
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.3	50.0	50.0	49.0
		15	50.0	50.0	50.0	50.0	4910	4910	4910	4910	48.0	50.0	50.0	48.3
		20	48.8	50.0	50.0	50.0	4730	4730	4730	4730	46.7	50.0	50.0	4730
		25	47.3	50.0	50.0	50.0	4560	4560	4560	4560	45.3	48.7	50.0	50.0
		30	45.9	4820	4820	4820	4390	4390	4390	4390	44.0	47.3	4820	4820
		35	44.6	4620	4620	4620	4210	4210	4210	4210	42.7	45.9	4620	4620
	$V_1 : V_R$		0.89	0.92	0.93	0.95	0.92	0.97	0.98	0.99	0.88	0.91	0.92	0.93
10 mm slush or standing water	OAT [°C]	0	46.9	50.0	50.0	50.0	48.2	50.0	50.0	50.0	44.8	48.4	49.8	50.0
		5	46.6	50.0	50.0	50.0	47.6	50.0	50.0	50.0	44.6	48.2	49.5	50.0
		10	46.3	49.9	50.0	50.0	47.0	50.0	50.0	50.0	44.3	47.9	49.2	50.0
		15	46.0	49.6	50.0	50.0	46.4	4910	4910	4910	44.1	47.6	48.9	50.0
		20	44.8	48.3	49.6	50.0	45.8	4730	4730	4730	42.9	46.3	47.6	48.9
		25	43.5	46.9	48.1	49.4	44.9	4560	4560	4560	41.6	44.9	46.2	47.4
		30	42.2	45.5	46.7	47.9	43.6	4390	4390	4390	40.4	43.6	44.8	46.0
		35	41.0	44.2	45.4	4620	4210	4210	4210	4210	39.2	42.4	43.5	44.7
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.91	0.95	0.95	0.96	0.88	0.90	0.91	0.92
10-50mm dry snow			49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.2	50.0	50.0	50.0
	$V_1 : V_R$		0.84	0.87	0.88	0.89	0.86	0.91	0.92	0.93	0.82	0.86	0.87	0.88

location		BRUSSELS			
		BELGIUM BRUSSELS NAT'L EBBR			
RWY	elev.[m]	07R/25L	55		
slope	stength	< 0,5	PCN56 F/A/U/W		
TORA	[m]	3211			
TODA		3211			
ASDA		3211			
LDA		07R: 3086	25L: 3211		

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4910	4910	4910	4910								
	20	49.1	50.0	50.0	50.0	4730	4730	4730	4730								
	25	47.6	50.0	50.0	50.0	4560	4560	4560	4560								
	30	46.2	4820 04-2	4820 06-2	4820 06-2	4390	4390	4390	4390								
	35	44.9	4620 10-2	4620 17-3	4620 19-3	4210	4210	4210	4210								
	V_1 : V_R	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	48.7	50.0	50.0	50.0	49.4	50.0	50.0	50.0								
	15	48.4	50.0	50.0	50.0	48.8	4910	4910	4910								
	20	47.1	50.0	50.0	50.0	4730	4730	4730	4730								
	25	45.7	49.2	50.0	50.0	4560	4560	4560	4560								
	30	44.4	47.8	4820	4820	4390	4390	4390	4390								
	35	43.1	4620	4620	4620	4210	4210	4210	4210								
	V_1 : V_R	0.92	0.95	0.96	0.97	0.95	0.98	0.99	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	47.9	50.0	50.0	50.0	49.3	50.0	50.0	50.0								
	5	47.6	50.0	50.0	50.0	48.6	50.0	50.0	50.0								
	10	47.4	50.0	50.0	50.0	48.0	50.0	50.0	50.0								
	15	47.1	50.0	50.0	50.0	47.4	4910	4910	4910								
	20	45.8	49.3	50.0	50.0	46.8	4730	4730	4730								
	25	44.4	47.8	49.1	50.0	4560	4560	4560	4560								
	30	43.1	46.4	47.7	4820	4390	4390	4390	4390								
	35	41.9	45.1	4620	4620	4210	4210	4210	4210								
	V_1 : V_R	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96								
10 mm slush or standing water	OAT [°C] 0	43.9	47.5	48.9	50.0	45.3	48.9	50.0	50.0								
	5	43.7	47.3	48.6	49.9	44.7	48.3	49.6	50.0								
	10	43.4	47.0	48.3	49.6	44.2	47.7	48.9	50.0								
	15	43.2	46.7	48.0	49.3	43.6	47.1	48.3	4910								
	20	42.0	45.4	46.7	48.0	43.0	46.5	4730	4730								
	25	40.8	44.1	45.3	46.6	42.2	45.6	4560	4560								
	30	39.6	42.8	44.0	45.2	41.0	4390	4390	4390								
	35	----	41.6	42.7	43.9	39.8	4210	4210	4210								
	V_1 : V_R	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.94								
10-50mm dry snow		46.3	49.8	50.0	50.0	47.6	50.0	50.0	50.0								
	V_1 : V_R	0.82	0.85	0.87	0.88	0.84	0.88	0.90	0.91								

location		BUCHAREST ROMANIA OTOPENI LROP			
RWY	elev.[m]	08/26	95		
slope	stength	< 0,5	SIWL 45 t		
TORA	[m]	3500			
TODA		3900			
ASDA		3500			
LDA		3500			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4890	4890	4890	4890								
	20	50.0	50.0	50.0	50.0	4720	4720	4720	4720								
	25	4990	4990	4990	4990	4540	4540	4540	4540								
	30	4800	4800	4800	4800	4370	4370	4370	4370								
		08-1	08-2	08-2	08-2												
	35	4600	4600	4600	4600	4200	4200	4200	4200								
		07-2	21-3	21-3	21-3												
	$V_1 : V_R$	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4890	4890	4890	4890								
	20	50.0	50.0	50.0	50.0	4720	4720	4720	4720								
	25	48.7	4990	4990	4990	4540	4540	4540	4540								
	30	47.3	4800	4800	4800	4370	4370	4370	4370								
	35	45.8	4600	4600	4600	4200	4200	4200	4200								
	$V_1 : V_R$	0.91	0.94	0.95	0.96	0.94	0.99	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	49.8	50.0	50.0	50.0	4890	4890	4890	4890								
	20	48.8	50.0	50.0	50.0	4720	4720	4720	4720								
	25	47.4	4990	4990	4990	4540	4540	4540	4540								
	30	45.9	4800	4800	4800	4370	4370	4370	4370								
	35	44.6	4600	4600	4600	4200	4200	4200	4200								
	$V_1 : V_R$	0.88	0.90	0.91	0.92	0.90	0.95	0.96	0.97								
10 mm slush or standing water	OAT [°C] 0	47.1	50.0	50.0	50.0	48.7	50.0	50.0	50.0								
	5	46.7	50.0	50.0	50.0	48.1	50.0	50.0	50.0								
	10	46.2	49.9	50.0	50.0	47.4	50.0	50.0	50.0								
	15	45.8	49.5	50.0	50.0	46.8	4890	4890	4890								
	20	44.9	48.5	49.8	50.0	46.2	4720	4720	4720								
	25	43.6	47.0	48.3	49.5	45.3	4540	4540	4540								
	30	42.2	45.6	46.8	4800	4370	4370	4370	4370								
	35	41.0	44.2	45.4	4600	4200	4200	4200	4200								
	$V_1 : V_R$	0.87	0.90	0.90	0.91	0.88	0.92	0.93	0.94								
10-50mm dry snow		49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	$V_1 : V_R$	0.82	0.84	0.86	0.86	0.84	0.89	0.90	0.91								

location		BUDAPEST HUNGARY FERIHEGY APT. LHBP			
RWY	elev.[m]	13L	151	31R	151
slope	stength	0,65 downhill	PCN75 R/B/X/T	0,65 uphill	PCN75 R/B/X/T
TORA	[m]	3707		3707	
TODA	[m]	3707		3707	
ASDA	[m]	3767		3767	
LDA	[m]	3707		3707	

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4860	4860	4860	4860	50.0	50.0	50.0	50.0	4860	4860	4860	4860
		20	50.0	50.0	50.0	50.0	4690	4690	4690	4690	50.0	50.0	50.0	50.0	4690	4690	4690	4690
		25	4960	4960	4960	4960	4520	4520	4520	4520	4960	4960	4960	4960	4520	4520	4520	4520
		30	4770	4770	4770	4770	4340	4340	4340	4340	4770	4770	4770	4770	4340	4340	4340	4340
		35	11-2	11-2	11-2	11-2					06-1	11-2	11-2	11-2				
			4570	4570	4570	4570	4170	4170	4170	4170	4570	4570	4570	4570	4170	4170	4170	4170
			12-3	18-4	18-4	18-4					05-2	18-4	18-4	18-4				
	$V_1 : V_R$		0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4860	4860	4860	4860	50.0	50.0	50.0	50.0	4860	4860	4860	4860
		20	50.0	50.0	50.0	50.0	4690	4690	4690	4690	49.5	50.0	50.0	50.0	4690	4690	4690	4690
		25	49.6	4960	4960	4960	4520	4520	4520	4520	48.0	4960	4960	4960	4520	4520	4520	4520
		30	4770	4770	4770	4770	4340	4340	4340	4340	46.6	4770	4770	4770	4340	4340	4340	4340
		35	4570	4570	4570	4570	4170	4170	4170	4170	45.3	4570	4570	4570	4170	4170	4170	4170
	$V_1 : V_R$		0.93	0.96	0.97	0.98	0.97	1.00	1.00	1.00	0.95	0.98	0.99	1.00	0.98	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4860	4860	4860	4860	49.5	50.0	50.0	50.0	4860	4860	4860	4860
		20	49.7	50.0	50.0	50.0	4690	4690	4690	4690	48.0	50.0	50.0	50.0	4690	4690	4690	4690
		25	48.2	4960	4960	4960	4520	4520	4520	4520	46.6	4960	4960	4960	4520	4520	4520	4520
		30	46.8	4770	4770	4770	4340	4340	4340	4340	45.2	4770	4770	4770	4340	4340	4340	4340
		35	45.5	4570	4570	4570	4170	4170	4170	4170	43.9	4570	4570	4570	4170	4170	4170	4170
	$V_1 : V_R$		0.89	0.92	0.93	0.94	0.92	0.97	0.98	0.99	0.91	0.94	0.95	0.96	0.94	0.98	0.99	1.00
10 mm slush or standing water	OAT [°C]	0	48.0	50.0	50.0	50.0	49.3	50.0	50.0	50.0	46.5	50.0	50.0	50.0	47.8	50.0	50.0	50.0
		5	47.7	50.0	50.0	50.0	48.6	50.0	50.0	50.0	46.2	49.9	50.0	50.0	47.2	50.0	50.0	50.0
		10	47.4	50.0	50.0	50.0	47.9	50.0	50.0	50.0	45.9	49.6	50.0	50.0	46.6	50.0	50.0	50.0
		15	47.0	50.0	50.0	50.0	47.3	4860	4860	4860	45.5	49.1	50.0	50.0	45.9	4860	4860	4860
		20	45.6	49.1	50.0	50.0	46.7	4690	4690	4690	44.1	47.7	49.0	50.0	45.3	4690	4690	4690
		25	44.3	47.6	48.9	4960	4520	4520	4520	4520	42.9	46.3	47.5	48.8	44.3	4520	4520	4520
		30	43.0	46.2	47.4	4770	4340	4340	4340	4340	41.6	44.9	46.1	47.4	43.0	4340	4340	4340
		35	41.7	44.9	4570	4570	4170	4170	4170	4170	40.4	43.6	44.8	4570	4170	4170	4170	4170
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.91	0.95	0.95	0.96	0.90	0.93	0.94	0.95	0.93	0.96	0.97	0.98
10-50mm dry snow			50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	$V_1 : V_R$		0.83	0.86	0.87	0.88	0.86	0.91	0.92	0.94	0.85	0.89	0.90	0.91	0.88	0.92	0.93	0.95

location		BUDAPEST HUNGARY FERIHEGY APT. LHBP			
RWY	elev.[m]	13R/31L	151		
slope	stength	< 0,5	LCN 76		
TORA	[m]	3010			
TODA	[m]	3010			
ASDA	[m]	3010			
LDA	[m]	3010			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	48.7	50.0	50.0	50.0	49.4	50.0	50.0	50.0								
	15	48.3	50.0	50.0	50.0	4870	4870	4870	4870								
	20	46.9	50.0	50.0	50.0	4700	4700	4700	4700								
	25	45.5	49.2	4970	4970	4520	4520	4520	4520								
	30	44.2	47.7	4780	4780 07-1 10-2	4350	4350	4350	4350								
	35	42.9	4580	4580	4580 06-2 13-3	4180	4180	4180	4180								
	V_1 : V_R	0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	47.4	50.0	50.0	50.0	48.7	50.0	50.0	50.0								
	5	47.1	50.0	50.0	50.0	48.1	50.0	50.0	50.0								
	10	46.8	50.0	50.0	50.0	47.5	50.0	50.0	50.0								
	15	46.4	50.0	50.0	50.0	46.8	4870	4870	4870								
	20	45.8	48.6	49.9	50.0	46.2	4700	4700	4700								
	25	43.7	47.2	48.5	4970	45.2	4520	4520	4520								
	30	42.4	45.8	47.0	4780	4350	4350	4350	4350								
	35	41.2	44.5	45.7	4580	4180	4180	4180	4180								
	V_1 : V_R	0.91	0.94	0.95	0.96	0.94	0.97	0.98	0.99								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	46.1	49.7	50.0	50.0	47.4	50.0	50.0	50.0								
	5	45.8	49.4	50.0	50.0	46.8	50.0	50.0	50.0								
	10	45.5	49.1	50.0	50.0	46.2	49.8	50.0	50.0								
	15	45.2	48.7	50.0	50.0	45.6	4870	4870	4870								
	20	43.8	47.2	48.5	49.8	45.0	4700	4700	4700								
	25	42.6	45.9	47.1	48.3	44.0	4520	4520	4520								
	30	41.3	44.5	45.7	46.9	42.7	4350	4350	4350								
	35	40.1	43.2	44.4	45.5	41.4	4180	4180	4180								
	V_1 : V_R	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95								
10 mm slush or standing water	OAT [°C] 0	42.3	45.8	47.1	48.4	43.7	47.2	48.4	49.7								
	5	42.0	45.5	46.8	48.1	43.1	46.5	47.8	49.0								
	10	41.8	45.2	46.5	47.8	42.5	45.9	47.2	48.4								
	15	41.4	44.9	46.1	47.4	42.0	45.3	46.5	47.7								
	20	40.2	43.5	44.8	46.0	41.4	44.7	45.9	4700								
	25	39.0	42.3	43.5	44.7	40.5	43.7	44.9	4520								
	30	----	41.0	42.2	43.4	39.3	42.5	4350	4350								
	35	----	39.9	41.0	42.1	----	41.2	4180	4180								
	V_1 : V_R	0.87	0.90	0.90	0.91	0.88	0.92	0.93	0.94								
10-50mm dry snow		44.6	48.1	49.4	50.0	45.9	49.4	50.0	50.0								
	V_1 : V_R	0.81	0.85	0.86	0.87	0.83	0.87	0.89	0.90								

location		BURGAS			
		BULGARIA	BURGAS	LBBG	
RWY	elev.[m]	04/22	41		
slope	stength	∠0,5	LCN 70		
TORA	[m]	3200			
TODA	[m]	3260			
ASDA	[m]	3260			
LDA	[m]	3200			

flaps		10°				20°				10°				20°			
wind [m/s]		-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4910	4910	4910	4910								
	20	49.6	50.0	50.0	50.0	4740	4740	4740	4740								
	25	48.1	50.0	50.0	50.0	4570	4570	4570	4570								
	30	46.7	4830 05-2	4830 05-2	4830 05-2	4390	4390	4390	4390								
	35	45.3	4630 13-2	4630 19-3	4630 19-3	4220	4220	4220	4220								
	V_1 : V_R	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.1	50.0	50.0	50.0	49.8	50.0	50.0	50.0								
	15	48.8	50.0	50.0	50.0	4910	4910	4910	4910								
	20	47.5	50.0	50.0	50.0	4740	4740	4740	4740								
	25	46.1	49.7	50.0	50.0	4570	4570	4570	4570								
	30	44.8	48.2	4830	4830	4390	4390	4390	4390								
	35	43.5	4630	4630	4630	4220	4220	4220	4220								
	V_1 : V_R	0.92	0.95	0.96	0.97	0.95	0.99	0.99	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.3	50.0	50.0	50.0	49.7	50.0	50.0	50.0								
	5	48.0	50.0	50.0	50.0	49.1	50.0	50.0	50.0								
	10	47.8	50.0	50.0	50.0	48.4	50.0	50.0	50.0								
	15	47.5	50.0	50.0	50.0	47.8	4910	4910	4910								
	20	46.2	49.7	50.0	50.0	47.2	4740	4740	4740								
	25	44.9	48.3	49.5	50.0	4570	4570	4570	4570								
	30	43.6	46.8	48.1	4830	4390	4390	4390	4390								
	35	42.3	45.5	4630	4630	4220	4220	4220	4220								
	V_1 : V_R	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96								
10 mm slush or standing water	OAT [°C] 0	44.3	47.9	49.3	50.0	45.7	49.3	50.0	50.0								
	5	44.1	47.7	49.0	50.0	45.1	48.7	50.0	50.0								
	10	43.8	47.4	48.7	50.0	44.5	48.1	49.4	50.0								
	15	43.6	47.1	48.4	49.7	44.0	47.5	48.7	4910								
	20	42.4	45.9	47.1	48.4	43.4	46.9	4740	4740								
	25	41.2	44.5	45.8	47.0	42.6	4570	4570	4570								
	30	40.0	43.2	44.4	45.6	41.4	4390	4390	4390								
	35	--	42.0	43.1	44.3	40.2	4220	4220	4220								
	V_1 : V_R	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95								
10-50mm dry snow	V_1 : V_R	46.7	50.0	50.0	50.0	48.0	50.0	50.0	50.0								
		0.82	0.86	0.87	0.88	0.84	0.89	0.90	0.91								

location			CAGLIARI ITALY ELMAS APT. LIEE													
RWY	elev.[m]		14				4				32				4			
slope	stength		<0,5				SIWL 20,0 t				<0,5				SIWL 20,0 t			
TORA	[m]		2800								2800							
TODA			2800								2860							
ASDA			2800								2860							
LDA			2800								2800							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	47.9	50.0	50.0	50.0	49.2	50.0	50.0	50.0	48.4	50.0	50.0	50.0	49.8	50.0	50.0	50.0
		5	47.6	50.0	50.0	50.0	48.6	50.0	50.0	50.0	48.2	50.0	50.0	50.0	49.2	50.0	50.0	50.0
		10	47.3	50.0	50.0	50.0	48.0	50.0	50.0	50.0	47.9	50.0	50.0	50.0	48.6	50.0	50.0	50.0
		15	47.1	50.0	50.0	50.0	47.4	4930	4930	4930	47.6	50.0	50.0	50.0	48.0	4930	4930	4930
		20	45.9	49.7	50.0	50.0	46.8	4760	4760	4760	46.4	50.0	50.0	50.0	47.4	4760	4760	4760
		25	44.6	48.2	49.6	50.0	4580	4580	4580	4580	45.1	48.8	50.0	50.0	4580	4580	4580	4580
		30	43.3	46.8	48.2	4840 05-1	4410	4410	4410	4410	43.8	47.3	4840	4840 10-1	4410	4410	4410	4410
		35	42.0	45.5	4650	4650 10-1	4240	4240	4240	4240	42.5	46.0	4650 02-1	4650 09-2	4240	4240	4240	4240
	$V_1 : V_R$		0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00	0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	46.0	49.8	50.0	50.0	47.4	50.0	50.0	50.0	46.5	50.0	50.0	50.0	47.9	50.0	50.0	50.0
		5	45.8	49.5	50.0	50.0	46.8	50.0	50.0	50.0	46.3	50.0	50.0	50.0	47.3	50.0	50.0	50.0
		10	45.5	49.2	50.0	50.0	46.2	50.0	50.0	50.0	46.0	49.7	50.0	50.0	46.7	50.0	50.0	50.0
		15	45.3	48.9	50.0	50.0	45.6	4930	4930	4930	45.8	49.4	50.0	50.0	46.1	4930	4930	4930
		20	44.1	47.7	49.1	50.0	45.1	4760	4760	4760	44.6	48.2	49.6	50.0	45.5	4760	4760	4760
		25	42.9	46.3	47.6	48.9	44.3	4580	4580	4580	43.3	46.8	48.1	49.4	44.8	4580	4580	4580
		30	41.6	45.0	46.2	47.5	43.0	4410	4410	4410	42.1	45.4	46.7	47.9	43.5	4410	4410	4410
		35	40.4	43.6	44.9	46.1	41.7	4240	4240	4240	40.8	44.1	45.3	4650	42.2	4240	4240	4240
	$V_1 : V_R$		0.90	0.93	0.94	0.95	0.93	0.96	0.97	0.98	0.91	0.93	0.94	0.95	0.93	0.96	0.97	0.98
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	44.8	48.4	49.8	50.0	46.2	49.8	50.0	50.0	45.3	48.9	50.0	50.0	46.7	50.0	50.0	50.0
		5	44.6	48.1	49.5	50.0	45.6	49.2	50.0	50.0	45.1	48.6	50.0	50.0	46.1	49.7	50.0	50.0
		10	44.3	47.9	49.2	50.0	45.0	48.6	49.9	50.0	44.8	48.4	49.7	50.0	45.5	49.1	50.0	50.0
		15	44.1	47.6	48.9	50.0	44.5	48.0	49.2	4930	44.6	48.1	49.4	50.0	44.9	48.5	4930	4930
		20	43.0	46.4	47.7	49.0	43.9	47.4	4760	4760	43.5	46.9	48.2	49.5	44.4	4760	4760	4760
		25	41.8	45.1	46.3	47.5	43.2	4580	4580	4580	42.2	45.5	46.8	48.0	43.7	4580	4580	4580
		30	40.5	43.8	45.0	46.1	41.9	4410	4410	4410	41.0	44.2	45.4	46.6	42.4	4410	4410	4410
		35	39.4	42.5	43.7	44.8	40.7	4240	4240	4240	39.8	42.9	44.1	45.3	41.1	4240	4240	4240
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.86	0.89	0.90	0.91	0.89	0.92	0.93	0.94
10 mm slush or standing water	OAT [°C]	0	41.1	44.6	45.9	47.2	42.6	46.0	47.2	48.5	41.6	45.1	46.4	47.7	43.0	46.4	47.7	49.0
		5	40.9	44.3	45.6	46.9	42.1	45.4	46.6	47.9	41.3	44.8	46.1	47.4	42.5	45.9	47.1	48.3
		10	40.7	44.1	45.4	46.6	41.5	44.8	46.1	47.3	41.1	44.6	45.9	47.1	42.0	45.3	46.5	47.7
		15	40.4	43.8	45.1	46.4	41.0	44.3	45.5	46.7	40.9	44.3	45.6	46.9	41.4	44.7	45.9	47.1
		20	39.5	42.8	44.0	45.2	40.5	43.7	44.9	46.1	39.9	43.2	44.5	45.7	40.9	44.2	45.4	46.6
		25	----	41.5	42.7	43.9	39.9	43.0	44.2	45.3	----	42.0	43.2	44.4	40.3	43.4	44.6	45.8
		30	----	40.3	41.5	42.6	----	41.8	42.9	44.0	----	40.7	41.9	43.1	39.1	42.2	43.3	4410
		35	----	39.2	40.3	41.4	----	40.5	41.6	4240	----	39.6	40.7	41.8	----	40.9	42.0	4240
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93	0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93
10-50mm dry snow	$V_1 : V_R$																	

location		CARDIFF			
		U.K. CARDIFF APT EGFF			
RWY	elev.[m]	12	67	30	67
slope	stength	< 0,5	PCN52 F/A/W/T	< 0,5	PCN52 F/A/W/T
TORA	[m]	2134		2134	
TODA	[m]	2195		2430	
ASDA	[m]	2134		2350	
LDA	[m]	2134		1981	

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	41.6	45.2	46.6	48.0	43.0	46.6	47.9	49.1	43.5	47.4	48.8	50.0	45.2	49.0	50.0	50.0
		5	41.3	45.0	46.3	47.7	42.5	46.0	47.3	48.5	43.1	46.9	48.4	49.8	44.6	48.4	49.6	50.0
		10	41.1	44.7	46.1	47.4	41.9	45.4	46.7	47.9	42.7	46.5	48.0	49.4	44.0	47.7	49.0	50.0
		15	40.8	44.4	45.8	47.1	41.4	44.9	46.1	47.3	42.3	46.1	47.5	49.0	43.5	47.1	48.4	4900
		20	39.7	43.2	44.5	45.8	40.9	44.3	45.5	46.7	41.5	45.2	46.6	48.0	42.9	46.5	4730	4730
		25	----	41.9	43.2	44.5	40.1	43.4	44.6	4560	40.3	43.9	45.3	46.6	42.1	4560	4560	4560
		30	----	40.7	42.0	43.2	----	42.2	43.3	4380	39.1	42.6	43.9	45.2	40.9	4380	4380	4380
		35	----	39.5	40.7	41.9	----	40.9	42.0	4210	----	41.3	42.6	43.8	39.7	4210	4210	4210
	$V_1 : V_R$		0.93	0.95	0.96	0.97	0.94	0.97	0.98	0.99	0.95	0.97	0.98	0.99	0.95	0.98	0.99	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	40.2	43.6	44.9	46.2	41.7	45.0	46.3	47.5	41.9	45.5	46.9	48.3	43.7	47.2	48.5	49.8
		5	39.9	43.4	44.7	46.0	41.2	44.5	45.7	46.9	41.5	45.1	46.5	47.8	43.1	46.6	47.9	49.1
		10	39.7	43.1	44.4	45.7	40.6	43.9	45.1	46.3	41.1	44.7	46.1	47.4	42.6	46.0	47.3	48.5
		15	39.5	42.9	44.2	45.4	40.1	43.3	44.5	45.7	40.7	44.3	45.7	47.0	42.0	45.4	46.7	47.9
		20	----	41.7	42.9	44.2	39.6	42.8	44.0	45.1	40.0	43.5	44.8	46.1	41.5	44.8	46.0	47.2
		25	----	40.5	41.7	42.9	----	42.0	43.1	44.3	----	42.2	43.5	44.7	40.5	44.0	45.2	4560
		30	----	39.3	40.5	41.6	----	40.7	41.9	43.0	----	40.9	42.2	43.4	39.4	42.7	4380	4380
		35	----	----	39.3	40.4	----	39.5	40.6	41.7	----	39.7	40.9	42.1	----	41.4	4210	4210
	$V_1 : V_R$		0.87	0.90	0.91	0.92	0.89	0.92	0.93	0.94	0.89	0.92	0.93	0.94	0.91	0.93	0.94	0.95
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	39.3	42.6	43.9	45.1	40.8	44.0	45.2	46.5	40.8	44.4	45.7	47.0	42.6	46.1	47.3	48.6
		5	39.1	42.4	43.6	44.8	40.3	43.5	44.7	45.9	40.5	44.0	45.3	46.5	42.2	45.5	46.7	48.0
		10	----	42.1	43.4	44.6	39.8	42.9	44.1	45.3	40.1	43.6	44.9	46.1	41.7	44.9	46.1	47.3
		15	----	41.9	43.1	44.3	39.3	42.4	43.5	44.7	39.7	43.2	44.5	45.7	41.1	44.3	45.5	46.7
		20	----	40.7	41.9	43.1	----	41.8	43.0	44.1	----	42.4	43.6	44.9	40.4	43.8	45.0	46.1
		25	----	39.5	40.7	41.8	----	41.0	42.2	43.3	----	41.1	42.3	43.5	39.4	42.8	44.0	45.2
		30	----	----	39.5	40.6	----	39.8	40.9	42.0	----	39.9	41.0	42.2	----	41.7	42.8	4380
		35	----	----	----	39.4	----	----	39.7	40.8	----	----	39.8	40.9	----	40.4	41.5	4210
	$V_1 : V_R$		0.82	0.86	0.87	0.88	0.85	0.88	0.89	0.91	0.85	0.88	0.89	0.90	0.86	0.89	0.90	0.91
10 mm slush or standing water	OAT [°C]	0	----	39.3	40.5	41.7	----	40.9	42.0	43.2	----	40.9	42.2	43.4	39.2	42.7	43.9	45.1
		5	----	39.1	40.3	41.4	----	40.4	41.5	42.7	----	40.5	41.8	43.0	39.1	42.1	43.3	44.5
		10	----	----	40.0	41.2	----	39.9	41.0	42.1	----	40.2	41.4	42.7	----	41.6	42.8	43.9
		15	----	----	39.8	40.9	----	39.3	40.5	41.6	----	39.8	41.1	42.3	----	41.1	42.2	43.4
		20	----	----	----	39.8	----	----	39.9	41.0	----	39.1	40.3	41.5	----	40.5	41.7	42.8
		25	----	----	----	----	----	----	39.2	40.3	----	----	39.1	40.2	----	39.5	40.7	41.9
		30					----	----	----	39.1	----	----	----	39.0	----	----	39.7	40.8
		35					----	----	----	----	----	----	----	----	----	----	----	39.6
	$V_1 : V_R$		0.80	0.85	0.87	0.88	0.82	0.88	0.89	0.90	0.84	0.88	0.89	0.90	0.85	0.89	0.90	0.91
10-50mm dry snow			----	41.4	42.6	43.8	39.8	42.8	44.0	45.2	39.6	43.0	44.2	45.4	41.3	44.7	46.0	47.2
	$V_1 : V_R$		0.76	0.81	0.82	0.83	0.78	0.83	0.84	0.86	0.79	0.83	0.84	0.85	0.79	0.84	0.85	0.86

location		CATANIA ITALY	FONTANAROSSA	LICC	
RWY	elev.[m]	08/26	13		
slope	stength	< 0,5	SIWL 25 t		
TORA	[m]	2550			
TODA		2610			
ASDA		2550			
LDA		08: 2425	26: 2375		

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	45.8	49.7	50.0	50.0	47.1	50.0	50.0	50.0								
	5	45.5	49.4	50.0	50.0	46.6	50.0	50.0	50.0								
	10	45.3	49.1	50.0	50.0	46.0	49.9	50.0	50.0								
	15	45.0	48.8	50.0	50.0	45.4	49.2	4930	4930								
	20	43.9	47.6	49.0	50.0	44.8	4750	4750	4750								
	25	42.6	46.2	47.6	48.9	44.1	4580	4580	4580								
	30	41.4	44.8	46.2	47.4	42.8	4410	4410	4410								
	35	40.2	43.5	44.8	46.1	41.5	4230	4230	4230								
	$V_1:V_R$	0.94	0.97	0.98	0.98	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	44.1	47.8	49.1	50.0	45.5	49.2	50.0	50.0								
	5	43.9	47.5	48.9	50.0	44.9	48.6	49.9	50.0								
	10	43.6	47.2	48.6	49.9	44.4	48.0	49.2	50.0								
	15	43.4	47.0	48.3	49.6	43.8	47.4	48.6	4930								
	20	42.3	45.8	47.1	48.4	43.3	46.8	4750	4750								
	25	41.1	44.4	45.7	47.0	42.5	4580	4580	4580								
	30	39.9	43.1	44.4	45.6	41.3	4410	4410	4410								
	35	----	41.9	43.1	44.3	40.1	4230	4230	4230								
	$V_1:V_R$	0.89	0.92	0.93	0.93	0.91	0.94	0.95	0.96								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	43.0	46.5	47.9	49.2	44.4	47.9	49.2	50.0								
	5	42.8	46.3	47.6	48.9	43.9	47.3	48.6	49.8								
	10	42.6	46.0	47.3	48.6	43.3	46.7	48.0	49.2								
	15	42.3	45.8	47.1	48.3	42.8	46.1	47.4	48.6								
	20	41.3	44.6	45.9	47.1	42.3	45.6	46.8	4750								
	25	40.1	43.3	44.5	45.7	41.5	44.8	4580	4580								
	30	----	42.0	43.2	44.4	40.3	43.5	4410	4410								
	35	----	40.8	42.0	43.1	39.1	42.2	4230	4230								
	$V_1:V_R$	0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92								
10 mm slush or standing water	OAT [°C] 0	39.5	42.9	44.1	45.4	41.0	44.3	45.5	46.7								
	5	39.3	42.6	43.9	45.1	40.5	43.7	45.0	46.2								
	10	39.1	42.4	43.6	44.9	40.0	43.2	44.4	45.6								
	15	----	42.2	43.4	44.6	39.5	42.7	43.8	45.0								
	20	----	41.1	42.3	43.5	39.1	42.1	43.3	44.5								
	25	----	39.9	41.1	42.2	----	41.4	42.6	43.7								
	30	----	----	39.9	41.0	----	40.2	41.3	42.4								
	35	----	----	----	39.9	----	39.0	40.1	41.2								
	$V_1:V_R$	0.83	0.88	0.89	0.89	0.88	0.90	0.91	0.92								
10-50mm dry snow	$V_1:V_R$																

location			COLOGNE - BONN							
			FRG COLOGNE - BONN APT EDDK							
RWY	elev.[m]		14L				91			
slope	stength		0,6 uphill				LCN100			
TORA	[m]		3800							
TODA			3860							
ASDA			3860							
LDA			3800							
flaps			10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890
		20	50.0	50.0	50.0	50.0	4720	4720	4720	4720
		25	4990	4990	4990	4990	4540	4540	4540	4540
		30	4800	4800	4800	4800	4370	4370	4370	4370
		35	08-2 4600	08-2 4600	08-2 4600	08-2 4600	4200	4200	4200	4200
	$V_1 : V_R$		13-2 1.00	21-3 1.00	21-3 1.00	21-3 1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890
		20	50.0	50.0	50.0	50.0	4720	4720	4720	4720
		25	49.2	4990	4990	4990	4540	4540	4540	4540
		30	47.8	4800	4800	4800	4370	4370	4370	4370
		35	4600	4600	4600	4600	4200	4200	4200	4200
	$V_1 : V_R$		0.95	0.98	0.99	1.00	0.99	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890
		20	49.2	50.0	50.0	50.0	4720	4720	4720	4720
		25	47.7	4990	4990	4990	4540	4540	4540	4540
		30	46.3	4800	4800	4800	4370	4370	4370	4370
		35	45.0	4600	4600	4600	4200	4200	4200	4200
	$V_1 : V_R$		0.91	0.94	0.95	0.96	0.94	0.99	0.99	1.00
10 mm slush or standing water	OAT [°C]	0	47.5	50.0	50.0	50.0	48.8	50.0	50.0	50.0
		5	47.2	50.0	50.0	50.0	48.2	50.0	50.0	50.0
		10	46.9	50.0	50.0	50.0	47.6	50.0	50.0	50.0
		15	46.6	50.0	50.0	50.0	46.9	4890	4890	4890
		20	45.3	48.8	50.0	50.0	46.3	4720	4720	4720
		25	43.9	47.4	48.7	49.9	45.4	4540	4540	4540
		30	42.7	46.0	47.2	4800	4370	4370	4370	4370
		35	41.4	44.6	45.9	4600	4200	4200	4200	4200
	$V_1 : V_R$		0.90	0.93	0.94	0.95	0.93	0.96	0.97	0.98
10-50mm dry snow	$V_1 : V_R$		49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
			0.85	0.89	0.90	0.91	0.88	0.93	0.94	0.95

			91				32R			
			LCN100				0,6 downhill			
			3800							
			3860							
			3860							
			3000							
			10°				20°			
			-5	0	5	10	-5	0	5	10
		0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890
		20	50.0	50.0	50.0	50.0	4720	4720	4720	4720
		25	4990	4990	4990	4990	4540	4540	4540	4540
		30	4800	4800	4800	4800	4370	4370	4370	4370
		35	08-2 4600	08-2 4600	08-2 4600	08-2 4600	4200	4200	4200	4200
			20-3 1.00	21-3 1.00	21-3 1.00	21-3 1.00	1.00	1.00	1.00	1.00
		0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890
		20	50.0	50.0	50.0	50.0	4720	4720	4720	4720
		25	4990	4990	4990	4990	4540	4540	4540	4540
		30	4800	4800	4800	4800	4370	4370	4370	4370
		35	4600	4600	4600	4600	4200	4200	4200	4200
			0.93	0.96	0.97	0.98	0.97	1.00	1.00	1.00
		0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890
		20	50.0	50.0	50.0	50.0	4720	4720	4720	4720
		25	49.4	4990	4990	4990	4540	4540	4540	4540
		30	48.0	4800	4800	4800	4370	4370	4370	4370
		35	4600	4600	4600	4600	4200	4200	4200	4200
			0.89	0.92	0.93	0.94	0.93	0.98	0.99	1.00
		0	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	48.8	50.0	50.0	50.0	49.7	50.0	50.0	50.0
		10	48.5	50.0	50.0	50.0	49.0	50.0	50.0	50.0
		15	48.2	50.0	50.0	50.0	48.4	4890	4890	4890
		20	46.8	50.0	50.0	50.0	4720	4720	4720	4720
		25	45.4	48.8	4990	4990	4540	4540	4540	4540
		30	44.1	47.3	4800	4800	4370	4370	4370	4370
		35	42.8	46.0	4600	4600	4200	4200	4200	4200
			0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.97
			50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
			0.83	0.86	0.87	0.88	0.86	0.92	0.93	0.94

location			COLOGNE - BONN			
			FRG COLOGNE - BONN		EDDK	
RWY	elev.[m]		07/25	91		
slope	stength		< 0,5	LCN63		
TORA	[m]		2459			
TODA			2459			
ASDA			2459			
LDA			2459			
flaps			10°	20°	10°	20°
wind		[m/s]	-5 | 0 | 5 | 10	-5 | 0 | 5 | 10	-5 | 0 | 5 | 10	-5 | 0 | 5 | 10
$\mu \geq 0,65$	OAT [°C]	0	44.4 48.2 49.7 50.0	45.7 49.6 50.0 50.0		
		5	44.1 47.9 49.4 50.0	45.1 49.0 50.0 50.0		
		10	43.9 47.6 49.1 50.0	44.6 48.4 49.6 50.0		
		15	43.6 47.3 48.8 50.0	44.0 47.7 4890 4890		
		20	42.3 46.0 47.3 48.7	43.4 47.1 4720 4720		
		25	41.1 44.6 45.9 47.3	42.5 4540 4540 4540		
		30	39.9 43.3 44.6 45.9	41.3 4370 4370 4370		
		35	---- 42.1 43.3 44.5	40.1 4200 4200 4200		
	$V_1 : V_R$		0.95 0.97 0.98 0.98	0.97 1.00 1.00 1.00		
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	42.8 46.4 47.7 49.1	44.2 47.8 49.0 50.0		
		5	42.5 46.1 47.4 48.8	43.6 47.1 48.4 49.7		
		10	42.3 45.8 47.2 48.5	43.0 46.5 47.8 49.0		
		15	42.0 45.5 46.9 48.2	42.5 45.9 47.2 48.4		
		20	40.8 44.2 45.5 46.8	41.9 45.3 46.5 4720		
		25	39.6 42.9 44.2 45.4	41.1 44.4 4540 4540		
		30	---- 41.7 42.9 44.1	39.9 43.1 4370 4370		
		35	---- 40.5 41.7 42.8	---- 41.8 4200 4200		
	$V_1 : V_R$		0.89 0.92 0.93 0.94	0.91 0.94 0.95 0.96		
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	41.7 45.2 46.5 47.8	43.1 46.6 47.8 49.1		
		5	41.5 44.9 46.2 47.5	42.6 46.0 47.2 48.4		
		10	41.2 44.7 45.9 47.2	42.0 45.4 46.6 47.8		
		15	41.0 44.4 45.7 46.9	41.5 44.8 46.0 47.2		
		20	39.8 43.1 44.3 45.5	41.0 44.2 45.4 46.6		
		25	---- 41.8 43.0 44.2	40.2 43.3 44.5 4540		
		30	---- 40.6 41.8 42.9	---- 42.0 43.2 4370		
		35	---- 39.5 40.6 41.7	---- 40.8 41.9 4200		
	$V_1 : V_R$		0.85 0.88 0.89 0.90	0.87 0.90 0.91 0.92		
10 mm slush or standing water	OAT [°C]	0	---- 41.6 42.9 44.1	39.9 43.1 44.3 45.5		
		5	---- 41.4 42.6 43.8	39.4 42.5 43.7 44.9		
		10	---- 41.1 42.4 43.6	---- 42.0 43.2 44.3		
		15	---- 40.9 42.1 43.3	---- 41.4 42.6 43.7		
		20	---- 39.7 40.9 42.1	---- 40.9 42.0 43.2		
		25	---- ---- 39.7 40.8	---- 40.1 41.2 42.3		
		30	---- ---- ---- 39.6	---- ---- 40.0 41.1		
		35	---- ---- ---- ----	---- ---- ---- 39.9		
	$V_1 : V_R$		0.83 0.88 0.89 0.90	0.84 0.90 0.91 0.92		
10-50mm dry snow			40.5 43.8 45.0 46.2	42.0 45.1 46.4 47.6		
	$V_1 : V_R$		0.79 0.83 0.84 0.85	0.81 0.85 0.86 0.87		

location		CONSTANTA							
		ROMANIA MIHAIL KOGALNICEANU LRCK							
RWY	elev.[m]	18		108		36		108	
slope	stength	<0,5		SIWL 45 t		<0,5		SIWL 45 t	
TORA	[m]	3500				3500			
TODA		3800				3900			
ASDA		3500				3500			
LDA		3500				3500			
flaps		10°		20°		10°		20°	
wind	[m/s]	-5 0 5 10		-5 0 5 10		-5 0 5 10		-5 0 5 10	
$\mu \geq 0,65$	OAT [°C] 0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
	5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
	10	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
	15	50.0 50.0 50.0 50.0		4880 4880 4880 4880		50.0 50.0 50.0 50.0		4880 4880 4880 4880	
	20	50.0 50.0 50.0 50.0		4710 4710 4710 4710		50.0 50.0 50.0 50.0		4710 4710 4710 4710	
	25	4980 4980 4980 4980		4540 4540 4540 4540		4980 4980 4980 4980		4540 4540 4540 4540	
	30	4790 4790 4790 4790		4360 4360 4360 4360		4790 4790 4790 4790		4360 4360 4360 4360	
		05-1 09-2 09-2 09-2				08-1 09-2 09-2 09-2			
	35	4600 4600 4600 4600		4190 4190 4190 4190		4600 4600 4600 4600		4190 4190 4190 4190	
		04-2 22-3 22-3 22-3				07-2 22-3 22-3 22-3			
	$V_1 : V_R$	0.97 0.99 1.00 1.00		1.00 1.00 1.00 1.00		0.96 0.99 1.00 1.00		1.00 1.00 1.00 1.00	
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
	5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
	10	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
	15	50.0 50.0 50.0 50.0		4880 4880 4880 4880		50.0 50.0 50.0 50.0		4880 4880 4880 4880	
	20	49.9 50.0 50.0 50.0		4710 4710 4710 4710		50.0 50.0 50.0 50.0		4710 4710 4710 4710	
	25	48.5 4980 4980 4980		4540 4540 4540 4540		48.6 4980 4980 4980		4540 4540 4540 4540	
	30	47.1 4790 4790 4790		4360 4360 4360 4360		47.2 4790 4790 4790		4360 4360 4360 4360	
	35	45.7 4600 4600 4600		4190 4190 4190 4190		45.8 4600 4600 4600		4190 4190 4190 4190	
	$V_1 : V_R$	0.91 0.94 0.95 0.96		0.95 0.99 1.00 1.00		0.91 0.94 0.95 0.96		0.94 0.99 1.00 1.00	
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
	5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
	10	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
	15	49.8 50.0 50.0 50.0		4880 4880 4880 4880		49.8 50.0 50.0 50.0		4880 4880 4880 4880	
	20	48.6 50.0 50.0 50.0		4710 4710 4710 4710		48.7 50.0 50.0 50.0		4710 4710 4710 4710	
	25	47.2 4980 4980 4980		4540 4540 4540 4540		47.3 4980 4980 4980		4540 4540 4540 4540	
	30	45.8 4790 4790 4790		4360 4360 4360 4360		45.9 4790 4790 4790		4360 4360 4360 4360	
	35	44.5 4600 4600 4600		4190 4190 4190 4190		44.5 4600 4600 4600		4190 4190 4190 4190	
	$V_1 : V_R$	0.87 0.90 0.92 0.93		0.90 0.95 0.96 0.97		0.88 0.90 0.91 0.92		0.90 0.95 0.96 0.97	
10 mm slush or standing water	OAT [°C] 0	46.9 50.0 50.0 50.0		48.3 50.0 50.0 50.0		47.0 50.0 50.0 50.0		48.6 50.0 50.0 50.0	
	5	46.6 50.0 50.0 50.0		47.6 50.0 50.0 50.0		46.6 50.0 50.0 50.0		48.0 50.0 50.0 50.0	
	10	46.2 49.9 50.0 50.0		47.0 50.0 50.0 50.0		46.2 49.9 50.0 50.0		47.4 50.0 50.0 50.0	
	15	45.8 49.4 50.0 50.0		46.4 4880 4880 4880		45.8 49.4 50.0 50.0		46.8 4880 4880 4880	
	20	44.7 48.1 49.4 50.0		45.8 4710 4710 4710		44.8 48.4 49.7 50.0		46.1 4710 4710 4710	
	25	43.4 46.7 47.9 49.1		44.8 4540 4540 4540		43.5 46.9 48.2 49.4		45.2 4540 4540 4540	
	30	42.1 45.3 46.5 47.7		43.5 4360 4360 4360		42.2 45.5 46.8 4790		4360 4360 4360 4360	
	35	40.9 44.0 45.2 4600		4190 4190 4190 4190		40.9 44.2 45.4 4600		4190 4190 4190 4190	
	$V_1 : V_R$	0.86 0.89 0.90 0.91		0.89 0.93 0.94 0.94		0.87 0.90 0.90 0.91		0.88 0.92 0.93 0.94	
10-50mm dry snow		49.4 50.0 50.0 50.0		50.0 50.0 50.0 50.0		49.5 50.0 50.0 50.0		0.84 0.89 0.90 0.91	
	$V_1 : V_R$	0.82 0.85 0.86 0.87		0.84 0.89 0.90 0.92		0.82 0.84 0.86 0.86		50.0 50.0 50.0 50.0	

location		COPENHAGEN			
		DENMARK	KASTRUP APT.	EKCH	
RWY	elev.[m]	04L/POS A.	5	22R/POS A	5
slope	stength	< 0,5	PCN70 F/C/X/U	< 0,5	PCN70 F/C/X/U
TORA	[m]	3000		3600	
TODA	[m]	3000		3600	
ASDA	[m]	3600		3600	
LDA	[m]	3000		3000	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930	50.0	50.0	50.0	50.0	4930	4930	4930	4930
	20	50.0	50.0	50.0	50.0	4760	4760	4760	4760	50.0	50.0	50.0	50.0	4760	4760	4760	4760
	25	48.8	50.0	50.0	50.0	4580	4580	4580	4580	50.0	50.0	50.0	50.0	4580	4580	4580	4580
	30	47.4	4840	4840	4840	4410	4410	4410	4410	4840	4840	4840	4840	4410	4410	4410	4410
			10-1	10-1	10-1					04-1	10-1	10-1	10-1				
	35	46.0	4650	4650	4650	4230	4230	4230	4230	4650	4650	4650	4650	4230	4230	4230	4230
			14-3	17-3	17-3					09-1	17-3	17-3	17-3				
	V_1 : V_R	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	49.1	50.0	50.0	50.0	4930	4930	4930	4930	50.0	50.0	50.0	50.0	4930	4930	4930	4930
	20	47.9	50.0	50.0	50.0	4760	4760	4760	4760	50.0	50.0	50.0	50.0	4760	4760	4760	4760
	25	46.5	50.0	50.0	50.0	4580	4580	4580	4580	48.8	50.0	50.0	50.0	4580	4580	4580	4580
	30	45.1	4840	4840	4840	4410	4410	4410	4410	47.3	4840	4840	4840	4410	4410	4410	4410
	35	43.8	4650	4650	4650	4230	4230	4230	4230	46.0	4650	4650	4650	4230	4230	4230	4230
	V_1 : V_R	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.4	50.0	50.0	50.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	48.1	50.0	50.0	50.0	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	47.8	50.0	50.0	50.0	48.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	47.5	50.0	50.0	50.0	47.9	4930	4930	4930	50.0	50.0	50.0	50.0	4930	4930	4930	4930
	20	46.4	50.0	50.0	50.0	47.3	4760	4760	4760	48.8	50.0	50.0	50.0	4760	4760	4760	4760
	25	45.0	48.6	49.9	50.0	4580	4580	4580	4580	47.4	50.0	50.0	50.0	4580	4580	4580	4580
	30	43.7	47.2	4840	4840	4410	4410	4410	4410	46.0	4840	4840	4840	4410	4410	4410	4410
	35	42.4	45.8	4650	4650	4230	4230	4230	4230	44.7	4650	4650	4650	4230	4230	4230	4230
	V_1 : V_R	0.93	0.96	0.97	0.97	0.95	0.99	1.00	1.00	0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.98
10 mm slush or standing water	OAT [°C] 0	44.3	48.0	49.5	50.0	45.6	49.5	50.0	50.0	46.8	50.0	50.0	50.0	48.1	50.0	50.0	50.0
	5	44.0	47.8	49.2	50.0	45.1	48.8	50.0	50.0	46.5	50.0	50.0	50.0	47.5	50.0	50.0	50.0
	10	43.8	47.5	48.9	50.0	44.5	48.2	49.5	50.0	46.2	49.9	50.0	50.0	46.9	50.0	50.0	50.0
	15	43.5	47.2	48.6	50.0	44.0	47.6	48.9	4930	46.0	49.6	50.0	50.0	46.3	4930	4930	4930
	20	42.5	46.1	47.4	48.8	43.4	47.0	4760	4760	44.8	48.4	49.7	50.0	45.8	4760	4760	4760
	25	41.2	44.7	46.0	47.3	42.7	4580	4580	4580	43.5	46.9	48.2	49.5	45.0	4580	4580	4580
	30	40.0	43.4	44.7	45.9	41.4	4410	4410	4410	42.3	45.6	46.8	48.0	43.7	4410	4410	4410
	35	---	42.1	43.4	44.6	40.2	4230	4230	4230	41.0	44.2	45.4	4650	4230	4230	4230	4230
	V_1 : V_R	0.93	0.95	0.96	0.97	0.95	0.98	0.98	0.99	0.88	0.91	0.92	0.93	0.91	0.94	0.95	0.96
10-50mm dry snow		46.5	50.0	50.0	50.0	47.8	50.0	50.0	50.0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	V_1 : V_R	0.87	0.90	0.91	0.92	0.90	0.93	0.94	0.95	0.83	0.87	0.88	0.89	0.86	0.91	0.92	0.93

location		COPENHAGEN			
		DENMARK	KASTRUP APT.	EKCH	
RWY	elev.[m]	04L POS B.	5	22R/POS B.	5
slope	stength	< 0,5	PCN70 F/C/X/U	< 0,5	PCN70 F/C/X/U
TORA	[m]	2470		3450	
TODA	[m]	2470		3450	
ASDA	[m]	2470		3450	
LDA	[m]	3000		3000	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930	50.0	50.0	50.0	50.0	4930	4930	4930	4930
	20	50.0	50.0	50.0	50.0	4760	4760	4760	4760	50.0	50.0	50.0	50.0	4760	4760	4760	4760
	25	49.8	50.0	50.0	50.0	4580	4580	4580	4580	49.8	50.0	50.0	50.0	4580	4580	4580	4580
	30	48.3	4840	4840	4840	4410	4410	4410	4410	48.3	4840	4840	4840	4410	4410	4410	4410
			10-1	10-1	10-1						10-1	10-1	10-1				
	35	4650	4650	4650	4650	4230	4230	4230	4230	4650	4650	4650	4650	4230	4230	4230	4230
			17-3	17-3	17-3						17-3	17-3	17-3				
	V_1 : V_R	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930	50.0	50.0	50.0	50.0	4930	4930	4930	4930
	20	49.2	50.0	50.0	50.0	4760	4760	4760	4760	49.2	50.0	50.0	50.0	4760	4760	4760	4760
	25	47.7	50.0	50.0	50.0	4580	4580	4580	4580	47.7	50.0	50.0	50.0	4580	4580	4580	4580
	30	46.3	4840	4840	4840	4410	4410	4410	4410	46.3	4840	4840	4840	4410	4410	4410	4410
	35	45.0	4650	4650	4650	4230	4230	4230	4230	45.0	4650	4650	4650	4230	4230	4230	4230
	V_1 : V_R	0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00	0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	49.0	50.0	50.0	50.0	4930	4930	4930	4930	49.0	50.0	50.0	50.0	4930	4930	4930	4930
	20	47.8	50.0	50.0	50.0	4760	4760	4760	4760	47.8	50.0	50.0	50.0	4760	4760	4760	4760
	25	46.4	49.8	50.0	50.0	4580	4580	4580	4580	46.4	49.8	50.0	50.0	4580	4580	4580	4580
	30	45.0	48.4	4840	4840	4410	4410	4410	4410	45.0	48.4	4840	4840	4410	4410	4410	4410
	35	43.7	4650	4650	4650	4230	4230	4230	4230	43.7	4650	4650	4650	4230	4230	4230	4230
	V_1 : V_R	0.89	0.92	0.93	0.94	0.91	0.96	0.96	0.97	0.89	0.92	0.93	0.94	0.91	0.96	0.96	0.97
10 mm slush or standing water	OAT [°C] 0	45.7	49.4	50.0	50.0	47.1	50.0	50.0	50.0	45.7	49.4	50.0	50.0	47.1	50.0	50.0	50.0
	5	45.5	49.1	50.0	50.0	46.5	50.0	50.0	50.0	45.5	49.1	50.0	50.0	46.5	50.0	50.0	50.0
	10	45.2	48.8	50.0	50.0	45.9	49.6	50.0	50.0	45.2	48.8	50.0	50.0	45.9	49.6	50.0	50.0
	15	45.0	48.6	49.9	50.0	45.4	49.0	4930	4930	45.0	48.6	49.9	50.0	45.4	49.0	4930	4930
	20	43.9	47.4	48.7	50.0	44.8	4760	4760	4760	43.9	47.4	48.7	50.0	44.8	4760	4760	4760
	25	42.6	46.0	47.2	48.5	44.0	4580	4580	4580	42.6	46.0	47.2	48.5	44.0	4580	4580	4580
	30	41.4	44.6	45.9	47.1	42.8	4410	4410	4410	41.4	44.6	45.9	47.1	42.8	4410	4410	4410
	35	40.2	43.3	44.5	45.7	41.5	4230	4230	4230	40.2	43.3	44.5	45.7	41.5	4230	4230	4230
	V_1 : V_R	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.95	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.95
10-50mm dry snow		48.2	50.0	50.0	50.0	49.5	50.0	50.0	50.0	48.2	50.0	50.0	50.0	49.5	50.0	50.0	50.0
	V_1 : V_R	0.83	0.86	0.87	0.89	0.85	0.90	0.91	0.92	0.83	0.86	0.87	0.89	0.85	0.90	0.91	0.92

location			COPENHAGEN													
			DENMARK				KASTRUP APT.				EKCH					
RWY	elev.[m]		12/POS A.				5				30/POS A.				5	
slope	stength		< 0,5				PCN69 F/C/X/U				< 0,5				PCN69 F/C/X/U	
TORA	[m]		3070								2800					
TODA			3070								2800					
ASDA			3070								2800					
LDA			2800								2800					
flaps			10°				20°				10°				20°	
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.9	50.0	50.0	50.0	49.2	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.6	50.0	50.0	50.0	48.6	50.0	50.0	50.0
		10	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.3	50.0	50.0	50.0	48.0	50.0	50.0	50.0
		15	49.5	50.0	50.0	50.0	4930	4930	4930	4930	47.1	50.0	50.0	50.0	47.4	4930	4930	4930
		20	48.2	50.0	50.0	50.0	4760	4760	4760	4760	45.9	49.7	50.0	50.0	46.8	4760	4760	4760
		25	46.8	50.0	50.0	50.0	4580	4580	4580	4580	44.6	48.2	49.6	50.0	4580	4580	4580	4580
		30	45.4	4840	4840 10-1	4840 10-1	4410	4410	4410	4410	43.3	46.8	48.2	4840 05-1	4410	4410	4410	4410
		35	44.1	4650 06-1	4650 13-2	4650 17-3	4230	4230	4230	4230	42.0	45.5	4650	4650 10-1	4230	4230	4230	4230
	$V_1 : V_R$		0.97	0.99	1.00	1.00	0.99	1.00	1.00	1.00	0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	48.3	50.0	50.0	50.0	49.7	50.0	50.0	50.0	46.0	49.8	50.0	50.0	47.4	50.0	50.0	50.0
		5	48.0	50.0	50.0	50.0	49.0	50.0	50.0	50.0	45.8	49.5	50.0	50.0	46.8	50.0	50.0	50.0
		10	47.7	50.0	50.0	50.0	48.4	50.0	50.0	50.0	45.5	49.2	50.0	50.0	46.2	50.0	50.0	50.0
		15	47.5	50.0	50.0	50.0	47.8	4930	4930	4930	45.3	48.9	50.0	50.0	45.6	4930	4930	4930
		20	46.3	49.9	50.0	50.0	47.2	4760	4760	4760	44.1	47.7	49.1	50.0	45.1	4760	4760	4760
		25	44.9	48.5	49.8	50.0	4580	4580	4580	4580	42.9	46.3	47.6	48.9	44.3	4580	4580	4580
		30	43.6	47.0	48.3	4840	4410	4410	4410	4410	41.6	44.9	46.2	47.5	43.0	4410	4410	4410
		35	42.4	45.7	4650	4650	4230	4230	4230	4230	40.4	43.6	44.9	46.1	41.7	4230	4230	4230
	$V_1 : V_R$		0.91	0.94	0.95	0.96	0.94	0.98	0.98	0.99	0.90	0.93	0.94	0.95	0.93	0.96	0.97	0.98
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	47.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0	44.8	48.4	49.8	50.0	46.2	49.8	50.0	50.0
		5	46.7	50.0	50.0	50.0	47.7	50.0	50.0	50.0	44.6	48.1	49.5	50.0	45.6	49.2	50.0	50.0
		10	46.5	50.0	50.0	50.0	47.1	50.0	50.0	50.0	44.3	47.9	49.2	50.0	45.0	48.6	49.9	50.0
		15	46.2	49.8	50.0	50.0	46.5	4930	4930	4930	44.1	47.6	48.9	50.0	44.5	48.0	49.2	4930
		20	45.1	48.5	49.9	50.0	46.0	4760	4760	4760	43.0	46.4	47.7	49.0	43.9	47.4	4760	4760
		25	43.7	47.1	48.4	49.6	45.2	4580	4580	4580	41.7	45.1	46.3	47.5	43.2	4580	4580	4580
		30	42.5	45.7	47.0	48.2	43.9	4410	4410	4410	40.5	43.7	45.0	46.1	41.9	4410	4410	4410
		35	41.2	44.4	45.6	4650	4230	4230	4230	4230	39.4	42.5	43.7	44.8	40.7	4230	4230	4230
	$V_1 : V_R$		0.87	0.90	0.91	0.92	0.90	0.93	0.94	0.95	0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94
10 mm slush or standing water	OAT [°C]	0																
		5	43.1	46.6	48.0	49.3	44.5	48.0	49.3	50.0	41.1	44.6	45.9	47.2	42.6	46.0	47.2	48.5
		10	42.8	46.4	47.7	49.0	43.9	47.4	48.7	50.0	40.9	44.3	45.6	46.9	42.1	45.4	46.6	47.9
		15	42.6	46.1	47.4	48.7	43.4	46.8	48.1	49.3	40.7	44.1	45.4	46.6	41.5	44.8	46.1	47.3
		20	42.4	45.9	47.2	48.5	42.8	46.3	47.5	48.7	40.4	43.8	45.1	46.4	41.0	44.3	45.5	46.7
		25	41.3	44.7	46.0	47.3	42.3	45.7	46.9	4760	39.4	42.8	44.0	45.2	40.5	43.7	44.9	46.1
		30	40.1	43.4	44.7	45.9	41.6	44.9	4580	4580	----	41.5	42.7	43.9	39.9	43.0	44.2	45.3
		35	----	42.2	43.4	44.5	40.4	43.6	4410	4410	----	40.3	41.5	42.6	----	41.7	42.9	44.0
	$V_1 : V_R$		----	40.9	42.1	43.2	39.2	42.3	4230	4230	----	39.1	40.3	41.4	----	40.5	41.6	4230
			0.87	0.90	0.91	0.92	0.89	0.92	0.93	0.94	0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93
10-50mm dry snow			45.5	48.9	50.0	50.0	46.8	50.0	50.0	50.0	43.4	46.9	48.1	49.4	44.8	48.2	49.5	50.0
	$V_1 : V_R$		0.81	0.85	0.86	0.87	0.84	0.88	0.89	0.90	0.80	0.84	0.85	0.86	0.82	0.86	0.88	0.89

location		COPENHAGEN			
		DENMARK	KASTRUP	EKCH	
RWY	elev.[m]	04R/22L Pos.	5		
slope	stength	<0,5	PCN70F/C/X/U		
TORA	[m]	3300			
TODA	[m]	3300			
ASDA	[m]	3300			
LDA	[m]	3300			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930								
	20	50.0	50.0	50.0	50.0	4760	4760	4760	4760								
	25	48.6	50.0	50.0	50.0	4580	4580	4580	4580								
	30	47.2	4840	4840	4840	4410	4410	4410	4410								
			10-1	10-1	10-1												
	35	45.8	4650	4650	4650	4230	4230	4230	4230								
			10-3	17-3	17-3												
	V_1:V_R	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	49.3	50.0	50.0	50.0	4930	4930	4930	4930								
	20	48.1	50.0	50.0	50.0	4760	4760	4760	4760								
	25	46.6	50.0	50.0	50.0	4580	4580	4580	4580								
	30	45.3	4840	4840	4840	4410	4410	4410	4410								
	35	44.0	4650	4650	4650	4230	4230	4230	4230								
	V_1:V_R	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	48.5	50.0	50.0	50.0	49.5	50.0	50.0	50.0								
	10	48.2	50.0	50.0	50.0	48.9	50.0	50.0	50.0								
	15	47.9	50.0	50.0	50.0	48.3	4930	4930	4930								
	20	46.7	50.0	50.0	50.0	4760	4760	4760	4760								
	25	45.4	48.8	50.0	50.0	4580	4580	4580	4580								
	30	44.0	47.3	4840	4840	4410	4410	4410	4410								
	35	42.8	46.0	4650	4650	4230	4230	4230	4230								
	V_1:V_R	0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.96								
10 mm slush or standing water	OAT [°C] 0	44.7	48.3	49.7	50.0	46.1	49.7	50.0	50.0								
	5	44.5	48.1	49.4	50.0	45.5	49.1	50.0	50.0								
	10	44.2	47.8	49.1	50.0	44.9	48.5	49.8	50.0								
	15	44.0	47.5	48.9	50.0	44.4	47.9	49.2	4930								
	20	42.9	46.3	47.7	48.9	43.8	47.3	4760	4760								
	25	41.6	45.0	46.2	47.5	43.1	4580	4580	4580								
	30	40.4	43.7	44.9	46.1	41.8	4410	4410	4410								
	35	39.3	42.4	43.6	44.7	40.6	4230	4230	4230								
	V_1:V_R	0.87	0.90	0.91	0.92	0.90	0.93	0.94	0.95								
10-50mm dry snow		47.1	50.0	50.0	50.0	48.4	50.0	50.0	50.0								
	V_1:V_R	0.82	0.86	0.87	0.88	0.85	0.89	0.90	0.91								

location			DAMASCUS															
			SYRIAN A.R. DAMASCUS INT'L APT. OSDI															
RWY	elev.[m]		05L/23R				616				05R/23L				616			
slope	stength		< 0,5				LCN110				< 0,5				LCN100			
TORA	[m]		3000								3600							
TODA			3000								3600							
ASDA			3000								3600							
LDA			3000								3600							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	47.7	50.0	50.0	50.0	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	47.3	50.0	50.0	50.0	48.3	4970	4970	4970	50.0	50.0	50.0	50.0	4970	4970	4970	4970
		10	46.6	50.0	50.0	50.0	47.4	4800	4800	4800	50.0	50.0	50.0	50.0	4800	4800	4800	4800
		15	45.2	48.9	50.0	50.0	4640	4640	4640	4640	49.8	50.0	50.0	50.0	4640	4640	4640	4640
		20	43.9	47.4	48.8	4900 04-1	4470	4470	4470	4470	48.3	4900 04-1	4900 04-1	4900 04-1	4470	4470	4470	4470
		25	42.7	46.1	4710	4710 09-1	4300	4300	4300	4300	47.0	4710 17-2	4710 17-2	4710 17-2	4300	4300	4300	4300
		30	41.4	44.8	4530 02-1	4530 08-2	4140	4140	4140	4140	4530	4530 19-3	4530 23-4	4530 23-4	4140	4140	4140	4140
		35																
	$V_1 : V_R$		0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	45.8	49.4	50.0	50.0	47.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	45.4	49.0	50.0	50.0	46.4	4970	4970	4970	49.9	50.0	50.0	50.0	4970	4970	4970	4970
		10	44.8	48.3	49.6	50.0	45.6	4800	4800	4800	49.2	50.0	50.0	50.0	4800	4800	4800	4800
		15	43.5	46.9	48.2	49.4	44.8	4640	4640	4640	47.7	50.0	50.0	50.0	4640	4640	4640	4640
		20	42.2	45.5	46.8	48.0	43.6	4470	4470	4470	46.3	4900	4900	4900	4470	4470	4470	4470
		25	41.0	44.2	45.4	46.6	42.3	4300	4300	4300	45.0	4710	4710	4710	4300	4300	4300	4300
		30	39.8	42.9	44.1	4530	41.1	4140	4140	4140	43.7	4530	4530	4530	4140	4140	4140	4140
		35																
	$V_1 : V_R$		0.91	0.94	0.95	0.96	0.94	0.97	0.98	0.99	0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	44.6	48.0	49.4	50.0	45.9	49.5	50.0	50.0	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	44.2	47.7	48.9	50.0	45.1	48.7	4970	4970	48.5	50.0	50.0	50.0	49.5	4970	4970	4970
		10	43.6	47.0	48.2	49.5	44.4	47.9	4800	4800	47.8	50.0	50.0	50.0	4800	4800	4800	4800
		15	42.3	45.6	46.8	48.0	43.6	4640	4640	4640	46.4	49.7	50.0	50.0	4640	4640	4640	4640
		20	41.1	44.3	45.5	46.6	42.5	4470	4470	4470	45.0	48.3	4900	4900	4470	4470	4470	4470
		25	39.9	43.0	44.2	45.3	41.2	4300	4300	4300	43.7	46.9	4710	4710	4300	4300	4300	4300
		30	----	41.8	42.9	44.0	40.0	4140	4140	4140	42.5	4530	4530	4530	4140	4140	4140	4140
		35																
	$V_1 : V_R$		0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95	0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.98
10 mm slush or standing water	OAT [°C]	0	40.9	44.3	45.5	46.8	42.3	45.7	46.9	48.1	44.9	48.4	49.7	50.0	46.2	49.9	50.0	50.0
		5	40.6	43.9	45.2	46.4	41.6	44.9	46.1	47.3	44.5	48.0	49.3	50.0	45.4	49.1	4970	4970
		10	40.0	43.3	44.5	45.7	40.9	44.1	45.3	46.5	43.9	47.3	48.6	49.9	44.7	4800	4800	4800
		15	----	42.0	43.2	44.4	40.2	43.4	44.5	45.7	42.6	45.9	47.2	48.4	43.9	4640	4640	4640
		20	----	40.8	42.0	43.1	39.1	42.2	43.4	44.5	41.4	44.6	45.8	47.0	42.8	4470	4470	4470
		25	----	39.6	40.8	41.9	----	41.0	42.1	4300	40.2	43.3	44.5	45.6	41.5	4300	4300	4300
		30	----	----	39.6	40.7	----	39.8	40.8	4140	39.0	42.1	43.2	44.3	40.3	4140	4140	4140
		35																
	$V_1 : V_R$		0.85	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.88	0.91	0.92	0.93	0.91	0.94	0.95	0.96
10-50mm dry snow	$V_1 : V_R$																	

location		DRESDEN			
		GDR	DRESDEN APT	ETDN	
RWY	elev.[m]	22	230	04	230
slope	stength	0,6 uphill	LCN100	0,6 downhill	LCN100
TORA	[m]	2500		2500	
TODA	[m]	3100		3100	
ASDA	[m]	2500		2500	
LDA	[m]	2500		2500	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	45.0	48.9	50.0	50.0	46.7	50.0	50.0	50.0	46.4	50.0	50.0	50.0	48.3	50.0	50.0	50.0
	5	44.5	48.4	49.9	50.0	46.7	50.0	50.0	50.0	45.9	49.8	50.0	50.0	48.3	50.0	50.0	50.0
	10	44.1	47.9	49.4	50.0	46.3	4990	4990	4990	45.5	49.3	50.0	50.0	47.9	4990	4990	4990
	15	43.6	47.5	48.9	50.0	45.3	4820	4820	4820	45.0	48.8	50.0	50.0	46.8	4820	4820	4820
	20	42.5	46.2	47.6	49.0	44.2	4650	4650	4650	43.8	47.5	48.9	50.0	45.7	4650	4650	4650
	25	41.2	44.8	46.2	47.5	43.1	4480	4480	4480	42.5	46.1	47.4	48.7	44.5	4480	4480	4480
	30	40.0	43.5	44.8	46.1	41.9	4310	4310	4310	41.2	44.7	46.0	47.2	4310	4310	4310	4310
	35	----	42.2	43.5	44.7	40.8	4140	4140	4140	40.0	43.3	44.6	4530	4140	4140	4140	4140
	$V_1 : V_R$	0.95	0.97	0.97	0.95	0.96	0.99	0.97	0.98	0.92	0.94	0.93	0.94	0.93	0.95	0.96	0.97
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	43.3	47.0	48.4	49.7	45.0	48.7	50.0	50.0	44.7	48.4	49.8	50.0	46.6	50.0	50.0	50.0
	5	42.9	46.5	47.9	49.2	44.9	48.7	49.9	50.0	44.3	47.9	49.3	50.0	46.6	50.0	50.0	50.0
	10	42.4	46.1	47.4	48.7	44.6	48.3	49.5	4990	43.9	47.5	48.8	50.0	46.2	49.9	4990	4990
	15	42.0	45.6	46.9	48.3	43.5	47.2	4820	4820	43.4	47.0	48.3	49.6	45.1	4820	4820	4820
	20	40.9	44.4	45.7	47.0	42.5	46.1	4650	4650	42.3	45.8	47.0	48.3	44.0	4650	4650	4650
	25	39.7	43.1	44.3	45.6	41.4	4480	4480	4480	41.0	44.4	45.6	46.8	42.9	4480	4480	4480
	30	----	41.8	43.0	44.2	40.3	4310	4310	4310	39.8	43.0	44.3	45.4	41.8	4310	4310	4310
	35	----	40.5	41.7	42.9	39.2	4140	4140	4140	----	41.8	42.9	44.1	40.7	4140	4140	4140
	$V_1 : V_R$	0.89	0.92	0.93	0.93	0.91	0.94	0.94	0.95	0.87	0.90	0.90	0.91	0.88	0.91	0.92	.92
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	42.2	45.8	47.1	48.4	43.8	47.4	48.7	49.9	43.7	47.2	48.5	49.8	45.5	49.1	50.0	50.0
	5	41.8	45.3	46.6	47.9	43.8	47.4	48.6	49.8	43.2	46.8	48.0	49.3	45.5	49.0	50.0	50.0
	10	41.4	44.9	46.2	47.4	43.4	47.0	48.3	49.5	42.8	46.3	47.6	48.8	45.1	48.7	49.9	4990
	15	41.0	44.4	45.7	46.9	42.4	45.9	47.1	4820	42.4	45.8	47.1	48.3	44.1	47.5	4820	4820
	20	39.9	43.3	44.5	45.7	41.4	44.8	46.0	4650	41.3	44.6	45.9	47.0	43.0	46.4	4650	4650
	25	----	42.0	43.2	44.3	40.3	43.7	4480	4480	40.0	43.3	44.5	45.6	41.9	4480	4480	4480
	30	----	40.7	41.9	43.0	39.2	42.6	4310	4310	----	42.0	43.1	44.3	40.8	4310	4310	4310
	35	----	39.5	40.6	41.7	----	4140	4140	4140	----	40.7	41.8	42.9	39.7	4140	4140	4140
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.86	0.90	0.91	0.92	0.83	0.86	0.87	0.88	0.84	0.87	0.88	0.89
10 mm slush or standing water	OAT [°C] 0	----	42.2	43.5	44.8	40.4	44.0	45.2	46.4	40.0	43.5	44.7	46.0	41.8	45.3	46.6	47.8
	5	----	41.8	43.1	44.3	40.4	43.9	45.2	46.4	39.6	43.0	44.3	45.5	41.8	45.3	46.5	47.7
	10	----	41.4	42.7	43.9	40.1	43.6	44.8	46.0	39.3	42.6	43.8	45.1	41.5	44.9	46.2	47.4
	15	----	41.0	42.2	43.5	39.1	42.5	43.8	45.0	----	42.2	43.4	44.6	40.5	43.9	45.1	46.3
	20	----	39.9	41.1	42.3	----	41.5	42.7	43.9	----	41.1	42.3	43.4	39.5	42.8	44.0	45.2
	25	----	----	39.9	41.0	----	40.4	41.6	42.8	----	39.8	41.0	42.1	----	41.7	42.9	44.0
	30	----	----	----	39.8	----	39.4	40.5	41.7	----	----	39.8	40.9	----	40.6	41.8	42.9
	35	----	----	----	----	----	----	39.4	40.5	----	----	----	39.6	----	39.5	40.7	4140
	$V_1 : V_R$	0.84	0.88	0.89	0.89	0.85	0.89	0.90	0.91	0.82	0.86	0.87	0.87	0.83	0.87	0.88	0.89
10-50mm dry snow		40.9	44.3	45.6	46.8	42.5	45.9	47.2	48.4	42.4	45.8	47.1	48.3	44.2	47.6	48.9	50.0
	$V_1 : V_R$	0.79	0.83	0.84	0.85	0.80	0.84	0.86	0.87	0.77	0.81	0.82	0.83	0.78	0.82	0.83	0.83

location			DUBLIN			
			IRELAND	DUBLIN APT.		EIDW
RWY	elev.[m]		05/23	68		
slope	stength		< 0,5	PCN 70/C/W/U		
TORA	[m]		2286			
TODA			2347			
ASDA			2286			
LDA			2286			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	43.1	46.8	48.2	49.6	44.5	48.2	49.5	50.0								
		5	42.8	46.5	48.0	49.3	43.9	47.6	48.9	50.0								
		10	42.6	46.3	47.7	49.0	43.3	47.0	48.2	49.5								
		15	42.3	46.0	47.4	48.8	42.8	46.4	47.6	48.8								
		20	41.2	44.7	46.1	47.4	42.2	45.8	47.0	4730								
		25	40.0	43.4	44.7	46.0	41.4	44.9	4550	4550								
		30	----	42.1	43.4	44.6	40.2	43.6	4380	4380								
		35	----	40.9	42.2	43.4	39.0	4210	4210	4210								
	$V_1 : V_R$		0.93	0.96	0.97	0.97	0.95	0.98	0.99	0.99								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	41.6	45.1	46.5	47.8	43.0	46.5	47.8	49.0								
		5	41.4	44.9	46.2	47.5	42.5	45.9	47.2	48.4								
		10	41.1	44.6	45.9	47.2	41.9	45.3	46.6	47.8								
		15	40.9	44.3	45.6	46.9	41.4	44.7	46.0	47.2								
		20	39.7	43.1	44.4	45.6	40.9	44.2	45.4	46.5								
		25	----	41.8	43.1	44.3	40.1	43.3	44.5	4550								
		30	----	40.6	41.8	43.0	----	42.1	43.2	4380								
		35	----	39.5	40.6	41.7	----	40.8	41.9	4210								
	$V_1 : V_R$		0.88	0.91	0.92	0.92	0.90	0.93	0.94	0.95								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	40.6	44.0	45.3	46.6	42.1	45.4	46.6	47.9								
		5	40.4	43.8	45.0	46.3	41.6	44.8	46.1	47.3								
		10	40.2	43.5	44.8	46.0	41.0	44.2	45.5	46.7								
		15	39.9	43.3	44.5	45.7	40.5	43.7	44.9	46.1								
		20	----	42.1	43.3	44.5	40.0	43.1	44.3	45.5								
		25	----	40.8	42.0	43.2	39.2	42.3	43.5	44.6								
		30	----	39.6	40.8	41.9	----	41.1	42.2	43.3								
		35	----	----	39.6	40.7	----	39.9	40.9	42.0								
	$V_1 : V_R$		0.84	0.87	0.88	0.89	0.85	0.89	0.90	0.91								
10 mm slush or standing water	OAT [°C]	0	----	40.6	41.8	43.0	39.0	42.1	43.3	44.4								
		5	----	40.3	41.6	42.7	----	41.5	42.7	43.9								
		10	----	40.1	41.3	42.5	----	41.0	42.2	43.3								
		15	----	39.9	41.1	42.2	----	40.5	41.6	42.8								
		20	----	----	39.9	41.1	----	40.0	41.1	42.2								
		25	----	----	----	39.9	----	39.2	40.3	41.4								
		30	----	----	----	----	----	----	39.1	40.2								
		35					----	----	----	39.0								
	$V_1 : V_R$		0.81	0.87	0.88	0.89	0.83	0.88	0.90	0.91								
10-50mm dry snow			39.5	42.7	44.0	45.1	41.0	44.1	45.3	46.6								
	$V_1 : V_R$		0.77	0.81	0.83	0.84	0.79	0.83	0.85	0.86								

location		DUBROVNIK YUGOSLAVIA	DUBROVNIK	LYDU	
RWY	elev.[m]	12/30	161		
slope	stength	< 0,5	LCN80		
TORA	[m]	3300			
TODA		3300			
ASDA		3300			
LDA		12: 3150 30: 3300			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4860	4860	4860	4860								
	20	49.1	50.0	50.0	50.0	4680	4680	4680	4680								
	25	47.6	4960	4960	4960	4510	4510	4510	4510								
	30	46.2	4760	4760	4760	4340	4340	4340	4340								
			10-2	11-2	11-2												
	35	44.9	4570	4570	4570	4170	4170	4170	4170								
			15-2	22-3	18-4												
	$V_1 : V_R$	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0								
	15	48.5	50.0	50.0	50.0	4860	4860	4860	4860								
	20	47.1	50.0	50.0	50.0	4680	4680	4680	4680								
	25	45.7	49.2	4960	4960	4510	4510	4510	4510								
	30	44.4	4760	4760	4760	4340	4340	4340	4340								
	35	43.1	4570	4570	4570	4170	4170	4170	4170								
	$V_1 : V_R$	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.2	50.0	50.0	50.0	49.6	50.0	50.0	50.0								
	5	47.9	50.0	50.0	50.0	48.9	50.0	50.0	50.0								
	10	47.6	50.0	50.0	50.0	48.3	50.0	50.0	50.0								
	15	47.2	50.0	50.0	50.0	47.6	4860	4860	4860								
	20	45.8	49.2	50.0	50.0	4680	4680	4680	4680								
	25	44.4	47.8	49.0	4960	4510	4510	4510	4510								
	30	43.1	46.4	47.6	4760	4340	4340	4340	4340								
	35	41.9	45.0	4570	4570	4170	4170	4170	4170								
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.96								
10 mm slush or standing water	OAT [°C] 0	44.3	47.8	49.2	50.0	45.6	49.2	50.0	50.0								
	5	44.0	47.5	48.9	50.0	45.0	48.6	49.9	50.0								
	10	43.7	47.2	48.6	49.9	44.4	47.9	49.2	50.0								
	15	43.3	46.8	48.1	49.4	43.8	47.3	48.5	4860								
	20	42.0	45.4	46.7	47.9	43.2	46.6	4680	4680								
	25	40.8	44.1	45.3	46.5	42.2	4510	4510	4510								
	30	39.6	42.8	44.0	45.1	41.0	4340	4340	4340								
	35	----	41.6	42.7	43.8	39.8	4170	4170	4170								
	$V_1 : V_R$	0.87	0.90	0.91	0.92	0.90	0.93	0.94	0.95								
10-50mm dry snow		46.6	50.0	50.0	50.0	47.9	50.0	50.0	50.0								
	$V_1 : V_R$	0.82	0.86	0.87	0.88	0.85	0.89	0.90	0.91								

location			DUSSELDORF			
			FRG	DUSSELDORF APT.	EDDL	
RWY	elev.[m]		06/24	45		
slope	stength		< 0,5	LCN100		
TORA	[m]		2700			
TODA			2760			
ASDA			3000			
LDA			2700			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	48.5	50.0	50.0	50.0	49.8	50.0	50.0	50.0								
		5	48.2	50.0	50.0	50.0	49.2	50.0	50.0	50.0								
		10	47.9	50.0	50.0	50.0	48.5	50.0	50.0	50.0								
		15	47.6	50.0	50.0	50.0	47.9	4910	4910	4910								
		20	46.4	50.0	50.0	50.0	47.3	4740	4740	4740								
		25	45.0	48.8	50.0	50.0	4570	4570	4570	4570								
		30	43.7	47.3	4820	4820	4390	4390	4390	4390								
		35	42.4	45.9	4630	4630	4220	4220	4220	4220								
	$V_1 : V_R$		0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	46.4	50.0	50.0	50.0	47.8	50.0	50.0	50.0								
		5	46.2	50.0	50.0	50.0	47.2	50.0	50.0	50.0								
		10	45.9	49.7	50.0	50.0	46.6	50.0	50.0	50.0								
		15	45.6	49.4	50.0	50.0	46.0	4910	4910	4910								
		20	44.4	48.1	49.5	50.0	45.4	4740	4740	4740								
		25	43.1	46.7	48.0	49.3	44.6	4570	4570	4570								
		30	41.9	45.3	46.6	47.9	43.3	4390	4390	4390								
		35	40.7	44.0	45.2	4630	42.0	4220	4220	4220								
	$V_1 : V_R$		0.93	0.95	0.96	0.97	0.95	0.99	0.99	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	45.1	48.8	50.0	50.0	46.5	50.0	50.0	50.0								
		5	44.9	48.5	49.9	50.0	45.9	49.6	50.0	50.0								
		10	44.6	48.2	49.6	50.0	45.3	49.0	50.0	50.0								
		15	44.4	48.0	49.3	50.0	44.8	48.4	4910	4910								
		20	43.2	46.7	48.0	49.3	44.2	4740	4740	4740								
		25	41.9	45.3	46.6	47.8	43.4	4570	4570	4570								
		30	40.7	44.0	45.2	46.4	42.1	4390	4390	4390								
		35	39.5	42.7	43.9	45.1	40.9	4220	4220	4220								
	$V_1 : V_R$		0.89	0.92	0.93	0.94	0.91	0.95	0.95	0.96								
10 mm slush or standing water	OAT [°C]	0	41.4	44.9	46.3	47.6	42.8	46.3	47.6	48.8								
		5	41.1	44.7	46.0	47.3	42.3	45.7	47.0	48.2								
		10	40.9	44.4	45.7	47.0	41.8	45.1	46.4	47.6								
		15	40.7	44.1	45.5	46.7	41.2	44.6	45.8	47.0								
		20	39.6	43.0	44.2	45.5	40.7	44.0	45.2	46.4								
		25	----	41.7	42.9	44.2	40.0	43.2	44.4	45.5								
		30	----	40.5	41.7	42.9	----	41.9	43.1	4390								
		35	----	39.3	40.5	41.6	----	40.7	41.8	4220								
	$V_1 : V_R$		0.89	0.91	0.92	0.93	0.90	0.94	0.94	0.95								
10-50mm dry snow			43.6	47.1	48.4	49.7	45.0	48.5	49.8	50.0								
	$V_1 : V_R$		0.83	0.86	0.87	0.88	0.85	0.89	0.90	0.91								

location		EAST MIDLANDS			
		UK	EAST MIDLANDS APT.		EGNX
RWY	elev.[m]	27	95	09	95
slope	stength	< 0,5	PCN 75 R/B/X/T	< 0,5	PCN 75 R/B/X/T
TORA	[m]	2280		2280	
TODA		2554		2590	
ASDA		2479		2445	
LDA		2280		2280	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	44.8	48.8	50.0	50.0	46.3	50.0	50.0	50.0	44.6	48.6	50.0	50.0	46.3	50.0	50.0	50.0
	5	44.4	48.3	49.8	50.0	45.7	49.6	50.0	50.0	44.2	48.1	49.6	50.0	45.7	49.6	50.0	50.0
	10	44.0	47.9	49.3	50.0	45.1	48.9	50.0	50.0	43.8	47.7	49.2	50.0	45.1	48.9	50.0	50.0
	15	43.6	47.4	48.9	50.0	44.5	48.3	4890	4890	43.4	47.3	48.7	50.0	44.6	48.3	4890	4890
	20	42.7	46.5	47.9	49.2	43.9	4720	4720	4720	42.6	46.3	47.7	49.1	44.0	4720	4720	4720
	25	41.4	45.1	46.4	47.7	43.1	4540	4540	4540	41.3	44.9	46.3	47.6	43.1	4540	4540	4540
	30	40.2	43.7	45.1	46.4	41.8	4370	4370	4370	40.0	43.6	44.9	46.2	41.8	4370	4370	4370
	35	----	42.4	43.7	45.0	40.6	4200	4200	4200	----	42.3	43.6	44.8	40.6	4200	4200	4200
	$V_1 : V_R$	0.95	0.97	0.98	0.98	0.96	0.99	1.00	1.00	0.95	0.97	0.98	0.97	0.95	0.98	0.99	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	43.1	46.8	48.2	49.6	44.7	48.3	49.6	50.0	43.0	46.7	48.1	49.4	44.8	48.4	49.7	50.0
	5	42.7	46.4	47.8	49.1	44.1	47.7	49.0	50.0	42.6	46.3	47.6	49.0	44.2	47.7	49.0	50.0
	10	42.3	46.0	47.4	48.7	43.6	47.1	48.3	49.6	42.2	45.8	47.2	48.5	43.6	47.1	48.4	49.6
	15	41.9	45.6	46.9	48.3	43.0	46.5	47.7	4890	41.8	45.4	46.8	48.1	43.1	46.5	47.7	4890
	20	41.1	44.7	46.0	47.3	42.4	45.9	47.1	4720	41.0	44.5	45.8	47.1	42.5	45.9	47.1	4720
	25	39.9	43.3	44.6	45.9	41.6	44.9	4540	4540	39.7	43.2	44.5	45.7	41.5	45.0	4540	4540
	30	----	42.0	43.3	44.5	40.4	43.6	4370	4370	----	41.9	43.1	44.3	40.4	43.6	4370	4370
	35	----	40.8	42.0	43.2	39.2	4200	4200	4200	----	40.6	41.8	43.0	39.2	4200	4200	4200
	$V_1 : V_R$	0.90	0.92	0.93	0.94	0.91	0.94	0.95	0.95	0.89	0.92	0.93	0.94	0.90	0.93	0.94	0.95
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	42.0	45.6	46.9	48.2	43.7	47.1	48.4	49.6	41.9	45.5	46.8	48.1	43.7	47.2	48.4	49.7
	5	41.6	45.2	46.5	47.8	43.1	46.5	47.8	49.0	41.5	45.1	46.4	47.7	43.2	46.6	47.8	49.1
	10	41.3	44.8	46.1	47.4	42.6	45.9	47.1	48.4	41.1	44.7	46.0	47.2	42.6	46.0	47.2	48.4
	15	40.9	44.4	45.7	46.9	42.0	45.3	46.5	47.7	40.8	44.2	45.5	46.8	42.1	45.4	46.6	47.8
	20	40.1	43.5	44.7	46.0	41.5	44.7	45.9	47.1	39.9	43.4	44.6	45.8	41.4	44.8	46.0	4720
	25	----	42.2	43.4	44.6	40.5	43.8	45.0	4540	----	42.1	43.3	44.5	40.4	43.8	45.0	4540
	30	----	40.9	42.1	43.3	39.4	42.5	43.7	4370	----	40.8	42.0	43.1	39.4	42.6	4370	4370
	35	----	39.7	40.8	42.0	----	41.3	4200	4200	----	39.6	40.7	41.8	----	41.3	4200	4200
	$V_1 : V_R$	0.86	0.89	0.90	0.90	0.86	0.90	0.91	0.92	0.85	0.88	0.89	0.90	0.86	0.89	0.90	0.91
10 mm slush or standing water	OAT [°C] 0	----	42.0	43.3	44.6	40.3	43.6	44.8	46.0	----	41.9	43.2	44.5	40.2	43.6	44.9	46.1
	5	----	41.6	42.9	44.2	39.9	43.0	44.2	45.4	----	41.5	42.8	44.1	40.0	43.1	44.3	45.5
	10	----	41.3	42.5	43.8	39.4	42.5	43.6	44.8	----	41.2	42.4	43.7	39.4	42.5	43.7	44.9
	15	----	40.9	42.2	43.4	----	41.9	43.1	44.2	----	40.8	42.0	43.3	----	42.0	43.1	44.3
	20	----	40.1	41.3	42.5	----	41.4	42.5	43.7	----	40.0	41.2	42.4	----	41.4	42.6	43.7
	25	----	----	40.1	41.2	----	40.5	41.7	42.8	----	----	40.0	41.1	----	40.4	41.6	42.8
	30	----	----	----	40.0	----	39.4	40.4	41.5	----	----	----	39.9	----	39.4	40.5	41.6
	35	----	----	----	----	----	----	39.3	40.3	----	----	----	----	----	----	39.3	40.4
	$V_1 : V_R$	0.84	0.88	0.89	0.90	0.86	0.89	0.90	0.91	0.84	0.88	0.89	0.90	0.85	0.88	0.90	0.91
10-50mm dry snow		40.7	44.2	45.4	46.6	42.4	45.7	46.9	48.2	40.6	44.1	45.3	46.5	42.3	45.8	47.0	48.3
	$V_1 : V_R$	0.80	0.83	0.84	0.85	0.80	0.84	0.86	0.87	0.79	0.83	0.84	0.85	0.79	0.84	0.85	0.86

location			EDINBURGH			
			UK EDINBURGH		EGPH	
RWY	elev.[m]		07/25	41		
slope	stength		< 0,5	PCN 74 R/G/W/T		
TORA	[m]		2560			
TODA			2621			
ASDA			2621			
LDA			2347			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	46.1	50.0	50.0	50.0	47.4	50.0	50.0	50.0								
		5	45.8	49.7	50.0	50.0	46.8	50.0	50.0	50.0								
		10	45.6	49.4	50.0	50.0	46.2	50.0	50.0	50.0								
		15	45.3	49.1	50.0	50.0	45.6	4910	4910	4910								
		20	44.1	47.8	49.2	50.0	45.1	4740	4740	4740								
		25	42.8	46.4	47.8	49.1	44.3	4570	4570	4570								
		30	41.6	45.0	46.4	47.7	42.9	4390	4390	4390								
		35	40.4	43.7	45.0	46.3	41.7	4220	4220	4220								
	$V_1 : V_R$		0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	44.4	48.0	49.4	50.0	45.7	49.5	50.0	50.0								
		5	44.1	47.8	49.1	50.0	45.1	48.8	50.0	50.0								
		10	43.9	47.5	48.8	50.0	44.6	48.2	49.5	50.0								
		15	43.6	47.2	48.6	49.9	44.0	47.6	48.8	4910								
		20	42.5	45.9	47.3	48.6	43.5	47.0	4740	4740								
		25	41.2	44.6	45.9	47.1	42.7	4570	4570	4570								
		30	40.0	43.3	44.5	45.8	41.4	4390	4390	4390								
		35	----	42.0	43.2	44.4	40.2	4220	4220	4220								
	$V_1 : V_R$		0.90	0.92	0.93	0.94	0.92	0.95	0.96	0.97								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	43.2	46.8	48.1	49.4	44.6	48.1	49.4	50.0								
		5	43.0	46.5	47.8	49.1	44.1	47.5	48.8	50.0								
		10	42.8	46.2	47.5	48.8	43.5	46.9	48.2	49.4								
		15	42.5	46.0	47.3	48.5	43.0	46.3	47.6	48.8								
		20	41.4	44.7	46.0	47.2	42.4	45.7	47.0	4740								
		25	40.2	43.4	44.7	45.9	41.6	44.9	4570	4570								
		30	39.0	42.2	43.4	44.5	40.4	43.6	4390	4390								
		35	----	41.0	42.1	43.2	39.2	4220	4220	4220								
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93								
10 mm slush or standing water	OAT [°C]	0	39.7	43.1	44.3	45.6	41.2	44.5	45.7	46.9								
		5	39.4	42.8	44.1	45.3	40.7	43.9	45.1	46.3								
		10	39.2	42.6	43.8	45.1	40.2	43.4	44.6	45.8								
		15	----	42.3	43.6	44.8	39.7	42.8	44.0	45.2								
		20	----	41.2	42.4	43.6	39.2	42.3	43.4	44.6								
		25	----	40.0	41.2	42.4	----	41.5	42.7	43.8								
		30	----	----	40.0	41.1	----	40.3	41.4	42.5								
		35	----	----	----	39.9	----	39.1	40.2	41.3								
	$V_1 : V_R$		0.84	0.88	0.89	0.90	0.87	0.90	0.91	0.92								
10-50mm dry snow			41.9	45.3	46.6	47.8	43.3	46.6	47.9	49.1								
	$V_1 : V_R$		0.80	0.83	0.84	0.85	0.82	0.86	0.87	0.88								

location		ERFURT GDR	ERFURT APT.	ETEF	
RWY	elev.[m]	10/28	315		
slope	stength	< 0,5	LCN65		
TORA	[m]	2000			
TODA	[m]	2500			
ASDA	[m]	2200			
LDA	[m]	2000			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	41.3	45.1	46.5	47.9	43.1	47.0	48.2	49.4								
	5	40.9	44.6	46.0	47.4	43.0	46.9	48.2	49.4								
	10	40.4	44.1	45.5	46.9	42.6	46.4	47.7	48.9								
	15	40.0	43.7	45.0	46.4	41.5	45.3	46.5	47.7								
	20	----	42.3	43.7	45.0	40.5	44.2	45.4	4610								
	25	----	41.1	42.4	43.7	39.5	43.1	44.3	4440								
	30	----	39.8	41.1	42.3	----	42.0	4270	4270								
	35	----	----	39.9	41.1	----	40.9	4100	4100								
	$V_1:V_R$	0.94	0.97	0.97	0.98	0.95	0.98	0.99	0.99								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	39.8	43.4	44.7	46.0	41.5	45.2	46.4	47.6								
	5	39.4	42.9	44.2	45.5	41.4	45.1	46.3	47.6								
	10	----	42.5	43.8	45.1	41.0	44.6	45.9	47.1								
	15	----	42.0	43.3	44.6	40.0	43.6	44.8	46.0								
	20	----	40.8	42.0	43.3	39.0	42.5	43.7	44.8								
	25	----	39.5	40.8	42.0	----	41.4	42.6	43.7								
	30	----	----	39.5	40.7	----	40.3	41.5	42.6								
	35	----	----	----	39.5	----	39.2	40.3	4100								
	$V_1:V_R$	0.89	0.92	0.92	0.93	0.90	0.93	0.94	0.95								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	----	42.3	43.6	44.8	40.5	44.0	45.2	46.4								
	5	----	41.8	43.1	44.3	40.4	43.9	45.2	46.4								
	10	----	41.4	42.7	43.9	40.0	43.5	44.7	45.9								
	15	----	41.0	42.2	43.4	39.0	42.4	43.6	44.8								
	20	----	39.7	40.9	42.1	----	41.4	42.6	43.7								
	25	----	----	39.7	40.9	----	40.3	41.5	42.6								
	30	----	----	----	39.6	----	39.2	40.4	41.5								
	35	----	----	----	----	----	----	39.3	40.4								
	$V_1:V_R$	0.84	0.88	0.89	0.90	0.86	0.89	0.90	0.91								
10 mm slush or standing water	OAT [°C] 0	----	39.0	40.2	41.5	----	40.6	41.9	43.1								
	5	----	----	39.8	41.0	----	40.6	41.8	43.0								
	10	----	----	39.4	40.6	----	40.1	41.4	42.6								
	15	----	----	----	40.2	----	39.2	40.4	41.5								
	20	----	----	----	----	----	----	39.3	40.5								
	25					----	----	----	39.5								
	30					----	----	----	----								
	35																
	$V_1:V_R$	0.82	0.87	0.88	0.89	0.85	0.88	0.90	0.91								
10-50mm dry snow		----	41.0	42.2	43.4	39.3	42.6	43.9	45.1								
	$V_1:V_R$	0.78	0.82	0.84	0.85	0.79	0.84	0.85	0.87								

location		FRANKFURT															
		FRG				FRANKFURT/MAIN				EDDF							
RWY	elev.[m]	25R/POS F.				112				07L/POS J.				112			
slope	stength	<0,5				PCN74 R/A/W/T				<0,5				PCN74 R/A/W/T			
TORA	[m]	3258								3600							
TODA		3258								3600							
ASDA		3258								3600							
LDA		3258								4588							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880	50.0	50.0	50.0	50.0	4880	4880	4880	4880
	20	49.1	50.0	50.0	50.0	4710	4710	4710	4710	50.0	50.0	50.0	50.0	4710	4710	4710	4710
	25	47.6	4980	4980	4980	4530	4530	4530	4530	4980	4980	4980	4980	4530	4530	4530	4530
	30	46.2	4790	4790	4790	4360	4360	4360	4360	4790	4790	4790	4790	4360	4360	4360	4360
			07-2	09-2	09-2					03-1	09-2	09-2	09-2				
	35	44.9	4590	4590	4590	4190	4190	4190	4190	4590	4590	4590	4590	4190	4190	4190	4190
			12-2	19-3	22-3					08-1	22-3	22-3	22-3				
	$V_1 : V_R$	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	48.8	50.0	50.0	50.0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	48.5	50.0	50.0	50.0	4880	4880	4880	4880	50.0	50.0	50.0	50.0	4880	4880	4880	4880
	20	47.1	50.0	50.0	50.0	4710	4710	4710	4710	49.5	50.0	50.0	50.0	4710	4710	4710	4710
	25	45.7	49.2	4980	4980	4530	4530	4530	4530	48.1	4980	4980	4980	4530	4530	4530	4530
	30	44.4	47.7	4790	4790	4360	4360	4360	4360	46.7	4790	4790	4790	4360	4360	4360	4360
	35	43.1	4590	4590	4590	4190	4190	4190	4190	45.3	4590	4590	4590	4190	4190	4190	4190
	$V_1 : V_R$	0.92	0.95	0.96	0.97	0.95	0.99	0.99	1.00	0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.1	50.0	50.0	50.0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	47.8	50.0	50.0	50.0	48.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	47.5	50.0	50.0	50.0	48.2	50.0	50.0	50.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	47.2	50.0	50.0	50.0	47.5	4880	4880	4880	49.6	50.0	50.0	50.0	4880	4880	4880	4880
	20	45.8	49.2	50.0	50.0	46.9	4710	4710	4710	48.1	50.0	50.0	50.0	4710	4710	4710	4710
	25	44.4	47.8	49.1	4980	4530	4530	4530	4530	46.7	4980	4980	4980	4530	4530	4530	4530
	30	43.1	46.4	47.6	4790	4360	4360	4360	4360	45.4	4790	4790	4790	4360	4360	4360	4360
	35	41.9	45.0	4590	4590	4190	4190	4190	4190	44.0	4590	4590	4590	4190	4190	4190	4190
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96	0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.98
10 mm slush or standing water	OAT [°C] 0	44.1	47.7	49.0	50.0	45.5	49.1	50.0	50.0	46.4	50.0	50.0	50.0	47.8	50.0	50.0	50.0
	5	43.8	47.4	48.7	50.0	44.9	48.5	49.7	50.0	46.1	49.8	50.0	50.0	47.1	50.0	50.0	50.0
	10	43.6	47.1	48.4	49.7	44.3	47.8	49.1	50.0	45.9	49.5	50.0	50.0	46.5	50.0	50.0	50.0
	15	43.3	46.8	48.1	49.4	43.7	47.2	48.4	4880	45.5	49.1	50.0	50.0	45.9	4880	4880	4880
	20	42.0	45.4	46.7	47.9	43.1	46.6	4710	4710	44.2	47.7	49.0	50.0	45.3	4710	4710	4710
	25	40.8	44.1	45.3	46.5	42.2	4530	4530	4530	42.9	46.3	47.5	48.8	44.4	4530	4530	4530
	30	39.6	42.8	44.0	45.2	41.0	4360	4360	4360	41.7	44.9	46.1	47.3	42.1	4360	4360	4360
	35	----	41.6	42.7	43.9	39.8	4190	4190	4190	40.5	43.6	44.8	4590	41.8	4190	4190	4190
	$V_1 : V_R$	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95	0.88	0.91	0.92	0.93	0.91	0.94	0.95	0.96
10-50mm dry snow		46.5	50.0	50.0	50.0	47.8	50.0	50.0	50.0	48.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	$V_1 : V_R$	0.82	0.86	0.87	0.88	0.84	0.89	0.90	0.91	0.83	0.87	0.88	0.89	0.86	0.91	0.92	0.93

location		FRANKFURT			
		FRG FRANKFURT/MAIN		EDDF	
RWY	elev.[m]	18	112	07R/25L(25R/POS.D)	112
slope	stength	<0,5	PCN105 R/A/W/T	< 0,5	PCN74 R/A/W/T
TORA	[m]	3970		4000	
TODA		3970		4000	
ASDA		3970		4000	
LDA		3970		4000	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880	50.0	50.0	50.0	50.0	4880	4880	4880	4880
	20	50.0	50.0	50.0	50.0	4710	4710	4710	4710	50.0	50.0	50.0	50.0	4710	4710	4710	4710
	25	4980	4980	4980	4980	4530	4530	4530	4530	4980	4980	4980	4980	4530	4530	4530	4530
	30	4790 09-2	4790 09-2	4790 09-2	4790 09-2	4360	4360	4360	4360	4790 09-2	4790 09-2	4790 09-2	4790 09-2	4360	4360	4360	4360
	35	4590 20-3	4590 22-3	4590 22-3	4590 22-3	4190	4190	4190	4190	4590 21-3	4590 22-3	4590 22-3	4590 22-3	4190	4190	4190	4190
	V_1 : V_R	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880	50.0	50.0	50.0	50.0	4880	4880	4880	4880
	20	50.0	50.0	50.0	50.0	4710	4710	4710	4710	50.0	50.0	50.0	50.0	4710	4710	4710	4710
	25	4980	4980	4980	4980	4530	4530	4530	4530	4980	4980	4980	4980	4530	4530	4530	4530
	30	4790	4790	4790	4790	4360	4360	4360	4360	4790	4790	4790	4790	4360	4360	4360	4360
	35	4590	4590	4590	4590	4190	4190	4190	4190	4590	4590	4590	4590	4190	4190	4190	4190
	V_1 : V_R	0.95	0.98	0.99	1.00	0.98	1.00	1.00	1.00	0.95	0.98	0.99	1.00	0.99	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880	50.0	50.0	50.0	50.0	4880	4880	4880	4880
	20	50.0	50.0	50.0	50.0	4710	4710	4710	4710	50.0	50.0	50.0	50.0	4710	4710	4710	4710
	25	49.0	4980	4980	4980	4530	4530	4530	4530	49.2	4980	4980	4980	4530	4530	4530	4530
	30	47.6	4790	4790	4790	4360	4360	4360	4360	47.8	4790	4790	4790	4360	4360	4360	4360
	35	4590	4590	4590	4590	4190	4190	4190	4190	4590	4590	4590	4590	4190	4190	4190	4190
	V_1 : V_R	0.90	0.94	0.95	0.96	0.94	0.99	1.00	1.00	0.91	0.94	0.95	0.96	0.94	0.99	1.00	1.00
10 mm slush or standing water	OAT [°C] 0	48.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	48.5	50.0	50.0	50.0	49.6	50.0	50.0	50.0	48.7	50.0	50.0	50.0	49.7	50.0	50.0	50.0
	10	48.2	50.0	50.0	50.0	48.9	50.0	50.0	50.0	48.4	50.0	50.0	50.0	49.1	50.0	50.0	50.0
	15	47.9	50.0	50.0	50.0	48.3	4880	4880	4880	48.1	50.0	50.0	50.0	48.4	4880	4880	4880
	20	46.5	50.0	50.0	50.0	4710	4710	4710	4710	46.6	50.0	50.0	50.0	4710	4710	4710	4710
	25	45.1	48.5	49.8	4980	4530	4530	4530	4530	45.3	48.7	4980	4980	4530	4530	4530	4530
	30	43.8	47.1	4790	4790	4360	4360	4360	4360	44.0	47.3	4790	4790	4360	4360	4360	4360
	35	42.5	45.7	4590	4590	4190	4190	4190	4190	42.7	45.9	4590	4590	4190	4190	4190	4190
	V_1 : V_R	0.90	0.92	0.93	0.95	0.92	0.96	0.97	0.98	0.90	0.92	0.94	0.95	0.92	0.96	0.97	0.98
10-50mm dry snow		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	V_1 : V_R	0.85	0.88	0.89	0.90	0.88	0.93	0.94	0.95	0.85	0.88	0.89	0.90	0.88	0.93	0.94	0.95

location		GENEVA SWITZERLAND COINTRIN APT. LSGG			
RWY	elev.[m]	05/23	430		
slope	stength	<0,5	PCN60 R/B/W/T		
TORA	[m]	3900			
TODA	[m]	4200			
ASDA	[m]	3900			
LDA	[m]	05: 3615	23: 3900		

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.9								
	10	50.0	50.0	50.0	50.0	4890	4890	4890	4890								
	15	50.0	50.0	50.0	50.0	4730	4730	4730	4730								
	20	50.0	50.0	50.0	50.0	4560	4560	4560	4560								
	25	4810	4810	4810	4810	4390	4390	4390	4390								
		06-2	06-2	06-2	06-2												
	30	4620	4620	4620	4620	4220	4220	4220	4220								
		14-3	19-3	19-3	19-3												
	35																
	$V_1 : V_R$	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	4890	4890	4890	4890								
	15	50.0	50.0	50.0	50.0	4730	4730	4730	4730								
	20	50.0	50.0	50.0	50.0	4560	4560	4560	4560								
	25	4810	4810	4810	4810	4390	4390	4390	4390								
	30	4620	4620	4620	4620	4220	4220	4220	4220								
	35																
	$V_1 : V_R$	0.93	0.96	0.97	0.98	0.97	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	4890	4890	4890	4890								
	15	50.0	50.0	50.0	50.0	4730	4730	4730	4730								
	20	49.0	50.0	50.0	50.0	4560	4560	4560	4560								
	25	47.5	4810	4810	4810	4390	4390	4390	4390								
	30	46.2	4620	4620	4620	4220	4220	4220	4220								
	35																
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.93	0.98	0.99	1.00								
10 mm slush or standing water	OAT [°C] 0	48.4	50.0	50.0	50.0	49.8	50.0	50.0	50.0								
	5	48.0	50.0	50.0	50.0	49.0	50.0	50.0	50.0								
	10	47.5	50.0	50.0	50.0	48.3	4890	4890	4890								
	15	46.5	49.9	50.0	50.0	4730	4730	4730	4730								
	20	45.1	48.4	49.7	50.0	4560	4560	4560	4560								
	25	43.8	47.0	4810	4810	4390	4390	4390	4390								
	30	42.5	45.6	4620	4620	4220	4220	4220	4220								
	35																
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.90	0.95	0.96	0.97								
10-50mm dry snow		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	$V_1 : V_R$	0.83	0.86	0.87	0.88	0.86	0.92	0.93	0.94								

location		GENOA			
		ITALY SESTRI APT. LIMJ			
RWY	elev.[m]	29	3	11	3
slope	stength	< 0,5	SIWL 35 t	< 0,5	SIWL 35 t
TORA	[m]	2925		3025	
TODA	[m]	3075		3025	
ASDA	[m]	2925		3025	
LDA	[m]	2285		3025	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	49.1	50.0	50.0	50.0	49.8	50.0	50.0	50.0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	48.9	50.0	50.0	50.0	49.2	4930	4930	4930	49.1	50.0	50.0	50.0	4930	4930	4930	4930
	20	47.7	50.0	50.0	50.0	4760	4760	4760	4760	47.9	50.0	50.0	50.0	4760	4760	4760	4760
	25	46.2	49.9	50.0	50.0	4580	4580	4580	4580	46.5	50.0	50.0	50.0	4580	4580	4580	4580
	30	44.9	48.4	4840	4840	4410	4410	4410	4410	45.1	4840	4840	4840	4410	4410	4410	4410
				08-1	10-1							10-1	10-1				
	35	43.6	4650	4650	4650	4240	4240	4240	4240	43.8	4650	4650	4650	4240	4240	4240	4240
				06-2	13-3						02-1	09-2	16-3				
	$V_1 : V_R$	0.95	0.98	0.98	0.99	0.98	1.00	1.00	1.00	0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	47.8	50.0	50.0	50.0	49.1	50.0	50.0	50.0	47.9	50.0	50.0	50.0	49.3	50.0	50.0	50.0
	5	47.5	50.0	50.0	50.0	48.5	50.0	50.0	50.0	47.7	50.0	50.0	50.0	48.7	50.0	50.0	50.0
	10	47.3	50.0	50.0	50.0	47.9	50.0	50.0	50.0	47.4	50.0	50.0	50.0	48.1	50.0	50.0	50.0
	15	47.0	50.0	50.0	50.0	47.3	4930	4930	4930	47.1	50.0	50.0	50.0	47.5	4930	4930	4930
	20	45.8	49.4	50.0	50.0	46.7	4760	4760	4760	46.0	49.6	50.0	50.0	46.9	4760	4760	4760
	25	44.5	47.9	49.3	50.0	4580	4580	4580	4580	44.6	48.1	49.4	50.0	4580	4580	4580	4580
	30	43.2	46.5	47.8	4840	4410	4410	4410	4410	43.3	46.7	48.0	4840	4410	4410	4410	4410
	35	41.9	45.2	46.4	4650	4240	4240	4240	4240	42.1	45.3	4650	4650	4240	4240	4240	4240
	$V_1 : V_R$	0.90	0.93	0.94	0.95	0.92	0.96-0.97		0.97	0.91	0.94	0.95	0.96	0.94	0.97	0.98	0.99
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	46.6	50.0	50.0	50.0	47.9	50.0	50.0	50.0	46.6	50.0	50.0	50.0	48.0	50.0	50.0	50.0
	5	46.3	49.9	50.0	50.0	47.3	50.0	50.0	50.0	46.4	50.0	50.0	50.0	47.4	50.0	50.0	50.0
	10	46.0	49.6	50.0	50.0	46.7	50.0	50.0	50.0	46.1	49.7	50.0	50.0	46.8	50.0	50.0	50.0
	15	45.8	49.3	50.0	50.0	46.1	4930	4930	4930	45.9	49.4	50.0	50.0	46.2	4930	4930	4930
	20	44.7	48.1	49.4	50.0	45.6	4760	4760	4760	44.7	48.2	49.5	50.0	45.6	4760	4760	4760
	25	43.4	46.7	47.9	49.2	44.8	4580	4580	4580	43.4	46.8	48.1	49.3	44.9	4580	4580	4580
	30	42.1	45.3	46.5	47.7	43.5	4410	4410	4410	42.2	45.4	46.7	47.8	43.6	4410	4410	4410
	35	40.9	44.0	45.2	46.3	42.2	4240	4240	4240	40.9	44.1	45.3	46.5	42.3	4240	4240	4240
	$V_1 : V_R$	0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95
10 mm slush or standing water	OAT [°C] 0	42.7	46.2	47.5	48.8	44.1	47.6	48.9	50.0	42.8	46.3	47.7	49.0	44.2	47.7	49.0	50.0
	5	42.5	46.0	47.3	48.6	43.6	47.0	48.3	49.5	42.5	46.1	47.4	48.7	43.6	47.1	48.4	49.6
	10	42.2	45.7	47.0	48.3	43.0	46.4	47.7	48.9	42.3	45.8	47.1	48.4	43.1	46.5	47.8	49.0
	15	42.0	45.4	46.7	48.0	42.5	45.8	47.1	48.3	42.1	45.5	46.9	48.1	42.6	45.9	47.2	48.4
	20	41.0	44.3	45.6	46.8	42.0	45.3	46.5	4760	41.8	44.4	45.7	47.0	42.0	45.4	46.6	4760
	25	39.8	43.0	44.3	45.5	41.3	44.5	45.7	4580	39.8	43.1	44.4	45.6	41.3	44.6	45.8	4580
	30	----	41.8	43.0	44.1	40.1	43.2	4410	4410	----	41.9	43.1	44.2	40.1	43.3	4410	4410
	35	----	40.6	41.7	42.8	----	41.9	4240	4240	----	40.7	41.8	43.0	----	42.0	4240	4240
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93	0.87	0.90	0.90	0.91	0.89	0.92	0.93	0.94
10-50mm dry snow		45.1	48.6	49.9	50.0	46.4	49.9	50.0	50.0	45.1	48.6	49.9	50.0	46.4	50.0	50.0	50.0
	$V_1 : V_R$	0.80	0.83	0.85	0.86	0.82	0.86	0.87	0.89	0.81	0.85	0.86	0.87	0.87	0.87	0.89	0.90

location			GLASGOW			
			U.K. GLASGOW APT. EGPF			
RWY	elev.[m]		23	8	05	8
slope	stength		<0,5	PCN65 R/B/W/T	<0,5	PCN65 R/B/W/T
TORA	[m]		2658		2658	
TODA			3091		2787	
ASDA			2808		2658	
LDA			2353		2210	

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	48.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.2	50.0	50.0	50.0	48.5	50.0	50.0	50.0
		5	48.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	46.9	50.0	50.0	50.0	47.9	50.0	50.0	50.0
		10	47.7	50.0	50.0	50.0	49.4	50.0	50.0	50.0	46.6	50.0	50.0	50.0	47.3	50.0	50.0	50.0
		15	47.3	50.0	50.0	50.0	48.8	4930	4930	4930	46.4	50.0	50.0	50.0	46.7	4930	4930	4930
		20	46.5	50.0	50.0	50.0	4760	4760	4760	4760	45.2	48.9	50.0	50.0	46.1	4760	4760	4760
		25	45.2	49.0	50.0	50.0	4580	4580	4580	4580	43.9	47.5	48.9	50.0	45.4	4580	4580	4580
		30	43.8	47.5	4840	4840	4410	4410	4410	4410	42.6	46.1	47.4	4840	44.0	4410	4410	4410
		35	42.5	46.1	4650	4650	4230	4230	4230	4230	41.4	44.8	46.0	4650	4230	4230	4230	4230
	$V_1 : V_R$		0.96	0.96	0.97	0.98	0.96	1.00	1.00	1.00	0.94	0.97	0.97	0.98	0.96	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	46.6	50.0	50.0	50.0	48.5	50.0	50.0	50.0	45.4	49.1	50.0	50.0	46.8	50.0	50.0	50.0
		5	46.2	50.0	50.0	50.0	48.2	50.0	50.0	50.0	45.2	48.8	50.0	50.0	46.2	49.9	50.0	50.0
		10	45.8	49.6	50.0	50.0	47.6	50.0	50.0	50.0	44.9	48.5	49.9	50.0	45.6	49.3	50.0	50.0
		15	45.4	49.2	50.0	50.0	47.0	4930	4930	4930	44.7	48.3	49.6	50.0	45.1	48.7	4930	4930
		20	44.7	48.4	49.8	50.0	46.2	4760	4760	4760	43.6	47.1	48.4	49.7	44.5	4760	4760	4760
		25	43.4	47.0	48.3	49.6	45.1	4580	4580	4580	42.3	45.7	47.0	48.2	43.7	4580	4580	4580
		30	42.1	45.6	46.9	48.1	44.0	4410	4410	4410	41.1	44.4	45.6	46.8	42.5	4410	4410	4410
		35	40.8	44.2	45.4	4650	4230	4230	4230	4230	39.9	43.1	44.3	45.4	41.2	4230	4230	4230
	$V_1 : V_R$		0.90	0.93	0.92	0.93	0.92	0.94	0.95	0.96	0.89	0.92	0.93	0.93	0.91	0.94	0.95	0.96
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	45.4	49.1	50.0	50.0	47.2	50.0	50.0	50.0	44.3	47.8	49.2	50.0	45.6	49.2	50.0	50.0
		5	45.0	48.7	50.0	50.0	47.0	50.0	50.0	50.0	44.1	47.6	48.9	50.0	45.1	48.6	49.9	50.0
		10	44.6	48.3	49.6	50.0	46.4	50.0	50.0	50.0	43.8	47.3	48.6	49.9	44.5	48.0	49.3	50.0
		15	44.2	47.9	49.2	50.0	45.8	4930	4930	4930	43.6	47.0	48.3	49.6	44.0	47.4	48.7	4930
		20	43.5	47.1	48.4	49.7	45.0	4760	4760	4760	42.5	45.9	47.1	48.4	43.4	46.8	4760	4760
		25	42.2	45.7	46.9	48.2	43.9	4580	4580	4580	41.3	44.5	45.8	47.0	42.7	4580	4580	4580
		30	40.9	44.3	45.5	46.7	42.8	4410	4410	4410	40.1	43.2	44.4	45.6	41.5	4410	4410	4410
		35	39.7	43.0	44.2	45.3	41.7	4230	4230	4230	----	42.0	43.1	44.3	40.2	4230	4230	4230
	$V_1 : V_R$		0.86	0.89	0.90	0.90	0.88	0.90	0.91	0.92	0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92
10 mm slush or standing water	OAT [°C]	0	41.7	45.3	46.6	47.9	43.5	47.1	48.4	49.6	40.7	44.1	45.4	46.6	42.1	45.5	46.7	47.9
		5	41.3	44.9	46.2	47.5	43.3	46.7	47.9	49.2	40.4	43.8	45.1	46.4	41.6	44.9	46.1	47.4
		10	41.0	44.5	45.8	47.1	42.8	46.1	47.3	48.6	40.2	43.6	44.9	46.1	41.1	44.3	45.6	46.8
		15	40.6	44.1	45.4	46.7	42.2	45.5	46.8	48.0	40.0	43.3	44.6	45.8	40.6	43.8	45.0	46.2
		20	40.0	43.4	44.7	45.9	41.4	44.9	46.1	47.3	----	42.3	43.5	44.7	40.1	43.2	44.4	45.6
		25	----	42.1	43.3	44.6	40.4	43.8	45.0	4580	----	41.0	42.2	43.4	39.4	42.5	43.7	44.8
		30	----	40.8	42.0	43.2	39.3	42.7	43.9	4410	----	39.8	41.0	42.1	----	41.3	42.4	43.5
		35	----	39.6	40.8	41.9	----	41.6	4230	4230	----	----	39.8	40.9	----	40.1	41.2	42.2
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.87	0.90	0.90	0.91	0.84	0.87	0.88	0.89	0.86	0.90	0.91	0.92
10-50mm dry snow			43.9	47.5	48.8	50.0	45.7	49.3	50.0	50.0	43.0	46.4	47.6	48.9	44.3	47.7	49.0	50.0
	$V_1 : V_R$		0.81	0.84	0.85	0.86	0.80	0.85	0.86	0.87	0.79	0.82	0.84	0.85	0.81	0.85	0.86	0.87

location		GOTEBORG SWEDEN LANDVETTER APT. ESGG			
RWY	elev.[m]	03/21	154		
slope	stength	<0,5	PCN90 F/B/X/T		
TORA	[m]	3300			
TODA	[m]	3300			
ASDA	[m]	3300			
LDA	[m]	3300			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4860	4860	4860	4860								
	20	49.1	50.0	50.0	50.0	4690	4690	4690	4690								
	25	47.7	4960	4960	4960	4520	4520	4520	4520								
	30	46.3	4770	4770	4770	4340	4340	4340	4340								
			10-2	11-2	11-2												
	35	45.0	4570	4570	4570	4170	4170	4170	4170								
			15-2	22-3	18-4												
	$V_1 : V_R$	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0								
	15	48.5	50.0	50.0	50.0	4860	4860	4860	4860								
	20	47.1	50.0	50.0	50.0	4690	4690	4690	4690								
	25	45.7	49.2	4960	4960	4520	4520	4520	4520								
	30	44.4	4770	4770	4770	4340	4340	4340	4340								
	35	43.1	4570	4570	4570	4170	4170	4170	4170								
	$V_1 : V_R$	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.3	50.0	50.0	50.0	49.6	50.0	50.0	50.0								
	5	48.0	50.0	50.0	50.0	49.0	50.0	50.0	50.0								
	10	47.7	50.0	50.0	50.0	48.3	50.0	50.0	50.0								
	15	47.2	50.0	50.0	50.0	47.7	4860	4860	4860								
	20	45.8	49.3	50.0	50.0	4690	4690	4690	4690								
	25	44.5	47.8	49.1	4960	4520	4520	4520	4520								
	30	43.2	46.4	47.6	4770	4340	4340	4340	4340								
	35	41.9	45.1	4570	4570	4170	4170	4170	4170								
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.96								
10 mm slush or standing water	OAT [°C] 0	44.3	47.9	49.2	50.0	45.6	49.3	50.0	50.0								
	5	44.0	47.6	48.9	50.0	45.0	48.6	49.9	50.0								
	10	43.7	47.3	48.6	49.9	44.4	48.0	49.2	50.0								
	15	43.3	46.8	48.1	49.4	43.8	47.3	48.5	4860								
	20	42.1	45.4	46.7	48.0	43.2	46.7	4690	4690								
	25	40.8	44.1	45.3	46.5	42.3	4520	4520	4520								
	30	39.6	42.8	44.0	45.2	41.0	4340	4340	4340								
	35	----	41.6	42.8	43.9	39.8	4170	4170	4170								
	$V_1 : V_R$	0.87	0.90	0.91	0.92	0.90	0.93	0.94	0.95								
10-50mm dry snow		46.7	50.0	50.0	50.0	48.0	50.0	50.0	50.0								
	$V_1 : V_R$	0.82	0.86	0.87	0.88	0.85	0.89	0.90	0.91								

location		GRAZ AUSTRIA	GRAZ APT. LOWG		
RWY	elev.[m]	17/35	340		
slope	stength	< 0,5	LCN70		
TORA	[m]	2760			
TODA	[m]	2760			
ASDA	[m]	2760			
LDA	[m]	17: 2500	35: 2760		

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	46.5	50.0	50.0	50.0	47.8	50.0	50.0	50.0								
	5	46.1	50.0	50.0	50.0	47.1	50.0	50.0	50.0								
	10	45.8	49.6	50.0	50.0	46.4	4940	4940	4940								
	15	44.9	48.6	50.0	50.0	45.7	4770	4770	4770								
	20	43.6	47.2	48.5	49.9	45.0	4600	4600	4600								
	25	42.3	45.8	47.1	48.4	43.7	4430	4430	4430								
	30	41.1	44.5	45.8	4670	42.4	4260	4260	4260								
	35	39.9	43.2	44.5	4480	4090	4090	4090	4090								
	$V_1 : V_R$	0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	44.7	48.3	49.7	50.0	46.0	49.8	50.0	50.0								
	5	44.4	48.0	49.3	50.0	45.3	49.0	50.0	50.0								
	10	44.1	47.6	49.0	50.0	44.7	48.3	4940	4940								
	15	43.2	46.7	48.0	49.3	44.0	47.6	4770	4770								
	20	41.9	45.3	46.6	47.8	43.4	4600	4600	4600								
	25	40.7	44.0	45.2	46.4	42.1	4430	4430	4430								
	30	39.5	42.7	43.9	45.1	40.9	4260	4260	4260								
	35	----	41.5	42.7	43.8	39.6	4090	4090	4090								
	$V_1 : V_R$	0.98	0.93	0.94	0.95	0.92	0.96	0.97	0.97								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	43.5	47.0	48.3	49.6	44.9	48.4	49.7	50.0								
	5	43.2	46.7	48.0	49.3	44.2	47.7	49.0	50.0								
	10	42.9	46.4	47.7	48.9	43.6	47.0	48.2	4940								
	15	42.1	45.4	46.7	47.9	42.9	46.3	47.5	4770								
	20	40.8	44.1	45.3	46.5	42.3	45.6	4600	4600								
	25	39.7	42.8	44.0	45.2	41.1	44.3	4430	4430								
	30	----	41.6	42.7	43.9	39.8	4260	4260	4260								
	35	----	40.4	41.5	42.6	----	4090	4090	4090								
	$V_1 : V_R$	0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94								
10 mm slush or standing water	OAT [°C] 0	39.9	43.3	44.6	45.8	41.4	44.7	45.9	47.1								
	5	39.6	43.0	44.3	45.5	40.8	44.0	45.2	46.4								
	10	39.4	42.7	44.0	45.2	40.2	43.4	44.6	45.7								
	15	----	41.8	43.1	44.3	39.6	42.7	43.9	45.1								
	20	----	40.6	41.8	43.0	39.0	42.1	43.3	44.4								
	25	----	39.4	40.6	41.7	----	40.9	42.0	43.1								
	30	----	----	39.4	40.5	----	39.7	40.8	41.8								
	35	----	----	----	39.4	----	----	39.6	40.6								
	$V_1 : V_R$	0.84	0.89	0.90	0.91	0.87	0.91	0.92	0.93								
10-50mm dry snow		42.2	45.5	46.7	48.0	43.5	46.8	48.1	49.3								
	$V_1 : V_R$	0.80	0.84	0.85	0.86	0.82	0.86	0.87	0.89								

location		HAMBURG			
		FRG HAMBURG		EDDH	
RWY	elev.[m]	05	16	23	16
slope	stength	<0,5	PCN65 F/A/W/T	<0,5	PCN65
TORA	[m]	3095		3250	
TODA		3155		3310	
ASDA		3250		3250	
LDA		2950		3095	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930	50.0	50.0	50.0	50.0	4930	4930	4930	4930
	20	49.3	50.0	50.0	50.0	4750	4750	4750	4750	49.9	50.0	50.0	50.0	4750	4750	4750	4750
	25	47.8	50.0	50.0	50.0	4580	4580	4580	4580	48.4	50.0	50.0	50.0	4580	4580	4580	4580
	30	46.4	4840 10-1	4840 10-1	4840 10-1	4400	4400	4400	4400	47.0	4840 10-1	4840 10-1	4840 10-1	4400	4400	4400	4400
	35	45.1	4640 10-2	4640 17-3	4640 17-3	4230	4230	4230	4230	45.6	4640 15-2	4640 17-3	4640 17-3	4230	4230	4230	4230
	V_1 : V_R	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	48.7	50.0	50.0	50.0	49.4	50.0	50.0	50.0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	48.5	50.0	50.0	50.0	48.8	4930	4930	4930	49.1	50.0	50.0	50.0	4930	4930	4930	4930
	20	47.2	50.0	50.0	50.0	4750	4750	4750	4750	47.9	50.0	50.0	50.0	4750	4750	4750	4750
	25	45.8	49.4	50.0	50.0	4580	4580	4580	4580	46.5	50.0	50.0	50.0	4580	4580	4580	4580
	30	44.5	47.9	4840	4840	4400	4400	4400	4400	45.1	4840	4840	4840	4400	4400	4400	4400
	35	43.2	4640	4640	4640	4230	4230	4230	4230	43.8	4640	4640	4640	4230	4230	4230	4230
	V_1 : V_R	0.93	0.95	0.96	0.97	0.95	0.99	1.00	1.00	0.92	0.94	0.95	0.97	0.94	0.98	0.99	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	47.9	50.0	50.0	50.0	49.3	50.0	50.0	50.0	48.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	47.6	50.0	50.0	50.0	48.7	50.0	50.0	50.0	48.3	50.0	50.0	50.0	49.3	50.0	50.0	50.0
	10	47.4	50.0	50.0	50.0	48.0	50.0	50.0	50.0	48.0	50.0	50.0	50.0	48.7	50.0	50.0	50.0
	15	47.1	50.0	50.0	50.0	47.4	4930	4930	4930	47.8	50.0	50.0	50.0	48.1	4930	4930	4930
	20	45.9	49.4	50.0	50.0	46.8	4750	4750	4750	46.6	50.0	50.0	50.0	47.5	4750	4750	4750
	25	44.6	48.0	49.3	50.0	4580	4580	4580	4580	45.2	48.6	49.9	50.0	4580	4580	4580	4580
	30	43.3	46.6	47.8	4840	4400	4400	4400	4400	43.9	47.2	4840	4840	4400	4400	4400	4400
	35	42.0	45.2	46.4	4640	4230	4230	4230	4230	42.6	45.8	4640	4640	4230	4230	4230	4230
	V_1 : V_R	0.88	0.91	0.93	0.94	0.91	0.95	0.96	0.97	0.87	0.91	0.92	0.93	0.90	0.94	0.95	0.96
10 mm slush or standing water	OAT [°C] 0	43.9	47.5	48.9	50.0	45.3	48.9	50.0	50.0	44.6	48.2	49.5	50.0	45.9	49.6	50.0	50.0
	5	43.7	47.3	48.6	49.9	44.7	48.3	49.6	50.0	44.3	47.9	49.3	50.0	45.4	49.0	50.0	50.0
	10	43.4	47.0	48.3	49.7	44.2	47.7	49.0	50.0	44.1	47.6	49.0	50.0	44.8	48.4	49.6	50.0
	15	43.2	46.7	48.1	49.4	43.6	47.1	48.4	4930	43.8	47.4	48.7	50.0	44.2	47.8	49.0	4930
	20	42.1	45.6	46.9	48.1	43.1	46.5	4750	4750	42.7	46.2	47.5	48.7	43.7	47.1	4750	4750
	25	40.9	44.2	45.5	46.7	42.3	45.7	4580	4580	41.5	44.8	46.1	47.3	42.9	4580	4580	4580
	30	39.7	42.9	44.2	45.3	41.1	4400	4400	4400	40.3	43.5	44.7	45.9	41.7	4400	4400	4400
	35	----	41.7	42.9	44.0	39.9	4230	4230	4230	39.1	42.2	43.4	44.6	40.5	4230	4230	4230
	V_1 : V_R	0.88	0.91	0.92	0.93	0.90	0.94	0.94	0.95	0.87	0.90	0.91	0.92	0.89	0.93	0.93	0.94
10-50mm dry snow		46.3	49.8	50.0	50.0	47.6	50.0	50.0	50.0	47.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0
	V_1 : V_R	0.83	0.86	0.87	0.88	0.85	0.89	0.90	0.91	0.82	0.85	0.86	0.87	0.84	0.88	0.89	0.91

location		HAMBURG			
		FRG	HAMBURG	EDDH	
RWY	elev.[m]	15/33	16		
slope	stength	< 0,5	PCN65 F/A/W/T		
TORA	[m]	3665			
TODA	[m]	3725			
ASDA	[m]	3665			
LDA	[m]	15: 3665	33: 3220		

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4930	4930	4930	4930								
		20	50.0	50.0	50.0	50.0	4750	4750	4750	4750								
		25	50.0	50.0	50.0	50.0	4580	4580	4580	4580								
		30	4840	4840	4840	4840	4400	4400	4400	4400								
			10-1	10-1	10-1	10-1												
		35	4640	4640	4640	4640	4230	4230	4230	4230								
			09-2	17-3	17-3	17-3												
	$V_1 : V_R$		0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4930	4930	4930	4930								
		20	50.0	50.0	50.0	50.0	4750	4750	4750	4750								
		25	49.3	50.0	50.0	50.0	4580	4580	4580	4580								
		30	47.9	4840	4840	4840	4400	4400	4400	4400								
		35	4640	4640	4640	4640	4230	4230	4230	4230								
	$V_1 : V_R$		0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4930	4930	4930	4930								
		20	49.4	50.0	50.0	50.0	4750	4750	4750	4750								
		25	48.0	50.0	50.0	50.0	4580	4580	4580	4580								
		30	46.6	4840	4840	4840	4400	4400	4400	4400								
		35	45.2	4640	4640	4640	4230	4230	4230	4230								
	$V_1 : V_R$		0.89	0.92	0.93	0.94	0.92	0.97	0.98	0.99								
10 mm slush or standing water	OAT [°C]	0	47.4	50.0	50.0	50.0	48.7	50.0	50.0	50.0								
		5	47.1	50.0	50.0	50.0	48.1	50.0	50.0	50.0								
		10	46.8	50.0	50.0	50.0	47.5	50.0	50.0	50.0								
		15	46.6	50.0	50.0	50.0	46.9	4930	4930	4930								
		20	45.4	48.9	50.0	50.0	46.3	4750	4750	4750								
		25	44.1	47.5	48.8	50.0	45.5	4580	4580	4580								
		30	42.8	46.1	47.3	4840	4400	4400	4400	4400								
		35	41.6	44.7	46.0	4640	4230	4230	4230	4230								
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.91	0.94	0.95	0.96								
10-50mm dry snow			49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	$V_1 : V_R$		0.83	0.97	0.88	0.89	0.86	0.91	0.92	0.93								

location			HANNOVER													
			FRG				HANNOVER APT.				EDVV					
RWY	elev.[m]		09L/27R				56				09R/27L				56	
slope	stength		<0,5				LCN100				<0,5				LCN100	
TORA	[m]		2700								2340					
TODA			2700								2340					
ASDA			2700								2340					
LDA			2700								2340					
flaps			10°				20°				10°				20°	
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	47.1	50.0	50.0	50.0	48.4	50.0	50.0	50.0	43.3	47.1	48.5	49.9	44.7	48.5	49.8	50.0
		5	46.8	50.0	50.0	50.0	47.8	50.0	50.0	50.0	43.1	46.8	48.2	49.6	44.1	47.9	49.1	50.0
		10	46.5	50.0	50.0	50.0	47.2	50.0	50.0	50.0	42.8	46.5	48.0	49.4	43.6	47.3	48.5	49.8
		15	46.3	50.0	50.0	50.0	46.6	4910	4910	4910	42.6	46.3	47.7	49.1	43.0	46.7	47.9	4910
		20	45.0	48.7	50.0	50.0	46.0	4730	4730	4730	41.4	45.0	46.4	47.7	42.5	46.1	47.3	4730
		25	43.7	47.3	48.6	50.0	45.1	4560	4560	4560	40.2	43.7	45.0	46.3	41.7	45.2	4560	4560
		30	42.4	45.9	47.2	4820	43.8	4390	4390	4390	39.0	42.4	43.7	45.0	40.5	4390	4390	4390
		35	41.2	44.6	45.8	4620	4210	4210	4210	4210	----	41.2	42.4	43.7	39.3	4210	4210	4210
	$V_1 : V_R$		0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00	0.94	0.97	0.97	0.98	0.96	0.99	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	45.3	49.6	50.0	50.0	46.7	50.0	50.0	50.0	41.8	45.3	46.7	48.0	43.2	46.7	48.0	49.3
		5	45.0	48.7	50.0	50.0	46.1	49.8	50.0	50.0	41.5	45.1	46.4	47.7	42.7	46.1	47.4	48.6
		10	44.8	48.4	49.6	50.0	45.5	49.2	50.0	50.0	41.3	44.8	46.1	47.4	42.1	45.6	46.8	48.0
		15	44.5	48.1	49.5	50.0	44.9	48.5	4910	4910	41.1	44.6	45.9	47.2	41.6	45.0	46.2	47.4
		20	43.3	46.8	48.1	49.4	44.3	4730	4730	4730	40.0	43.3	44.6	45.9	41.1	44.4	45.6	46.8
		25	42.0	45.4	46.7	48.0	43.5	4560	4560	4560	----	42.1	43.3	44.5	40.3	43.6	44.7	4560
		30	40.8	44.1	45.4	46.6	42.2	4390	4390	4390	----	40.9	42.1	43.2	39.1	42.3	43.4	4390
		35	39.6	42.8	44.0	45.2	41.0	4210	4210	4210	----	39.7	40.8	42.0	----	41.0	4210	4210
	$V_1 : V_R$		0.90	0.92	0.93	0.94	0.92	0.95	0.96	0.97	0.89	0.92	0.92	0.93	0.91	0.94	0.95	0.95
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	44.2	47.7	49.0	50.0	45.5	49.1	50.0	50.0	40.8	44.2	45.5	46.8	42.3	45.6	46.8	48.1
		5	43.9	47.4	48.7	50.0	44.9	48.5	49.7	50.0	40.6	44.0	45.2	46.5	41.7	45.0	46.2	47.5
		10	43.7	47.1	48.5	49.7	44.4	47.8	49.1	50.0	40.3	43.7	45.0	46.2	41.2	44.4	45.7	46.9
		15	43.4	46.9	48.2	49.5	43.8	47.2	48.5	4910	40.1	43.5	44.7	46.0	40.7	43.9	45.1	46.3
		20	42.2	45.6	46.9	48.1	43.2	46.6	4730	4730	39.0	42.3	43.5	44.7	40.2	43.3	44.5	45.7
		25	41.0	44.3	45.5	46.7	42.4	4560	4560	4560	----	41.0	42.2	43.4	39.4	42.5	43.7	44.8
		30	39.8	43.0	44.2	45.3	41.2	4390	4390	4390	----	39.8	41.0	42.1	----	41.3	42.4	43.5
		35	----	41.7	42.9	44.0	40.0	4210	4210	4210	----	----	39.8	40.9	----	40.1	41.1	4210
	$V_1 : V_R$		0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93	0.84	0.88	0.89	0.89	0.86	0.90	0.91	0.92
10 mm slush or standing water	OAT [°C]	0	40.5	43.9	45.2	46.5	42.0	45.3	46.6	47.8	----	40.7	42.0	43.2	39.1	42.2	43.4	44.6
		5	40.3	43.7	45.0	46.2	41.5	44.7	46.0	47.2	----	40.5	41.7	42.9	----	41.7	42.9	44.1
		10	40.0	43.4	44.7	45.9	40.9	44.2	45.4	46.6	----	40.3	41.5	42.7	----	41.2	42.3	43.5
		15	39.8	43.2	44.4	45.7	40.4	43.6	44.8	46.0	----	40.0	41.2	42.4	----	40.7	41.8	42.9
		20	----	42.0	43.2	44.4	39.9	43.1	44.2	45.4	----	----	40.1	41.3	----	40.1	41.3	42.4
		25	----	40.8	42.0	43.1	39.2	42.3	43.4	44.6	----	----	----	40.1	----	39.4	40.5	41.6
		30	----	39.6	40.7	41.9	----	41.8	42.1	43.3	----	----	----	----	----	----	39.3	40.4
		35	----	----	39.6	40.7	----	39.8	40.9	42.0					----	----	----	39.2
	$V_1 : V_R$		0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92	0.82	0.87	0.88	0.89	0.83	0.89	0.90	0.92
10-50mm dry snow			42.8	46.2	47.5	48.7	44.2	47.5	48.8	50.0	39.6	42.9	44.1	45.3	41.1	44.3	45.5	46.7
	$V_1 : V_R$		0.79	0.83	0.84	0.85	0.81	0.85	0.87	0.88	0.78	0.82	0.83	0.84	0.80	0.84	0.86	0.87

location		HELSINKI			
		FINLAND VANTAA APT.		EFHK	
RWY	elev.[m]	22	51	04	51
slope	stength	<0,5	PCN58 F/C/W/T	<0,5	PCN58 F/C/W/T
TORA	[m]	3440		3440	
TODA	[m]	3590		3500	
ASDA	[m]	3500		3500	
LDA	[m]	3440		3200	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4910	4910	4910	4910	50.0	50.0	50.0	50.0	4910	4910	4910	4910
	20	50.0	50.0	50.0	50.0	4740	4740	4740	4740	50.0	50.0	50.0	50.0	4740	4740	4740	4740
	25	50.0	50.0	50.0	50.0	4560	4560	4560	4560	49.9	50.0	50.0	50.0	4560	4560	4560	4560
	30	4820	4820	4820	4820	4390	4390	4390	4390	4820	4820	4820	4820	4390	4390	4390	4390
			06-2	06-2	06-2						06-2	06-2	06-2				
	35	4620	4620	4620	4620	4210	4210	4210	4210	4620	4620	4620	4620	4210	4210	4210	4210
		05-1	19-3	19-3	19-3					02-1	19-3	19-3	19-3				
	V_1 : V_R	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4910	4910	4910	4910	50.0	50.0	50.0	50.0	4910	4910	4910	4910
	20	49.6	50.0	50.0	50.0	4740	4740	4740	4740	49.2	50.0	50.0	50.0	4740	4740	4740	4740
	25	48.1	50.0	50.0	50.0	4560	4560	4560	4560	47.8	50.0	50.0	50.0	4560	4560	4560	4560
	30	46.7	4820	4820	4820	4390	4390	4390	4390	46.4	4820	4820	4820	4390	4390	4390	4390
	35	45.3	4620	4620	4620	4210	4210	4210	4210	45.0	4620	4620	4620	4210	4210	4210	4210
	V_1 : V_R	0.92	0.95	0.96	0.97	0.95	1.00	1.00	1.00	0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	49.5	50.0	50.0	50.0	4910	4910	4910	4910	49.2	50.0	50.0	50.0	4910	4910	4910	4910
	20	48.2	50.0	50.0	50.0	4740	4740	4740	4740	47.8	50.0	50.0	50.0	4740	4740	4740	4740
	25	46.8	50.0	50.0	50.0	4560	4560	4560	4560	46.4	49.8	50.0	50.0	4560	4560	4560	4560
	30	45.4	4820	4820	4820	4390	4390	4390	4390	45.1	4820	4820	4820	4390	4390	4390	4390
	35	44.1	4620	4620	4620	4210	4210	4210	4210	43.8	4620	4620	4620	4210	4210	4210	4210
	V_1 : V_R	0.88	0.91	0.93	0.94	0.91	0.95	0.96	0.97	0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.98
10 mm slush or standing water	OAT [°C] 0	46.3	49.9	50.0	50.0	47.6	50.0	50.0	50.0	45.9	49.6	50.0	50.0	47.3	50.0	50.0	50.0
	5	46.0	49.6	50.0	50.0	47.0	50.0	50.0	50.0	45.7	49.3	50.0	50.0	46.7	50.0	50.0	50.0
	10	45.8	49.4	50.0	50.0	46.4	50.0	50.0	50.0	45.4	49.0	50.0	50.0	46.1	49.8	50.0	50.0
	15	45.5	49.1	50.0	50.0	45.8	4910	4910	4910	45.2	48.7	50.0	50.0	45.5	4910	4910	4910
	20	44.3	47.7	49.0	50.0	45.3	4740	4740	4740	43.9	47.4	48.7	50.0	44.9	4740	4740	4740
	25	43.0	46.3	47.6	48.8	44.4	4560	4560	4560	42.6	46.0	47.3	48.5	44.1	4560	4560	4560
	30	41.7	45.0	46.2	47.4	43.1	4390	4390	4390	41.4	44.7	45.9	47.1	42.8	4390	4390	4390
	35	40.5	43.7	44.9	46.0	41.8	4210	4210	4210	40.2	43.4	44.6	45.7	41.5	4210	4210	4210
	V_1 : V_R	0.87	0.90	0.91	0.92	0.90	0.94	0.94	0.95	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96
10-50mm dry snow		48.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.4	50.0	50.0	50.0	49.7	50.0	50.0	50.0
	V_1 : V_R	0.83	0.86	0.87	0.88	0.85	0.90	0.91	0.92	0.83	0.86	0.88	0.89	0.86	0.90	0.91	0.92

location		IRAKLION			
		GREECE	IRAKLION APT.		LGIR
RWY	elev.[m]	09/27	35		
slope	stength	< 05	LCN 60		
TORA	[m]	2680			
TODA		2680			
ASDA		2680			
LDA		09: 2200	27: 2680		

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$ OAT [°C]	0	46.7	50.0	50.0	50.0	48.0	50.0	50.0	50.0								
	5	46.4	50.0	50.0	50.0	47.4	50.0	50.0	50.0								
	10	46.1	50.0	50.0	50.0	46.8	50.0	50.0	50.0								
	15	45.9	49.7	50.0	50.0	46.2	4920	4920	4920								
	20	44.7	48.4	49.8	50.0	45.6	4740	4740	4740								
	25	43.4	47.0	48.4	49.7	44.8	4570	4570	4570								
	30	42.1	45.6	46.9	48.2	43.5	4400	4400	4400								
	35	40.9	44.3	45.6	4630	42.2	4220	4220	4220								
	$V_1 : V_R$	0.95	0.98	0.98	0.99	0.98	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm OAT [°C]	0	44.9	48.6	50.0	50.0	46.2	50.0	50.0	50.0								
	5	44.6	48.3	49.7	50.0	45.7	49.4	50.0	50.0								
	10	44.4	48.0	49.4	50.0	45.1	48.8	50.0	50.0								
	15	44.1	47.8	49.1	50.0	44.5	48.2	4920	4920								
	20	43.0	46.5	47.8	49.1	44.0	4740	4740	4740								
	25	41.7	45.1	46.4	47.7	43.2	4570	4570	4570								
	30	40.5	43.8	45.1	46.3	41.9	4400	4400	4400								
	35	39.3	42.5	43.8	44.9	40.7	4220	4220	4220								
	$V_1 : V_R$	0.90	0.93	0.94	0.94	0.92	0.95	0.96	0.97								
μ=0,35 or wet snow less than 3 mm OAT [°C]	0	43.8	47.3	48.6	49.9	45.1	48.7	50.0	50.0								
	5	43.5	47.0	48.4	49.6	44.5	48.1	49.3	50.0								
	10	43.3	46.8	48.1	49.4	44.0	47.5	48.7	50.0								
	15	43.0	46.5	47.8	49.1	43.4	46.9	48.1	4920								
	20	41.9	45.3	46.5	47.8	42.9	46.3	4740	4740								
	25	40.7	43.9	45.2	46.4	42.1	45.4	4570	4570								
	30	39.5	42.7	43.9	45.0	40.9	4400	4400	4400								
	35	----	41.4	42.6	43.7	39.7	4220	4220	4220								
	$V_1 : V_R$	0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93								
10 mm slush or standing water OAT [°C]	0	40.1	43.6	44.8	46.1	41.6	45.0	46.2	47.4								
	5	39.9	43.3	44.6	45.8	41.1	44.4	45.6	46.8								
	10	39.7	43.1	44.3	45.6	40.6	43.8	45.0	46.2								
	15	39.5	42.8	44.1	45.3	40.1	43.3	44.5	45.7								
	20	----	41.7	42.9	44.1	39.6	42.7	43.9	45.1								
	25	----	40.5	41.7	42.8	----	42.0	43.1	44.3								
	30	----	39.3	40.5	41.6	----	40.8	41.9	43.0								
	35	----	----	39.3	40.4	----	39.6	40.6	41.7								
	$V_1 : V_R$	0.85	0.89	0.89	0.90	0.87	0.91	0.92	0.93								
10-50mm dry snow		42.4	45.8	47.1	48.3	43.8	47.1	48.4	49.7								
	$V_1 : V_R$	0.80	0.83	0.85	0.86	0.82	0.86	0.87	0.88								

location			ISTANBUL TURKEY YESILKOY APT. LTBA											
RWY	elev.[m]		36				48				18				48			
slope	stength		0,6 uphill				LCN100				0,6 downhill				LCN100			
TORA	[m]		3000								3000							
TODA			3060								3060							
ASDA			3060								3060							
LDA			3000								3000							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	48.9	50.0	50.0	50.0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	48.6	50.0	50.0	50.0	48.9	4910	4910	4910	50.0	50.0	50.0	50.0	4910	4910	4910	4910
		20	47.3	50.0	50.0	50.0	4740	4740	4740	4740	48.6	50.0	50.0	50.0	4740	4740	4740	4740
		25	45.9	49.6	50.0	50.0	4560	4560	4560	4560	47.2	50.0	50.0	50.0	4560	4560	4560	4560
		30	44.5	48.2	4820 07-1	4820 05-2	4390	4390	4390	4390	45.8	4820 06-1	4820 05-2	4820 05-2	4390	4390	4390	4390
		35	43.2	4630	4630 06-2	4630 13-3	4220	4220	4220	4220	44.5	4630 05-2	4630 11-3	4630 19-3	4220	4220	4220	4220
	$V_1 : V_R$		0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.98	0.99	1.00	0.98	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	47.4	50.0	50.0	50.0	48.7	50.0	50.0	50.0	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	47.1	50.0	50.0	50.0	48.1	50.0	50.0	50.0	48.6	50.0	50.0	50.0	49.5	50.0	50.0	50.0
		10	46.8	50.0	50.0	50.0	47.5	50.0	50.0	50.0	48.3	50.0	50.0	50.0	48.9	50.0	50.0	50.0
		15	46.6	50.0	50.0	50.0	46.9	4910	4910	4910	48.1	50.0	50.0	50.0	48.3	4910	4910	4910
		20	45.3	48.9	50.0	50.0	46.3	4740	4740	4740	46.8	50.0	50.0	50.0	4740	4740	4740	4740
		25	44.0	47.5	48.8	50.0	45.5	4560	4560	4560	45.4	48.8	50.0	50.0	4560	4560	4560	4560
		30	42.7	46.1	47.4	4820	4390	4390	4390	4390	44.1	47.4	4820	4820	4390	4390	4390	4390
		35	41.5	44.8	46.0	4630	4220	4220	4220	4220	42.8	46.0	4630	4630	4220	4220	4220	4220
	$V_1 : V_R$		0.92	0.95	0.96	0.97	0.95	0.98	0.99	1.00	0.90	0.93	0.94	0.95	0.93	0.97	0.97	0.98
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	46.1	49.7	50.0	50.0	47.4	50.0	50.0	50.0	47.6	50.0	50.0	50.0	48.8	50.0	50.0	50.0
		5	45.8	49.4	50.0	50.0	46.8	50.0	50.0	50.0	47.4	50.0	50.0	50.0	48.2	50.0	50.0	50.0
		10	45.5	49.2	50.0	50.0	46.2	49.9	50.0	50.0	47.1	50.0	50.0	50.0	47.6	50.0	50.0	50.0
		15	45.3	48.9	50.0	50.0	45.6	4910	4910	4910	46.8	50.0	50.0	50.0	47.0	4910	4910	4910
		20	44.1	47.5	48.9	50.0	45.0	4740	4740	4740	45.6	49.0	50.0	50.0	46.4	4740	4740	4740
		25	42.8	46.1	47.4	48.7	44.2	4560	4560	4560	44.2	47.5	48.8	50.0	45.6	4560	4560	4560
		30	41.5	44.8	46.0	47.2	42.9	4390	4390	4390	42.9	46.2	47.4	4820	4390	4390	4390	4390
		35	40.3	43.5	44.7	45.9	41.7	4220	4220	4220	41.7	44.8	46.0	4630	4220	4220	4220	4220
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.91	0.94	0.95	0.96	0.86	0.89	0.90	0.91	0.89	0.93	0.93	0.94
10 mm slush or standing water	OAT [°C]	0	42.3	45.9	47.2	48.5	43.7	47.2	48.5	49.8	43.6	47.2	48.5	49.8	44.9	48.4	49.7	50.0
		5	42.1	45.6	46.9	48.2	43.2	46.6	47.9	49.1	43.4	46.9	48.2	49.5	44.3	47.8	49.1	50.0
		10	41.8	45.3	46.7	48.0	42.6	46.0	47.3	48.5	43.1	46.6	47.9	49.2	43.8	47.2	48.5	49.7
		15	41.6	45.1	46.4	47.7	42.1	45.5	46.7	47.9	42.9	46.3	47.6	48.9	43.2	46.6	47.9	49.1
		20	40.5	43.9	45.2	46.4	41.5	44.9	46.1	47.3	41.7	45.1	46.4	47.6	42.7	46.0	47.2	4740
		25	39.3	42.6	43.8	45.0	40.8	44.1	45.2	4560	40.5	43.8	45.0	46.2	41.9	45.2	4560	4560
		30	----	41.4	42.6	43.7	39.6	42.8	4390	4390	39.3	42.5	43.7	44.8	40.7	43.8	4390	4390
		35	----	40.2	41.3	42.5	----	41.5	4220	4220	----	41.3	42.4	43.5	39.5	4220	4220	4220
	$V_1 : V_R$		0.88	0.91	0.92	0.92	0.90	0.93	0.94	0.95	0.85	0.88	0.89	0.90	0.88	0.91	0.92	0.93
10-50mm dry snow			44.5	48.0	49.3	50.0	45.9	49.4	50.0	50.0	46.2	49.6	50.0	50.0	47.3	50.0	50.0	50.0
	$V_1 : V_R$		0.82	0.86	0.87	0.88	0.85	0.89	0.90	0.91	0.80	0.84	0.85	0.86	0.82	0.87	0.88	0.89

location			ISTANBUL			
			TURKEY	YESILKOY APT.	LTBA	
RWY	elev.[m]		06/24	48		
slope	stength		<0,5	PCN100 R/A/X/T		
TORA	[m]		2300			
TODA			2300			
ASDA			2300			
LDA			2300			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C]	0	42.9	46.7	48.1	49.5	44.3	48.1	49.4	50.0								
		5	42.7	46.4	47.9	49.2	43.8	47.5	48.8	50.0								
		10	42.5	46.2	47.6	49.0	43.2	46.9	48.1	49.4								
		15	42.2	45.9	47.3	48.7	42.7	46.3	47.5	48.7								
		20	41.1	44.7	46.0	47.4	42.1	45.7	46.9	4740								
		25	39.9	43.4	44.7	46.0	41.4	44.9	4560	4560								
		30	----	42.1	43.4	44.6	40.2	43.5	4390	4390								
		35	----	40.9	42.1	43.3	----	4220	4220	4220								
	$V_1 : V_R$		0.94	0.96	0.97	0.98	0.96	0.99	0.99	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	41.4	45.0	46.3	47.6	42.9	46.4	47.6	48.9								
		5	41.2	44.7	46.1	47.4	42.3	45.8	47.0	48.3								
		10	41.0	44.5	45.8	47.1	41.8	45.2	46.4	47.6								
		15	40.7	44.2	45.5	46.8	41.3	44.6	45.8	47.0								
		20	39.6	43.0	44.3	45.5	40.8	44.1	45.3	46.4								
		25	----	41.8	43.0	44.2	40.0	43.3	44.4	45.6								
		30	----	40.5	41.7	42.9	----	42.0	43.1	4390								
		35	----	39.4	40.5	41.7	----	40.7	41.8	4220								
	$V_1 : V_R$		0.89	0.91	0.92	0.93	0.90	0.94	0.94	0.95								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	40.5	43.9	45.2	46.4	41.9	45.3	46.5	47.7								
		5	40.2	43.6	44.9	46.1	41.4	44.7	45.9	47.1								
		10	40.0	43.4	44.6	45.9	40.9	44.1	45.3	46.5								
		15	39.8	43.1	44.4	45.6	40.4	43.6	44.8	45.9								
		20	----	42.0	43.2	44.4	39.9	43.0	44.2	45.4								
		25	----	40.7	41.9	43.1	39.2	42.2	43.4	44.5								
		30	----	39.6	40.7	41.8	----	41.0	42.1	43.2								
		35	----	----	39.5	40.6	----	39.8	40.9	41.9								
	$V_1 : V_R$		0.84	0.87	0.88	0.89	0.86	0.90	0.91	0.92								
10 mm slush or standing water	OAT [°C]	0	----	40.4	41.6	42.9	----	41.9	43.1	44.3								
		5	----	40.2	41.4	42.6	----	41.4	42.6	43.8								
		10	----	40.0	41.2	42.4	----	40.9	42.1	43.2								
		15	----	39.7	40.9	42.1	----	40.4	41.5	42.7								
		20	----	----	39.8	41.0	----	39.9	41.0	42.1								
		25	----	----	----	39.8	----	39.2	40.3	41.3								
		30	----	----	----	----	----	----	39.1	40.1								
		35					----	----	----	----								
	$V_1 : V_R$		0.82	0.87	0.88	0.89	0.83	0.89	0.90	0.92								
10-50mm dry snow			39.3	42.6	43.8	45.0	40.8	43.9	45.2	46.4								
	$V_1 : V_R$		0.78	0.82	0.83	0.84	0.80	0.84	0.85	0.87								

location		JERBA / TUNISIA / ZARZIS APT. / DTTJ			
RWY	elev.[m]	09/27	5		
slope	stength	<0,5	SIWL 25 t		
TORA	[m]	3100			
TODA	[m]	3160			
ASDA	[m]	3160			
LDA	[m]	3100			

flaps		10°				20°				10°				20°			
wind [m/s]	OAT [°C]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930								
	20	49.0	50.0	50.0	50.0	4760	4760	4760	4760								
	25	47.5	50.0	50.0	50.0	4580	4580	4580	4580								
	30	46.1	4840	4840	4840	4410	4410	4410	4410								
			07-1	10-1	10-1												
	35	44.8	4650	4650	4650	4230	4230	4230	4230								
			06-2	13-3	17-3												
	$V_1:V_R$	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	0	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	48.7	50.0	50.0	50.0	49.8	50.0	50.0	50.0								
	10	48.5	50.0	50.0	50.0	49.2	50.0	50.0	50.0								
	15	48.2	50.0	50.0	50.0	48.6	4930	4930	4930								
	20	47.0	50.0	50.0	50.0	4760	4760	4760	4760								
	25	45.6	49.1	50.0	50.0	4580	4580	4580	4580								
	30	44.3	47.7	4840	4840	4410	4410	4410	4410								
	35	43.0	46.3	4650	4650	4230	4230	4230	4230								
	$V_1:V_R$	0.92	0.94	0.95	0.96	0.94	0.96	0.99	0.99								
μ=0,35 or wet snow less than 3 mm	0	47.7	50.0	50.0	50.0	49.0	50.0	50.0	50.0								
	5	47.4	50.0	50.0	50.0	48.4	50.0	50.0	50.0								
	10	47.1	50.0	50.0	50.0	47.8	50.0	50.0	50.0								
	15	46.9	50.0	50.0	50.0	47.2	4930	4930	4930								
	20	45.7	49.2	50.0	50.0	46.6	4760	4760	4760								
	25	44.4	47.8	49.1	50.0	4580	4580	4580	4580								
	30	43.1	46.4	47.6	4840	4410	4410	4410	4410								
	35	41.8	45.0	46.2	4650	4230	4230	4230	4230								
	$V_1:V_R$	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96								
10 mm slush or standing water	0	43.7	47.3	48.7	50.0	45.1	48.7	50.0	50.0								
	5	43.5	47.0	48.4	49.7	44.5	48.1	49.4	50.0								
	10	43.2	46.8	48.1	49.4	44.0	47.5	48.8	50.0								
	15	43.0	46.5	47.8	49.1	43.4	46.9	48.2	4930								
	20	42.0	45.4	46.7	47.9	42.9	46.3	47.5	4760								
	25	40.7	44.0	45.3	46.5	42.2	45.6	4580	4580								
	30	39.5	42.8	44.0	45.2	41.0	4410	4410	4410								
	35	----	41.5	42.7	43.8	39.8	4230	4230	4230								
	$V_1:V_R$	0.87	0.90	0.91	0.92	0.89	0.93	0.93	0.94								
10-50mm dry snow	$V_1:V_R$																

location		KALININ			
		USSR MIGALOVO APT. UUEM			
RWY	elev.[m]	25	143	07	143
slope	stength	<0,5	AUW 200 t	<0,5	AUW 200 t
TORA	[m]	2500		2500	
TODA	[m]	2900		2750	
ASDA	[m]	2900		2750	
LDA	[m]	2500		2500	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	47.8	50.0	50.0	50.0	49.7	50.0	50.0	50.0	47.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0
	5	47.3	50.0	50.0	50.0	49.1	50.0	50.0	50.0	46.6	50.0	50.0	50.0	47.7	50.0	50.0	50.0
	10	46.9	50.0	50.0	50.0	48.4	50.0	50.0	50.0	46.2	50.0	50.0	50.0	47.0	50.0	50.0	50.0
	15	46.4	50.0	50.0	50.0	47.7	4870	4870	4870	45.8	49.7	50.0	50.0	46.4	4870	4870	4870
	20	45.4	49.4	50.0	50.0	4690	4690	4690	4690	44.6	48.3	49.7	50.0	45.8	4690	4690	4690
	25	44.1	47.9	49.3	4970	4520	4520	4520	4520	43.3	46.9	48.3	49.6	44.8	4520	4520	4520
	30	42.7	46.5	4770	4770	4350	4350	4350	4350	42.1	45.5	46.9	4770	43.5	4350	4350	4350
	35	41.4	45.1	4580	4580	4180	4180	4180	4180	40.8	44.2	45.5	4580	4180	4180	4180	4180
	$V_1 : V_R$	0.98	0.98	0.99	1.00	0.99	1.00	1.00	1.00	0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	45.8	49.7	50.0	50.0	47.6	50.0	50.0	50.0	45.2	48.9	50.0	50.0	46.5	50.0	50.0	50.0
	5	45.3	49.2	50.0	50.0	47.2	50.0	50.0	50.0	44.8	48.6	49.9	50.0	45.9	49.7	50.0	50.0
	10	44.9	48.7	50.0	50.0	46.5	50.0	50.0	50.0	44.3	48.1	49.5	50.0	45.3	49.0	50.0	50.0
	15	44.5	48.3	49.7	50.0	45.9	4870	4870	4870	43.9	47.7	49.0	50.0	44.7	48.3	4870	4870
	20	43.5	47.2	48.6	49.9	45.2	4690	4690	4690	42.9	46.4	47.7	49.0	44.1	4690	4690	4690
	25	42.2	45.8	47.1	48.4	44.1	4520	4520	4520	41.7	45.1	46.3	47.6	43.1	4520	4520	4520
	30	40.9	44.4	45.7	47.0	42.9	4350	4350	4350	40.4	43.7	45.0	46.2	41.9	4350	4350	4350
	35	39.7	43.1	44.4	45.6	41.7	4180	4180	4180	39.2	42.5	43.7	44.9	40.6	4180	4180	4180
	$V_1 : V_R$	0.93	0.95	0.96	0.95	0.93	0.97	0.97	0.98	0.91	0.93	0.94	0.95	0.92	0.96	0.97	0.97
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	44.5	48.2	49.6	50.0	46.3	50.0	50.0	50.0	44.0	47.6	48.9	50.0	45.4	49.0	50.0	50.0
	5	44.1	47.8	49.1	50.0	45.9	49.6	50.0	50.0	43.6	47.2	48.6	49.9	44.8	48.3	49.6	50.0
	10	43.6	47.3	48.7	50.0	45.3	48.9	50.0	50.0	43.2	46.8	48.1	49.4	44.2	47.7	48.9	50.0
	15	43.2	46.9	48.2	49.5	44.7	48.2	4870	4870	42.8	46.3	47.6	48.9	43.6	47.0	48.2	4870
	20	42.3	45.8	47.1	48.4	43.9	4690	4690	4690	41.8	45.2	46.4	47.7	43.0	46.4	4690	4690
	25	41.0	44.5	45.7	47.0	42.8	4520	4520	4520	40.5	43.9	45.1	46.3	42.1	4520	4520	4520
	30	39.8	43.1	44.4	45.6	41.7	4350	4350	4350	39.3	42.6	43.8	44.9	40.9	4350	4350	4350
	35	----	41.8	43.0	44.2	40.6	4180	4180	4180	----	41.3	42.5	43.6	39.6	4180	4180	4180
	$V_1 : V_R$	0.89	0.91	0.92	0.93	0.90	0.93	0.93	0.94	0.87	0.89	0.90	0.91	0.88	0.92	0.93	0.94
10 mm slush or standing water	OAT [°C] 0	40.3	44.4	45.7	47.1	42.5	46.2	47.5	48.7	40.4	43.8	45.1	46.3	41.8	45.2	46.4	47.7
	5	40.4	44.0	45.3	46.6	42.3	45.7	46.9	48.2	40.0	43.5	44.8	46.1	41.3	44.6	45.8	47.0
	10	40.0	43.6	44.9	46.2	41.8	45.1	46.3	47.5	39.6	43.1	44.4	45.7	40.8	44.0	45.2	46.4
	15	39.7	43.2	44.5	45.8	41.2	44.5	45.7	46.9	39.2	42.7	44.0	45.2	40.2	43.4	44.6	45.8
	20	----	42.2	43.5	44.7	40.3	43.8	45.0	46.2	----	41.6	42.8	44.0	39.7	42.8	44.9	45.2
	25	----	40.9	42.2	43.4	39.3	42.8	43.9	45.1	----	40.4	41.6	42.8	----	41.9	43.0	44.2
	30	----	39.7	40.9	42.1	----	41.7	42.8	4350	----	39.2	40.4	41.5	----	40.7	41.8	42.9
	35	----	----	39.7	40.8	----	40.4	41.5	4180	----	----	39.2	40.6	----	39.5	40.5	41.6
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.89	0.92	0.92	0.93	0.86	0.89	0.90	0.91	0.87	0.91	0.92	0.93
10-50mm dry snow		43.0	46.5	47.8	49.1	44.7	48.3	49.5	50.9	42.6	46.0	47.7	48.5	44.0	47.3	48.6	49.9
	$V_1 : V_R$	0.83	0.86	0.87	0.88	0.83	0.87	0.88	0.89	0.81	0.85	0.86	0.86	0.82	0.86	0.87	0.89

location		KIEV															
		USSR				BORISPOL				UKBB							
RWY	elev.[m]	18R/36L				130				18L/36R				130			
slope	stength	<0,5				PCN38 R/C/X/T				<0,5				PCN12 R/C/X/T			
TORA	[m]	3500								2500							
TODA		3900								2900							
ASDA		3900								2900							
LDA		3500								2500							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.8	50.0	50.0	50.0	49.8	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.4	50.0	50.0	50.0	49.1	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	46.9	50.0	50.0	50.0	48.4	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4870	4870	4870	4870	46.5	50.0	50.0	50.0	47.8	4870	4870	4870
	20	50.0	50.0	50.0	50.0	4700	4700	4700	4700	45.5	49.5	50.0	50.0	4700	4700	4700	4700
	25	4970	4970	4970	4970	4530	4530	4530	4530	44.1	48.0	49.4	4970	4530	4530	4530	4530
	30	4780	4780	4780	4780	4350	4350	4350	4350	42.8	46.5	4780	4780	4350	4350	4350	4350
		10-2	10-2	10-2	10-2												
	35	4580	4580	4580	4580	4180	4180	4180	4180	41.5	45.1	4580	4580	4180	4180	4180	4180
		15-3	17-4	17-4	17-4												
	$V_1 : V_R$	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.98	0.98	0.99	1.00	0.99	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	45.8	49.7	50.0	50.0	47.7	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	45.4	49.3	50.0	50.0	47.2	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	45.0	48.8	50.0	50.0	46.6	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4870	4870	4870	4870	44.5	48.3	49.8	50.0	46.0	4870	4870	4870
	20	50.0	50.0	50.0	50.0	4700	4700	4700	4700	43.6	47.3	48.7	50.0	45.2	4700	4700	4700
	25	4970	4970	4970	4970	4530	4530	4530	4530	42.3	45.9	47.2	48.5	44.1	4530	4530	4530
	30	4780	4780	4780	4780	4350	4350	4350	4350	41.0	44.5	45.8	47.1	43.0	4350	4350	4350
	35	4580	4580	4580	4580	4180	4180	4180	4180	39.8	43.2	44.4	45.7	41.8	4180	4180	4180
	$V_1 : V_R$	0.94	0.97	0.98	0.99	0.98	1.00	1.00	1.00	0.93	0.95	0.96	0.95	0.93	0.97	0.97	0.98
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	44.5	48.3	49.6	50.0	46.3	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	44.1	47.8	49.2	50.0	46.0	49.6	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	43.7	47.4	48.7	50.0	45.4	49.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4870	4870	4870	4870	43.3	46.9	48.3	49.6	44.8	48.3	4870	4870
	20	49.8	50.0	50.0	50.0	4700	4700	4700	4700	42.3	45.9	47.2	48.5	43.9	4700	4700	4700
	25	48.3	4970	4970	4970	4530	4530	4530	4530	41.1	44.5	45.8	47.0	42.8	4530	4530	4530
	30	46.9	4780	4780	4780	4350	4350	4350	4350	39.8	43.2	44.4	45.6	41.7	4350	4350	4350
	35	45.5	4580	4580	4580	4180	4180	4180	4180	----	41.9	43.1	44.3	40.6	4180	4180	4180
	$V_1 : V_R$	0.90	0.93	0.94	0.95	0.94	0.98	0.99	1.00	0.89	0.91	0.92	0.93	0.90	0.93	0.93	0.94
10 mm slush or standing water	OAT [°C] 0	48.1	50.0	50.0	50.0	49.7	50.0	50.0	50.0	40.8	44.4	45.8	47.1	42.6	46.3	47.5	48.8
	5	47.7	50.0	50.0	50.0	49.0	50.0	50.0	50.0	40.5	44.0	45.4	46.7	42.4	45.7	47.0	48.2
	10	47.2	50.0	50.0	50.0	48.4	50.0	50.0	50.0	40.1	43.6	44.9	46.2	41.8	45.1	46.4	47.6
	15	46.8	50.0	50.0	50.0	47.7	4870	4870	4870	39.7	43.2	44.5	45.8	41.3	44.5	45.8	46.9
	20	45.8	49.4	50.0	50.0	4700	4700	4700	4700	----	42.3	43.5	44.8	40.4	43.9	45.1	46.3
	25	44.4	48.0	49.3	4970	4530	4530	4530	4530	----	41.0	42.2	43.5	39.3	42.8	44.0	45.1
	30	43.1	46.5	4780	4780	4350	4350	4350	4350	----	39.8	41.0	42.2	----	41.7	42.9	4350
	35	41.8	45.1	4580	4580	4180	4180	4180	4180	----	----	39.7	40.9	----	40.5	41.6	4180
	$V_1 : V_R$	0.90	0.92	0.93	0.94	0.92	0.96	0.97	0.97	0.88	0.91	0.92	0.93	0.89	0.92	0.92	0.93
10-50mm dry snow		0.85	0.88	0.89	0.90	50.0	50.0	50.0	50.0	43.0	46.6	47.9	49.1	44.7	48.3	49.6	50.0
	$V_1 : V_R$	50.0	50.0	50.0	50.0	0.88	0.92	0.94	0.95	0.83	0.86	0.87	0.88	0.83	0.87	0.88	0.89

location		KLAGENFURT AUSTRIA	KLAGENFURT	LOWK	
RWY	elev.[m]	11/29	448		
slope	stength	<0,5	TT 260 t		
TORA	[m]	2720			
TODA	[m]	2720			
ASDA	[m]	2720			
LDA	[m]	11: 2520	29: 2720		

flaps		10°				20°				10°				20°			
wind [m/s]	OAT [°C]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	0	46.2	50.0	50.0	50.0	47.6	50.0	50.0	50.0								
	5	45.9	49.7	50.0	50.0	46.9	50.0	50.0	50.0								
	10	45.6	49.4	50.0	50.0	46.2	4960	4960	4960								
	15	44.8	48.5	49.9	50.0	45.5	4790	4790	4790								
	20	43.5	47.1	48.5	49.8	44.9	4620	4620	4620								
	25	42.2	45.7	47.0	48.3	43.6	4450	4450	4450								
	30	41.0	44.4	45.7	4690	42.3	4280	4280	4280								
	35	39.8	43.1	44.4	4500	41.1	4110	4110	4110								
	$V_1:V_R$	0.96	0.98	0.99	0.99	0.98	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	0	44.5	48.1	49.5	50.0	45.8	49.5	50.0	50.0								
	5	44.2	47.8	49.1	50.0	45.1	48.8	50.0	50.0								
	10	43.9	47.4	48.8	50.0	44.5	48.1	49.4	4960								
	15	43.1	46.6	47.9	49.2	43.9	47.4	4790	4790								
	20	41.8	45.2	46.5	47.8	43.2	4620	4620	4620								
	25	40.6	43.9	45.2	46.4	42.0	4450	4450	4450								
	30	39.4	42.6	43.8	45.0	40.8	4280	4280	4280								
	35	----	41.4	42.6	43.7	39.6	4110	4110	4110								
	$V_1:V_R$	0.90	0.93	0.94	0.95	0.92	0.96	0.96	0.97								
μ=0,35 or wet snow less than 3 mm	0	43.3	46.8	48.1	49.4	44.7	48.2	49.5	50.0								
	5	43.0	46.5	47.8	49.1	44.0	47.5	48.8	50.0								
	10	42.7	46.2	47.5	48.7	43.4	46.8	48.1	49.3								
	15	42.0	45.4	46.6	47.9	42.8	46.1	47.4	4790								
	20	40.8	44.0	45.3	46.5	42.2	45.5	4620	4620								
	25	39.6	42.7	43.9	45.1	41.0	44.2	4450	4450								
	30	----	41.5	42.7	43.8	39.8	4280	4280	4280								
	35	----	40.3	41.4	42.5	----	4110	4110	4110								
	$V_1:V_R$	0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.93								
10 mm slush or standing water	0	39.7	43.1	44.4	45.6	41.2	44.5	45.7	46.9								
	5	39.5	42.8	44.1	45.3	40.6	43.9	45.1	46.3								
	10	39.2	42.5	43.8	45.0	40.1	43.2	44.4	45.6								
	15	----	41.8	43.0	44.2	39.5	42.6	43.8	44.9								
	20	----	40.6	41.8	42.9	----	42.0	43.1	44.3								
	25	----	39.4	40.5	41.7	----	40.8	41.9	43.1								
	30	----	----	39.4	40.5	----	39.6	40.7	41.8								
	35	----	----	----	39.3	----	----	39.5	40.6								
	$V_1:V_R$	0.84	0.89	0.90	0.90	0.87	0.91	0.92	0.93								
10-50mm dry snow		42.0	45.3	46.6	47.8	43.4	46.6	47.9	49.1								
	$V_1:V_R$	0.88	0.84	0.85	0.86	0.82	0.86	0.87	0.88								

location		KOS			
		GREECE	KOS APT.	LGKO	
RWY	elev.[m]	15/33	125		
slope	stength	<0,5	PCN45 F/A/X/T		
TORA	[m]	2400			
TODA	[m]	2460			
ASDA	[m]	2460			
LDA	[m]	2400			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	44.3	48.1	49.6	50.0	45.6	49.5	50.0	50.0								
	5	44.0	47.8	49.2	50.0	45.0	48.9	50.0	50.0								
	10	43.8	47.5	48.9	50.0	44.4	48.2	49.5	50.0								
	15	43.4	47.1	48.6	50.0	43.9	47.6	4870	4870								
	20	42.2	45.8	47.1	48.5	43.3	47.0	4700	4700								
	25	40.9	44.4	45.7	47.0	42.4	4530	4530	4530								
	30	39.7	43.1	44.4	45.7	41.1	4360	4360	4360								
	35	----	41.9	43.1	44.4	39.9	4180	4180	4180								
	$V_1 : V_R$	0.95	0.97	0.98	0.98	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	42.7	46.3	47.6	49.0	44.1	47.7	48.9	50.0								
	5	42.4	46.0	47.3	48.7	43.5	47.0	48.3	49.5								
	10	42.2	45.7	47.1	48.4	42.9	46.4	47.7	48.9								
	15	41.8	45.4	46.7	48.0	42.4	45.8	47.0	48.2								
	20	40.6	44.0	45.3	46.6	41.8	45.2	46.4	4700								
	25	39.4	42.7	44.0	45.2	40.9	44.2	4530	4530								
	30	----	41.5	42.7	43.9	39.7	42.9	4360	4360								
	35	----	40.3	41.5	42.6	----	41.7	4180	4180								
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.91	0.94	0.95	0.96								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	41.6	45.1	46.4	47.7	43.1	46.5	47.7	49.0								
	5	41.4	44.8	46.1	47.4	42.5	45.9	47.1	48.3								
	10	41.1	44.5	45.8	47.1	41.9	45.2	46.5	47.7								
	15	40.8	44.2	45.5	46.7	41.4	44.6	45.9	47.1								
	20	39.6	42.9	44.1	45.3	40.8	44.1	45.2	46.4								
	25	----	41.7	42.8	44.0	40.0	43.1	44.3	4530								
	30	----	40.4	41.6	42.7	----	41.8	43.0	4360								
	35	----	39.3	40.4	41.5	----	40.6	41.7	4180								
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92								
10 mm slush or standing water	OAT [°C] 0	----	41.5	42.8	44.0	39.8	43.0	44.2	45.4								
	5	----	41.3	42.5	43.7	39.3	42.4	43.6	44.8								
	10	----	41.0	42.3	43.5	----	41.9	43.0	44.2								
	15	----	40.7	41.9	43.1	----	41.3	42.5	43.6								
	20	----	39.5	40.7	41.9	----	40.8	41.9	43.0								
	25	----	----	39.5	40.7	----	39.9	41.0	42.1								
	30	----	----	----	39.5	----	----	39.8	40.9								
	35	----	----	----	----	----	----	----	39.7								
	$V_1 : V_R$	0.83	0.88	0.89	0.90	0.85	0.90	0.91	0.92								
10-50mm dry snow		40.4	43.7	44.9	46.2	41.9	45.1	46.3	47.5								
	$V_1 : V_R$	0.79	0.83	0.84	0.85	0.81	0.85	0.86	0.87								

location			LARNACA							
			CYPRUS				LARNACA INT'L LCLK			
RWY	elev.[m]		22		2		04		2	
slope	stength		< 0,5		PCN80 F/D/U/W		< 0,5		PCN80 F/D/U/W	
TORA	[m]		2700				2700			
TODA			4000				3695			
ASDA			2700				2700			
LDA			2520				2700			
flaps			10°		20°		10°		20°	
wind		[m/s]	-5 0 5 10		-5 0 5 10		-5 0 5 10		-5 0 5 10	
$\mu \geq 0,65$	OAT [°C]	0	48.3 50.0 50.0 50.0		50.0 50.0 50.0 50.0		48.3 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		5	47.9 50.0 50.0 50.0		50.0 50.0 50.0 50.0		47.9 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		10	47.5 50.0 50.0 50.0		50.0 50.0 50.0 50.0		47.5 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		15	47.0 50.0 50.0 50.0		49.0 4930 4930 4930		47.0 50.0 50.0 50.0		49.0 4930 4930 4930	
		20	46.3 50.0 50.0 50.0		4760 4760 4760 4760		46.3 50.0 50.0 50.0		4760 4760 4760 4760	
		25	44.9 48.7 50.0 50.0		4580 4580 4580 4580		44.9 48.7 50.0 50.0		4580 4580 4580 4580	
		30	43.6 47.2 4850 4850		4410 4410 4410 4410		43.6 47.2 4850 4850		4410 4410 4410 4410	
		35	42.3 45.8 4650 4650		4240 4240 4240 4240		42.3 45.8 4650 4650		4240 4240 4240 4240	
	$V_1 : V_R$		0.94 0.90 0.91 0.92		0.96 0.95 0.96 0.98		0.94 0.92 0.93 0.94		0.96 0.96 0.97 0.98	
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	46.4 50.0 50.0 50.0		48.3 50.0 50.0 50.0		46.4 50.0 50.0 50.0		48.3 50.0 50.0 50.0	
		5	46.1 49.8 50.0 50.0		48.2 50.0 50.0 50.0		46.1 49.8 50.0 50.0		48.2 50.0 50.0 50.0	
		10	45.7 49.4 50.0 50.0		48.2 50.0 50.0 50.0		45.7 49.4 50.0 50.0		48.2 50.0 50.0 50.0	
		15	45.3 49.0 50.0 50.0		47.2 4930 4930 4930		45.3 49.0 50.0 50.0		47.2 4930 4930 4930	
		20	44.5 48.2 49.6 50.0		46.1 4760 4760 4760		44.5 48.2 49.6 50.0		46.1 4760 4760 4760	
		25	43.2 46.8 48.1 49.3		44.9 4580 4580 4580		43.2 46.8 48.1 49.3		44.9 4580 4580 4580	
		30	41.9 45.4 46.6 47.9		43.8 4410 4410 4410		41.9 45.4 46.6 47.9		43.8 4410 4410 4410	
		35	40.7 44.0 45.2 46.4		4240 4240 4240 4240		40.7 44.0 45.2 46.4		4240 4240 4240 4240	
	$V_1 : V_R$		0.89 0.91 0.86 0.87		0.90 0.90 0.91 0.92		0.89 0.91 0.88 0.89		0.90 0.91 0.92 0.93	
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	45.3 48.9 50.0 50.0		47.1 50.0 50.0 50.0		45.3 48.9 50.0 50.0		47.1 50.0 50.0 50.0	
		5	44.9 48.5 49.9 50.0		47.0 50.0 50.0 50.0		44.9 48.5 49.9 50.0		47.0 50.0 50.0 50.0	
		10	44.5 48.1 49.4 50.0		47.0 50.0 50.0 50.0		44.5 48.1 49.4 50.0		47.0 50.0 50.0 50.0	
		15	44.1 47.7 49.0 50.0		46.0 4930 4930 4930		44.1 47.7 49.0 50.0		46.0 4930 4930 4930	
		20	43.4 46.9 48.2 49.5		44.9 4760 4760 4760		43.4 46.9 48.2 49.5		44.9 4760 4760 4760	
		25	42.1 45.5 46.8 48.0		43.8 4580 4580 4580		42.1 45.5 46.8 48.0		43.8 4580 4580 4580	
		30	40.9 44.2 45.4 46.6		42.7 4410 4410 4410		40.9 44.2 45.4 46.6		42.7 4410 4410 4410	
		35	39.6 42.9 44.0 45.2		41.6 4240 4240 4240		39.6 42.9 44.0 45.2		41.6 4240 4240 4240	
	$V_1 : V_R$		0.85 0.88 0.89 0.83		0.86 0.85 0.87 0.88		0.85 0.88 0.89 0.85		0.86 0.86 0.88 0.89	
10 mm slush or standing water	OAT [°C]	0	41.6 45.1 46.5 47.7		43.4 47.0 48.2 49.5		41.6 45.1 46.5 47.7		43.4 47.0 48.2 49.5	
		5	41.2 44.8 46.1 47.3		43.3 46.9 48.2 49.4		41.2 44.8 46.1 47.3		43.3 46.9 48.2 49.4	
		10	40.9 44.4 45.7 46.9		43.3 46.9 48.1 49.4		40.9 44.4 45.7 46.9		43.3 46.9 48.1 49.4	
		15	40.5 44.0 45.3 46.5		42.3 45.9 47.1 48.3		40.5 44.0 45.3 46.5		42.3 45.9 47.1 48.3	
		20	39.9 43.3 44.6 45.8		41.3 44.8 46.0 47.2		39.9 43.3 44.6 45.8		41.3 44.8 46.0 47.2	
		25	---- 42.0 43.2 44.4		40.3 43.7 44.9 4580		---- 42.0 43.2 44.4		40.3 43.7 44.9 4580	
		30	---- 40.7 41.9 43.1		39.3 42.6 43.8 4410		---- 40.7 41.9 43.1		39.3 42.6 43.8 4410	
		35	---- 39.5 40.7 41.8		---- 41.5 4240 4240		---- 39.5 40.7 41.8		---- 41.5 4240 4240	
	$V_1 : V_R$		0.84 0.87 0.88 0.89		0.85 0.89 0.90 0.91		0.84 0.87 0.88 0.89		0.85 0.89 0.90 0.91	
10-50mm dry snow	$V_1 : V_R$									

location		LEIPZIG			
		GDR LEIPZIG APT. ETLS			
RWY	elev.[m]	11/29	142		
slope	stength	<0,5	LCN65		
TORA	[m]	2500			
TODA		3000			
ASDA		2500			
LDA		2500			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	45.9	49.9	50.0	50.0	47.8	50.0	50.0	50.0								
	5	45.5	49.4	50.0	50.0	47.7	50.0	50.0	50.0								
	10	45.1	48.9	50.0	50.0	47.1	50.0	50.0	50.0								
	15	44.6	48.5	49.9	50.0	46.4	4870	4870	4870								
	20	43.7	47.4	48.8	50.0	45.3	4690	4690	4690								
	25	42.3	46.0	47.3	48.6	44.2	4520	4520	4520								
	30	41.1	44.6	45.9	47.2	43.1	4350	4350	4350								
	35	39.8	43.2	44.5	45.8	4180	4180	4180	4180								
	$V_1 : V_R$	0.93	0.96	0.96	0.95	0.95	0.96	0.97	0.98								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	44.3	48.0	49.3	50.0	46.0	49.8	50.0	50.0								
	5	43.8	47.5	48.9	50.0	46.0	49.7	50.0	50.0								
	10	43.4	47.1	48.4	49.7	45.6	49.1	50.0	50.0								
	15	43.0	46.6	48.0	49.3	44.7	48.4	4870	4870								
	20	42.1	45.6	46.9	48.2	43.6	4690	4690	4690								
	25	40.8	44.2	45.5	46.7	42.6	4520	4520	4520								
	30	39.6	42.9	44.1	45.3	41.5	4350	4350	4350								
	35	----	41.6	42.8	44.0	40.4	4180	4180	4180								
	$V_1 : V_R$	0.88	0.91	0.92	0.92	0.89	0.92	0.92	0.93								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	43.2	46.7	48.1	49.3	44.9	48.5	49.8	50.0								
	5	42.8	46.3	47.6	48.9	44.9	48.5	49.7	50.0								
	10	42.4	45.9	47.2	48.4	44.6	47.9	49.2	50.0								
	15	42.0	45.4	46.7	48.0	43.6	47.1	48.4	4870								
	20	41.0	44.4	45.7	46.9	42.6	46.0	4690	4690								
	25	39.8	43.1	44.3	45.5	41.5	44.9	4520	4520								
	30	----	41.8	43.0	44.1	40.4	4350	4350	4350								
	35	----	40.5	41.7	42.8	39.3	4180	4180	4180								
	$V_1 : V_R$	0.84	0.87	0.88	0.89	0.85	0.89	0.90	0.89								
10 mm slush or standing water	OAT [°C] 0	39.7	43.1	44.4	45.6	41.3	44.9	46.1	47.3								
	5	39.3	42.7	44.0	45.2	41.3	44.8	46.1	47.3								
	10	----	42.3	43.6	44.8	41.1	44.3	45.5	46.7								
	15	----	41.9	43.2	44.4	40.1	43.6	44.8	46.0								
	20	----	41.0	42.2	43.4	39.1	42.5	43.7	44.9								
	25	----	39.7	40.9	42.1	----	41.5	42.6	43.8								
	30	----	----	39.7	40.8	----	40.4	41.5	42.7								
	35	----	----	----	39.6	----	39.3	40.4	41.6								
	$V_1 : V_R$	0.83	0.87	0.88	0.88	0.84	0.88	0.89	0.90								
10-50mm dry snow		41.9	45.3	46.6	47.8	43.6	47.0	48.3	49.5								
	$V_1 : V_R$	0.78	0.82	0.83	0.84	0.79	0.83	0.84	0.86								

location		LENINGRAD			
		USSR	PULKOVO APT.	ULLL	
RWY	elev.[m]	10R/28L	24	10L/28R	24
slope	stength	< 0,5	350 T	< 0,5	PCN90 R/C/X/T
TORA	[m]	3780		3400	
TODA	[m]	4180		3800	
ASDA	[m]	4180		3800	
LDA	[m]	3780		3400	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
	20	50.0	50.0	50.0	50.0	4750	4750	4750	4750	50.0	50.0	50.0	50.0	4750	4750	4750	4750
	25	50.0	50.0	50.0	50.0	4570	4570	4570	4570	50.0	50.0	50.0	50.0	4570	4570	4570	4570
	30	4830	4830	4830	4830	4400	4400	4400	4400	4830	4830	4830	4830	4400	4400	4400	4400
		04-2	04-2	04-2	04-2					04-2	04-2	04-2	04-2				
	35	4640	4640	4640	4640	4230	4230	4230	4230	4640	4640	4640	4640	4230	4230	4230	4230
		18-3	18-3	18-3	18-3					16-2	18-3	18-3	18-3				
	V_1 : V_R	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
	20	50.0	50.0	50.0	50.0	4750	4750	4750	4750	50.0	50.0	50.0	50.0	4750	4750	4750	4750
	25	50.0	50.0	50.0	50.0	4570	4570	4570	4570	49.8	50.0	50.0	50.0	4570	4570	4570	4570
	30	4830	4830	4830	4830	4400	4400	4400	4400	4830	4830	4830	4830	4400	4400	4400	4400
	35	4640	4640	4640	4640	4230	4230	4230	4230	4640	4640	4640	4640	4230	4230	4230	4230
	V_1 : V_R	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	0.94	0.97	0.98	0.99	0.97	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	30.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
	20	50.0	50.0	50.0	50.0	4750	4750	4750	4750	49.8	50.0	50.0	50.0	4750	4750	4750	4750
	25	50.0	50.0	50.0	50.0	4570	4570	4570	4570	48.3	50.0	50.0	50.0	4570	4570	4570	4570
	30	4830	4830	4830	4830	4400	4400	4400	4400	46.9	4830	4830	4830	4400	4400	4400	4400
	35	4640	4640	4640	4640	4230	4230	4230	4230	45.5	4640	4640	4640	4230	4230	4230	4230
	V_1 : V_R	0.91	0.94	0.95	0.96	0.95	1.00	1.00	1.00	0.90	0.93	0.94	0.95	0.93	0.98	0.99	1.00
10 mm slush or standing water	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.8	50.0	50.0	50.0	49.4	50.0	50.0	50.0
	5	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.3	50.0	50.0	50.0	48.8	50.0	50.0	50.0
	10	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	46.9	50.0	50.0	50.0	48.1	50.0	50.0	50.0
	15	49.0	50.0	50.0	50.0	4920	4920	4920	4920	46.5	50.0	50.0	50.0	47.5	4920	4920	4920
	20	48.2	50.0	50.0	50.0	4750	4750	4750	4750	45.7	49.5	50.0	50.0	46.9	4750	4750	4750
	25	46.7	50.0	50.0	50.0	4570	4570	4570	4570	44.4	48.0	49.3	50.0	4570	4570	4570	4570
	30	45.3	4830	4830	4830	4400	4400	4400	4400	43.0	46.5	47.8	4830	4400	4400	4400	4400
	35	44.0	4640	4640	4640	4230	4230	4230	4230	41.7	45.2	4640	4640	4230	4230	4230	4230
	V_1 : V_R	0.91	0.93	0.94	0.95	0.93	0.97	0.98	0.99	0.90	0.92	0.93	0.94	0.91	0.95	0.96	0.97
10-50mm dry snow		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	V_1 : V_R	0.85	0.89	0.90	0.90	0.89	0.94	0.95	0.97	0.85	0.87	0.89	0.90	0.87	0.92	0.93	0.94

location		LIVERPOOL															
		U.K.				LIVERPOOL APT.				EGGP							
RWY	elev.[m]	09				26				27				26			
slope	stength	<0,5				PCN61 R/A/W/U				<0,5				PCN61 R/A/W/U			
TORA	[m]	2286								2286							
TODA		2365								2469							
ASDA		2306								2319							
LDA		2225								2286							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	43.4	47.1	48.6	50.0	44.8	48.6	49.8	50.0	44.0	47.8	49.2	50.0	45.4	49.2	50.0	50.0
	5	43.1	46.9	48.3	49.7	44.2	47.9	49.2	50.0	43.8	47.5	48.9	50.0	44.8	48.6	49.8	50.0
	10	42.9	46.6	48.0	49.4	43.7	47.3	48.6	49.8	43.5	47.2	48.6	50.0	44.2	47.9	49.2	50.0
	15	42.7	46.3	47.7	49.1	43.1	46.7	48.0	49.2	43.1	46.9	48.3	49.7	43.7	47.3	48.6	4920
	20	41.6	45.2	46.5	47.8	42.6	46.2	47.4	4750	42.2	45.7	47.1	48.4	43.1	46.7	4750	4750
	25	40.4	43.8	45.1	46.4	41.8	45.3	4570	4570	40.9	44.4	45.7	47.0	42.4	4570	4570	4570
	30	39.2	42.5	43.8	45.1	40.6	4400	4400	4400	39.7	43.1	44.4	45.6	41.1	4400	4400	4400
	35	----	41.3	42.6	43.8	39.4	4230	4230	4230	----	41.8	43.1	44.3	39.9	4230	4230	4230
	$V_1 : V_R$	0.94	0.96	0.97	0.97	0.95	0.98	0.99	1.00	0.93	0.95	0.96	0.97	0.95	0.98	0.98	0.99
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	41.9	45.4	46.8	48.1	43.3	46.8	48.1	49.3	42.5	46.0	47.4	48.7	43.9	47.4	48.7	50.0
	5	41.6	45.2	46.5	47.8	42.8	46.2	47.5	48.7	42.3	45.8	47.1	48.4	43.4	46.8	48.1	49.3
	10	41.4	44.9	46.2	47.5	42.2	45.7	46.9	48.1	42.0	45.5	46.8	48.1	42.8	46.2	47.5	48.7
	15	41.2	44.7	46.0	47.3	41.7	45.1	46.3	47.5	41.6	45.2	46.5	47.8	42.3	45.7	46.9	48.1
	20	40.1	43.5	44.8	46.0	41.2	44.5	45.7	46.9	40.7	44.1	45.4	46.6	41.8	45.1	46.3	4750
	25	----	42.2	43.5	44.7	40.5	43.7	44.9	4570	39.5	42.8	44.0	45.3	41.0	44.3	45.5	4570
	30	----	41.0	42.2	43.4	39.3	42.4	43.6	4400	----	41.6	42.8	43.9	39.8	43.0	4400	4400
	35	----	39.8	41.0	42.1	----	41.2	4230	4230	----	40.4	41.5	42.7	----	41.7	4230	4230
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.90	0.93	0.94	0.95	0.87	0.90	0.91	0.92	0.89	0.92	0.93	0.94
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	40.9	44.3	45.6	46.9	42.4	45.7	46.9	48.2	41.5	44.9	46.2	47.5	42.9	46.3	47.6	48.8
	5	40.7	44.1	45.3	46.6	41.8	45.1	46.4	47.6	41.3	44.7	46.0	47.2	42.4	45.7	47.0	48.2
	10	40.4	43.8	45.1	46.3	41.3	44.6	45.8	47.0	41.0	44.4	45.7	46.9	41.9	45.1	46.4	47.6
	15	40.2	43.6	44.8	46.1	40.8	44.0	45.2	46.4	40.6	44.1	45.4	46.6	41.4	44.6	45.8	47.0
	20	39.2	42.5	43.7	44.9	40.3	43.4	44.6	45.8	39.8	43.0	44.3	45.5	40.9	44.0	45.2	46.4
	25	----	41.2	42.4	43.6	39.6	42.7	43.9	45.0	----	41.8	43.0	44.1	40.1	43.2	44.4	45.6
	30	----	40.0	41.2	42.3	----	41.4	42.6	43.7	----	40.6	41.7	42.8	----	42.0	43.1	4400
	35	----	----	40.0	41.1	----	40.2	41.3	4230	----	39.4	40.5	41.6	----	40.7	41.8	4230
	$V_1 : V_R$	0.84	0.87	0.88	0.89	0.85	0.89	0.90	0.91	0.83	0.86	0.87	0.88	0.85	0.88	0.90	0.91
10 mm slush or standing water	OAT [°C] 0	----	40.8	42.1	43.3	39.2	42.3	43.5	44.7	----	41.4	42.6	43.9	39.8	42.9	44.1	45.3
	5	----	40.6	41.8	43.0	----	41.8	43.0	44.2	----	41.2	42.4	43.6	39.3	42.3	43.5	44.7
	10	----	40.4	41.6	42.8	----	41.3	42.5	43.6	----	40.9	42.2	43.4	----	41.8	43.0	44.2
	15	----	40.2	41.4	42.5	----	40.8	41.9	43.1	----	40.7	41.9	43.1	----	41.3	42.5	43.6
	20	----	39.1	40.3	41.5	----	40.3	41.4	42.5	----	39.7	40.9	42.0	----	40.8	41.9	43.1
	25	----	----	39.1	40.2	----	39.6	40.7	41.8	----	----	39.7	40.8	----	40.1	41.2	42.3
	30	----	----	----	39.1	----	----	39.5	40.6	----	----	----	39.6	----	----	40.0	41.1
	35	----	----	----	----	----	----	----	39.4	----	----	----	----	----	----	----	39.9
	$V_1 : V_R$	0.82	0.87	0.88	0.89	0.83	0.89	0.90	0.91	0.82	0.86	0.87	0.88	0.84	0.88	0.89	0.90
10-50mm dry snow		39.8	43.0	44.2	45.4	0.79	0.84	0.85	0.86	40.4	43.6	44.9	46.1	41.8	45.0	46.2	47.5
	$V_1 : V_R$	0.77	0.81	0.83	0.84	41.3	44.4	45.6	46.8	0.77	0.81	0.82	0.83	0.79	0.83	0.84	0.86

location		LJUBLJANA															
		YUGOSLAVIA				LJUBLJANA APT. LYLJ											
RWY	elev.[m]	31				388				13				388			
slope	stength	0,77 uphill				LCN95				0,77 downhill				LCN95			
TORA	[m]	3300								3300							
TODA		3300								3300							
ASDA		3300								3300							
LDA		3300								3300							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	49.3	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
	15	48.2	50.0	50.0	50.0	4750	4750	4750	4750	50.0	50.0	50.0	50.0	4750	4750	4750	4750
	20	46.8	50.0	50.0	50.0	4580	4580	4580	4580	48.6	50.0	50.0	50.0	4580	4580	4580	4580
	25	45.4	4830 01-1	4830 11-1	4830 11-1	4410	4410	4410	4410	47.2	4830 11-1	4830 11-1	4830 11-1	4410	4410	4410	4410
	30	44.1	4640 06-1	4640 13-2	4640 17-3	4240	4240	4240	4240	45.8	4640 16-2	4640 17-3	4640 17-3	4240	4240	4240	4240
	35																
	$V_1 : V_R$	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	47.9	50.0	50.0	50.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	47.6	50.0	50.0	50.0	48.6	50.0	50.0	50.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	47.2	50.0	50.0	50.0	47.8	4920	4920	4920	49.3	50.0	50.0	50.0	4920	4920	4920	4920
	15	46.1	49.8	50.0	50.0	47.1	4750	4750	4750	48.2	50.0	50.0	50.0	4750	4750	4750	4750
	20	44.8	48.3	49.7	50.0	4580	4580	4580	4580	46.7	50.0	50.0	50.0	4580	4580	4580	4580
	25	43.5	46.9	48.2	4830	4410	4410	4410	4410	45.4	4830	4830	4830	4410	4410	4410	4410
	30	42.2	45.5	4640	4640	4240	4240	4240	4240	44.1	4640	4640	4640	4240	4240	4240	4240
	35																
	$V_1 : V_R$	0.94	0.96	0.97	0.98	0.96	1.00	1.00	1.00	0.90	0.93	0.95	0.96	0.94	0.98	0.99	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	46.5	50.0	50.0	50.0	47.9	50.0	50.0	50.0	48.7	50.0	50.0	50.0	49.9	50.0	50.0	50.0
	5	46.2	49.8	50.0	50.0	47.2	50.0	50.0	50.0	48.3	50.0	50.0	50.0	49.2	50.0	50.0	50.0
	10	45.9	49.4	50.0	50.0	46.5	4920	4920	4920	48.0	50.0	50.0	50.0	48.4	4920	4920	4920
	15	44.8	48.3	49.6	50.0	45.8	4750	4750	4750	46.9	50.0	50.0	50.0	4750	4750	4750	4750
	20	43.5	46.9	48.2	49.4	45.0	4580	4580	4580	45.5	48.8	50.0	50.0	4580	4580	4580	4580
	25	42.2	45.5	46.8	48.0	43.7	4410	4410	4410	44.2	47.4	4830	4830	4410	4410	4410	4410
	30	41.0	44.2	45.4	4640	42.4	4240	4240	4240	42.9	46.0	4640	4640	4240	4240	4240	4240
	35																
	$V_1 : V_R$	0.90	0.92	0.93	0.94	0.92	0.96	0.97	0.97	0.86	0.90	0.91	0.92	0.89	0.94	0.95	0.96
10 mm slush or standing water	OAT [°C] 0	42.8	46.3	47.7	49.0	44.1	47.7	49.0	50.0	44.6	48.1	49.4	50.0	45.8	49.4	50.0	50.0
	5	42.5	46.0	47.3	48.6	43.5	47.0	48.2	49.5	44.3	47.7	49.1	50.0	45.1	48.6	49.9	50.0
	10	42.2	45.7	47.0	48.3	42.8	46.3	47.5	48.7	44.0	47.4	48.7	50.0	44.4	47.9	49.1	4920
	15	41.2	44.6	45.9	47.2	42.2	45.6	46.8	4750	43.0	46.3	47.6	48.8	43.8	47.2	4750	4750
	20	40.0	43.3	44.6	45.8	41.5	44.8	4580	4580	41.7	45.0	46.2	47.4	43.0	4580	4580	4580
	25	-	42.1	43.3	44.4	40.2	43.5	4410	4410	40.5	43.7	44.8	46.0	41.8	4410	4410	4410
	30	-	40.8	42.0	43.2	39.1	42.2	4240	4240	39.3	42.4	43.5	44.7	40.5	4240	4240	4240
	35																
	$V_1 : V_R$	0.89	0.92	0.93	0.93	0 91	0.94	0.95	0.96	0.86	0.89	0.90	0.91	0.98	0.92	0.93	0.94
10-50mm dry snow		44.9	48.4	49.7	50.0	46.2	49.8	50.0	50.0	47.2	50.0	50.0	50.0	48.3	50.0	50.0	50.0
	$V_1 : V_R$	0.84	0.87	0.88	0.89	0.86	0.90	0.91	0.92	0.81	0.84	0.85	0.86	0.83	0.89	0.89	0.90

location			LONDON													
			U.K.				GATWICK				EGKK					
RWY	elev.[m]		26				62				08				62	
slope	stength		< 0,5				LCG II				<0,5				LCG II	
TORA	[m]		3098								3159					
TODA			3250								3311					
ASDA			3159								3233					
LDA			2831								2766					
flaps			10°				20°				10°				20°	
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4900	4900	4900	4900	50.0	50.0	50.0	50.0	4900	4900	4900	4900
		20	49.0	50.0	50.0	50.0	4730	4730	4730	4730	49.5	50.0	50.0	50.0	4730	4730	4730	4730
		25	47.5	50.0	50.0	50.0	4560	4560	4560	4560	48.0	50.0	50.0	50.0	4560	4560	4560	4560
		30	46.1	4810 10-1	4810 06-2	4810 06-2	4380	4380	4380	4380	46.6	4810 06-2	4810 06-2	4810 06-2	4380	4380	4380	4380
		35	44.8	4620 09-2	4620 15-3	4620 20-3	4210	4210	4210	4210	45.3	4620 14-2	4620 20-3	4620 20-3	4210	4210	4210	4210
	$V_1 : V_R$		0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	48.6	50.0	50.0	50.0	49.3	50.0	50.0	50.0	49.2	50.0	50.0	50.0	49.9	50.0	50.0	50.0
		15	48.4	50.0	50.0	50.0	48.7	4900	4900	4900	48.9	50.0	50.0	50.0	4900	4900	4900	4900
		20	47.0	50.0	50.0	50.0	4730	4730	4730	4730	47.5	50.0	50.0	50.0	4730	4730	4730	4730
		25	45.6	49.1	50.0	50.0	4560	4560	4560	4560	46.1	49.6	50.0	50.0	4560	4560	4560	4560
		30	44.3	47.7	4810	4810	4380	4380	4380	4380	44.8	4810	4810	4810	4380	4380	4380	4380
		35	43.0	4620	4620	4620	4210	4210	4210	4210	43.5	4620	4620	4620	4210	4210	4210	4210
	$V_1 : V_R$		0.91	0.94	0.95	0.96	0.94	0.98	0.98	0.99	0.91	0.94	0.95	0.96	0.94	0.98	0.99	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	47.9	50.0	50.0	50.0	49.3	50.0	50.0	50.0	48.4	50.0	50.0	50.0	49.8	50.0	50.0	50.0
		5	47.6	50.0	50.0	50.0	48.6	50.0	50.0	50.0	48.1	50.0	50.0	50.0	49.1	50.0	50.0	50.0
		10	47.3	50.0	50.0	50.0	48.0	50.0	50.0	50.0	47.8	50.0	50.0	50.0	48.5	50.0	50.0	50.0
		15	47.1	50.0	50.0	50.0	47.4	4900	4900	4900	47.6	50.0	50.0	50.0	47.9	4900	4900	4900
		20	45.8	49.2	50.0	50.0	46.8	4730	4730	4730	46.2	49.7	50.0	50.0	47.3	4730	4730	4730
		25	44.4	47.8	49.0	50.0	4560	4560	4560	4560	44.9	48.2	49.5	50.0	4560	4560	4560	4560
		30	43.1	46.4	47.6	4810	4380	4380	4380	4380	43.6	46.8	48.1	4810	4380	4380	4380	4380
		35	41.9	45.0	4620	4620	4210	4210	4210	4210	42.3	45.5	4620	4620	4210	4210	4210	4210
	$V_1 : V_R$		0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95	0.87	0.90	0.91	0.93	0.90	0.94	0.95	0.96
10 mm slush or standing water	OAT [°C]	0	43.9	47.5	48.8	50.0	45.3	48.9	50.0	50.0	44.4	48.0	49.3	50.0	45.8	49.4	50.0	50.0
		5	43.7	47.2	48.6	49.9	44.7	48.3	49.6	50.0	44.1	47.7	49.0	50.0	45.2	48.8	50.0	50.0
		10	43.4	47.0	48.3	49.6	44.2	47.7	48.9	50.0	43.9	47.4	48.8	50.0	44.6	48.1	49.4	50.0
		15	43.2	46.7	48.0	49.3	43.6	47.0	48.3	4900	43.6	47.1	48.5	49.8	44.0	47.5	48.8	4900
		20	42.0	45.4	46.7	47.9	43.0	46.4	4730	4730	42.4	45.8	47.1	48.4	43.5	46.9	4730	4730
		25	40.8	44.1	45.3	46.5	42.2	45.6	4560	4560	41.2	44.5	45.7	47.0	42.6	4560	4560	4560
		30	39.6	42.8	44.0	45.1	41.0	4380	4380	4380	40.0	43.2	44.4	45.6	41.4	4380	4380	4380
		35	----	41.5	42.7	43.8	39.8	4210	4210	4210	----	41.9	43.1	44.3	40.2	4210	4210	4210
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.87	0.90	0.91	0.92	0.89	0.92	0.93	0.94
10-50mm dry snow			46.4	49.8	50.0	50.0	47.6	50.0	50.0	50.0	46.8	50.0	50.0	50.0	48.1	50.0	50.0	50.0
	$V_1 : V_R$		0.81	0.85	0.86	0.87	0.83	0.88	0.89	0.90	0.82	0.85	0.86	0.87	0.84	0.88	0.89	0.91

location			LONDON															
			U.K.				HEATHROW APT.				EGLL							
RWY	elev.[m]		10L/28R				24				10R/28L				24			
slope	stength		< 0,5				LCG II				< 0,5				LCG II			
TORA	[m]		3902								3658							
TODA			3902								3658							
ASDA			3902								3658							
LDA			10L: 3597				28R: 3902				10R: 3353				28L: 3658			
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
		20	50.0	50.0	50.0	50.0	4750	4750	4750	4750	50.0	50.0	50.0	50.0	4750	4750	4750	4750
		25	50.0	50.0	50.0	50.0	4570	4570	4570	4570	50.0	50.0	50.0	50.0	4570	4570	4570	4570
		30	4830	4830	4830	4830	4400	4400	4400	4400	4830	4830	4830	4830	4400	4400	4400	4400
			04-2	04-2	04-2	04-2					08-1	04-2	04-2	04-2				
		35	4640	4640	4640	4640	4230	4230	4230	4230	4640	4640	4640	4640	4230	4230	4230	4230
			16-3	18-3	18-3	18-3					07-2	18-3	18-3	18-3				
	$V_1 : V_R$		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
		20	50.0	50.0	50.0	50.0	4750	4750	4750	4750	50.0	50.0	50.0	50.0	4750	4750	4750	4750
		25	50.0	50.0	50.0	50.0	4570	4570	4570	4570	49.0	50.0	50.0	50.0	4570	4570	4570	4570
		30	4830	4830	4830	4830	4400	4400	4400	4400	47.6	4830	4830	4830	4400	4400	4400	4400
		35	4640	4640	4640	4640	4230	4230	4230	4230	46.2	4640	4640	4640	4230	4230	4230	4230
	$V_1 : V_R$		0.94	0.97	0.98	0.99	0.98	1.00	1.00	1.00	0.93	0.96	0.97	0.99	0.97	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	50.0	50.0	50.0	50.0	4920	4920	4920	4920
		20	50.0	50.0	50.0	50.0	4750	4750	4750	4750	49.1	50.0	50.0	50.0	4750	4750	4750	4750
		25	49.2	50.0	50.0	50.0	4570	4570	4570	4570	47.6	50.0	50.0	50.0	4570	4570	4570	4570
		30	47.7	4830	4830	4830	4400	4400	4400	4400	46.2	4830	4830	4830	4400	4400	4400	4400
		35	46.4	4640	4640	4640	4230	4230	4230	4230	44.9	4640	4640	4640	4230	4230	4230	4230
	$V_1 : V_R$		0.90	0.93	0.94	0.95	0.94	0.98	0.99	1.00	0.89	0.92	0.94	0.95	0.92	0.97	0.98	0.99
10 mm slush or standing water	OAT [°C]	0	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.1	50.0	50.0	50.0	48.4	50.0	50.0	50.0
		5	48.4	50.0	50.0	50.0	49.4	50.0	50.0	50.0	46.8	50.0	50.0	50.0	47.8	50.0	50.0	50.0
		10	48.1	50.0	50.0	50.0	48.8	50.0	50.0	50.0	46.5	50.0	50.0	50.0	47.2	50.0	50.0	50.0
		15	47.8	50.0	50.0	50.0	48.2	4920	4920	4920	46.3	49.9	50.0	50.0	46.6	4920	4920	4920
		20	46.6	50.0	50.0	50.0	4750	4750	4750	4750	45.1	48.6	49.9	50.0	46.0	4750	4750	4750
		25	45.2	48.7	50.0	50.0	4570	4570	4570	4570	43.8	47.2	48.5	49.7	45.2	4570	4570	4570
		30	43.9	47.2	4830	4830	4400	4400	4400	4400	42.5	45.8	47.0	48.3	43.9	4400	4400	4400
		35	42.6	45.9	4640	4640	4230	4230	4230	4230	41.3	44.5	45.7	4640	4230	4230	4230	4230
	$V_1 : V_R$		0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.97	0.89	0.91	0.92	0.93	0.91	0.95	0.95	0.96
10-50mm dry snow			50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	$V_1 : V_R$		0.84	0.88	0.89	0.90	0.88	0.92	0.94	0.95	0.84	0.87	0.88	0.89	0.86	0.91	0.92	0.93

location			LONDON															
			U.K.				STANSTED				EGSS							
RWY	elev.[m]		23				106				05				106			
slope	stength		<0,5				PCN86 R/C/W/T				<0,5				PCN86 R/C/W/T			
TORA	[m]		2936								3048							
TODA			3078								3176							
ASDA			2936								3048							
LDA			2936								3048							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	48.8	50.0	50.0	50.0	49.5	50.0	50.0	50.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	48.5	50.0	50.0	50.0	4880	4880	4880	4880	49.4	50.0	50.0	50.0	4880	4880	4880	4880
		20	47.1	50.0	50.0	50.0	4710	4710	4710	4710	47.9	50.0	50.0	50.0	4710	4710	4710	4710
		25	45.7	49.3	4990	4990	4540	4540	4540	4540	46.5	4990	4990	4990	4540	4540	4540	4540
		30	44.3	47.8	4790 07-1	4790 08-2	4360	4360	4360	4360	45.2	4790 02-1	4790 08-2	4790 08-2	4360	4360	4360	4360
		35	43.1	4600	4600 06-2	4600 12-3	4190	4190	4190	4190	43.8	4600 07-1	4600 14-2	4600 20-3	4190	4190	4190	4190
	$V_1 : V_R$		0.95	0.98	0.99	1.00	0.98	1.00	1.00	1.00	0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	47.5	50.0	50.0	50.0	48.9	50.0	50.0	50.0	48.4	50.0	50.0	50.0	49.7	50.0	50.0	50.0
		5	47.2	50.0	50.0	50.0	48.2	50.0	50.0	50.0	48.1	50.0	50.0	50.0	49.1	50.0	50.0	50.0
		10	46.9	50.0	50.0	50.0	47.6	50.0	50.0	50.0	47.8	50.0	50.0	50.0	48.4	50.0	50.0	50.0
		15	46.6	50.0	50.0	50.0	47.0	4880	4880	4880	47.5	50.0	50.0	50.0	47.8	4880	4880	4880
		20	45.3	48.8	50.0	50.0	46.4	4710	4710	4710	46.1	49.6	50.0	50.0	4710	4710	4710	4710
		25	43.9	47.3	48.6	4990	4540	4540	4540	4540	44.7	48.1	49.4	4990	4540	4540	4540	4540
		30	42.7	46.0	47.2	4790	4360	4360	4360	4360	43.4	46.7	4790	4790	4360	4360	4360	4360
		35	41.4	44.6	45.8	4600	4190	4190	4190	4190	42.1	45.4	4600	4600	4190	4190	4190	4190
	$V_1 : V_R$		0.90	0.93	0.94	0.95	0.92	0.96	0.97	0.98	0.90	0.93	0.94	0.95	0.93	0.97	0.98	0.99
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	46.3	49.9	50.0	50.0	47.6	50.0	50.0	50.0	47.1	50.0	50.0	50.0	48.4	50.0	50.0	50.0
		5	46.0	49.6	50.0	50.0	47.0	50.0	50.0	50.0	46.8	50.0	50.0	50.0	47.8	50.0	50.0	50.0
		10	45.7	49.3	50.0	50.0	46.4	50.0	50.0	50.0	46.5	50.0	50.0	50.0	47.2	50.0	50.0	50.0
		15	45.4	48.9	50.0	50.0	45.8	4880	4880	4880	46.2	49.7	50.0	50.0	46.5	4880	4880	4880
		20	44.1	47.5	48.8	50.0	45.2	4710	4710	4710	44.9	48.3	49.6	50.0	45.9	4710	4710	4710
		25	42.8	46.1	47.3	48.5	44.2	4540	4540	4540	43.5	46.8	48.1	49.3	45.0	4540	4540	4540
		30	41.6	44.7	45.9	47.1	42.9	4360	4360	4360	42.3	45.5	46.7	47.9	4360	4360	4360	4360
		35	40.4	43.5	44.6	45.7	41.7	4190	4190	4190	41.1	44.2	45.3	4600	4190	4190	4190	4190
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.86	0.89	0.90	0.91	0.89	0.93	0.94	0.95
10 mm slush or standing water	OAT [°C]	0	42.5	46.0	47.3	48.5	43.9	47.3	48.6	49.9	43.2	46.7	48.0	49.3	44.6	48.1	49.4	50.0
		5	42.2	45.7	47.0	48.3	43.3	46.7	48.0	49.2	42.9	46.4	47.8	49.0	44.0	47.5	48.7	50.0
		10	42.0	45.4	46.7	48.0	42.7	46.1	47.3	48.6	42.7	46.2	47.5	48.7	43.4	46.8	48.1	49.3
		15	41.7	45.1	46.4	47.6	42.2	45.5	46.7	47.9	42.4	45.9	47.1	48.4	42.9	46.2	47.5	48.7
		20	40.5	43.8	45.0	46.2	41.6	44.9	46.1	4710	41.2	44.5	45.8	47.0	42.3	45.6	46.8	4710
		25	39.3	42.5	43.7	44.9	40.8	44.0	45.1	4540	40.0	43.2	44.4	45.6	41.4	44.7	4540	4540
		30	----	41.3	42.4	43.6	39.6	42.7	4360	4360	----	41.9	43.1	44.3	40.2	43.4	4360	4360
		35	----	40.1	41.2	42.3	----	41.4	4190	4190	----	40.7	41.9	43.0	39.0	4190	4190	4190
	$V_1 : V_R$		0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93	0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93
10-50mm dry snow			44.9	48.3	49.6	50.0	46.1	49.6	50.0	50.0	45.6	49.0	50.0	50.0	46.9	50.0	50.0	50.0
	$V_1 : V_R$		0.80	0.83	0.85	0.86	0.82	0.86	0.87	0.89	0.80	0.84	0.85	0.86	0.83	0.87	0.88	0.89

location		LVOV USSR				LVOV APT.				UKLL			
RWY	elev.[m]	13/31				326							
slope	stength	< 0,5				PCN7 R/C/X/T							
TORA	[m]	2510											
TODA	[m]	2610											
ASDA	[m]	2610											
LDA	[m]	2510											

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	45.1	48.9	50.0	50.0	46.5	50.0	50.0	50.0								
	5	44.8	48.6	50.0	50.0	45.8	49.7	50.0	50.0								
	10	44.5	48.2	49.7	50.0	45.1	49.0	4950	4950								
	15	43.6	47.3	48.7	50.0	44.4	4780	4780	4780								
	20	42.4	45.9	47.3	48.6	43.8	4610	4610	4610								
	25	41.1	44.6	45.9	47.2	42.5	4440	4440	4440								
	30	40.0	43.3	44.6	45.8	41.3	4270	4270	4270								
	35	----	42.1	43.3	44.5	40.1	4100	4100	4100								
	$V_1 : V_R$	0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	43.4	47.0	48.4	49.7	44.8	48.4	49.7	50.0								
	5	43.1	46.7	48.0	49.4	44.1	47.7	49.0	50.0								
	10	42.8	46.4	47.7	49.0	43.5	47.0	48.3	4950								
	15	42.0	45.5	46.8	48.1	42.9	46.3	47.6	4780								
	20	40.8	44.1	45.4	46.7	42.2	45.7	4610	4610								
	25	39.6	42.9	44.1	45.3	41.0	44.3	4440	4440								
	30	----	41.6	42.8	44.0	39.8	4270	4270	4270								
	35	----	40.4	41.6	42.7	----	4100	4100	4100								
	$V_1 : V_R$	0.90	0.92	0.93	0.94	0.92	0.95	0.96	0.97								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	42.3	45.8	47.1	48.4	43.7	47.2	48.4	49.7								
	5	42.1	45.5	46.8	48.0	43.1	46.5	47.7	48.9								
	10	41.8	45.2	46.4	47.7	42.5	45.8	47.0	48.2								
	15	41.0	44.3	45.5	46.8	41.8	45.1	46.3	47.5								
	20	39.8	43.0	44.2	45.4	41.2	44.5	45.6	4610								
	25	----	41.7	42.9	44.1	40.0	43.2	44.3	4440								
	30	----	40.5	41.7	42.8	----	41.9	4270	4270								
	35	----	39.4	40.5	41.6	----	40.7	4100	4100								
	$V_1 : V_R$	0.86	0.89	0.90	0.90	0.88	0.91	0.92	0.93								
10 mm slush or standing water	OAT [°C] 0	----	42.2	43.4	44.7	40.4	43.6	44.8	46.0								
	5	----	41.9	43.1	44.3	39.8	43.0	44.1	45.3								
	10	----	41.6	42.8	44.0	39.2	42.3	43.5	44.7								
	15	----	40.8	42.0	43.2	----	41.7	42.9	44.0								
	20	----	39.6	40.8	41.9	----	41.1	42.2	43.4								
	25	----	----	39.6	40.7	----	39.9	41.0	42.1								
	30	----	----	----	39.5	----	----	39.8	40.9								
	35	----	----	----	----	----	----	----	39.7								
	$V_1 : V_R$	0.84	0.88	0.89	0.90	0.86	0.90	0.91	0.92								
10-50mm dry snow		41.1	44.4	45.6	46.8	42.5	45.7	46.9	48.2								
	$V_1 : V_R$	0.80	0.83	0.84	0.85	0.81	0.85	0.87	0.88								

location		MALMO			
		SWEDEN	STURUP		ESMS
RWY	elev.[m]	17/35	72		
slope	stength	<0,5	PCN97 F/B/X/T		
TORA	[m]	2800			
TODA	[m]	2800			
ASDA	[m]	2800			
LDA	[m]	2800			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	47.7	50.0	50.0	50.0	48.2	50.0	50.0	50.0								
		5	47.4	50.0	50.0	50.0	48.0	50.0	50.0	50.0								
		10	47.1	50.0	50.0	50.0	47.7	50.0	50.0	50.0								
		15	46.8	50.0	50.0	50.0	47.4	50.0	50.0	50.0								
		20	45.5	49.3	50.0	50.0	46.2	50.0	50.0	50.0								
		25	44.2	47.8	49.2	50.0	45.0	48.8	49.9	50.0								
		30	42.9	46.4	47.7	4810 04-1	43.8	47.5	4810	4810								
		35	41.6	45.1	4610	4610 09-1	42.6	4610	4610	4610								
	$V_1 : V_R$		0.96	0.98	0.99	1.00	0.96	0.98	0.98	0.99								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	45.8	49.5	50.0	50.0	46.4	50.0	50.0	50.0								
		5	45.6	49.2	50.0	50.0	46.1	49.9	50.0	50.0								
		10	45.3	49.0	50.0	50.0	45.9	49.7	50.0	50.0								
		15	45.0	48.7	50.0	50.0	45.6	49.4	50.0	50.0								
		20	43.8	47.3	48.6	49.9	44.5	48.1	49.3	50.0								
		25	42.5	45.9	47.2	48.5	43.3	46.8	48.0	49.1								
		30	41.2	44.6	45.8	47.0	42.2	45.6	46.8	47.9								
		35	40.0	43.3	44.5	45.7	41.0	44.4	45.5	4610								
	$V_1 : V_R$		0.90	0.93	0.94	0.95	0.90	0.93	0.94	0.94								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	44.6	48.2	49.5	50.0	45.2	48.8	50.0	50.0								
		5	44.4	47.9	49.3	50.0	45.0	48.6	49.8	50.0								
		10	44.1	47.6	49.0	50.0	44.7	48.3	49.6	50.0								
		15	43.9	47.4	48.7	50.0	44.5	48.1	49.3	50.0								
		20	42.6	46.0	47.3	48.5	43.3	46.8	48.0	49.2								
		25	41.4	44.7	45.9	47.1	42.2	45.6	46.8	47.9								
		30	40.2	43.4	44.6	45.7	41.1	44.4	45.6	46.7								
		35	39.0	42.1	43.3	44.4	40.0	43.2	44.3	45.3								
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.86	0.89	0.90	0.91								
10 mm slush or standing water	OAT [°C]	0	40.9	44.4	45.7	47.0	41.4	45.0	46.2	47.5								
		5	40.7	44.1	45.4	46.7	41.2	44.7	46.0	47.2								
		10	40.5	43.9	45.2	46.4	41.0	44.5	45.7	47.0								
		15	40.2	43.6	44.9	46.1	40.8	44.2	45.5	46.7								
		20	39.1	42.4	43.6	44.8	39.7	43.1	44.3	45.5								
		25	----	41.2	42.4	43.5	----	42.0	43.2	44.3								
		30	----	40.0	41.1	42.3	----	40.9	42.1	43.2								
		35	----	----	39.9	41.0	----	39.8	40.9	42.0								
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.86	0.89	0.90	0.90								
10-50mm dry snow	$V_1 : V_R$		43.2	46.6	47.9	49.2	43.8	47.3	48.5	49.8								
			0.80	0.84	0.85	0.86	0.80	0.84	0.85	0.86								

location			MALTA													
			MALTA I.				LUQA APT.				LMML					
RWY	elev.[m]		24				91				06				91	
slope	stength		0,64 uphill				LCN75				0,64 downhill				LCN75	
TORA	[m]		2377								2377					
TODA			2377								2377					
ASDA			2377								2377					
LDA			2377								2377					
flaps			10°				20°				10°				20°	
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	43.0	46.8	48.3	49.7	44.4	48.2	49.5	50.0	44.3	48.0	49.5	50.0	45.6	49.4	50.0	50.0
		5	42.8	46.5	48.0	49.4	43.8	47.6	48.8	50.0	44.0	47.8	49.2	50.0	45.0	48.8	50.0	50.0
		10	42.5	46.3	47.7	49.1	43.2	47.0	48.2	49.4	43.8	47.5	48.9	50.0	44.4	48.1	49.4	50.0
		15	42.3	46.0	47.4	48.8	42.7	46.3	47.6	48.8	43.5	47.2	48.6	50.0	43.8	47.5	48.7	4890
		20	41.0	44.7	46.0	47.4	42.1	45.7	47.0	4720	42.2	45.8	47.2	48.5	43.2	46.9	4720	4720
		25	39.9	43.3	44.7	46.0	41.3	44.8	4540	4540	41.0	44.5	45.8	47.1	42.4	4540	4540	4540
		30	----	42.1	43.4	44.6	40.1	43.5	4370	4370	39.8	43.2	44.4	45.7	41.1	4370	4370	4370
		35	----	40.9	42.1	43.3	----	4200	4200	4200	----	41.9	43.2	44.4	39.9	4200	4200	4200
	$V_1 : V_R$		0.96	0.98	0.98	0.99	0.97	1.00	1.00	1.00	0.93	0.95	0.96	0.97	0.95	0.98	0.99	0.99
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	41.5	45.0	46.4	47.7	42.9	46.4	47.7	48.9	42.7	46.3	47.6	49.0	44.0	47.6	48.9	50.0
		5	41.2	44.8	46.1	47.4	42.3	45.8	47.0	48.3	42.5	46.0	47.4	48.7	43.5	47.0	48.2	49.5
		10	41.0	44.5	45.8	47.1	41.8	45.2	46.4	47.7	42.2	45.8	47.1	48.4	42.9	46.4	47.6	48.8
		15	40.7	44.2	45.6	46.9	41.2	44.6	45.8	47.0	42.0	45.5	46.8	48.1	42.4	45.8	47.0	48.2
		20	39.6	43.0	44.2	45.5	40.7	44.0	45.2	46.4	40.8	44.2	45.4	46.7	41.8	45.2	46.4	4720
		25	----	41.7	42.9	44.2	39.9	43.2	44.3	4540	39.6	42.9	44.1	45.3	41.0	44.3	4540	4540
		30	----	40.5	41.7	42.9	----	41.9	43.0	4370	----	41.6	42.8	44.0	39.8	43.0	4370	4370
		35	----	39.3	40.5	41.6	----	40.7	41.8	4200	----	40.4	41.6	42.7	----	41.7	4200	4200
	$V_1 : V_R$		0.90	0.93	0.93	0.94	0.92	0.95	0.96	0.96	0.88	0.90	0.91	0.92	0.90	0.93	0.94	0.95
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	40.4	43.9	45.2	46.4	41.9	45.2	46.5	47.7	41.7	45.2	46.5	47.7	43.1	46.4	47.7	49.0
		5	40.2	43.6	44.9	46.2	41.4	44.7	45.9	47.1	41.5	44.9	46.2	47.4	42.5	45.8	47.1	48.3
		10	40.0	43.4	44.6	45.9	40.8	44.1	45.3	46.5	41.3	44.6	45.9	47.1	42.0	45.2	46.5	47.7
		15	39.7	43.1	44.4	45.6	40.3	43.5	44.7	45.9	41.0	44.4	45.6	46.9	41.4	44.7	45.9	47.1
		20	----	41.9	43.1	44.3	39.8	43.0	44.1	45.3	39.8	43.1	44.3	45.5	40.9	44.1	45.3	46.4
		25	----	40.6	41.8	43.0	39.0	42:1	43.2	44.4	----	41.8	43.0	44.2	40.1	43.2	44.4	4540
		30	----	39.5	40.6	41.7	----	40.9	42.0	43.1	----	40.6	41.8	42.9	----	41.9	43.1	4370
		35	----	----	39.4	40.5	----	39.7	40.7	41.8	----	39.4	40.6	41.6	----	40.7	41.8	4200
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.87	0.91	0.92	0.93	0.83	0.87	0.88	0.88	0.85	0.89	0.90	0.91
10 mm slush or standing water	OAT [°C]	0																
		5	----	40.5	41.7	42.9	----	42.0	43.2	44.3	----	41.5	42.8	44.0	39.8	42.9	44.1	45.3
		10	----	40.3	41.5	42.7	----	41.4	42.6	43.8	----	41.3	42.5	43.7	39.3	42.4	43.6	44.8
		15	----	40.0	41.2	42.4	----	40.9	42.1	43.2	----	41.1	42.3	43.5	----	41.8	43.0	44.2
		20	----	39.8	41.0	42.2	----	40.4	41.5	42.6	----	40.8	42.0	43.2	----	41.3	42.5	43.6
		25	----	----	39.8	41.0	----	39.9	41.0	42.1	----	39.6	40.8	42.0	----	40.8	41.9	43.0
		30	----	----	----	39.8	----	39.1	40.2	41.3	----	----	39.6	40.7	----	40.0	41.1	42.2
		35	----	----	----	----	----	----	----	40.0	----	----	----	39.6	----	----	39.9	40.9
	$V_1 : V_R$						----	----	----	----	----	----	----	----	----	----	----	39.7
			0.85	0.89	0.89	0.90	0.87	0.90	0.91	0.93	0.83	0.86	0.87	0.88	0.85	0.88	0.90	0.91
10-50mm dry snow			39.3	42.5	43.8	45.0	40.8	43.9	45.1	46.3	40.6	43.9	45.1	46.3	41.9	45.1	46.3	47.6
	$V_1 : V_R$		0.79	0.83	0.84	0.85	0.81	0.85	0.87	0.88	0.77	0.81	0.82	0.83	0.79	0.83	0.85	0.86

location			MALTA															
			MALTA I.						LUQA APT.				LMML					
RWY	elev.[m]		32				91				14				91			
slope	stength		<0,5				LCN100				<0,5				LCN100			
TORA	[m]		3544								3544							
TODA			3544								3744							
ASDA			3544								3744							
LDA			3544								3355							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ>0,65	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890	50.0	50.0	50.0	50.0	4890	4890	4890	4890
		20	50.0	50.0	50.0	50.0	4720	4720	4720	4720	50.0	50.0	50.0	50.0	4720	4720	4720	4720
		25	4990	4990	4990	4990	4540	4540	4540	4540	49.9	4990	4990	4990	4540	4540	4540	4540
		30	4800 06-2	4800 08-2	4800 08-2	4800 08-2	4370	4370	4370	4370	4800	4800 08-2	4800 08-2	4800 08-2	4370	4370	4370	4370
		35	4600 12-2	4600 21-3	4600 21-3	4600 21-3	4200	4200	4200	4200	4600 04-1	4600 21-3	4600 21-3	4600 21-3	4200	4200	4200	4200
		V_1:V_R	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890	50.0	50.0	50.0	50.0	4890	4890	4890	4890
		20	50.0	50.0	50.0	50.0	4720	4720	4720	4720	49.3	50.0	50.0	50.0	4720	4720	4720	4720
		25	49.2	4990	4990	4990	4540	4540	4540	4540	47.8	4990	4990	4990	4540	4540	4540	4540
		30	47.7	4800	4800	4800	4370	4370	4370	4370	46.4	4800	4800	4800	4370	4370	4370	4370
		35	4600	4600	4600	4600	4200	4200	4200	4200	45.1	4600	4600	4600	4200	4200	4200	4200
		V_1:V_R	0.94	0.97	0.98	0.99	0.97	1.00	1.00	1.00	0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890	49.3	50.0	50.0	50.0	4890	4890	4890	4890
		20	49.2	50.0	50.0	50.0	4720	4720	4720	4720	47.9	50.0	50.0	50.0	4720	4720	4720	4720
		25	47.8	4990	4990	4990	4540	4540	4540	4540	46.5	49.9	4990	4990	4540	4540	4540	4540
		30	46.4	4800	4800	4800	4370	4370	4370	4370	45.1	4800	4800	4800	4370	4370	4370	4370
		35	45.0	4600	4600	4600	4200	4200	4200	4200	43.8	4600	4600	4600	4200	4200	4200	4200
		V_1:V_R	0.90	0.93	0.94	0.95	0.93	0.97	0.98	0.99	0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.98
10 mm slush or standing water	OAT [°C]	0	47.4	50.0	50.0	50.0	48.8	50.0	50.0	50.0	46.1	49.8	50.0	50.0	47.5	50.0	50.0	50.0
		5	47.2	50.0	50.0	50.0	48.2	50.0	50.0	50.0	45.8	49.5	50.0	50.0	46.8	50.0	50.0	50.0
		10	46.9	50.0	50.0	50.0	47.5	50.0	50.0	50.0	45.6	49.2	50.0	50.0	46.2	49.9	50.0	50.0
		15	46.6	50.0	50.0	50.0	46.9	4890	4890	4890	45.3	48.9	50.0	50.0	45.6	4890	4890	4890
		20	45.2	48.7	50.0	50.0	46.3	4720	4720	4720	44.0	47.4	48.7	50.0	45.0	4720	4720	4720
		25	43.9	47.3	48.6	49.8	45.4	4540	4540	4540	42.7	46.0	47.3	48.5	44.1	4540	4540	4540
		30	42.6	45.9	47.1	4800	4370	4370	4370	4370	41.5	44.7	45.9	47.1	42.8	4370	4370	4370
		35	41.4	44.6	45.8	4600	4200	4200	4200	4200	40.3	43.4	44.6	45.8	41.6	4200	4200	4200
		V_1:V_R	0.89	0.92	0.93	0.94	0.91	0.95	0.96	0.97	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96
10-50mm dry snow			49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.5	50.0	50.0	50.0	49.9	50.0	50.0	50.0
		V_1:V_R	0.84	0.87	0.88	0.89	0.87	0.91	0.93	0.94	0.83	0.87	0.88	0.89	0.86	0.90	0.91	0.93

location			MANCHESTER															
			U.K.				MANCHESTER INT'L EGCC											
RWY	elev.[m]		24				78				06				78			
slope	stength		<0,5				LCG III				<0,5				LCG III			
TORA	[m]		3048								3048							
TODA			3200								3231							
ASDA			3048								3048							
LDA			2865								2621							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	49.6	50.0	50.0	50.0	4900	4900	4900	4900	49.7	50.0	50.0	50.0	4900	4900	4900	4900
		20	48.2	50.0	50.0	50.0	4720	4720	4720	4720	48.3	50.0	50.0	50.0	4720	4720	4720	4720
		25	46.8	50.0	50.0	50.0	4550	4550	4550	4550	46.9	50.0	50.0	50.0	4550	4550	4550	4550
		30	45.4	4810	4810	4810	4380	4380	4380	4380	45.5	4810	4810	4810	4380	4380	4380	4380
				03-1	07-2	07-2						04-1	07-2	07-2				
		35	44.1	4610	4610	4610	4200	4200	4200	4200	44.2	4610	4610	4610	4200	4200	4200	4200
				08-1	15-2	21-3						09-1	16-2	21-3				
	$V_1 : V_R$		0.95	0.98	0.99	1.00	0.98	1.00	1.00	1.00	0.95	0.98	0.99	1.00	0.98	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	48.5	50.0	50.0	50.0	49.9	50.0	50.0	50.0	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	48.3	50.0	50.0	50.0	49.3	50.0	50.0	50.0	48.4	50.0	50.0	50.0	49.4	50.0	50.0	50.0
		10	48.0	50.0	50.0	50.0	48.7	50.0	50.0	50.0	48.1	50.0	50.0	50.0	48.8	50.0	50.0	50.0
		15	47.7	50.0	50.0	50.0	48.0	4900	4900	4900	47.8	50.0	50.0	50.0	48.2	4900	4900	4900
		20	46.3	49.9	50.0	50.0	4720	4720	4720	4720	46.5	50.0	50.0	50.0	4720	4720	4720	4720
		25	45.0	48.4	49.7	50.0	4550	4550	4550	4550	45.1	48.5	49.8	50.0	4550	4550	4550	4550
		30	43.7	47.0	4810	4810	4380	4380	4380	4380	43.8	47.1	4810	4810	4380	4380	4380	4380
		35	42.4	45.6	4610	4610	4200	4200	4200	4200	42.5	45.7	4610	4610	4200	4200	4200	4200
	$V_1 : V_R$		0.90	0.93	0.94	0.95	0.93	0.97	0.97	0.98	0.90	0.93	0.94	0.95	0.93	0.96	0.97	0.98
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	47.3	50.0	50.0	50.0	48.6	50.0	50.0	50.0	47.4	50.0	50.0	50.0	48.8	50.0	50.0	50.0
		5	47.0	50.0	50.0	50.0	48.0	50.0	50.0	50.0	47.1	50.0	50.0	50.0	48.1	50.0	50.0	50.0
		10	46.7	50.0	50.0	50.0	47.4	50.0	50.0	50.0	46.9	50.0	50.0	50.0	47.5	50.0	50.0	50.0
		15	46.5	50.0	50.0	50.0	46.8	4900	4900	4900	46.6	50.0	50.0	50.0	46.9	4900	4900	4900
		20	45.1	48.5	49.8	50.0	46.2	4720	4720	4720	45.3	48.7	50.0	50.0	46.3	4720	4720	4720
		25	43.8	47.1	48.4	49.6	45.3	4550	4550	4550	43.9	47.2	48.5	49.7	45.4	4550	4550	4550
		30	42.5	45.7	46.9	4810	4380	4380	4380	4380	42.7	45.9	47.1	4810	4380	4380	4380	4380
		35	41.3	44.4	45.6	4610	4200	4200	4200	4200	41.4	44.5	45.7	4610	4200	4200	4200	4200
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94
10 mm slush or standing water	OAT [°C]	0	43.4	46.9	48.2	49.5	44.7	48.3	49.6	50.0	43.5	47.0	48.4	49.7	44.9	48.4	49.7	50.0
		5	43.1	46.6	47.9	49.2	44.2	47.7	48.9	50.0	43.3	46.8	48.1	49.4	44.3	47.8	49.1	50.0
		10	42.9	46.4	47.7	48.9	43.6	47.0	48.3	49.5	43.0	46.5	47.8	49.1	43.7	47.2	48.4	49.7
		15	42.6	46.1	47.4	48.7	43.0	46.4	47.7	48.9	42.8	46.2	47.5	48.8	43.2	46.6	47.8	4900
		20	41.4	44.8	46.0	47.3	42.5	45.8	47.0	4720	41.5	44.9	46.1	47.4	42.6	46.0	47.2	4720
		25	40.2	43.5	44.7	45.9	41.7	44.9	4550	4550	40.3	43.6	44.8	46.0	41.8	45.1	4550	4550
		30	39.0	42.2	43.4	44.5	40.4	43.6	4380	4380	39.2	42.3	43.5	44.6	40.6	43.7	4380	4380
		35	----	41.0	42.1	43.2	39.3	4200	4200	4200	----	41.1	42.2	43.4	39.4	4200	4200	4200
	$V_1 : V_R$		0.86	0.89	0.90	0.90	0.88	0.91	0.92	0.93	0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93
10-50mm dry snow			45.8	49.2	50.0	50.0	47.1	50.0	50.0	50.0	46.0	49.4	50.0	50.0	47.2	50.0	50.0	50.0
	$V_1 : V_R$		0.80	0.84	0.85	0.86	0.82	0.87	0.88	0.89	0.80	0.84	0.85	0.86	0.82	0.87	0.88	0.89

location			MILAN ITALY	LINATE APT LIMM		
RWY	elev.[m]		18L/36R	107		
slope	stength		<0,5	SIWL 30 t		
TORA	[m]		2440			
TODA			2500			
ASDA			2440			
LDA			2440			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ>0,65	OAT [°C]	0	44.5	48.3	49.7	50.0	45.8	49.7	50.0	50.0								
		5	44.2	48.0	49.4	50.0	45.2	49.0	50.0	50.0								
		10	43.9	47.7	49.1	50.0	44.6	48.4	49.7	50.0								
		15	43.6	47.4	48.8	50.0	44.0	47.8	4880	4880								
		20	42.4	46.0	47.3	48.7	43.5	4710	4710	4710								
		25	41.1	44.6	45.9	47.2	42.6	4540	4540	4540								
		30	39.9	43.3	44.6	45.9	41.3	4360	4360	4360								
		35	----	42.1	43.3	44.5	40.1	4190	4190	4190								
	$V_1:V_R$		0.94	0.96	0.97	0.98	0.96	0.99	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	42.9	46.5	47.8	49.1	44.3	47.8	49.1	50.0								
		5	42.6	46.2	47.5	48.8	43.7	47.2	48.5	49.7								
		10	42.4	45.9	47.2	48.5	43.1	46.6	47.8	49.1								
		15	42.1	45.6	46.9	48.2	42.6	46.0	47.2	48.4								
		20	40.9	44.3	45.5	46.8	42.0	45.4	46.6	4710								
		25	39.7	43.0	44.2	45.4	41.1	44.4	4540	4540								
		30	----	41.7	42.9	44.1	39.9	43.1	4360	4360								
		35	----	40.5	41.7	42.8	----	41.9	4190	4190								
	$V_1:V_R$		0.89	0.91	0.92	0.93	0.90	0.94	0.95	0.95								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	41.8	45.3	46.6	47.9	43.3	46.7	47.9	49.2								
		5	41.6	45.0	46.3	47.6	42.7	46.0	47.3	48.5								
		10	41.3	44.8	46.0	47.3	42.1	45.4	46.7	47.9								
		15	41.1	44.5	45.7	47.0	41.6	44.8	46.1	47.3								
		20	39.9	43.1	44.4	45.6	41.1	44.3	45.5	46.6								
		25	----	41.9	43.1	44.2	40.2	43.3	44.5	4540								
		30	----	40.7	41.8	43.0	39.0	42.1	43.2	4360								
		35	----	39.5	40.6	41.7	----	40.8	4190	4190								
	$V_1:V_R$		0.84	0.87	0.88	0.89	0.86	0.90	0.91	0.92								
10 mm slush or standing water	OAT [°C]	0	----	41.7	43.0	44.2	40.0	43.2	44.4	45.6								
		5	----	41.5	42.7	43.9	39.5	42.6	43.8	45.0								
		10	----	41.2	42.5	43.7	----	42.1	43.2	44.4								
		15	----	41.0	42.2	43.4	----	41.5	42.7	43.8								
		20	----	39.8	40.9	42.1	----	41.0	42.1	43.2								
		25	----	----	39.8	40.9	----	40.1	41.2	42.4								
		30	----	----	----	39.7	----	----	40.0	41.1								
		35	----	----	----	----	----	----	----	39.9								
	$V_1:V_R$		0.83	0.87	0.88	0.89	0.84	0.89	0.90	0.91								
10-50mm dry snow			40.6	43.9	45.2	46.4	42.1	45.3	46.5	47.7								
	$V_1:V_R$		0.78	0.82	0.83	0.84	0.80	0.84	0.86	0.87								

location		MILAN			
		ITALY MALPENSA		LIMC	
RWY	elev.[m]	35L	234	17R	234
slope	stength	0,58 uphill	SIWL 45,0 t	0,58 downhill	SIWL 45,0 t
TORA	[m]	2625		2625	
TODA	[m]	2745		2625	
ASDA	[m]	2625		2625	
LDA	[m]	2625		2625	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	45.5	49.4	50.0	50.0	46.8	50.0	50.0	50.0	46.2	50.0	50.0	50.0	47.5	50.0	50.0	50.0
	5	45.2	49.0	50.0	50.0	46.2	50.0	50.0	50.0	45.9	49.7	50.0	50.0	46.8	50.0	50.0	50.0
	10	44.9	48.7	50.0	50.0	45.6	49.4	4990	4990	45.6	49.4	50.0	50.0	46.2	4990	4990	4990
	15	44.3	48.0	49.5	50.0	44.9	4820	4820	4820	45.0	48.7	50.0	50.0	45.5	4820	4820	4820
	20	43.0	46.6	48.0	49.3	44.3	4650	4650	4650	43.7	47.2	48.6	49.9	44.9	4650	4650	4650
	25	41.8	45.3	46.6	47.9	43.2	4480	4480	4480	42.4	45.9	47.2	48.5	43.7	4480	4480	4480
	30	40.5	43.9	45.2	46.5	41.9	4310	4310	4310	41.2	44.5	45.8	47.1	42.4	4310	4310	4310
	35	39.4	42.7	43.9	45.2	40.6	4140	4140	4140	40.0	43.3	44.5	4530	41.2	4140	4140	4140
	$V_1 : V_R$	0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00	0.94	0.96	0.97	0.98	0.96	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	43.8	47.4	48.8	50.0	45.2	48.9	50.0	50.0	44.5	48.1	49.5	50.0	45.8	49.5	50.0	50.0
	5	43.5	47.1	48.5	49.8	44.5	48.2	49.4	50.0	44.3	47.8	49.2	50.0	45.2	48.8	50.0	50.0
	10	43.3	46.8	48.2	49.5	43.9	47.5	48.7	4990	44.0	47.5	48.9	50.0	44.5	48.1	49.4	4990
	15	42.6	46.2	47.5	48.8	43.3	46.8	48.1	4820	43.3	46.8	48.2	49.4	43.9	47.4	4820	4820
	20	41.4	44.8	46.1	47.4	42.7	46.2	4650	4650	42.1	45.5	46.7	48.0	43.3	4650	4650	4650
	25	40.2	43.5	44.7	46.0	41.6	4480	4480	4480	40.9	44.1	45.4	46.6	42.2	4480	4480	4480
	30	39.0	42.2	43.4	44.6	40.4	4310	4310	4310	39.7	42.9	44.1	45.2	40.9	4310	4310	4310
	35	----	41.0	42.2	43.3	39.2	4140	4140	4140	----	41.6	42.8	43.9	39.7	4140	4140	4140
	$V_1 : V_R$	0.90	0.92	0.93	0.94	0.92	0.95	0.96	0.97	0.89	0.91	0.92	0.93	0.91	0.94	0.95	0.96
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	42.7	46.2	47.5	48.8	44.1	47.6	48.8	50.0	43.4	46.9	48.2	49.5	44.7	48.2	49.5	50.0
	5	42.4	45.9	47.2	48.5	43.5	46.9	48.1	49.4	43.2	46.6	47.9	49.2	44.1	47.5	48.8	50.0
	10	42.2	45.6	46.9	48.1	42.9	46.2	47.5	48.7	42.9	46.3	47.6	48.8	43.5	46.9	48.1	49.3
	15	41.6	45.0	46.2	47.5	42.3	45.6	46.8	48.0	42.3	45.7	46.9	48.2	42.9	46.2	47.4	4820
	20	40.4	43.6	44.9	46.1	41.7	44.9	46.1	4650	41.1	44.3	45.5	46.7	42.3	45.5	4650	4650
	25	39.2	42.4	43.6	44.7	40.6	43.8	4480	4480	39.9	43.0	44.2	45.4	41.2	44.4	4480	4480
	30	----	41.1	42.3	43.4	39.4	42.5	4310	4310	----	41.8	42.9	44.0	40.0	4310	4310	4310
	35	----	40.0	41.1	42.2	----	41.3	4140	4140	----	40.6	41.7	42.8	----	4140	4140	4140
	$V_1 : V_R$	0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93	0.84	0.87	0.89	0.90	0.87	0.90	0.91	0.92
10 mm slush or standing water	OAT [°C] 0	39.3	42.6	43.9	45.1	40.8	44.0	45.2	46.4	39.8	43.1	44.4	45.6	41.2	44.5	45.7	46.9
	5	39.0	42.3	43.6	44.8	40.2	43.4	44.6	45.8	39.5	42.9	44.1	45.3	40.7	43.9	45.1	46.3
	10	----	42.1	43.3	44.5	39.7	42.8	44.0	45.1	39.3	42.6	43.8	45.0	40.1	43.2	44.4	45.6
	15	----	41.5	42.7	43.9	39.1	42.2	43.4	44.5	----	42.0	43.2	44.4	39.5	42.6	43.8	45.0
	20	----	40.3	41.5	42.6	----	41.6	42.7	43.9	----	40.8	42.0	43.1	----	42.0	43.2	44.3
	25	----	39.1	40.3	41.4	----	40.6	41.7	42.8	----	39.6	40.7	41.9	----	41.0	42.1	43.2
	30	----	----	39.1	40.2	----	39.4	40.4	41.5	----	----	39.6	40.6	----	39.8	40.9	41.9
	35	----	----	----	39.0	----	----	39.3	40.3	----	----	----	39.5	----	----	39.7	40.7
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92	0.83	0.87	0.88	0.89	0.86	0.90	0.91	0.92
10-50mm dry snow		41.4	44.7	46.0	47.2	42.8	46.0	47.3	48.5	42.2	45.5	46.7	47.9	43.4	46.7	47.9	49.2
	$V_1 : V_R$	0.80	0.83	0.84	0.85	0.82	0.86	0.87	0.88	0.78	0.82	0.83	0.84	0.81	0.85	0.86	0.87

location		MILAN															
		ITALY				MALPENSA APT.				LIMC							
RWY	elev.[m]	35R				234				17L				234			
slope	stength	0,6 uphill				SIWL 45 t				0,6 downhill				SIWL 45 t			
TORA	[m]	3915								3915							
TODA		3975								3975							
ASDA		3975								3915							
LDA		3915								3655							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	4990	4990	4990	4990	50.0	50.0	50.0	50.0	4990	4990	4990	4990
	15	50.0	50.0	50.0	50.0	4820	4820	4820	4820	50.0	50.9	50.0	50.0	4820	4820	4820	4820
	20	50.0	50.0	50.0	50.0	4650	4650	4650	4650	50.0	50.0	50.0	50.0	4650	4650	4650	4650
	25	4920	4920	4920	4920	4480	4480	4480	4480	4920	4920	4920	4920	4480	4480	4480	4480
		02-1	02-1	02-1	02-1					02-1	02-1	02-1	02-1				
	30	4720	4720	4720	4720	4310	4310	4310	4310	4720	4720	4720	4720	4310	4310	4310	4310
		13-2	15-2	15-2	15-2					15-2	15-2	15-2	15-2				
	35	4530	4530	4530	4530	4140	4140	4140	4140	4530	4530	4530	4530	4140	4140	4140	4140
		12-3	22-4	22-4	22-4					17-4	22-4	22-4	22-4				
	V_1 : V_R	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	4990	4990	4990	4990	50.0	50.0	50.0	50.0	4990	4990	4990	4990
	15	50.0	50.0	50.0	50.0	4820	4820	4820	4820	50.0	50.0	50.0	50.0	4820	4820	4820	4820
	20	50.0	50.0	50.0	50.0	4650	4650	4650	4650	50.0	50.0	50.0	50.0	4650	4650	4650	4650
	25	49.0	4920	4920	4920	4480	4480	4480	4480	4920	4920	4920	4920	4480	4480	4480	4480
	30	4720	4720	4720	4720	4310	4310	4310	4310	4720	4720	4720	4720	4310	4310	4310	4310
	35	4530	4530	4530	4530	4140	4140	4140	4140	4530	4530	4530	4530	4140	4140	4140	4140
	V_1 : V_R	0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00	0.93	0.96	0.97	0.98	0.97	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	4990	4990	4990	4990	50.0	50.0	50.0	50.0	4990	4990	4990	4990
	15	50.0	50.0	50.0	50.0	4820	4820	4820	4820	50.0	50.0	50.0	50.0	4820	4820	4820	4820
	20	48.9	50.0	50.0	50.0	4650	4650	4650	4650	50.0	50.0	50.0	50.0	4650	4650	4650	4650
	25	47.5	4920	4920	4920	4480	4480	4480	4480	49.1	4920	4920	4920	4480	4480	4480	4480
	30	46.1	4720	4720	4720	4310	4310	4310	4310	4720	4720	4720	4720	4310	4310	4310	4310
	35	44.8	4530	4530	4530	4140	4140	4140	4140	4530	4530	4530	4530	4140	4140	4140	4140
	V_1 : V_R	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00	0.89	0.92	0.93	0.93	0.93	0.98	0.99	1.00
10 mm slush or standing water	OAT [°C] 0	47.7	50.0	50.0	50.0	49.1	50.0	50.0	50.0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	47.4	50.0	50.0	50.0	48.4	50.0	50.0	50.0	48.9	50.0	50.0	50.0	49.8	50.0	50.0	50.0
	10	47.1	50.0	50.0	50.0	47.7	4990	4990	4990	48.5	50.0	50.0	50.0	49.1	4990	4990	4990
	15	46.4	50.0	50.0	50.0	47.1	4820	4820	4820	47.9	50.0	50.0	50.0	4820	4820	4820	4820
	20	45.1	48.5	49.9	50.0	46.4	4650	4650	4650	46.4	49.8	50.0	50.0	4650	4650	4650	4650
	25	43.7	47.1	48.4	4920	4480	4480	4480	4480	45.1	48.4	4920	4920	4480	4480	4480	4480
	30	42.5	45.8	47.0	4720	4310	4310	4310	4310	43.8	47.0	4720	4720	4310	4310	4310	4310
	35	41.3	44.4	4530	4530	4140	4140	4140	4140	42.5	4530	4530	4530	4140	4140	4140	4140
	V_1 : V_R	0.91	0.93	0.94	0.95	0.93	0.97	0.98	0.98	0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.97
10-50mm dry snow		49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	V_1 : V_R	0.86	0.89	0.90	0.91	0.89	0.93	0.95	0.96	0.83	0.86	0.87	0.88	0.87	0.92	0.93	0.95

location		MINSK			
		USSR	MINSK APT.	UMMM	
RWY	elev.[m]	12/30	228		
slope	stength	<0,5	SIWL 10,5 t		
TORA	[m]	2000			
TODA	[m]	2200			
ASDA	[m]	2200			
LDA	[m]	12: 1900	30: 2000		

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	41.4	45.1	46.5	47.9	42.9	46.5	47.7	49.0								
	5	41.1	44.8	46.2	47.5	42.3	45.8	47.1	48.3								
	10	40.7	44.4	45.8	47.2	41.7	45.2	46.4	47.6								
	15	40.3	43.9	45.3	46.6	41.1	44.6	45.8	47.0								
	20	39.2	42.6	43.9	45.2	40.5	44.0	45.1	46.3								
	25	----	41.4	42.6	43.9	39.5	42.8	44.0	4480								
	30	----	40.2	41.4	42.6	----	41.6	42.7	4310								
	35	----	39.0	40.2	41.4	----	40.4	4140	4140								
	$V_1 : V_R$	0.94	0.96	0.97	0.98	0.95	0.98	0.99	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	40.0	43.5	44.8	46.1	41.5	44.9	46.1	47.3								
	5	39.7	43.2	44.5	45.8	40.9	44.3	45.5	46.7								
	10	39.3	42.8	44.1	45.4	40.4	43.6	44.8	46.0								
	15	----	42.3	43.6	44.8	39.8	43.0	44.2	45.4								
	20	----	41.1	42.3	43.5	39.3	42.4	43.6	44.7								
	25	----	39.9	41.1	42.3	----	41.4	42.5	43.6								
	30	----	----	39.9	41.0	----	40.2	41.2	42.3								
	35	----	----	----	39.9	----	----	40.0	41.1								
	$V_1 : V_R$	0.89	0.91	0.92	0.93	0.90	0.93	0.94	0.95								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	39.1	42.4	43.7	44.9	40.6	43.8	45.0	46.3								
	5	----	42.1	43.4	44.6	40.1	43.2	44.4	45.6								
	10	----	41.7	43.0	44.2	39.5	42.6	43.8	45.0								
	15	----	41.3	42.5	43.7	----	42.0	43.2	44.4								
	20	----	40.1	41.3	42.4	----	41.5	42.6	43.7								
	25	----	----	40.1	41.2	----	40.4	41.5	42.6								
	30	----	----	----	40.0	----	39.2	40.3	41.4								
	35	----	----	----	----	----	----	39.1	40.2								
	$V_1 : V_R$	0.84	0.88	0.88	0.89	0.86	0.89	0.90	0.91								
10 mm slush or standing water	OAT [°C] 0	----	39.1	40.3	41.5	----	40.7	41.8	43.0								
	5	----	----	40.0	41.2	----	40.1	41.3	42.4								
	10	----	----	39.7	40.9	----	39.6	40.7	41.8								
	15	----	----	39.2	40.4	----	39.0	40.1	41.2								
	20	----	----	----	39.2	----	----	39.6	40.7								
	25	----	----	----	----	----	----	----	39.6								
	30					----	----	----	----								
	35																
	$V_1 : V_R$	0.82	0.87	0.88	0.89	0.85	0.89	0.90	0.91								
10-50mm dry snow		----	41.2	42.4	43.5	39.5	42.6	43.8	45.0								
	$V_1 : V_R$	0.78	0.82	0.84	0.85	0.79	0.84	0.85	0.87								

location		MONASTIR TUNISIA SKANES APT. DTTM			
RWY	elev.[m]	08/26	2		
slope	stength	<0,5	LCN70		
TORA	[m]	2950			
TODA	[m]	3000			
ASDA	[m]	3000			
LDA	[m]	2950			

flaps		10°				20°				10°				20°			
wind [m/s]	OAT [°C]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.1	50.0	50.0	50.0	49.8	50.0	50.0	50.0								
	15	48.9	50.0	50.0	50.0	49.2	4930	4930	4930								
	20	47.7	50.0	50.0	50.0	4760	4760	4760	4760								
	25	46.3	50.0	50.0	50.0	4580	4580	4580	4580								
	30	44.9	4850	4850	4850 08-1	10-1	4410	4410	4410	4410								
	35	43.6	4650	4650	4650 07-2	14-3	4240	4240	4240	4240								
	V_1 : V_R	0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	0	47.7	50.0	50.0	50.0	49.1	50.0	50.0	50.0								
	5	47.5	50.0	50.0	50.0	48.5	50.0	50.0	50.0								
	10	47.2	50.0	50.0	50.0	47.9	50.0	50.0	50.0								
	15	46.9	50.0	50.0	50.0	47.3	4930	4930	4930								
	20	45.8	49.4	50.0	50.0	46.7	4760	4760	4760								
	25	44.4	47.9	49.3	50.0	4580	4580	4580	4580								
	30	43.1	46.5	47.8	4850	4410	4410	4410	4410								
	35	41.9	45.2	46.4	4650	4240	4240	4240	4240								
	V_1 : V_R	0.91	0.94	0.95	0.96	0.94	0.97	0.98	0.99								
μ=0,35 or wet snow less than 3 mm	0	46.4	50.0	50.0	50.0	47.8	50.0	50.0	50.0								
	5	46.2	49.8	50.0	50.0	47.2	50.0	50.0	50.0								
	10	45.9	49.5	50.0	50.0	46.6	50.0	50.0	50.0								
	15	45.7	49.2	50.0	50.0	46.0	4930	4930	4930								
	20	44.6	48.0	49.3	50.0	45.4	4760	4760	4760								
	25	43.2	46.6	47.9	49.1	44.7	4580	4580	4580								
	30	42.0	45.2	46.5	47.7	43.4	4410	4410	4410								
	35	40.8	43.9	45.1	46.3	42.1	4240	4240	4240								
	V_1 : V_R	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95								
10 mm slush or standing water	0	42.6	46.1	47.5	48.8	44.0	47.5	48.8	50.0								
	5	42.4	45.9	47.2	48.5	43.5	46.9	48.2	49.4								
	10	42.1	45.6	46.9	48.2	42.9	46.3	47.6	48.8								
	15	41.9	45.4	46.7	47.9	42.4	45.8	47.0	48.2								
	20	40.9	44.3	45.5	46.8	41.9	45.2	46.4	4760								
	25	39.7	43.0	44.2	45.4	41.2	44.4	45.6	4580								
	30	----	41.7	42.9	44.1	40.0	43.1	4410	4410								
	35	----	40.5	41.7	42.8	----	41.9	4240	4240								
	V_1 : V_R	0.87	0.89	0.90	0.91	0.88	0.92	0.93	0.94								
10-50mm dry snow	V_1 : V_R																

location		MOSCOW															
		USSR				SHEREMETYEVO				UUEE							
RWY	elev.[m]	07R/25L				191				07L/25R				191			
slope	stength	<0,5				PCN70 R/C/X/T				<0,5				PCN100 R/C/X/T			
TORA	[m]	3575								3400							
TODA		4050								3930							
ASDA		4050								3930							
LDA		3700								3530							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4840	4840	4840	4840	50.0	50.0	50.0	50.0	4840	4840	4840	4840
	20	50.0	50.0	50.0	50.0	4670	4670	4670	4670	50.0	50.0	50.0	50.0	4670	4670	4670	4670
	25	4940	4940	4940	4940	4500	4500	4500	4500	4940	4940	4940	4940	4500	4500	4500	4500
	30	4750	4750	4750	4750	4330	4330	4330	4330	4750	4750	4750	4750	4330	4330	4330	4330
		13-2	13-2	13-2	13-2					13-2	13-2	13-2	13-2				
	35	4550	4550	4550	4550	4150	4150	4150	4150	4550	4550	4550	4550	4150	4150	4150	4150
		17-4	20-4	20-4	20-4					16-3	20-4	20-4	20-4				
	V_1:V_R	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4840	4840	4840	4840	50.0	50.0	50.0	50.0	4840	4840	4840	4840
	20	50.0	50.0	50.0	50.0	4670	4670	4670	4670	50.0	50.0	50.0	50.0	4670	4670	4670	4670
	25	4940	4940	4940	4940	4500	4500	4500	4500	49.2	4940	4940	4940	4500	4500	4500	4500
	30	4750	4750	4750	4750	4330	4330	4330	4330	4750	4750	4750	4750	4330	4330	4330	4330
	35	4550	4550	4550	4550	4150	4150	4150	4150	4550	4550	4550	4550	4150	4150	4150	4150
	V_1:V_R	0.95	0.98	0.99	1.00	0.99	1.00	1.00	1.00	0.94	0.97	0.99	1.00	0.98	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4840	4840	4840	4840	50.0	50.0	50.0	50.0	4840	4840	4840	4840
	20	50.0	50.0	50.0	50.0	4670	4670	4670	4670	49.1	50.0	50.0	50.0	4670	4670	4670	4670
	25	48.6	4940	4940	4940	4500	4500	4500	4500	47.6	4940	4940	4940	4500	4500	4500	4500
	30	47.2	4750	4750	4750	4330	4330	4330	4330	46.2	4750	4750	4750	4330	4330	4330	4330
	35	4550	4550	4550	4550	4150	4150	4150	4150	44.8	4550	4550	4550	4150	4150	4150	4150
	V_1:V_R	0.91	0.94	0.95	0.96	0.94	0.99	1.00	1.00	0.90	0.93	0.95	0.96	0.94	0.98	1.00	1.00
10 mm slush or standing water	OAT [°C] 0	48.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.6	50.0	50.0	50.0	49.4	50.0	50.0	50.0
	5	48.2	50.0	50.0	50.0	49.8	50.0	50.0	50.0	47.2	50.0	50.0	50.0	49.0	50.0	50.0	50.0
	10	47.7	50.0	50.0	50.0	49.1	50.0	50.0	50.0	46.7	50.0	50.0	50.0	48.3	50.0	50.0	50.0
	15	47.2	50.0	50.0	50.0	48.4	4840	4840	4840	46.2	50.0	50.0	50.0	47.7	4840	4840	4840
	20	46.1	49.8	50.0	50.0	4670	4670	4670	4670	45.1	48.8	50.0	50.0	4670	4670	4670	4670
	25	44.7	48.3	4940	4940	4500	4500	4500	4500	43.8	47.3	48.6	4940	4500	4500	4500	4500
	30	43.4	46.8	4750	4750	4330	4330	4330	4330	42.4	45.9	47.2	4750	4330	4330	4330	4330
	35	42.0	45.4	4550	4550	4150	4150	4150	4150	41.2	44.5	4550	4550	4150	4150	4150	4150
	V_1:V_R	0.91	0.93	0.94	0.95	0.92	0.96	0.97	0.98	0.91	0.92	0.93	0.94	0.92	0.96	0.97	0.98
10-50mm dry snow		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	V_1:V_R	0.85	0.88	0.89	0.90	0.88	0.93	0.95	0.96	0.86	0.88	0.89	0.90	0.88	0.93	0.94	0.95

location			MOSCOW													
			USSR				VNUKOVO				UUWW					
RWY	elev.[m]		02				208				20				208	
slope	stength		<0,5				PCN100R/C/X/T				<0,5				PCN100R/C/X/T	
TORA	[m]		3050								3050					
TODA			3250								3150					
ASDA			3250								3150					
LDA			3050								3050					
flaps			10°				20°				10°				20°	
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	49.9	50.0	50.0	50.0	4830	4830	4830	4830	49.0	50.0	50.0	50.0	4830	4830	4830	4830
		20	48.4	50.0	50.0	50.0	4660	4660	4660	4660	47.6	50.0	50.0	50.0	4660	4660	4660	4660
		25	47.0	4930	4930	4930	4490	4490	4490	4490	46.2	4930	4930	4930	4490	4490	4490	4490
				01-1	01-1	01-1							01-1	01-1				
		30	45.6	4740	4740	4740	4320	4320	4320	4320	44.8	4740	4740	4740	4320	4320	4320	4320
				05-2	14-2	14-2						04-1	11-2	14-2				
		35	44.3	4550	4550	4550	4150	4150	4150	4150	43.6	4550	4550	4550	4150	4150	4150	4150
				11-2	18-3	21-4						10-1	10-3	16-4				
	$V_1 : V_R$		0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0	49.7	50.0	50.0	50.0
		5	48.7	50.0	50.0	50.0	49.8	50.0	50.0	50.0	48.0	50.0	50.0	50.0	49.0	50.0	50.0	50.0
		10	48.4	50.0	50.0	50.0	49.1	50.0	50.0	50.0	47.7	50.0	50.0	50.0	48.3	50.0	50.0	50.0
		15	47.8	50.0	50.0	50.0	4830	4830	4830	4830	47.1	50.0	50.0	50.0	47.6	4830	4830	4830
		20	46.4	50.0	50.0	50.0	4660	4660	4660	4660	45.7	49.2	50.0	50.0	4660	4660	4660	4660
		25	45.1	48.5	4930	4930	4490	4490	4490	4490	44.3	47.8	49.1	4930	4490	4490	4490	4490
		30	43.7	47.1	4740	4740	4320	4320	4320	4320	43.0	46.4	4740	4740	4320	4320	4320	4320
		35	42.5	4550	4550	4550	4150	4150	4150	4150	41.8	45.0	4550	4550	4150	4150	4150	4150
	$V_1 : V_R$		0.92	0.95	0.96	0.97	0.95	0.99	0.99	1.00	0.92	0.94	0.95	0.96	0.94	0.98	0.99	0.99
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	47.7	50.0	50.0	50.0	49.1	50.0	50.0	50.0	47.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0
		5	47.4	50.0	50.0	50.0	48.4	50.0	50.0	50.0	46.7	50.0	50.0	50.0	47.6	50.0	50.0	50.0
		10	47.1	50.0	50.0	50.0	47.7	50.0	50.0	50.0	46.4	49.9	50.0	50.0	47.0	50.0	50.0	50.0
		15	46.5	50.0	50.0	50.0	47.1	4830	4830	4830	45.8	49.3	50.0	50.0	46.3	4830	4830	4830
		20	45.1	48.6	49.8	50.0	46.4	4660	4660	4660	44.4	47.8	49.1	50.0	45.7	4660	4660	4660
		25	43.8	47.1	48.4	4930	4490	4490	4490	4490	43.1	46.4	47.7	48.9	44.6	4490	4490	4490
		30	42.5	45.8	47.0	4740	4320	4320	4320	4320	41.9	45.1	46.3	4740	4320	4320	4320	4320
		35	41.3	44.4	4550	4550	4150	4150	4150	4150	40.7	43.8	44.9	4550	4150	4150	4150	4150
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96	0.87	0.91	0.92	0.93	0.90	0.94	0.95	0.96
10 mm slush or standing water	OAT [°C]	0	43.8	47.3	48.7	50.0	45.1	48.7	50.0	50.0	43.1	46.6	47.9	49.2	44.4	48.0	49.3	50.0
		5	43.5	47.0	48.3	49.6	44.5	48.1	49.3	50.0	42.8	46.3	47.6	48.9	43.8	47.3	48.6	49.8
		10	43.2	46.7	48.0	49.3	43.9	47.4	48.6	49.9	42.5	46.0	47.3	48.6	43.2	46.7	47.9	49.1
		15	42.7	46.1	47.4	48.7	43.3	46.7	48.0	4830	42.0	45.4	46.7	48.0	42.6	46.0	47.3	4830
		20	41.4	44.8	46.0	47.3	42.7	46.1	4660	4660	40.8	44.1	45.3	46.6	42.1	45.4	46.6	4660
		25	40.2	43.5	44.7	45.9	41.7	4490	4490	4490	39.6	42.8	44.0	45.2	41.0	44.3	4490	4490
		30	39.1	42.2	43.4	44.5	40.4	4320	4320	4320	----	41.6	42.7	43.9	39.8	43.0	4320	4320
		35	----	41.0	42.1	43.3	39.2	4150	4150	4150	----	40.4	41.5	42.6	----	4150	4150	4150
	$V_1 : V_R$		0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95	0.87	0.90	0.91	0.92	0.89	0.93	0.93	0.94
10-50mm dry snow			46.1	49.6	50.0	50.0	47.4	50.0	50.0	50.0	45.4	48.9	50.0	50.0	46.7	50.0	50.0	50.0
	$V_1 : V_R$		0.82	0.86	0.87	0.88	0.84	0.89	0.90	0.91	0.82	0.85	0.86	0.87	0.84	0.88	0.89	0.90

location			MUNICH			
			FRG	MUNICH APT.	EDDM	
RWY	elev.[m]		07/25	529		
slope	stength		< 0,5	LCN100		
TORA	[m]		2804			
TODA			2804			
ASDA			2804			
LDA			2804			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	46.3	50.0	50.0	50.0	47.6	50.0	50.0	50.0								
		5	45.9	49.7	50.0	50.0	46.8	50.0	50.0	50.0								
		10	45.5	49.2	50.0	50.0	46.1	4850	4850	4850								
		15	44.1	47.8	49.2	50.0	45.3	4680	4680	4680								
		20	42.9	46.4	47.7	49.0	44.3	4510	4510	4510								
		25	41.6	45.0	46.3	4760	43.0	4340	4340	4340								
		30	40.4	43.7	45.0	4570	41.7	4180	4180	4180								
		35																
	$V_1 : V_R$		0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	44.5	48.1	49.4	50.0	45.8	49.6	50.0	50.0								
		5	44.1	47.7	49.0	50.0	45.1	48.8	50.0	50.0								
		10	43.7	47.3	48.6	49.9	44.3	48.0	4850	4850								
		15	42.4	45.9	47.2	48.4	43.6	4680	4680	4680								
		20	41.2	44.5	45.8	47.0	42.6	4510	4510	4510								
		25	40.0	43.2	44.5	45.6	41.4	4340	4340	4340								
		30	----	42.0	43.2	44.3	40.2	4180	4180	4180								
		35																
	$V_1 : V_R$		0.90	0.93	0.94	0.95	0.93	0.96	0.97	0.98								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	43.3	46.8	48.1	49.3	44.7	48.2	49.5	50.0								
		5	43.0	46.4	47.7	49.0	43.9	47.4	48.6	49.9								
		10	42.6	46.0	47.3	48.5	43.2	46.6	47.9	4850								
		15	41.4	44.6	45.9	47.1	42.5	45.9	4680	4680								
		20	40.2	43.3	44.5	45.7	41.6	44.8	4510	4510								
		25	----	42.1	43.2	44.4	40.4	4340	4340	4340								
		30	----	40.9	42.0	43.1	39.2	4180	4180	4180								
		35																
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94								
10 mm slush or standing water	OAT [°C]	0	39.7	43.1	44.3	45.6	41.2	44.5	45.7	46.9								
		5	39.4	42.7	44.0	45.2	40.5	43.8	44.9	46.1								
		10	39.1	42.4	43.6	44.8	39.9	43.0	44.2	45.4								
		15	----	41.1	42.3	43.5	39.2	42.3	43.5	44.6								
		20	----	39.9	41.1	42.2	----	41.4	42.5	43.6								
		25	----	----	39.9	41.0	----	40.2	41.3	42.3								
		30	----	----	----	39.8	----	----	40.0	41.1								
		35																
	$V_1 : V_R$		0.85	0.89	0.90	0.91	0.88	0.91	0.92	0.93								
10-50mm dry snow			42.0	45.3	46.5	47.7	43.3	46.6	47.8	49.1								
	$V_1 : V_R$		0.80	0.84	0.85	0.86	0.82	0.86	0.88	0.89								

location		NAPLES ITALY CAPODICHINO APT. LIRN															
RWY	elev.[m]	06				88				24				88			
slope	stength	0,9 downhill				SIWL 28 t				0,9 uphill				SIWL 28 t			
TORA	[m]	2100								2195							
TODA	[m]	2410								2465							
ASDA	[m]	2100								2195							
LDA	[m]	1980								2195							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	42.9	46.7	48.1	49.4	44.8	48.4	49.7	50.0	42.1	45.9	47.3	48.7	43.8	47.5	48.8	50.0
	5	42.6	46.3	47.6	49.0	44.2	47.8	49.1	50.0	41.7	45.5	46.9	48.3	43.2	46.9	48.1	49.4
	10	42.2	45.8	47.2	48.5	43.7	47.2	48.4	49.7	41.3	45.1	46.5	47.9	42.7	46.3	47.5	48.7
	15	41.8	45.4	46.8	48.1	43.1	46.6	47.8	4890	40.9	44.7	46.1	47.4	42.1	45.7	46.9	48.1
	20	41.0	44.5	45.9	47.2	42.5	46.0	47.2	4720	40.1	43.8	45.1	46.5	41.6	45.1	46.3	4720
	25	39.7	43.2	44.5	45.7	41.7	45.1	4550	4550	----	42.5	43.8	45.1	40.7	44.2	45.3	4550
	30	----	41.9	43.1	44.4	40.5	4370	4370	4370	----	41.2	42.5	43.8	39.6	42.9	4370	4370
	35	----	40.6	41.8	43.0	39.3	4200	4200	4200	----	39.9	41.2	42.4	----	41.6	4200	4200
	$V_1 : V_R$	0.90	0.93	0.93	0.94	0.90	0.94	0.94	0.95	0.94	0.96	0.97	0.98	0.94	0.97	0.98	0.99
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	41.6	45.1	46.4	47.7	43.5	46.9	48.2	49.4	40.6	44.2	45.5	46.9	42.3	45.9	47.1	48.4
	5	41.2	44.7	46.0	47.3	43.0	46.3	47.5	48.8	40.2	43.8	45.1	46.4	41.9	45.3	46.5	47.7
	10	40.8	44.3	45.6	46.8	42.4	45.7	46.9	48.1	39.9	43.4	44.7	46.0	41.4	44.7	45.9	47.1
	15	40.4	43.9	45.2	46.4	41.9	45.1	46.3	47.5	39.5	43.0	44.3	45.6	40.8	44.1	45.3	46.5
	20	39.6	43.0	44.3	45.5	41.3	44.5	45.7	46.9	----	42.2	43.4	44.7	40.2	43.5	44.7	45.9
	25	----	41.7	43.0	44.1	40.3	43.6	44.8	4550	----	40.9	42.1	43.4	39.2	42.6	43.8	45.0
	30	----	40.5	41.7	42.8	39.3	42.3	43.5	4370	----	39.7	40.9	42.1	----	41.4	42.5	43.6
	35	----	39.3	40.4	41.5	----	41.1	4200	4200	----	----	39.6	40.8	----	40.2	41.3	4200
	$V_1 : V_R$	0.84	0.88	0.89	0.89	0.85	0.88	0.89	0.91	0.88	0.91	0.92	0.93	0.89	0.92	0.93	0.94
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	40.7	44.1	45.4	46.6	42.6	45.9	47.1	48.4	39.6	43.1	44.4	45.7	41.3	44.8	46.0	47.3
	5	40.3	43.7	44.9	46.2	42.1	45.3	46.5	47.8	39.3	42.7	44.0	45.2	41.0	44.2	45.4	46.7
	10	39.9	43.3	44.5	45.7	41.6	44.7	45.9	47.1	----	42.3	43.6	44.8	40.5	43.7	44.9	46.1
	15	39.6	42.9	44.1	45.3	41.1	44.1	45.3	46.5	----	41.9	43.2	44.4	40.0	43.1	44.3	45.5
	20	----	42.1	43.3	44.4	40.4	43.6	44.7	45.9	----	41.1	42.3	43.5	39.2	42.5	43.7	44.9
	25	----	40.8	42.0	43.1	39.4	42.7	43.9	45.0	----	39.9	41.1	42.2	----	41.5	42.7	43.9
	30	----	39.6	40.7	41.8	----	41.4	42.6	43.7	----	----	39.8	41.0	----	40.5	41.6	42.7
	35	----	----	39.5	40.5	----	40.2	41.3	4200	----	----	----	39.7	----	39.3	40.4	41.4
	$V_1 : V_R$	0.80	0.84	0.85	0.86	0.81	0.84	0.86	0.87	0.84	0.87	0.88	0.89	0.85	0.88	0.89	0.90
10 mm slush or standing water	OAT [°C] 0	----	40.6	41.8	43.0	39.1	42.5	43.7	44.9	----	39.8	41.1	42.3	----	41.6	42.8	44.0
	5	----	40.2	41.4	42.6	----	41.9	43.1	44.3	----	39.5	40.7	41.9	----	41.1	42.3	43.4
	10	----	39.9	41.1	42.2	----	41.4	42.6	43.7	----	39.1	40.4	41.6	----	40.6	41.7	42.9
	15	----	39.5	40.7	41.9	----	40.9	42.0	43.2	----	----	40.0	41.2	----	40.1	41.2	42.3
	20	----	----	39.9	41.0	----	40.3	41.5	42.6	----	----	39.2	40.4	----	39.5	40.7	41.8
	25	----	----	----	39.8	----	39.3	40.5	41.7	----	----	----	39.2	----	----	39.7	40.8
	30	----	----	----	----	----	----	39.5	40.5	----	----	----	----	----	----	----	39.7
	35					----	----	----	39.3					----	----	----	----
	$V_1 : V_R$	0.79	0.83	0.85	0.86	0.80	0.84	0.85	0.87	0.82	0.87	0.88	0.89	0.84	0.88	0.89	0.90
10-50mm dry snow		39.6	42.9	44.1	45.3	41.5	44.7	46.0	47.2	----	41.8	43.0	44.2	40.1	43.5	44.7	46.0
	$V_1 : V_R$	0.74	0.79	0.80	0.81	0.74	0.79	0.80	0.82	0.78	0.82	0.83	0.84	0.78	0.82	0.84	0.85

location		NICE			
		FRANCE COTE D'AZUR LFMN			
RWY	elev.[m]	05L/23R	4	05R/23L	4
slope	stength	<0,5	S 45 t	<0,5	S 45 t
TORA	[m]	2950		2960	
TODA		2950		3500	
ASDA		2950		3100	
LDA		2950		2960	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	48.7	50.0	50.0	50.0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	48.4	50.0	50.0	50.0	48.8	4930	4930	4930	50.0	50.0	50.0	50.0	4930	4930	4930	4930
	20	47.2	50.0	50.0	50.0	4760	4760	4760	4760	49.2	50.0	50.0	50.0	4760	4760	4760	4760
	25	45.8	49.5	50.0	50.0	4580	4580	4580	4580	47.7	50.0	50.0	50.0	4580	4580	4580	4580
	30	44.5	48.1	4840	4840	4410	4410	4410	4410	46.3	4840	4840	4840	4410	4410	4410	4410
				04-1	10-1						10-1	10-1	10-1				
	35	43.2	4650	4650	4650	4240	4240	4240	4240	44.9	4650	4650	4650	4240	4240	4240	4240
				10-1	16-2						15-2	17-3	17-3				
	$V_1 : V_R$	0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00	0.96	0.97	0.98	0.99	0.97	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	47.3	50.0	50.0	50.0	48.7	50.0	50.0	50.0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	47.0	50.0	50.0	50.0	48.0	50.0	50.0	50.0	48.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	46.8	50.0	50.0	50.0	47.5	50.0	50.0	50.0	48.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	46.5	50.0	50.0	50.0	46.9	4930	4930	4930	47.9	50.0	50.0	50.0	4930	4930	4930	4930
	20	45.4	49.0	50.0	50.0	46.3	4760	4760	4760	47.2	50.0	50.0	50.0	4760	4760	4760	4760
	25	44.0	47.5	48.8	50.0	45.5	4580	4580	4580	45.8	49.4	50.0	50.0	4580	4580	4580	4580
	30	42.7	46.1	47.4	4840	4410	4410	4410	4410	44.4	48.0	4840	4840	4410	4410	4410	4410
	35	41.5	44.8	46.0	4650	4240	4240	4240	4240	43.1	4650	4650	4650	4240	4240	4240	4240
	$V_1 : V_R$	0.91	0.94	0.95	0.96	0.93	0.97	0.98	0.98	0.91	0.92	0.93	0.94	0.92	0.96	0.97	0.98
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	46.0	49.7	50.0	50.0	47.4	50.0	50.0	50.0	47.8	50.0	50.0	50.0	49.6	50.0	50.0	50.0
	5	45.8	49.4	50.0	50.0	46.8	50.0	50.0	50.0	47.4	50.0	50.0	50.0	49.6	50.0	50.0	50.0
	10	45.5	49.1	50.0	50.0	46.2	49.9	50.0	50.0	47.0	50.0	50.0	50.0	49.1	50.0	50.0	50.0
	15	45.3	48.8	50.0	50.0	45.6	49.2	4930	4930	46.6	50.0	50.0	50.0	48.5	4930	4930	4930
	20	44.2	47.6	48.9	50.0	45.1	4760	4760	4760	45.9	49.5	50.0	50.0	47.4	4760	4760	4760
	25	42.9	46.2	47.5	48.7	44.3	4580	4580	4580	44.5	48.0	49.3	50.0	4580	4580	4580	4580
	30	41.6	44.9	46.1	47.3	43.0	4410	4410	4410	43.2	46.6	47.9	4840	4410	4410	4410	4410
	35	40.4	43.6	44.8	45.9	41.7	4240	4240	4240	41.9	45.2	46.4	4650	4240	4240	4240	4240
	$V_1 : V_R$	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95	0.87	0.88	0.89	0.90	0.89	0.92	0.93	0.94
10 mm slush or standing water	OAT [°C] 0	42.2	45.7	47.1	48.4	43.6	47.1	48.4	49.7	43.9	47.6	49.0	50.0	45.8	49.5	50.0	50.0
	5	42.0	45.5	46.8	48.1	43.1	46.5	47.8	49.0	43.6	47.2	48.6	49.9	45.7	49.3	50.0	50.0
	10	41.8	45.2	46.5	47.8	42.6	46.0	47.2	48.4	43.2	46.8	48.1	49.5	45.2	48.7	50.0	50.0
	15	41.5	45.0	46.3	47.6	42.0	45.4	46.6	47.8	42.8	46.4	47.7	49.0	44.6	48.1	4930	4930
	20	40.5	43.9	45.1	46.4	41.5	44.8	46.0	47.2	42.1	45.7	47.0	48.2	43.6	47.2	4760	4760
	25	39.3	42.6	43.8	45.0	40.8	44.1	45.3	4580	40.9	44.3	45.6	46.8	42.6	4580	4580	4580
	30	----	41.4	42.5	43.7	39.6	42.8	43.9	4410	39.6	43.0	44.2	45.4	41.5	4410	4410	4410
	35	----	40.2	41.3	42.4	----	41.5	4240	4240	----	41.7	42.9	44.0	40.4	4240	4240	4240
	$V_1 : V_R$	0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.87	0.89	0.90	0.91	0.88	0.91	0.91	0.92
10-50mm dry snow $V_1 : V_R$																	

location			ODESSA															
			USSR				CENTRAL APT.						UKOO					
RWY	elev.[m]		16/34				52											
slope	stength		< 0,5				PCN15 R/B/X/T/											
TORA	[m]		2800															
TODA			3200															
ASDA			3200															
LDA			2800															
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	49.6	50.0	50.0	50.0	4910	4910	4910	4910								
		20	48.7	50.0	50.0	50.0	4740	4740	4740	4740								
		25	47.2	50.0	50.0	50.0	4560	4560	4560	4560								
		30	45.8	4820	4820	4820	4390	4390	4390	4390								
				10-1	06-2	06-2												
		35	44.4	4620	4620	4620	4210	4210	4210	4210								
				09-2	16-3	19-3												
	$V_1 : V_R$		0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	48.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	47.8	50.0	50.0	50.0	49.3	50.0	50.0	50.0								
		15	47.4	50.0	50.0	50.0	48.7	4910	4910	4910								
		20	46.5	50.0	50.0	50.0	4740	4740	4740	4740								
		25	45.2	48.9	50.0	50.0	4560	4560	4560	4560								
		30	43.8	47.4	4820	4820	4390	4390	4390	4390								
		35	42.5	46.0	4620	4620	4210	4210	4210	4210								
	$V_1 : V_R$		0.93	0.95	0.96	0.97	0.94	0.98	0.99	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	47.3	50.0	50.0	50.0	49.1	50.0	50.0	50.0								
		5	46.8	50.0	50.0	50.0	48.6	50.0	50.0	50.0								
		10	46.4	50.0	50.0	50.0	47.9	50.0	50.0	50.0								
		15	46.0	49.8	50.0	50.0	47.3	4910	4910	4910								
		20	45.2	48.9	50.0	50.0	46.7	4740	4740	4740								
		25	43.8	47.4	48.7	50.0	45.6	4560	4560	4560								
		30	42.5	46.0	47.2	4820	4390	4390	4390	4390								
		35	41.2	44.6	45.8	4620	4210	4210	4210	4210								
	$V_1 : V_R$		0.89	0.92	0.92	0.93	0.90	0.94	0.95	0.96								
10 mm slush or standing water	OAT [°C]	0	43.4	47.1	48.5	49.8	45.2	48.9	50.0	50.0								
		5	43.0	46.7	48.0	49.4	44.7	48.2	49.5	50.0								
		10	42.6	46.2	47.6	48.9	44.1	47.6	48.9	50.0								
		15	42.2	45.8	47.2	48.5	43.5	47.0	48.3	4910								
		20	41.4	45.0	46.3	47.6	43.0	46.4	4740	4740								
		25	40.2	43.7	44.9	46.2	41.9	45.5	4560	4560								
		30	----	42.4	43.6	44.8	40.9	4390	4390	4390								
		35	----	41.1	42.3	43.5	39.8	4210	4210	4210								
	$V_1 : V_R$		0.89	0.92	0.92	0.93	0.89	0.93	0.94	0.94								
10-50mm dry snow			45.6	49.2	50.0	50.0	47.4	50.0	50.0	50.0								
	$V_1 : V_R$		0.84	0.87	0.86	0.88	0.84	0.88	0.89	0.91								

location		ORAN			
		ALGERIA TAFARAOUI		DAOL	
RWY	elev.[m]	08	112	26	112
slope	stength	<0,5	SIWL 34,0 t	<0,5	SIWL 34,0 t
TORA	[m]	2740		2740	
TODA	[m]	2940		3040	
ASDA	[m]	2940		3040	
LDA	[m]	2740		2740	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	47.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	47.6	50.0	50.0	50.0	49.5	50.0	50.0	50.0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	47.3	50.0	50.0	50.0	48.9	50.0	50.0	50.0	48.8	50.0	50.0	50.0	49.8	50.0	50.0	50.0
	15	47.0	50.0	50.0	50.0	48.2	4880	4880	4880	48.3	50.0	50.0	50.0	4880	4880	4880	4880
	20	45.6	49.3	50.0	50.0	4710	4710	4710	4710	47.3	50.0	50.0	50.0	4710	4710	4710	4710
	25	44.3	47.8	49.2	4980	4530	4530	4530	4530	45.9	49.6	4980	4980	4530	4530	4530	4530
	30	43.0	46.4	47.7	4790	4360	4360	4360	4360	44.5	4790	4790	4790	4360	4360	4360	4360
	35	41.8	45.1	4590	4590	4190	4190	4190	4190	43.2	4590	4590	4590	4190	4190	4190	4190
	$V_1 : V_R$	0.94	0.96	0.97	0.98	0.99	1.00	1.00	1.00	0.97	0.99	1.00	1.00	0.99	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	46.2	49.8	50.0	50.0	48.2	50.0	50.0	50.0	47.6	50.0	50.0	50.0	49.1	50.0	50.0	50.0
	5	45.9	49.5	50.0	50.0	47.6	50.0	50.0	50.0	47.2	50.0	50.0	50.0	48.4	50.0	50.0	50.0
	10	45.6	49.2	50.0	50.0	47.0	50.0	50.0	50.0	46.7	50.0	50.0	50.0	47.8	50.0	50.0	50.0
	15	45.2	48.9	50.0	50.0	46.4	4880	4880	4880	46.3	50.0	50.0	50.0	47.2	4880	4880	4880
	20	44.0	47.4	48.7	50.0	45.7	4710	4710	4710	45.3	49.0	50.0	50.0	46.5	4710	4710	4710
	25	42.7	46.0	47.3	48.5	44.8	4530	4530	4530	44.0	47.5	48.8	4980	4530	4530	4530	4530
	30	41.4	44.7	45.9	47.1	43.5	4360	4360	4360	42.7	46.1	47.4	4790	4360	4360	4360	4360
	35	40.2	43.4	44.6	45.7	4190	4190	4190	4190	41.4	44.8	4590	4590	4190	4190	4190	4190
	$V_1 : V_R$	0.89	0.91	0.92	0.93	0.93	0.97	0.98	0.98	0.92	0.94	0.95	0.96	0.94	0.97	0.98	0.99
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	45.0	48.5	49.9	50.0	47.0	50.0	50.0	50.0	46.3	50.0	50.0	50.0	47.8	50.0	50.0	50.0
	5	44.7	48.2	49.6	50.0	46.4	50.0	50.0	50.0	45.8	49.6	50.0	50.0	47.1	50.0	50.0	50.0
	10	44.5	47.9	49.3	50.0	45.7	49.4	50.0	50.0	45.4	49.1	50.0	50.0	46.5	50.0	50.0	50.0
	15	44.0	47.6	48.9	50.0	45.1	48.7	4880	4880	45.0	48.7	50.0	50.0	45.9	4880	4880	4880
	20	42.9	46.2	47.5	48.7	44.5	4710	4710	4710	44.0	47.6	48.9	50.0	45.3	4710	4710	4710
	25	41.6	44.9	46.1	47.3	43.6	4530	4530	4530	42.7	46.2	47.5	48.7	44.3	4530	4530	4530
	30	40.4	43.5	44.7	45.9	42.3	4360	4360	4360	41.4	44.8	46.1	47.3	43.0	4360	4360	4360
	35	39.2	42.3	43.4	44.5	41.1	4190	4190	4190	40.2	43.5	44.7	45.9	41.8	4190	4190	4190
	$V_1 : V_R$	0.84	0.88	0.89	0.90	0.89	0.93	0.94	0.95	0.88	0.91	0.91	0.92	0.89	0.93	0.94	0.95
10 mm slush or standing water	OAT [°C] 0	41.3	44.7	46.0	47.3	43.3	46.7	48.0	49.2	42.4	46.1	47.4	48.7	44.0	47.5	48.7	50.0
	5	41.1	44.5	45.7	47.0	42.7	46.1	47.4	48.6	42.1	45.7	47.0	48.3	43.4	46.8	48.1	49.4
	10	40.8	44.2	45.5	46.7	42.1	45.5	46.7	47.9	41.7	45.3	46.6	47.9	42.8	46.2	47.5	48.7
	15	40.5	43.9	45.1	46.4	41.6	44.9	46.1	47.3	41.3	44.8	46.2	47.4	42.3	45.6	46.8	48.1
	20	39.3	42.6	43.8	45.0	41.1	44.3	45.5	46.7	40.4	43.9	45.2	46.4	41.7	45.0	46.2	4710
	25	----	41.4	42.5	43.7	40.2	43.4	44.6	4530	39.2	42.6	43.8	45.0	40.8	44.1	45.3	4530
	30	----	40.2	41.3	42.4	39.0	42.1	43.2	4360	----	41.3	42.5	43.7	39.7	42.8	4360	4360
	35	----	----	40.1	41.2	----	40.9	4190	4190	----	40.1	41.2	42.4	----	41.5	4190	4190
	$V_1 : V_R$	0.84	0.87	0.88	0.89	0.88	0.92	0.93	0.94	0.88	0.91	0.91	0.91	0.89	0.92	0.93	0.94
10-50mm dry snow		43.7	47.0	48.3	49.5	45.5	48.9	50.0	50.0	44.7	48.3	49.6	50.0	46.2	49.7	50.0	50.0
	$V_1 : V_R$	0.79	0.82	0.83	0.84	0.83	0.87	0.88	0.89	0.83	0.86	0.87	0.87	0.83	0.88	0.89	0.90

location		OSTEND			
		BELGIUM	OSTEND APT.	EBOS	
RWY	elev.[m]	26	4	08	4
slope	stength	<0,5	PCN56	<0,5	PCN56
TORA	[m]	3200		2400	
TODA	[m]	3200		2400	
ASDA	[m]	3200		3200	
LDA	[m]	2210		3200	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.8	50.0	50.0	50.0	49.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.5	50.0	50.0	50.0	48.4	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.3	50.0	50.0	50.0	47.8	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930	47.0	50.0	50.0	50.0	47.2	4930	4930	4930
	20	49.3	50.0	50.0	50.0	4760	4760	4760	4760	45.8	50.0	50.0	50.0	46.6	4760	4760	4760
	25	47.9	50.0	50.0	50.0	4580	4580	4580	4580	44.5	48.5	50.0	50.0	4580	4580	4580	4580
	30	46.5	4840	4840	4840	4410	4410	4410	4410	43.2	47.1	4840	4840	4410	4410	4410	4410
			10-1	10-1	10-1												
	35	45.1	4650	4650	4650	4240	4240	4240	4240	41.9	45.7	4650	4650	4240	4240	4240	4240
			09-2	16-3	17-3												
	$V_1 : V_R$	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	45.5	49.5	50.0	50.0	46.8	50.0	50.0	50.0
	5	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	45.3	49.3	50.0	50.0	46.2	50.0	50.0	50.0
	10	48.8	50.0	50.0	50.0	49.5	50.0	50.0	50.0	45.0	49.0	50.0	50.0	45.7	49.7	50.0	50.0
	15	48.5	50.0	50.0	50.0	48.9	4930	4930	4930	44.8	48.7	50.0	50.0	45.1	49.1	4930	4930
	20	47.3	50.0	50.0	50.0	4760	4760	4760	4760	43.7	47.5	49.0	50.0	44.5	4760	4760	4760
	25	45.9	49.5	50.0	50.0	4580	4580	4580	4580	42.4	46.1	47.5	48.9	43.8	4580	4580	4580
	30	44.6	48.0	4840	4840	4410	4410	4410	4410	41.2	44.8	46.1	47.5	42.5	4410	4410	4410
	35	43.3	4650	4650	4650	4240	4240	4240	4240	40.0	43.5	44.8	46.1	41.3	4240	4240	4240
	$V_1 : V_R$	0.92	0.95	0.96	0.97	0.94	0.98	0.99	1.00	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.0	50.0	50.0	50.0	49.3	50.0	50.0	50.0	44.1	47.9	49.3	50.0	45.4	49.3	50.0	50.0
	5	47.7	50.0	50.0	50.0	48.7	50.0	50.0	50.0	43.8	47.6	49.1	50.0	44.9	48.7	50.0	50.0
	10	47.5	50.0	50.0	50.0	48.1	50.0	50.0	50.0	43.6	47.3	48.8	50.0	44.3	48.1	49.3	50.0
	15	47.2	50.0	50.0	50.0	47.5	4930	4930	4930	43.3	47.1	48.5	49.9	43.8	47.5	48.7	4930
	20	46.0	49.5	50.0	50.0	46.9	4760	4760	4760	42.3	45.9	47.3	48.7	43.2	46.9	4760	4760
	25	44.7	48.1	49.4	50.0	4580	4580	4580	4580	41.0	44.6	45.9	47.2	42.5	4580	4580	4580
	30	43.4	46.7	47.9	4840	4410	4410	4410	4410	39.8	43.3	44.6	45.8	41.3	4410	4410	4410
	35	42.1	45.3	4650	4650	4240	4240	4240	4240	----	42.0	43.3	44.5	40.0	4240	4240	4240
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96	0.95	0.97	0.98	0.98	0.96	0.99	1.00	1.00
10 mm slush or standing water	OAT [°C] 0	44.0	47.6	49.0	50.0	45.4	49.0	50.0	50.0	40.3	44.0	45.3	46.7	41.8	45.4	46.6	47.8
	5	43.8	47.3	48.7	50.0	44.8	48.4	49.7	50.0	40.1	43.7	45.1	46.5	41.3	44.8	46.0	47.3
	10	43.5	47.1	48.4	49.7	44.3	47.9	49.1	50.0	39.8	43.5	44.8	46.2	40.8	44.3	45.5	46.7
	15	43.3	46.8	48.1	49.4	43.7	47.2	48.4	4930	39.6	43.2	44.6	45.9	40.3	43.7	44.9	46.1
	20	42.2	45.7	47.0	48.2	43.2	46.6	4760	4760		42.2	43.5	44.8	39.8	43.2	44.3	45.5
	25	41.0	44.3	45.6	46.8	42.5	45.8	4580	4580	--	40.9	42.2	43.5	39.1	42.5	43.6	44.8
	30	39.8	43.0	44.2	45.4	41.2	4410	4410	4410	----	39.7	41.0	42.2	----	41.2	42.3	43.4
	35	----	41.8	43.0	44.1	40.0	4240	4240	4240	----	----	39.8	41.0	----	40.0	41.1	42.2
	$V_1 : V_R$	0.87	0.90	0.91	0.93	0.89	0.93	0.94	0.94	0.95	0.97	0.98	0.98	0.96	0.99	0.99	1.00
10-50mm dry snow		46.4	49.9	50.0	50.0	47.7	50.0	50.0	50.0	42.4	46.0	47.3	48.6	43.8	47.3	48.6	49.9
	$V_1 : V_R$	0.82	0.85	0.86	0.88	0.84	0.88	0.89	0.91	0.89	0.91	0.92	0.93	0.90	0.94	0.95	0.95

location		PALERMO ITALY PUNTA RAISI APT. LICJ															
RWY	elev.[m]	25				20				07				20			
slope	stength	<0,5				SIWL 30,0 t				<0,5				SIWL 30,0 t			
TORA	[m]	3000								3000							
TODA		3120								3300							
ASDA		3120								3300							
LDA		3000								3000							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	49.8	50.0	50.0	50.0	4930	4930	4930	4930	50.0	50.0	50.0	50.0	4930	4930	4930	4930
	20	48.6	50.0	50.0	50.0	4750	4750	4750	4750	50.0	50.0	50.0	50.0	4750	4750	4750	4750
	25	47.1	50.0	50.0	50.0	4580	4580	4580	4580	48.5	50.0	50.0	50.0	4580	4580	4580	4580
	30	45.7	4840 04-1	4840 11-1	4840 11-1	4400	4400	4400	4400	47.1	4840 11-1	4840 11-1	4840 11-1	4400	4400	4400	4400
	35	44.4	4640 09-1	4640 10-3	4640 17-3	4230	4230	4230	4230	45.7	4640 10-3	4640 17-3	4640 17-3	4230	4230	4230	4230
	$V_1 : V_R$	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	48.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	48.4	50.0	50.0	50.0	49.4	50.0	50.0	50.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	48.1	50.0	50.0	50.0	48.8	50.0	50.0	50.0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	47.8	50.0	50.0	50.0	48.2	4930	4930	4930	48.8	50.0	50.0	50.0	4930	4930	4930	4930
	20	46.6	50.0	50.0	50.0	4750	4750	4750	4750	48.0	50.0	50.0	50.0	4750	4750	4750	4750
	25	45.2	48.7	50.0	50.0	4580	4580	4580	4580	46.6	50.0	50.0	50.0	4580	4580	4580	4580
	30	43.9	47.3	4840	4840	4400	4400	4400	4400	45.2	4840	4840	4840	4400	4400	4400	4400
	35	42.6	45.9	4640	4640	4230	4230	4230	4230	43.8	4640	4640	4640	4230	4230	4230	4230
	$V_1 : V_R$	0.91	0.94	0.95	0.96	0.94	0.98	0.98	0.99	0.93	0.95	0.96	0.97	0.95	0.99	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	47.3	50.0	50.0	50.0	48.7	50.0	50.0	50.0	48.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	47.1	50.0	50.0	50.0	48.1	50.0	50.0	50.0	48.2	50.0	50.0	50.0	49.4	50.0	50.0	50.0
	10	46.8	50.0	50.0	50.0	47.5	50.0	50.0	50.0	47.8	50.0	50.0	50.0	48.8	50.0	50.0	50.0
	15	46.5	50.0	50.0	50.0	46.9	4930	4930	4930	47.4	50.0	50.0	50.0	48.2	4930	4930	4930
	20	45.3	48.8	50.0	50.0	46.3	4750	4750	4750	46.6	50.0	50.0	50.0	4750	4750	4750	4750
	25	44.0	47.4	48.7	49.9	45.5	4580	4580	4580	45.2	48.7	50.0	50.0	4580	4580	4580	4580
	30	42.7	46.0	47.2	4840	4400	4400	4400	4400	43.8	47.2	4840	4840	4400	4400	4400	4400
	35	41.5	44.7	45.9	4640	4230	4230	4230	4230	42.5	45.9	4640	4640	4230	4230	4230	4230
	$V_1 : V_R$	0.87	0.90	0.91	0.92	0.90	0.94	0.95	0.95	0.89	0.91	0.92	0.93	0.91	0.95	0.96	0.96
10 mm slush or standing water	OAT [°C] 0	43.4	47.0	48.3	49.6	44.8	48.4	49.6	50.0	44.6	48.3	49.6	50.0	46.0	49.7	50.0	50.0
	5	43.2	46.7	48.0	49.3	44.2	47.8	49.0	50.0	44.3	48.0	49.4	50.0	45.4	49.1	50.0	50.0
	10	42.9	46.4	47.8	49.1	43.7	47.2	48.4	49.7	43.9	47.6	48.9	50.0	44.9	48.5	49.7	50.0
	15	42.7	46.2	47.5	48.8	43.1	46.6	47.8	49.0	43.5	47.2	48.5	49.8	44.3	47.9	49.1	4930
	20	41.6	45.0	46.3	47.5	42.6	46.0	47.2	4750	42.8	46.3	47.6	48.8	43.8	47.2	4750	4750
	25	40.4	43.7	44.9	46.1	41.9	45.2	4580	4580	41.5	44.9	46.2	47.4	43.0	4580	4580	4580
	30	39.2	42.4	43.6	44.8	40.6	43.9	4400	4400	40.2	43.6	44.8	46.0	41.7	4400	4400	4400
	35	----	41.2	42.4	43.5	39.4	4230	4230	4230	39.0	42.3	43.5	44.7	40.5	4230	4230	4230
	$V_1 : V_R$	0.87	0.90	0.91	0.92	0.89	0.92	0.93	0.94	0.88	0.90	0.91	0.92	0.90	0.93	0.94	0.95
10-50mm dry snow	$V_1 : V_R$																

location		PALERMO ITALY PUNTA RAISI APT. LICJ			
RWY	elev.[m]	03/21	20		
slope	stength	<0,5	LCN80		
TORA	[m]	2160			
TODA	[m]	2160			
ASDA	[m]	2160			
LDA	[m]	2160			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	41.6	45.3	46.7	48.1	43.0	46.7	48.0	49.2								
	5	41.4	45.0	46.4	47.8	42.5	46.1	47.4	48.6								
	10	41.1	44.8	46.2	47.5	42.0	45.5	46.8	48.0								
	15	40.9	44.5	45.9	47.3	41.5	45.0	46.2	47.4								
	20	39.9	43.4	44.7	46.1	40.9	44.4	45.6	46.8								
	25	----	42.1	43.4	44.7	40.3	43.6	44.8	4580								
	30	----	40.9	42.2	43.4	39.1	42.4	43.5	4400								
	35	----	39.7	40.9	42.1	----	41.1	42.2	4230								
	$V_1 : V_R$	0.94	0.96	0.97	0.97	0.95	0.98	0.99	0.99								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	40.2	43.7	45.0	46.3	41.7	45.1	46.3	47.6								
	5	40.0	43.4	44.7	46.0	41.2	44.5	45.8	47.0								
	10	39.7	43.2	44.5	45.8	40.7	44.0	45.2	46.4								
	15	39.5	42.9	44.2	45.5	40.2	43.4	44.6	45.8								
	20	----	41.9	43.1	44.4	39.7	42.9	44.1	45.2								
	25	----	40.6	41.9	43.1	39.0	42.2	43.3	44.5								
	30	----	39.5	40.6	41.8	----	40.9	42.0	43.1								
	35	----	----	39.5	40.6	----	39.7	40.8	41.9								
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.90	0.93	0.94	0.95								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	39.3	42.6	43.9	45.1	40.8	44.1	45.3	46.5								
	5	39.1	42.4	43.6	44.9	40.3	43.5	44.7	45.9								
	10	----	42.2	43.4	44.6	39.8	43.0	44.2	45.3								
	15	----	41.9	43.2	44.4	39.3	42.4	43.6	44.8								
	20	----	40.9	42.1	43.2	----	41.9	43.1	44.2								
	25	----	39.7	40.8	42.0	----	41.2	42.3	43.5								
	30	----	----	39.7	40.8	----	40.0	41.1	42.2								
	35	----	----	----	39.6	----	----	39.9	40.9								
	$V_1 : V_R$	0.82	0.87	0.88	0.89	0.85	0.89	0.90	0.91								
10 mm slush or standing water	OAT [°C] 0																
	5	----	39.3	40.5	41.7	----	40.9	42.1	43.2								
	10	----	39.1	40.3	41.5	----	40.4	41.5	42.7								
	15	----	----	40.1	41.2	----	39.9	41.0	42.2								
	20	----	----	39.8	41.0	----	39.4	40.5	41.6								
	25	----	----	----	40.0	----	----	40.0	41.1								
	30	----	----	----	----	----	----	39.3	40.4								
	35					----	----	----	39.2								
	$V_1 : V_R$	0.80	0.85	0.88	0.89	0.82	0.88	0.90	0.91								
10-50mm dry snow	$V_1 : V_R$																

location		PAPHOS			
		CYPRUS	PAPHOS INT'L	LCPH	
RWY	elev.[m]	11	12	29	12
slope	stength	< 0,5	PCN80 F/C/W/T	< 0,5	PCN80 F/C/W/T
TORA	[m]	2700		2700	
TODA	[m]	3375		4000	
ASDA	[m]	2700		2700	
LDA	[m]	2700		2700	

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	48.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	47.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	47.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	47.0	50.0	50.0	50.0	49.0	4930	4930	4930	47.0	50.0	50.0	50.0	49.0	4930	4930	4930
		20	46.2	50.0	50.0	50.0	4750	4750	4750	4750	46.2	50.0	50.0	50.0	4750	4750	4750	4750
		25	44.9	48.6	50.0	50.0	4580	4580	4580	4580	44.9	48.6	50.0	50.0	4580	4580	4580	4580
		30	43.5	47.2	4840	4840	4410	4410	4410	4410	43.5	47.2	4840	4840	4410	4410	4410	4410
		35	42.2	45.7	4640	4640	4230	4230	4230	4230	42.2	45.7	4640	4640	4230	4230	4230	4230
	$V_1 : V_R$		0.94	0.93	0.94	0.95	0.96	0.97	0.98	0.99	0.94	0.90	0.91	0.92	0.96	0.95	0.96	0.98
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	46.4	50.0	50.0	50.0	48.3	50.0	50.0	50.0	46.4	50.0	50.0	50.0	48.3	50.0	50.0	50.0
		5	46.0	49.8	50.0	50.0	48.2	50.0	50.0	50.0	46.0	49.8	50.0	50.0	48.2	50.0	50.0	50.0
		10	45.6	49.4	50.0	50.0	48.2	50.0	50.0	50.0	45.6	49.4	50.0	50.0	48.2	50.0	50.0	50.0
		15	45.2	48.9	50.0	50.0	47.1	4930	4930	4930	45.2	48.9	50.0	50.0	47.1	4930	4930	4930
		20	44.5	48.1	49.5	50.0	46.0	4750	4750	4750	44.5	48.1	49.5	50.0	46.0	4750	4750	4750
		25	43.2	46.7	48.0	49.3	44.9	4580	4580	4580	43.2	46.7	48.0	49.3	44.9	4580	4580	4580
		30	41.9	45.3	46.6	47.8	43.8	4410	4410	4410	41.9	45.3	46.6	47.8	43.8	4410	4410	4410
		35	40.6	44.0	45.2	46.4	4230	4230	4230	4230	40.6	44.0	45.2	46.4	4230	4230	4230	4230
	$V_1 : V_R$		0.89	0.91	0.89	0.91	0.90	0.92	0.93	0.94	0.89	0.91	0.86	0.87	0.90	0.90	0.91	0.92
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	45.2	48.9	50.0	50.0	47.0	50.0	50.0	50.0	45.2	48.9	50.0	50.0	47.0	50.0	50.0	50.0
		5	44.9	48.5	49.8	50.0	47.0	50.0	50.0	50.0	44.9	48.5	49.8	50.0	47.0	50.0	50.0	50.0
		10	44.5	48.1	49.4	50.0	46.9	50.0	50.0	50.0	44.5	48.1	49.4	50.0	46.9	50.0	50.0	50.0
		15	44.1	47.7	49.0	50.0	45.9	4930	4930	4930	44.1	47.7	49.0	50.0	45.9	4930	4930	4930
		20	43.4	46.9	48.2	49.4	44.8	4750	4750	4750	43.4	46.9	48.2	49.4	44.8	4750	4750	4750
		25	42.1	45.5	46.7	47.9	43.7	4580	4580	4580	42.1	45.5	46.7	47.9	43.7	4580	4580	4580
		30	40.8	44.1	45.3	46.5	42.6	4410	4410	4410	40.8	44.1	45.3	46.5	42.6	4410	4410	4410
		35	39.6	42.8	44.0	45.1	41.5	4230	4230	4230	39.6	42.8	44.0	45.1	41.5	4230	4230	4230
	$V_1 : V_R$		0.85	0.88	0.89	0.87	0.86	0.88	0.89	0.90	0.85	0.88	0.89	0.83	0.86	0.85	0.87	0.88
10 mm slush or standing water	OAT [°C]	0	41.6	45.1	46.4	47.7	43.3	46.9	48.2	49.4	41.6	45.1	46.4	47.7	43.3	46.9	48.2	49.4
		5	41.2	44.7	46.0	47.3	43.3	46.9	48.2	49.4	41.2	44.7	46.0	47.3	43.3	46.9	48.2	49.4
		10	40.8	44.3	45.6	46.9	43.2	46.8	48.1	49.3	40.8	44.3	45.6	46.9	43.2	46.8	48.1	49.3
		15	40.5	44.0	45.2	46.5	42.3	45.8	47.1	48.3	40.5	44.0	45.2	46.5	42.3	45.8	47.1	48.3
		20	39.8	43.2	44.5	45.7	41.3	44.7	46.0	47.1	39.8	43.2	44.5	45.7	41.3	44.7	46.0	47.1
		25	----	41.9	43.2	44.4	40.2	43.7	44.8	4580	----	41.9	43.2	44.4	40.2	43.7	44.8	4580
		30	----	40.7	41.9	43.0	39.2	42.6	43.7	4410	----	40.7	41.9	43.0	39.2	42.6	43.7	4410
		35	----	39.5	40.6	41.7	----	41.5	4230	4230	----	39.5	40.6	41.7	----	41.5	4230	4230
	$V_1 : V_R$		0.84	0.87	0.88	0.89	0.85	0.89	0.90	0.91	0.84	0.87	0.88	0.89	0.85	0.89	0.90	0.91
10-50mm dry snow	$V_1 : V_R$																	

location			PARIS															
			FRANCE				ORLY APT.				LFPO							
RWY	elev.[m]		07/25				89				08/26				89			
slope	stength		<0,5				AUW 180 t				<0,5				AUW 180 t			
TORA	[m]		3650								3320							
TODA			3650								3320							
ASDA			3650								3320							
LDA			07: 3350				25: 3650				08: 3320				26: 2885			
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50:0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890	50.0	50.0	50.0	50.0	4890	4890	4890	4890
		20	50.0	50.0	50.0	50.0	4720	4720	4720	4720	49.7	50.0	50.0	50.0	4720	4720	4720	4720
		25	4990	4990	4990	4990	4550	4550	4550	4550	48.3	4990	4990	4990	4550	4550	4550	4550
		30	4800	4800	4800	4800	4370	4370	4370	4370	46.8	4800	4800	4800	4370	4370	4370	4370
			06-1	08-2	08-2	08-2						08-2	08-2	08-2				
		35	4610	4610	4610	4610	4200	4200	4200	4200	45.5	4610	4610	4610	4200	4200	4200	4200
			05-2	21-3	21-3	21-3						11-3	21-3	21-3				
	$V_1 : V_R$		0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890	49.1	50.0	50.0	50.0	4890	4890	4890	4890
		20	50.0	50.0	50.0	50.0	4720	4720	4720	4720	47.7	50.0	50.0	50.0	4720	4720	4720	4720
		25	48.6	4990	4990	4990	4550	4550	4550	4550	46.3	49.8	4990	4990	4550	4550	4550	4550
		30	47.1	4800	4800	4800	4370	4370	4370	4370	44.9	4800	4800	4800	4370	4370	4370	4370
		35	45.8	4610	4610	4610	4200	4200	4200	4200	43.6	4610	4610	4610	4200	4200	4200	4200
	$V_1 : V_R$		0.93	0.96	0.97	0.98	0.97	1.00	1.00	1.00	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0	49.4	50:0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.0	50.0	50.0	50.0	48.7	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4890	4890	4890	4890	47.8	50.0	50.0	50.0	48.1	4890	4890	4890
		20	48.6	50.0	50.0	50.0	4720	4720	4720	4720	46.4	49.8	50.0	50.0	4720	4720	4720	4720
		25	47.2	4990	4990	4990	4550	4550	4550	4550	45.0	48.4	49.6	4990	4550	4550	4550	4550
		30	45.8	4800	4800	4800	4370	4370	4370	4370	43.7	47.0	4800	4800	4370	4370	4370	4370
		35	44.5	4610	4610	4610	4200	4200	4200	4200	42.4	45.6	4610	4610	4200	4200	4200	4200
	$V_1 : V_R$		0.89	0.92	0.94	0.95	0.92	0.97	0.98	0.99	0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.97
10 mm slush or standing water	OAT [°C]	0	46.8	50.0	50.0	50.0	48.2	50.0	50.0	50.0	44.6	48.2	49.6	50.0	45.9	49.6	50.0	50.0
		5	46.5	50.0	50.0	50.0	47.6	50.0	50.0	50.0	44.3	47.9	49.3	50.0	45.4	49.0	50.0	50.0
		10	46.3	49.9	50.0	50.0	46.9	50.0	50.0	50.0	44.1	47.6	49.0	50.0	44.8	48.3	49.6	50.0
		15	46.0	49.6	50.0	50.0	46.3	4890	4890	4890	43.8	47.3	48.7	50.0	44.2	47.7	4890	4890
		20	44.7	48.1	49.5	50.0	45.7	4720	4720	4720	42.5	46.0	47.3	48.5	43.6	47.1	4720	4720
		25	43.3	46.7	48.0	49.2	44.8	4550	4550	4550	41.3	44.6	45.9	47.1	42.7	4550	4550	4550
		30	42.1	45.4	46.6	47.8	43.5	4370	4370	4370	40.1	43.3	44.5	45.7	41.5	4370	4370	4370
		35	40.9	44.0	45.2	4610	4200	4200	4200	4200	----	42.1	43.2	44.4	40.3	4200	4200	4200
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.91	0.95	0.95	0.96	0.88	0.90	0.91	0.92	0.90	0.93	0.94	0.95
10-50mm dry snow			49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.0	50.0	50.0	50:0	48.3	50.0	50.0	50.0
	$V_1 : V_R$		0.84	0.87	0.88	0.89	0.86	0.91	0.92	0.93	0.82	0.86	0.87	0.88	0.85	0.89	0.90	0.91

Date: 21.01.1985

location			PARIS			
			FRANCE	ORLY APT.		LFPO
RWY	elev.[m]		02L/20R	89		
slope	stength		<0,5	AUW 150 t		
TORA	[m]		2400			
TODA			2400			
ASDA			2400			
LDA			2400			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	43.8	47.6	49.0	50.0	45.2	49.0	50.0	50.0								
		5	43.6	47.3	48.8	50.0	44.6	48.4	49.7	50.0								
		10	43.3	47.0	48.5	49.9	44.0	47.8	49.0	50.0								
		15	43.0	46.8	48.2	49.6	43.4	47.1	48.4	4890								
		20	41.8	45.4	46.8	48.1	42.9	46.5	4720	4720								
		25	40.6	44.1	45.4	46.7	42.0	4550	4550	4550								
		30	39.4	42.8	44.1	45.3	40.8	4370	4370	4370								
		35	----	41.5	42.8	44.0	39.6	4200	4200	4200								
	$V_1 : V_R$		0.95	0.97	0.98	0.98	0.96	0,99	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	42.2	45.8	47.2	48.5	43.6	47.2	48.5	49.7								
		5	42.0	45.5	46.9	48.2	43.1	46.6	47.9	49.1								
		10	41.7	45.3	46.6	47.9	42.5	46.0	47.2	48.5								
		15	41.5	45.0	46.3	47.6	42.0	45.4	46.6	47.8								
		20	40.3	43.7	45.0	46.2	41.4	44.8	46.0	4720								
		25	39.1	42.4	43.7	44.9	40.6	43.9	45.1	4550								
		30	----	41.2	42.4	43.6	39.4	42.6	4370	4370								
		35	----	40.0	41.2	42.3	----	41.4	4200	4200								
	$V_1 : V_R$		0.89	0.92	0.93	0.93	0.91	0.94	0.95	0.96								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	41.2	44.7	46.0	47.2	42.7	46.0	47.3	48.5								
		5	41.0	44.4	45.7	46.9	42.1	45.4	46.7	47.9								
		10	40.7	44.1	45.4	46.7	41.6	44.9	46.1	47.3								
		15	40.5	43.9	45.1	46.4	41.0	44.3	45.5	46.7								
		20	39.3	42.6	43.8	45.0	40.5	43.7	44.9	46.1								
		25	----	41.4	42.5	43.7	39.7	42.8	44.0	45.1								
		30	----	40.2	41.3	42.4	----	41.6	42.7	4370								
		35	----	39.0	40.1	41.2	----	40.3	41.4	4200								
	$V_1 : V_R$		0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92								
10 mm slush or standing water	OAT [°C]	0	----	41.1	42.4	43.6	39.5	42.6	43.8	45.0								
		5	----	40.9	42.1	43.3	----	42.1	43.3	44.4								
		10	----	40.7	41.9	43.1	----	41.5	42.7	43.9								
		15	----	40.4	41.6	42.8	----	41.0	42.1	43.3								
		20	----	39.3	40.4	41.6	----	40.5	41.6	42.7								
		25	----	----	39.3	40.4	----	39.7	40.8	41.9								
		30	----	----	----	39.2	----	----	39.6	40.7								
		35	----	----	----	----	----	----	----	39.5								
	$V_1 : V_R$		0.82	0.88	0.89	0.89	0.84	0.89	0.91	0.92								
10-50mm dry snow			40.0	43.3	44.5	45.7	41.5	44.7	45.9	47.1								
	$V_1 : V_R$		0.79	0.82	0.83	0.85	0.80	0.85	0.86	0.87								

location		PARIS															
		FRANCE				LE BOURGET APT.				LFPB							
RWY	elev.[m]	25				66				07				66			
slope	stength	0,7 downhill				SIWL 35 t				0,7 uphill				SIWL 35 t			
TORA	[m]	3000								3000							
TODA		3050								3050							
ASDA		3000								3000							
LDA		2100								2700							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.7	50.0	50.0	50.0	49.7	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.4	50.0	50.0	50.0	49.0	50.0	50.0	50.0
	15	49.8	50.0	50.0	50.0	4900	4900	4900	4900	48.1	50.0	50.0	50.0	48.4	4900	4900	4900
	20	48.4	50.0	50.0	50.0	4730	4730	4730	4730	46.7	50.0	50.0	50.0	4730	4730	4730	4730
	25	46.9	50.0	50.0	50.0	4560	4560	4560	4560	45.4	49.1	50.0	50.0	4560	4560	4560	4560
	30	45.6	4810	4810	4810	4380	4380	4380	4380	44.0	47.6	4810	4810	4380	4380	4380	4380
			04-1	06-2	06-2							03-1	06-2				
	35	44.2	4620	4620	4620	4210	4210	4210	4210	42.8	4620	4620	4620	4210	4210	4210	4210
			09-1	15-2	20-3							09-1	15-2				
	$V_1 : V_R$	0.94	0.97	0.98	0.99	0.98	1.00	1.00	1.00	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0
	5	48.4	50.0	50.0	50.0	49.3	50.0	50.0	50.0	46.7	50.0	50.0	50.0	47.7	50.0	50.0	50.0
	10	48.2	50.0	50.0	50.0	48.7	50.0	50.0	50.0	46.4	50.0	50.0	50.0	47.1	50.0	50.0	50.0
	15	47.9	50.0	50.0	50.0	48.1	4900	4900	4900	46.1	49.9	50.0	50.0	46.5	4900	4900	4900
	20	46.5	50.0	50.0	50.0	4730	4730	4730	4730	44.8	48.5	49.8	50.0	45.9	4730	4730	4730
	25	45.2	48.6	49.9	50.0	4560	4560	4560	4560	43.5	47.0	48.4	49.6	45.0	4560	4560	4560
	30	43.9	47.2	4810	4810	4380	4380	4380	4380	42.3	45.6	46.9	4810	43.7	4380	4380	4380
	35	42.6	45.8	4620	4620	4210	4210	4210	4210	41.0	44.3	45.6	4620	4210	4210	4210	4210
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.98	0.92	0.95	0.96	0.96	0.94	0.98	0.98	0.99
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	47.5	50.0	50.0	50.0	48.7	50.0	50.0	50.0	45.7	49.3	50.0	50.0	47.0	50.0	50.0	50.0
	5	47.2	50.0	50.0	50.0	48.0	50.0	50.0	50.0	45.4	49.0	50.0	50.0	46.4	50.0	50.0	50.0
	10	46.9	50.0	50.0	50.0	47.4	50.0	50.0	50.0	45.1	48.7	50.0	50.0	45.8	49.5	50.0	50.0
	15	46.7	50.0	50.0	50.0	46.8	4900	4900	4900	44.9	48.4	49.8	50.0	45.2	48.8	4900	4900
	20	45.4	48.8	50.0	50.0	46.2	4730	4730	4730	43.6	47.1	48.4	49.7	44.6	4730	4730	4730
	25	44.0	47.3	48.6	49.8	45.3	4560	4560	4560	42.3	45.7	47.0	48.2	43.8	4560	4560	4560
	30	42.7	45.9	47.1	4810	4380	4380	4380	4380	41.1	44.4	45.6	46.8	42.5	4380	4380	4380
	35	41.5	44.6	45.8	4620	4210	4210	4210	4210	39.9	43.1	44.3	45.4	41.2	4210	4210	4210
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.88	0.92	0.93	0.94	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.95
10 mm slush or standing water	OAT [°C] 0	43.5	47.0	48.3	49.6	44.7	48.2	49.5	50.0	42.0	45.5	46.8	48.1	43.4	46.9	48.1	49.4
	5	43.2	46.7	48.0	49.3	44.2	47.6	48.9	50.0	41.7	45.2	46.6	47.8	42.8	46.3	47.5	48.7
	10	43.0	46.4	47.7	49.0	43.6	47.0	48.3	49.5	41.5	45.0	46.3	47.6	42.3	45.7	46.9	48.1
	15	42.7	46.2	47.5	48.7	43.0	46.4	47.6	48.9	41.2	44.7	46.0	47.3	41.7	45.1	46.3	47.5
	20	41.5	44.9	46.1	47.4	42.5	45.8	47.0	4730	40.1	43.5	44.7	46.0	41.2	44.5	45.7	46.9
	25	40.3	43.6	44.8	46.0	41.7	44.9	4560	4560	----	42.2	43.4	44.6	40.4	43.7	44.8	4560
	30	39.2	42.3	43.5	44.6	40.5	43.6	4380	4380	----	41.0	42.2	43.3	39.2	42.4	43.5	4380
	35	----	41.1	42.2	43.3	39.3	4210	4210	4210	----	39.8	40.9	42.1	----	41.1	4210	4210
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.87	0.91	0.91	0.92	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.94
10-50mm dry snow		46.1	49.5	50.0	50.0	47.2	50.0	50.0	50.0	44.2	47.6	48.9	50.0	45.5	49.0	50.0	50.0
	$V_1 : V_R$	0.79	0.83	0.84	0.85	0.82	0.86	0.87	0.89	0.82	0.85	0.87	0.88	0.84	0.88	0.89	0.90

location			PARIS			
			FRANCE	LE BOURGET APT.	LFPB	
RWY	elev.[m]		03/21	66		
slope	stength		< 0,5	SIWL 35 t		
TORA	[m]		2665			
TODA			2665			
ASDA			2665			
LDA			2665			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	46.4	50.0	50.0	50.0	47.8	50.0	50.0	50.0								
		5	46.2	50.0	50.0	50.0	47.2	50.0	50.0	50.0								
		10	45.9	49.7	50.0	50.0	46.5	50.0	50.0	50.0								
		15	45.6	49.4	50.0	50.0	45.9	4900	4900	4900								
		20	44.3	48.1	49.5	50.0	45.4	4730	4730	4730								
		25	43.0	46.6	48.0	49.4	44.5	4560	4560	4560								
		30	41.8	45.3	46.6	47.9	43.2	4380	4380	4380								
		35	40.6	44.0	45.3	4620	41.9	4210	4210	4210								
	$V_1 : V_R$		0.95	0.98	0.98	0.99	0.98	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	44.7	48.3	49.7	50.0	46.0	49.8	50.0	50.0								
		5	44.4	48.1	49.4	50.0	45.4	49.1	50.0	50.0								
		10	44.2	47.8	49.2	50.0	44.9	48.5	49.8	50.0								
		15	43.9	47.5	48.9	50.0	44.3	47.9	4900	4900								
		20	42.7	46.2	47.5	48.8	43.7	47.3	4730	4730								
		25	41.4	44.8	46.1	47.4	42.9	4560	4560	4560								
		30	40.2	43.5	44.8	46.0	41.6	4380	4380	4380								
		35	39.1	42.3	43.5	44.6	40.4	4210	4210	4210								
	$V_1 : V_R$		0.90	0.93	0.94	0.94	0.92	0.95	0.96	0.97								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	43.5	47.1	48.4	49.7	44.9	48.5	49.7	50.0								
		5	43.3	46.8	48.1	49.4	44.3	47.8	49.1	50.0								
		10	43.0	46.5	47.8	49.1	43.8	47.2	48.5	49.7								
		15	42.8	46.3	47.6	48.8	43.2	46.6	47.8	4900								
		20	41.6	45.0	46.2	47.5	42.7	46.0	47.2	4730								
		25	40.4	43.6	44.9	46.1	41.8	45.1	4560	4560								
		30	39.2	42.4	43.6	44.7	40.6	43.8	4380	4380								
		35	----	41.1	42.3	43.4	39.4	4210	4210	4210								
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93								
10 mm slush or standing water	OAT [°C]	0	39.9	43.3	44.6	45.9	41.4	44.7	46.0	47.2								
		5	39.7	43.1	44.4	45.6	40.9	44.2	45.4	46.6								
		10	39.5	42.8	44.1	45.4	40.4	43.6	44.8	46.0								
		15	39.2	42.6	43.9	45.1	39.9	43.1	44.2	45.4								
		20	----	41.4	42.6	43.8	39.4	42.5	43.7	44.8								
		25	----	40.2	41.4	42.6	----	41.7	42.8	44.0								
		30	----	39.0	40.2	41.3	----	40.5	41.6	42.7								
		35	----	----	39.0	40.1	----	39.3	40.4	41.4								
	$V_1 : V_R$		0.85	0.89	0.89	0.90	0.87	0.91	0.92	0.93								
10-50mm dry snow			42.2	45.6	46.8	48.1	43.6	46.9	48.2	49.4								
	$V_1 : V_R$		0.80	0.83	0.84	0.86	0.82	0.86	0.87	0.88								

location		PARIS			
		FRANCE CHARLES DE GAULLE LFPG			
RWY	elev.[m]	09/27	118	28	118
slope	stength	< 0,5	198 t	< 0,5	198 t
TORA	[m]	3600		3615	
TODA		3660		3615	
ASDA		3660		3675	
LDA		3600		3615	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50,0
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880	50.0	50.0	50.0	50.0	4880	4880	4880	4880
	20	50.0	50.0	50.0	50.0	4700	4700	4700	4700	50.0	50.0	50.0	50.0	4700	4700	4700	4700
	25	4980	4980	4980	4980	4530	4530	4530	4530	4980	4980	4980	4980	4530	4530	4530	4530
	30	4790	4790	4790	4790	4360	4360	4360	4360	4790	4790	4790	4790	4360	4360	4360	4360
		07-1	09-2	09-2	09-2					06-1	09-2	09-2	09-2				
	35	4590	4590	4590	4590	4190	4190	4190	4190	4590	4590	4590	4590	4190	4190	4190	4190
		06-2	16-4	16-4	16-4					05-2	16-4	16-4	16-4				
	$V_1 : V_R$	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880	50.0	50.0	50.0	50.0	4880	4880	4880	4880
	20	49.9	50.0	50.0	50.0	4700	4700	4700	4700	49.8	50.0	50.0	50.0	4700	4700	4700	4700
	25	48.4	4980	4980	4980	4530	4530	4530	4530	48.3	4980	4980	4980	4530	4530	4530	4530
	30	47.0	4790	4790	4790	4360	4360	4360	4360	46.9	4790	4790	4790	4360	4360	4360	4360
	35	45.7	4590	4590	4590	4190	4190	4190	4190	45.6	4590	4590	4590	4190	4190	4190	4190
	$V_1 : V_R$	0.93	0.96	0.97	0.99	0.97	1.00	1.00	1.00	0.94	0.97	0.98	0.99	0.97	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880	49.8	50.0	50.0	50.0	4880	4880	4880	4880
	20	48.5	50.0	50.0	50.0	4700	4700	4700	4700	48.4	50.0	50.0	50.0	4700	4700	4700	4700
	25	47.1	4980	4980	4980	4530	4530	4530	4530	46.9	4980	4980	4980	4530	4530	4530	4530
	30	45.7	4790	4790	4790	4360	4360	4360	4360	45.6	4790	4790	4790	4360	4360	4360	4360
	35	44.4	4590	4590	4590	4190	4190	4190	4190	44.3	4590	4590	4590	4190	4190	4190	4190
	$V_1 : V_R$	0.89	0.92	0.94	0.95	0.92	0.97	0.98	0.99	0.90	0.93	0.94	0.95	0.93	0.97	0.98	0.99
10 mm slush or standing water	OAT [°C] 0	46.8	50.0	50.0	50.0	48.1	50.0	50.0	50.0	46.7	50.0	50.0	50.0	48.0	50.0	50.0	50.0
	5	46.5	50.0	50.0	50.0	47.5	50.0	50.0	50.0	46.4	50.0	50.0	50.0	47.4	50.0	50.0	50.0
	10	46.2	49.8	50.0	50.0	46.9	50.0	50.0	50.0	46.1	49.7	50.0	50.0	46.8	50.0	50.0	50.0
	15	45.9	49.5	50.0	50.0	46.3	4880	4880	4880	45.8	49.4	50.0	50.0	46.1	4880	4880	4880
	20	44.5	48.0	49.3	50.0	45.7	4700	4700	4700	44.4	47.9	49.2	50.0	45.5	4700	4700	4700
	25	43.2	46.6	47.9	49.1	44.7	4530	4530	4530	43.1	46.5	47.8	49.0	44.6	4530	4530	4530
	30	42.0	45.2	46.5	47.7	43.4	4360	4360	4360	41.9	45.1	46.4	47.6	43.3	4360	4360	4360
	35	40.8	43.9	45.1	4590	4190	4190	4190	4190	40.7	43.8	45.0	4590	4190	4190	4190	4190
	$V_1 : V_R$	0.89	0.91	0.92	0.93	0.91	0.95	0.95	0.96	0.89	0.92	0.93	0.94	0.91	0.95	0.96	0.97
10-50mm dry snow		49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	$V_1 : V_R$	0.84	0.87	0.88	0.89	0.86	0.91	0.92	0.93	0.84	0.87	0.89	0.90	0.87	0.91	0.92	0.93

location			PARIS			
			FRANCE	CHARLES DE GAULLE	LFPG	
RWY	elev.[m]		10	118		
slope	stength		< 0,5	198 t		
TORA	[m]		3615			
TODA			3675			
ASDA			3675			
LDA			3615			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4880	4880	4880	4880								
		20	50.0	50.0	50.0	50.0	4700	4700	4700	4700								
		25	4980	4980	4980	4980	4530	4530	4530	4530								
		30	4790	4790	4790	4790	4360	4360	4360	4360								
			08-1	09-2	09-2	09-2												
		35	4590	4590	4590	4590	4190	4190	4190	4190								
			07-2	16-4	16-4	16-4												
	$V_1 : V_R$		0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4880	4880	4880	4880								
		20	50.0	50.0	50.0	50.0	4700	4700	4700	4700								
		25	48.5	4980	4980	4980	4530	4530	4530	4530								
		30	47.1	4790	4790	4790	4360	4360	4360	4360								
		35	45.8	4590	4590	4590	4190	4190	4190	4190								
	$V_1 : V_R$		0.93	0.96	0.98	0.99	0.97	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4880	4880	4880	4880								
		20	48.6	50.0	50.0	50.0	4700	4700	4700	4700								
		25	47.2	4980	4980	4980	4530	4530	4530	4530								
		30	45.8	4790	4790	4790	4360	4360	4360	4360								
		35	44.5	4590	4590	4590	4190	4190	4190	4190								
	$V_1 : V_R$		0.89	0.93	0.94	0.95	0.92	0.97	0.98	0.99								
10 mm slush or standing water	OAT [°C]	0	46.9	50.0	50.0	50.0	48.2	50.0	50.0	50.0								
		5	46.6	50.0	50.0	50.0	47.6	50.0	50.0	50.0								
		10	46.3	49.9	50.0	50.0	47.0	50.0	50.0	50.0								
		15	46.0	49.6	50.0	50.0	46.4	4880	4880	4880								
		20	44.6	48.1	49.4	50.0	45.8	4700	4700	4700								
		25	43.3	46.7	48.0	49.2	44.8	4530	4530	4530								
		30	42.1	45.3	46.6	47.8	43.5	4360	4360	4360								
		35	40.9	44.0	45.2	4590	4190	4190	4190	4190								
	$V_1 : V_R$		0.89	0.91	0.93	0.94	0.91	0.95	0.96	0.96								
10-50mm dry snow			49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	$V_1 : V_R$		0.84	0.87	0.88	0.89	0.86	0.91	0.92	0.93								

location		POPRAD			
		CSSR TATRY APT. LKTT			
RWY	elev.[m]	27	718	09	718
slope	stength	0,9 uphill	PCN50 R/C/X/U	0,9 downhill	PCN50 R/C/X/U
TORA	[m]	2600		2600	
TODA		2700		2700	
ASDA		2600		2600	
LDA		2600		2600	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	43.5	47.2	48.6	50.0	44.8	48.6	49.9	50.0	45.4	49.0	50.0	50.0	46.6	50.0	50.0	50.0
	5	43.1	46.8	48.2	49.6	44.0	47.8	49.0	4920	45.0	48.6	49.9	50.0	45.8	4920	4920	4920
	10	42.2	45.8	47.2	48.5	43.2	46.9	4750	4750	44.1	47.6	48.9	50.0	44.9	4750	4750	4750
	15	41.0	44.5	45.8	47.1	42.4	4590	4590	4590	42.8	46.2	47.5	48.7	44.1	4590	4590	4590
	20	39.8	43.2	44.5	45.7	41.2	4420	4420	4420	41.5	44.9	46.1	47.3	42.8	4420	4420	4420
	25	----	42.0	43.2	44.4	40.0	4260	4260	4260	40.4	43.6	44.8	46.0	41.6	4260	4260	4260
	30	----	40.8	42.0	43.2	----	4090	4090	4090	39.2	42.3	43.5	44.7	40.3	4090	4090	4090
	35																
	$V_1 : V_R$	0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00	0.92	0.95	0.96	0.97	0.95	0.98	0.99	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	41.8	45.3	46.7	48.0	43.2	46.7	48.0	49.2	43.8	47.2	48.5	49.8	45.0	48.6	49.8	50.0
	5	41.5	44.9	46.2	47.5	42.4	45.9	47.1	48.3	43.4	46.8	48.1	49.4	44.2	47.7	48.9	4920
	10	40.6	44.0	45.3	46.6	41.7	45.1	46.3	47.4	42.5	45.9	47.1	48.3	43.4	46.8	4750	4750
	15	39.5	42.7	44.0	45.2	40.9	44.2	45.4	4590	41.3	44.5	45.7	46.9	42.6	4590	4590	4590
	20	----	41.5	42.7	43.9	39.7	42.9	44.1	4420	40.1	43.2	44.4	45.6	41.3	4420	4420	4420
	25	----	40.3	41.5	42.6	----	41.7	4260	4260	----	42.0	43.1	44.3	40.1	4260	4260	4260
	30	----	39.2	40.3	41.4	----	40.4	4090	4090	----	40.8	41.9	43.0	----	4090	4090	4090
	35																
	$V_1 : V_R$	0.90	0.93	0.94	0.95	0.92	0.96	0.96	0.97	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	40.8	44.1	45.4	46.6	42.1	45.5	46.7	47.9	42.8	46.1	47.3	48.6	43.9	47.3	48.6	49.8
	5	40.4	43.7	45.0	46.2	41.4	44.7	45.9	47.1	42.4	45.7	46.9	48.1	43.2	46.5	47.7	48.9
	10	39.6	42.9	44.1	45.3	40.7	43.9	45.0	46.2	41.5	44.8	46.0	47.1	42.4	45.6	46.8	4750
	15	----	41.6	42.8	44.0	39.9	43.1	44.2	45.4	40.3	43.5	44.6	45.8	41.6	44.8	4590	4590
	20	----	40.4	41.6	42.7	----	41.8	42.9	44.0	39.2	42.2	43.3	44.4	40.4	43.5	4420	4420
	25	----	39.3	40.4	41.5	----	40.6	41.6	4260	----	41.0	42.1	43.2	39.2	42.2	4260	4260
	30	----	----	39.2	40.3	----	39.4	40.4	4090	----	39.8	40.9	41.9	----	4090	4090	4090
	35																
	$V_1 : V_R$	0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.83	0.86	0.87	0.88	0.85	0.89	0.90	0.91
10 mm slush or standing water	OAT [°C] 0																
	5	----	40.8	42.0	43.2	39.0	42.1	43.3	44.5	39.2	42.4	43.6	44.8	40.5	43.6	44.8	46.0
	10	----	40.4	41.6	42.8	----	41.4	42.5	43.7	----	42.0	43.2	44.4	39.8	42.9	44.0	45.2
	15	----	39.6	40.8	41.9	----	40.7	41.8	42.9	----	41.2	42.3	43.5	39.1	42.1	43.3	44.4
	20	----	----	39.6	40.7	----	39.9	41.0	42.1	----	40.0	41.1	42.2	----	41.3	42.5	43.6
	25	----	----	----	39.5	----	----	39.8	40.9	----	----	39.9	41.0	----	40.1	41.2	42.3
	30	----	----	----	----	----	----	----	39.7	----	----	----	39.8	----	----	40.0	41.0
	35					----	----	----	----	----	----	----	----	----	----	----	39.8
	$V_1 : V_R$	0.85	0.89	0.90	0.91	0.86	0.91	0.92	0.93	0.82	0.86	0.87	0.88	0.83	0.88	0.89	0.90
10-50mm dry snow		39.5	42.7	43.9	45.1	40.9	44.0	45.2	46.4	41.6	44.8	45.9	47.1	42.7	45.9	47.1	48.3
	$V_1 : V_R$	0.80	0.84	0.85	0.86	0.82	0.86	0.87	0.89	0.77	0.81	0.82	0.83	0.79	0.83	0.85	0.86

location		PRAGUE CSSR RUZYNE APT. LKPR			
RWY	elev.[m]	31	380	13	380
slope	stength	0,68 downhill	PCN80 R/A/X/T	o,68uphill	PCN80 R/A/X/T
TORA	[m]	3250		3250	
TODA	[m]	3550		3550	
ASDA	[m]	3250		3250	
LDA	[m]	3250		3250	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	50.0	50.0	50.0	50.0	4920	4920	4920	4920	49.9	50.0	50.0	50.0	4920	4920	4920	4920
	15	50.0	50.0	50.0	50.0	4750	4750	4750	4750	49.0	50.0	50.0	50.0	4750	4750	4750	4750
	20	49.3	50.0	50.0	50.0	4580	4580	4580	4580	47.6	50.0	50.0	50.0	4580	4580	4580	4580
	25	47.8	4840	4840	4840	4410	4410	4410	4410	46.2	4840	4840	4840	4410	4410	4410	4410
			10-1	10-1	10-1						07-1	10-1	10-1				
	30	46.5	4650	4650	4650	4240	4240	4240	4240	44.8	4650	4650	4650	4240	4240	4240	4240
			14-3	17-3	17-3						06-2	12-3	17-3				
	35	4460	4460	4460	4460	4070	4070	4070	4070	43.6	4460	4460	4460	4070	4070	4070	4070
			20-3	25-4	24-5						11-2	18-3	24-4				
	$V_1 : V_R$	0.94	0.97	0.98	0.99	0.98	1.00	1.00	1.00	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0	49.5	50.0	50.0	50.0
	10	49.8	50.0	50.0	50.0	4920	4920	4920	4920	47.8	50.0	50.0	50.0	48.8	4920	4920	4920
	15	48.9	50.0	50.0	50.0	4750	4750	4750	4750	47.0	50.0	50.0	50.0	4750	4750	4750	4750
	20	47.5	50.0	50.0	50.0	4580	4580	4580	4580	45.7	49.1	50.0	50.0	4580	4580	4580	4580
	25	46.1	4840	4840	4840	4410	4410	4410	4410	44.3	47.7	4840	4840	4410	4410	4410	4410
	30	44.8	4650	4650	4650	4240	4240	4240	4240	43.0	46.3	4650	4650	4240	4240	4240	4240
	35	43.4	4460	4460	4460	4070	4070	4070	4070	41.7	4460	4460	4460	4070	4070	4070	4070
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.92	0.97	0.98	0.99	0.91	0.94	0.95	0.96	0.94	0.98	0.99	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	47.5	50.0	50.0	50.0	48.8	50.0	50.0	50.0
	5	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	46.9	50.0	50.0	50.0	48.2	50.0	50.0	50.0
	10	48.5	50.0	50.0	50.0	4920	4920	4920	4920	46.4	50.0	50.0	50.0	47.4	4920	4920	4920
	15	47.7	50.0	50.0	50.0	4750	4750	4750	4750	45.8	49.2	50.0	50.0	46.7	4750	4750	4750
	20	46.3	49.6	50.0	50.0	4580	4580	4580	4580	44.4	47.7	49.0	50.0	4580	4580	4580	4580
	25	45.0	48.1	4840	4840	4410	4410	4410	4410	43.1	46.4	47.6	4840	4410	4410	4410	4410
	30	43.6	4650	4650	4650	4240	4240	4240	4240	41.8	45.0	46.2	4650	4240	4240	4240	4240
	35	42.3	4460	4460	4460	4070	4070	4070	4070	40.5	43.7	4460	4460	4070	4070	4070	4070
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.88	0.92	0.94	0.95	0.88	0.90	0.92	0.93	0.90	0.94	0.95	0.96
10 mm slush or standing water	OAT [°C] 0	45.4	48.9	50.0	50.0	46.6	50.0	50.0	50.0	43.6	47.2	48.5	49.8	45.1	48.6	49.9	50.0
	5	44.9	48.5	49.8	50.0	45.9	49.4	50.0	50.0	43.2	46.8	48.1	49.4	44.4	47.9	49.2	50.0
	10	44.4	48.0	49.3	50.0	45.2	48.7	4920	4920	42.7	46.3	47.6	48.9	43.7	47.2	48.4	4920
	15	43.8	47.1	48.3	49.5	44.5	4750	4750	4750	42.1	45.5	46.8	48.0	43.1	46.5	4750	4750
	20	42.5	45.7	46.9	48.1	43.8	4580	4580	4580	40.9	44.2	45.4	46.6	42.4	45.7	4580	4580
	25	41.2	44.4	45.5	46.7	42.5	4410	4410	4410	39.6	42.9	44.1	45.2	41.1	4410	4410	4410
	30	40.0	43.1	44.2	45.3	41.2	4240	4240	4240	----	41.6	42.8	43.9	39.9	4240	4240	4240
	35	----	41.9	43.0	44.0	40.0	4070	4070	4070	----	40.4	41.5	42.7	----	4070	4070	4070
	$V_1 : V_R$	0.85	0.87	0.88	0.89	0.86	0.90	0.91	0.92	0.88	0.90	0.91	0.91	0.89	0.92	0.93	0.94
10-50mm dry snow		48.0	50.0	50.0	50.0	49.1	50.0	50.0	50.0	45.8	49.4	50.0	50,0	47.1	50.0	50.0	50.0
	$V_1 : V_R$	0.79	0.82	0.84	0.85	0.82	0.86	0.88	0.89	0.83	0.85	0.86	0.87	0.84	0.88	0.89	0.91

location		PRAGUE CSSR RUZYNE APT. LKPR			
RWY	elev.[m]	22	380	04	380
slope	stength	1,0 uphill	PCN35 F/A/Y/U	1,0 downhill	PCN35 F/A/Y/U
TORA	[m]	2300		2300	
TODA	[m]	2300		2300	
ASDA	[m]	2300		2300	
LDA	[m]	2300		2300	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	41.2	44.9	46.3	47.7	42.6	46.2	47.5	48.7	43.0	46.7	48.1	49.4	44.3	48.0	49.3	50.0
	5	40.9	44.5	45.9	47.3	41.9	45.5	46.7	48.0	42.7	46.3	47.7	49.1	43.6	47.3	48.5	49.7
	10	40.6	44.2	45.6	47.0	41.3	44.8	46.0	47.2	42.4	46.0	47.4	48.7	43.0	46.5	47.8	49.0
	15	39.7	43.2	44.6	45.9	40.7	44.2	45.3	46.5	41.5	45.0	46.3	47.6	42.3	45.8	47.0	4750
	20	----	42.0	43.3	44.6	40.0	43.4	44.6	45.8	40.3	43.7	45.0	46.2	41.6	45.1	4580	4580
	25	----	40.8	42.0	43.3	----	42.2	43.3	4410	39.1	42.4	43.7	44.9	40.4	43.8	4410	4410
	30	----	39.6	40.8	42.0	----	40.9	42.0	4240	----	41.2	42.4	43.6	39.2	4240	4240	4240
	35	----	----	39.7	40.8	----	39.7	4070	4070	----	40.0	41.2	42.3	----	4070	4070	4070
	$V_1 : V_R$	0.96	0.98	0.99	0.99	0.97	1.00	1.00	1.00	0.92	0.95	0.95	0.96	0.94	0.97	0.98	0.99
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	39.7	43.2	44.5	45.8	41.1	44.5	45.8	47.0	41.6	45.0	46.3	47.6	42.9	46.3	47.5	48.8
	5	39.4	42.9	44.2	45.4	40.5	43.9	45.1	46.3	41.3	44.7	46.0	47.3	42.2	45.6	46.8	48.0
	10	39.1	42.6	43.9	45.1	39.9	43.2	44.4	45.6	41.0	44.4	45.7	46.9	41.6	44.9	46.1	47.3
	15	----	41.6	42.9	44.1	39.3	42.6	43.7	44.9	40.1	43.4	44.7	45.9	41.0	44.2	45.4	46.6
	20	----	40.4	41.6	42.8	----	41.9	43.0	44.1	----	42.1	43.4	44.5	40.3	43.5	44.7	4580
	25	----	39.2	40.4	41.6	----	40.6	41.7	42.8	----	40.9	42.1	43.2	39.1	42.2	43.4	4410
	30	----	----	39.3	40.4	----	39.4	40.5	41.6	----	39.7	40.9	42.0	----	41.0	42.1	4240
	35	----	----	----	39.2	----	----	39.3	40.3	----	----	39.7	40.8	----	39.8	4070	4070
	$V_1 : V_R$	0.89	0.93	0.94	0.95	0.92	0.95	0.96	0.97	0.87	0.89	0.90	0.91	0.89	0.92	0.93	0.94
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	----	42.1	43.3	44.6	40.2	43.4	44.6	45.8	40.6	44.0	45.2	46.4	42.0	45.2	46.4	47.7
	5	----	41.8	43.0	44.2	39.6	42.8	44.0	45.2	40.4	43.7	44.9	46.1	41.3	44.5	45.7	46.9
	10	----	41.5	42.7	43.9	39.0	42.2	43.3	44.5	40.1	43.3	44.6	45.8	40.7	43.9	45.0	46.2
	15	----	40.6	41.8	42.9	----	41.5	42.7	43.8	39.2	42.4	43.6	44.8	40.1	43.2	44.4	45.5
	20	----	39.4	40.5	41.7	----	40.9	42.0	43.1	----	41.1	42.3	43.4	39.5	42.5	43.6	44.8
	25	----	----	39.4	40.5	----	39.7	40.7	41.8	----	40.0	41.1	42.2	----	41.2	42.4	43.5
	30	----	----	----	39.3	----	----	39.5	40.6	----	----	39.9	41.0	----	40.0	41.1	42.2
	35	----	----	----	----	----	----	----	39.4	----	----	----	39.8	----	----	39.9	4070
	$V_1 : V_R$	0.85	0.89	0.90	0.91	0.86	0.91	0.92	0.93	0.82	0.86	0.87	0.88	0.84	0.88	0.89	0.90
10 mm slush or standing water	OAT [°C] 0																
	5	----	----	40.1	41.2	----	40.4	41.5	42.7	----	40.4	41.6	42.8	----	41.8	43.0	44.1
	10	----	----	39.8	40.9	----	39.8	40.9	42.0	----	40.1	41.3	42.5	----	41.2	42.3	43.5
	15	----	----	39.5	40.7	----	39.2	40.3	41.4	----	39.9	41.0	42.2	----	40.6	41.7	42.8
	20	----	----	----	39.8	----	----	39.7	40.8	----	----	40.1	41.3	----	40.0	41.1	42.2
	25	----	----	----	----	----	----	39.1	40.1	----	----	----	40.1	----	39.3	40.4	41.5
	30					----	----	----	----	----	----	----	----	----	----	39.2	40.3
	35													----	----	----	39.1
	$V_1 : V_R$	0.83	0.87	0.90	0.91	0.85	0.90	0.92	0.93	0.80	0.86	0.87	0.88	----	----	----	----
														0.81	0.88	0.89	0.90
10-50mm dry snow		----	40.8	42.0	43.1	39.2	42.2	43.4	44.5	39.5	42.7	43.9	45.1	40.9	43.9	45.1	46.3
	$V_1 : V_R$	0.79	0.84	0.85	0.86	0.80	0.86	0.87	0.88	0.76	0.80	0.81	0.82	0.78	0.83	0.84	0.85

location			PRAGUE			
			CSSR	RUZYNE APT.	LKPR	
RWY	elev.[m]		07/25	380		
slope	stength		<0,5	PCN80 R/A/X/T		
TORA	[m]		3715			
TODA			3715			
ASDA			4015			
LDA			3715			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	4920	4920	4920	4920								
		15	50.0	50.0	50.0	50.0	4750	4750	4750	4750								
		20	50.0	50.0	50.0	50.0	4580	4580	4580	4580								
		25	4840	4840	4840	4840	4410	4410	4410	4410								
			10-1	10-1	10-1	10-1												
		30	4650	4650	4650	4650	4240	4240	4240	4240								
			12-2	17-3	17-3	17-3												
		35	4460	4460	4460	4460	4070	4070	4070	4070								
			11-3	24-5	24-5	24-5												
	$V_1 : V_R$		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	4920	4920	4920	4920								
		15	50.0	50.0	50.0	50.0	4750	4750	4750	4750								
		20	49.5	50.0	50.0	50.0	4580	4580	4580	4580								
		25	48.1	4840	4840	4840	4410	4410	4410	4410								
		30	4650	4650	4650	4650	4240	4240	4240	4240								
		35	4460	4460	4460	4460	4070	4070	4070	4070								
	$V_1 : V_R$		0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	4920	4920	4920	4920								
		15	49.5	50.0	50.0	50.0	4750	4750	4750	4750								
		20	48.0	50.0	50.0	50.0	4580	4580	4580	4580								
		25	46.6	4840	4840	4840	4410	4410	4410	4410								
		30	45.3	4650	4650	4650	4240	4240	4240	4240								
		35	44.0	4460	4460	4460	4070	4070	4070	4070								
	$V_1 : V_R$		0.92	0.95	0.96	0.97	0.95	1.00	1.00	1.00								
10 mm slush or standing water	OAT [°C]	0	47.1	50.0	50.0	50.0	48.5	50.0	50.0	50.0								
		5	46.8	50.0	50.0	50.0	47.8	50.0	50.0	50.0								
		10	46.5	50.0	50.0	50.0	47.1	4920	4920	4920								
		15	45.4	49.0	50.0	50.0	46.4	4750	4750	4750								
		20	44.1	47.5	48.8	50.0	45.6	4580	4580	4580								
		25	42.8	46.2	47.4	4840	4410	4410	4410	4410								
		30	41.6	44.8	46.0	4650	4240	4240	4240	4240								
		35	40.4	43.5	4460	4460	4070	4070	4070	4070								
	$V_1 : V_R$		0.91	0.94	0.95	0.96	0.94	0.97	0.98	0.99								
10-50mm dry snow			49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	$V_1 : V_R$		0.86	0.90	0.91	0.92	0.89	0.94	0.95	0.96								

location		PRESTWICK U.K.				PRESTWICK EGPK											
RWY	elev.[m]	13				2o				31				2o			
slope	stength	<o,5				LCG II				<o,5				LCG II			
TORA	[m]	2987								2987							
TODA	[m]	3139								3o78							
ASDA	[m]	2987								2987							
LDA	[m]	2743								2987							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	15	49.3	50.0	50.0	50.0	4930	4930	4930	4930	49.1	50.0	50.0	50.0	4930	4930	4930	4930
	20	48.1	50.0	50.0	50.0	4750	4750	4750	4750	47.8	50.0	50.0	50.0	4750	4750	4750	4750
	25	46.7	50.0	50.0	50.0	4580	4580	4580	4580	46.4	50.0	50.0	50.0	4580	4580	4580	4580
	30	45.3	4840	4840	4840	4400	4400	4400	4400	45.1	4840	4840	4840	4400	4400	4400	4400
				11-1	11-1							10-1	11-1				
	35	44.0	4640	4640	4640	4230	4230	4230	4230	43.7	4640	4640	4640	4230	4230	4230	4230
			04-1	11-2	17-3						02-1	09-2	15-3				
	V_1 : V_R	0.95	0.98	0.99	1.00	0.98	1.00	1.00	1.00	0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	48.2	50.0	50.0	50.0	49.6	50.0	50.0	50.0	48.0	50.0	50.0	50.0	49.3	50.0	50.0	50.0
	5	48.6	50.0	50.0	50.0	49.0	50.0	50.0	50.0	47.7	50.0	50.0	50.0	48.7	50.0	50.0	50.0
	10	47.7	50.0	50.0	50.0	48.4	50.0	50.0	50.0	47.4	50.0	50.0	50.0	48.1	50.0	50.0	50.0
	15	47.4	50.0	50.0	50.0	47.8	4930	4930	4930	47.2	50.0	50.0	50.0	47.5	4930	4930	4930
	20	46.2	49.8	50.0	50.0	47.2	4750	4750	4750	46.0	49.5	50.0	50.0	46.9	4750	4750	4750
	25	44.9	48.3	49.6	50.0	4580	4580	4580	4580	44.6	48.1	49.4	50.0	4580	4580	4580	4580
	30	43.6	46.9	48.2	4840	4400	4400	4400	4400	43.3	46.7	47.9	4840	4400	4400	4400	4400
	35	42.3	45.5	4640	4640	4230	4230	4230	4230	42.1	45.3	4640	4640	4230	4230	4230	4230
	V_1 : V_R	0.90	0.93	0.94	0.95	0.92	0.96	0.97	0.98	0.90	0.93	0.94	0.95	0.93	0.97	0.97	0.98
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	47.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0	46.7	50.0	50.0	50.0	48.0	50.0	50.0	50.0
	5	46.7	50.0	50.0	50.0	47.7	50.0	50.0	50.0	46.5	50.0	50.0	50.0	47.4	50.0	50.0	50.0
	10	46.5	50.0	50.0	50.0	47.1	50.0	50.0	50.0	46.2	49.8	50.0	50.0	46.9	50.0	50.0	50.0
	15	46.2	49.7	50.0	50.0	46.5	4930	4930	4930	45.9	49.5	50.0	50.0	46.3	4930	4930	4930
	20	45.0	48.5	49.8	50.0	45.9	4750	4750	4750	44.8	48.2	49.5	50.0	45.7	4750	4750	4750
	25	43.7	47.0	48.3	49.5	45.2	4580	4580	4580	43.4	46.8	48.0	49.3	44.9	4580	4580	4580
	30	42.4	45.7	46.9	48.1	43.8	4400	4400	4400	42.2	45.4	46.6	47.8	43.6	4400	4400	4400
	35	41.2	44.3	45.5	4640	4230	4230	4230	4230	41.0	44.1	45.3	4640	4230	4230	4230	4230
	V_1 : V_R	0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.86	0.89	0.90	0.91	0.89	0.92	0.93	0.94
10 mm slush or standing water	OAT [°C] 0	43.1	46.6	48.0	49.3	44.5	48.0	49.3	50.0	42.9	46.4	47.7	49.0	44.2	47.7	49.0	50.0
	5	42.9	46.4	47.7	49.0	43.9	47.4	48.7	49.9	42.6	46.1	47.4	48.7	43.7	47.2	48.4	49.7
	10	42.6	46.1	47.4	48.7	43.4	46.8	48.1	49.3	42.4	45.9	47.2	48.4	43.1	46.6	47.8	49.0
	15	42.4	45.9	47.2	48.4	42.9	46.2	47.5	48.7	42.1	45.6	46.9	48.2	42.6	46.0	47.2	48.4
	20	41.3	44.7	46.0	47.2	42.3	45.6	46.9	4750	41.1	44.4	45.7	46.9	42.1	45.4	46.6	4750
	25	40.1	43.4	44.6	45.8	41.6	44.9	4580	4580	39.9	43.1	44.4	45.6	41.4	44.6	4580	4580
	30	----	42.1	43.3	44.5	40.4	43.5	4400	4400	----	41.9	43.1	44.2	40.1	43.3	4400	4400
	35	----	40.9	42.0	43.2	39.2	42.3	4230	4230	----	40.7	41.8	42.9	----	42.0	4230	4230
	V_1 : V_R	0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93	0.86	0.89	0.90	0.91	0.88	0.91	0.92	0.93
10-50mm dry snow		45.5	49.0	50.0	50.0	46.8	50.0	50.0	50.0	45.3	48.7	50.0	50.0	46.5	50.0	50.0	50.0
	V_1 : V_R	0.80	0.84	0.85	0.86	0.82	0.86	0.88	0.89	0.80	0.84	0.85	0.86	0.83	0.87	0.88	0.89

location			PULA							
			YUGOSLAVIA PULA APT. LYPL							
RWY	elev.[m]		27		84		09		84	
slope	stength		1,1 downhill		LCN80		1,1 uphill		LCN80	
TORA	[m]		2950				2950			
TODA			2950				2950			
ASDA			2950				2950			
LDA			2950				2950			
flaps			10°		20°		10°		20°	
wind		[m/s]	-5 0 5 10		-5 0 5 10		-5 0 5 10		-5 0 5 10	
$\mu \geq 0,65$	OAT [°C]	0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		47.8 50.0 50.0 50.0		49.1 50.0 50.0 50.0	
		5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		47.5 50.0 50.0 50.0		48.5 50.0 50.0 50.0	
		10	49.8 50.0 50.0 50.0		50.0 50.0 50.0 50.0		47.3 50.0 50.0 50.0		47.9 50.0 50.0 50.0	
		15	49.5 50.0 50.0 50.0		4890 4890 4890 4890		47.0 50.0 50.0 50.0		47.2 4890 4890 4890	
		20	48.1 50.0 50.0 50.0		4720 4720 4720 4720		45.6 49.5 50.0 50.0		46.6 4720 4720 4720	
		25	46.6 5000 5000 5000		4550 4550 4550 4550		44.3 48.0 49.4 5000		4550 4550 4550 4550	
		30	45.3 4800 4800 4800 01-1 07-2 07-2		4370 4370 4370 4370		43.0 46.6 48.0 4800 07-1		4370 4370 4370 4370	
		35	44.0 4610 4610 4610 07-1 13-2 19-3		4200 4200 4200 4200		41.7 45.2 4610 4610 06-2		4200 4200 4200 4200	
	$V_1 : V_R$		0.94 0.97 0.98 0.99		0.97 1.00 1.00 1.00		0.98 1.00 1.00 1.00		1.00 1.00 1.00 1.00	
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	48.5 50.0 50.0 50.0		49.7 50.0 50.0 50.0		45.8 49.6 50.0 50.0		47.2 50.0 50.0 50.0	
		5	48.2 50.0 50.0 50.0		49.0 50.0 50.0 50.0		45.6 49.3 50.0 50.0		46.5 50.0 50.0 50.0	
		10	48.0 50.0 50.0 50.0		48.4 50.0 50.0 50.0		45.3 49.0 50.0 50.0		45.9 49.8 50.0 50.0	
		15	47.7 50.0 50.0 50.0		47.8 4890 4890 4890		45.0 48.7 50.0 50.0		45.4 4890 4890 4890	
		20	46.3 49.8 50.0 50.0		47.2 4720 4720 4720		43.7 47.3 48.7 50.0		44.8 4720 4720 4720	
		25	44.9 48.3 49.6 5000		4550 4550 4550 4550		42.4 45.9 47.3 48.6		43.9 4550 4550 4550	
		30	43.6 46.9 4800 4800		4370 4370 4370 4370		41.2 44.6 45.9 47.1		42.6 4370 4370 4370	
		35	42.4 45.5 4610 4610		4200 4200 4200 4200		40.0 43.3 44.6 45.8		41.3 4200 4200 4200	
	$V_1 : V_R$		0.89 0.92 0.93 0.94		0.92 0.95 0.96 0.97		0.93 0.95 0.96 0.97		0.95 0.99 0.99 1.00	
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	47.3 50.0 50.0 50.0		48.4 50.0 50.0 50.0		44.6 48.2 49.6 50.0		45.9 49.6 50.0 50.0	
		5	47.0 50.0 50.0 50.0		47.8 50.0 50.0 50.0		44.3 47.9 49.3 50.0		45.3 49.0 50.0 50.0	
		10	46.8 50.0 50.0 50.0		47.2 50.0 50.0 50.0		44.0 47.6 49.0 50.0		44.7 48.3 49.6 50.0	
		15	46.5 50.0 50.0 50.0		46.6 4890 4890 4890		43.8 47.3 48.7 50.0		44.1 47.7 4890 4890	
		20	45.1 48.5 49.8 50.0		46.0 4720 4720 4720		42.5 46.0 47.3 48.6		43.6 47.1 4720 4720	
		25	43.8 47.1 48.3 49.5		45.0 4550 4550 4550		41.3 44.6 45.9 47.1		42.7 4550 4550 4550	
		30	42.5 45.7 46.9 4800		43.7 4370 4370 4370		40.1 43.3 44.5 45.7		41.5 4370 4370 4370	
		35	41.3 44.4 45.5 4610		4200 4200 4200 4200		---- 42.1 43.3 44.4		40.2 4200 4200 4200	
	$V_1 : V_R$		0.84 0.88 0.89 0.90		0.87 0.91 0.92 0.93		0.89 0.92 0.93 0.93		0.91 0.94 0.95 0.96	
10 mm slush or standing water	OAT [°C]	0								
		5	43.3 46.8 48.1 49.3		44.5 48.0 49.2 50.0		41.0 44.5 45.8 47.1		42.4 45.8 47.1 48.3	
		10	43.0 46.5 47.8 49.0		43.9 47.3 48.6 49.9		40.7 44.2 45.6 46.8		41.9 45.3 46.5 47.7	
		15	42.8 46.2 47.5 48.8		43.3 46.7 48.0 49.2		40.5 44.0 45.3 46.6		41.3 44.7 45.9 47.1	
		20	42.5 45.9 47.2 48.5		42.8 46.1 47.4 48.6		40.3 43.7 45.0 46.3		40.8 44.1 45.3 46.5	
		25	41.3 44.6 45.8 47.1		42.2 45.5 46.7 4720		39.1 42.5 43.7 45.0		40.3 43.5 44.7 45.9	
		30	40.1 43.3 44.5 45.7		41.4 44.6 4550 4550		---- 41.2 42.4 43.6		39.5 42.7 43.8 45.0	
		35	---- 42.0 43.2 44.3		40.2 43.3 4370 4370		---- 40.0 41.2 42.4		---- 41.4 42.5 43.6	
	$V_1 : V_R$		---- 40.8 42.0 43.1		39.0 4200 4200 4200		---- ---- 40.0 41.1		---- 40.2 41.3 4200	
10-50mm dry snow			0.84 0.87 0.88 0.89		0.86 0.90 0.91 0.92		0.88 0.91 0.92 0.93		0.90 0.93 0.94 0.95	
	$V_1 : V_R$		45.9 49.3 50.0 50.0		46.9 50.0 50.0 50.0		43.1 46.5 47.8 49.1		44.4 47.9 49.1 50.0	
			0.79 0.82 0.84 0.85		0.81 0.86 0.87 0.88		0.83 0.86 0.87 0.88		0.85 0.89 0.90 0.91	

location			RFIMS													
			FRANCE CHAMPAGNE AB. LFSR													
RWY	elev.[m]		25				95				07				95	
slope	stength		<0,5				TT 174 t				<0,5				TT 174 t	
TORA	[m]		2480								2480					
TODA			2780								2713					
ASDA			2780								2713					
LDA			2480								2480					
flaps			10°				20°				10°				20°	
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	47.3	50.0	50.0	50.0	48.8	50.0	50.0	50.0	46.8	50.0	50.0	50.0	48.1	50.0	50.0	50.0
		5	46.8	50.0	50.0	50.0	48.1	50.0	50.0	50.0	46.5	50.0	50.0	50.0	47.5	50.0	50.0	50.0
		10	46.4	50.0	50.0	50.0	47.5	50.0	50.0	50.0	46.1	50.0	50.0	50.0	46.9	50.0	50.0	50,0
		15	46.0	50.0	50.0	50.0	46.9	4890	4890	4890	45.7	49.6	50.0	50.0	46.3	4890	4890	4890
		20	45.1	48.9	50.0	50.0	46.3	4720	4720	4720	44.6	48.3	49.7	50.0	45.7	4720	4720	4720
		25	43.7	47.5	48.9	4990	45.3	4540	4540	4540	43.3	46.9	48.3	49.6	44.7	4540	4540	4540
		30	42.4	46.1	47.4	4800	4370	4370	4370	4370	42.0	45.5	46.8	4800	43.4	4370	4370	4370
		35	41.1	44.7	4600	4600	4200	4200	4200	4200	40.8	44.2	45.5	4600	4200	4200	4200	4200
	$V_1 : V_R$		0.97	0.98	0.99	1.00	0.98	1.00	1.00	1.00	0.96	0.98	0.99	0.99	0.98	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	45.3	49.2	50.0	50.0	46.9	50.0	50.0	50.0	45.0	48.7	50.0	50.0	46.3	50.0	50.0	50.0
		5	44.9	48.8	50.0	50.0	46.3	50.0	50.0	50.0	44.7	48.4	49.8	50.0	45.8	49.5	50.0	50.0
		10	44.5	48.3	49.7	50.0	45.7	49.4	50.0	50.0	44.3	48.0	49.4	50.0	45.2	48.8	50.0	50.0
		15	44.1	47.9	49.3	50.0	45.1	48.8	4890	4890	43.9	47.6	49.0	50.0	44.6	48.2	4890	4890
		20	43.2	46.9	48.3	49.6	44.5	4720	4720	4720	42.9	46.4	47.7	49.0	44.0	4720	4720	4720
		25	41.9	45.5	46.8	48.1	43.6	4540	4540	4540	41.7	45.0	46.3	47.6	43.1	4540	4540	4540
		30	40.7	44.1	45.4	46.7	42.3	4370	4370	4370	40.4	43.7	45.0	46.2	41.8	4370	4370	4370
		35	39.4	42.8	44.1	45.3	41.1	4200	4200	4200	39.2	42.5	43.7	44.8	40.6	4200	4200	4200
	$V_1 : V_R$		0.92	0.94	0.95	0.95	0.93	0.96	0.97	0.97	0.91	0.93	0.94	0.95	0.92	0.96	0.96	0.97
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	44.1	47.8	49.2	50.0	45.7	49.4	50.0	50.0	43.9	47.4	48.7	50.0	45.2	48.8	50.0	50.0
		5	43.7	47.4	48.7	50.0	45.2	48.7	50.0	50.0	43.5	47.1	48.4	49.7	44.6	48.1	49.4	50.0
		10	43.3	46.9	48.3	49.6	44.6	48.1	49.3	50.0	43.1	46.7	48.0	49.3	44.0	47.5	48.8	50.0
		15	42.9	46.5	47.8	49.1	44.0	47.5	48.7	4890	42.7	46.3	47.6	48.9	43.5	46.9	48.1	4890
		20	42.0	45.6	46.9	48.2	43.4	46.8	4720	4720	41.8	45.2	46.4	47.7	42.9	46.3	4720	4720
		25	40.8	44.2	45.5	46.7	42.5	4540	4540	4540	40.6	43.9	45.1	46.3	42.0	45.3	4540	4540
		30	39.6	42.9	44.1	45.3	41.3	4370	4370	4370	39.4	42.6	43.8	44.9	40.8	4370	4370	4370
		35	----	41.6	42.8	44.0	40.1	4200	4200	4200	----	41.3	42.5	43.6	39.6	4200	4200	4200
	$V_1 : V_R$		0.88	0.90	0.91	0.92	0.88	0.92	0.93	0.94	0.87	0.89	0.90	0.91	0.88	0.92	0.93	0.93
10 mm slush or standing water	OAT [°C]	0	40.5	44.0	45.4	46.7	42.2	45.5	46.8	48.0	40.2	43.6	44.9	46.2	41.7	45.0	46.3	47.5
		5	40.1	43.6	45.0	46.3	41.6	45.0	46.2	47.4	39.9	43.4	44.7	45.9	41.2	44.5	45.7	46.9
		10	39.8	43.2	44.6	45.8	41.1	44.4	45.6	46.8	39.6	43.0	44.3	45.6	40.7	43.9	45.1	46.3
		15	39.4	42.9	44.1	45.4	40.6	43.8	45.0	46.2	39.2	42.6	43.9	45.2	40.1	43.3	44.5	45.7
		20	----	42.0	43.3	44.5	40.1	43.2	44.4	45.6	----	41.6	42.8	44.0	39.6	42.7	43.9	45.1
		25	----	40.7	42.0	43.2	39.1	42.4	43.5	44.7	----	40.4	41.6	42.7	----	41.9	43.0	44.2
		30	----	39.5	40.7	41.9	----	41.1	42.2	43.3	----	39.2	40.4	41.5	----	40.7	41.8	42.9
		35	----	----	39.5	40.6	----	39.9	41.0	4200	----	----	39.2	40.3	----	39.5	40.5	41.6
	$V_1 : V_R$		0.87	0.90	0.91	0.92	0.88	0.91	0.92	0.93	0.86	0.89	0.90	0.90	0.87	0.91	0.92	0.93
10-50mm dry snow			42.7	46.2	47.5	48.7	44.4	47.7	49.0	50.0	42.5	45.9	47.1	48.4	43.9	47.2	48.5	49.7
	$V_1 : V_R$		0.82	0.85	0.86	0.87	0.82	0.86	0.87	0.89	0.81	0.84	0.85	0.86	0.82	0.86	0.87	0.88

location		RHODOS / GREECE / PARADISI / LGRP			
RWY	elev.[m]	07/25	4		
slope	stength	<0,5	LCN100		
TORA	[m]	3260			
TODA	[m]	3260			
ASDA	[m]	3260			
LDA	[m]	3260			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930								
	20	49.8	50.0	50.0	50.0	4760	4760	4760	4760								
	25	48.3	50.0	50.0	50.0	4580	4580	4580	4580								
	30	46.9	4840 10-1	4840 10-1	4840 10-1	4410	4410	4410	4410								
	35	45.6	4650 14-2	4650 17-3	4650 17-3	4240	4240	4240	4240								
	V_1 : V_R	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	49.0	50.0	50.0	50.0	4930	4930	4930	4930								
	20	47.8	50.0	50.0	50.0	4760	4760	4760	4760								
	25	46.4	49.9	50.0	50.0	4580	4580	4580	4580								
	30	45.0	48.4	4840	4840	4410	4410	4410	4410								
	35	43.7	4650	4650	4650	4240	4240	4240	4240								
	V_1 : V_R	0.92	0.95	0.96	0.97	0.95	0.99	0.99	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.4	50.0	50.0	50.0	49.8	50.0	50.0	50.0								
	5	48.2	50.0	50.0	50.0	49.2	50.0	50.0	50.0								
	10	47.9	50.0	50.0	50.0	48.6	50.0	50.0	50.0								
	15	47.6	50.0	50.0	50.0	48.0	4930	4930	4930								
	20	46.5	50.0	50.0	50.0	47.4	4760	4760	4760								
	25	45.1	48.5	49.8	50.0	4580	4580	4580	4580								
	30	43.8	47.1	48.3	4840	4410	4410	4410	4410								
	35	42.5	45.7	4650	4650	4240	4240	4240	4240								
	V_1 : V_R	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96								
10 mm slush or standing water	OAT [°C] 0	44.4	48.0	49.4	50.0	45.8	49.5	50.0	50.0								
	5	44.2	47.8	49.1	50.0	45.2	48.8	50.0	50.0								
	10	43.9	47.5	48.9	50.0	44.7	48.2	49.5	50.0								
	15	43.7	47.2	48.6	49.9	44.1	47.6	48.9	4930								
	20	42.6	46.1	47.4	48.6	43.6	47.0	4760	4760								
	25	41.4	44.7	46.0	47.2	42.8	4580	4580	4580								
	30	40.2	43.4	44.6	45.8	41.6	4410	4410	4410								
	35	39.0	42.2	43.3	44.5	40.4	4240	4240	4240								
	V_1 : V_R	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95								
10-50mm dry snow	V_1 : V_R																

location			ROME																	
			ITALY				FIUMICINO				LIRF									
RWY	elev.[m]		07/25				4				16L/34R 16R/34L				4					
slope	stength		< 0,5				SIWL 45 t				<0,5				LCN100/SIWL45t					
TORA	[m]		3295								3900									
TODA			3355								3960									
ASDA			3935								3900									
LDA			07: 2890				25: 3295				3900									
flaps			10°					20°				10°					20°			
wind		[m/s]	-5	0	5	10		-5	0	5	10	-5	0	5	10		-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0		4930	4930	4930	4930	50.0	50.0	50.0	50.0		4930	4930	4930	4930
		20	50.0	50.0	50.0	50.0		4760	4760	4760	4760	50.0	50.0	50.0	50.0		4760	4760	4760	4760
		25	48.8	50.0	50.0	50.0		4580	4580	4580	4580	50.0	50.0	50.0	50.0		4580	4580	4580	4580
		30	47.4	4840 10-1	4840 10-1	4840 10-1		4410	4410	4410	4410	4840 10-1	4840 10-1	4840 10-1	4840 10-1		4410	4410	4410	4410
		35	46.0	4650 12-3	4650 17-3	4650 17-3		4240	4240	4240	4240	4650 17-3	4650 17-3	4650 17-3	4650 17-3		4240	4240	4240	4240
	$V_1 : V_R$		0.97	1.00	1.00	1.00		1.00	1.00	1.00	1.00	0.99	1.00	1.00	1.00		1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		10	49.8	50.0	50.0	50.0		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		15	49.5	50.0	50.0	50.0		4930	4930	4930	4930	50.0	50.0	50.0	50.0		4930	4930	4930	4930
		20	48.3	50.0	50.0	50.0		4760	4760	4760	4760	50.0	50.0	50.0	50.0		4760	4760	4760	4760
		25	46.9	50.0	50.0	50.0		4580	4580	4580	4580	50.0	50.0	50.0	50.0		4580	4580	4580	4580
		30	45.5	4840	4840	4840		4410	4410	4410	4410	4840	4840	4840	4840		4410	4410	4410	4410
		35	44.2	4650	4650	4650		4240	4240	4240	4240	4650	4650	4650	4650		4240	4240	4240	4240
	$V_1 : V_R$		0.92	0.95	0.96	0.97		0.95	0.99	0.99	1.00	0.94	0.97	0.98	0.99		0.98	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	49.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		5	48.7	50.0	50.0	50.0		49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		10	48.4	50.0	50.0	50.0		49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		15	48.1	50.0	50.0	50.0		48.5	4930	4930	4930	50.0	50.0	50.0	50.0		4930	4930	4930	4930
		20	47.0	50.0	50.0	50.0		4760	4760	4760	4760	50.0	50.0	50.0	50.0		4760	4760	4760	4760
		25	45.6	49.0	50.0	50.0		4580	4580	4580	4580	49.5	50.0	50.0	50.0		4580	4580	4580	4580
		30	44.2	47.5	4840	4840		4410	4410	4410	4410	48.1	4840	4840	4840		4410	4410	4410	4410
		35	43.0	46.2	4650	4650		4240	4240	4240	4240	4650	4650	4650	4650		4240	4240	4240	4240
	$V_1 : V_R$		0.88	0.91	0.92	0.93		0.90	0.94	0.95	0.96	0.90	0.93	0.94	0.95		0.93	0.98	0.99	1.00
10 mm slush or standing water	OAT [°C]	0	44.9	48.5	49.9	50.0		46.3	50.0	50.0	50.0	48.9	50.0	50.0	50.0		50.0	50.0	50.0	50.0
		5	44.7	48.3	49.6	50.0		45.7	49.3	50.0	50.0	48.7	50.0	50.0	50.0		49.7	50.0	50.0	50.0
		10	44.4	48.0	49.3	50.0		45.1	48.7	50.0	50.0	48.4	50.0	50.0	50.0		49.1	50.0	50.0	50.0
		15	44.2	47.7	49.1	50.0		44.6	48.1	4930	4930	48.1	50.0	50.0	50.0		48.5	4930	4930	4930
		20	43.1	46.6	47.9	49.1		44.0	47.5	4760	4760	46.9	50.0	50.0	50.0		4760	4760	4760	4760
		25	41.8	45.2	46.4	47.7		43.3	4580	4580	4580	45.5	49.0	50.0	50.0		4580	4580	4580	4580
		30	40.6	43.9	45.1	46.3		42.0	4410	4410	4410	44.2	47.5	4840	4840		4410	4410	4410	4410
		35	39.5	42.6	43.8	44.9		40.8	4240	4240	4240	42.9	46.2	4650	4650		4240	4240	4240	4240
	$V_1 : V_R$		0.87	0.90	0.91	0.92		0.89	0.93	0.94	0.94	0.89	0.92	0.93	0.94		0.92	0.96	0.96	0.97
10-50mm dry snow			47.4	50.0	50.0	50.0		48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.0	50.0	50.0	50.0
	$V_1 : V_R$		0.82	0.85	0.87	0.88		0.84	0.89	0.90	0.91	0.84	0.88	0.89	0.90		0.87	0.92	0.93	0.95

location		ROME			
		ITALY CIAMPINO APT. LIRA			
RWY	elev.[m]	15	130	33	130
slope	stength	1,2 uphill	SIWL 35 t	1,2 downhill	SIWL 35 t
TORA	[m]	2200		2200	
TODA	[m]	2300		2400	
ASDA	[m]	2200		2200	
LDA	[m]	2200		2200	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	41.3	44.9	46.4	47.7	42.6	46.3	47.5	48.8	44.1	47.8	49.1	50.0	45.3	49.0	50.0	50.0
	5	41.0	44.7	46.1	47.4	42.1	45.7	46.9	48.1	43.8	47.5	48.8	50.0	44.7	48.4	49.7	50.0
	10	40.8	44.4	45.8	47.2	41.5	45.1	46.3	47.5	43.4	47.1	48.5	49.8	44.2	47.7	49.0	50.0
	15	40.4	44.0	45.4	46.8	41.0	44.5	45.7	46.9	43.0	46.7	48.0	49.3	43.6	47.1	48.3	4870
	20	39.3	42.8	44.1	45.4	40.4	43.9	45.1	46.2	42.8	45.4	46.7	48.0	43.0	46.5	4700	4700
	25	----	41.5	42.8	44.1	39.6	42.9	44.1	45.2	40.8	44.1	45.4	46.6	42.1	4530	4530	4530
	30	----	40.3	41.6	42.8	----	41.7	42.8	4350	39.6	42.8	44.0	45.2	40.8	4350	4350	4350
	35	----	39.1	40.4	41.6	----	40.5	41.5	4180	----	41.6	42.8	43.9	39.6	4180	4180	4180
	$V_1 : V_R$	0.95	0.97	0.98	0.98	0.96	0.99	1.00	1.00	0.90	0.92	0.93	0.94	0.91	0.95	0.96	0.96
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	39.8	43.3	44.6	45.9	41.3	44.7	45.9	47.1	42.8	46.2	47.5	48.8	44.0	47.4	48.7	49.9
	5	39.6	43.0	44.3	45.6	40.8	44.1	45.3	46.5	42.4	45.9	47.2	48.5	43.4	46.8	48.0	49.3
	10	39.3	42.8	44.1	45.4	40.2	43.5	44.7	45.9	42.0	45.5	46.8	48.0	42.8	46.2	47.4	48.6
	15	39.0	42.4	43.7	45.0	39.7	42.9	44.1	45.3	41.6	45.1	46.4	47.6	42.3	45.5	46.8	48.0
	20	----	41.2	42.4	43.7	39.2	42.4	43.5	44.7	40.7	44.0	45.2	46.4	41.7	44.9	46.1	4700
	25	----	40.0	41.2	42.4	----	41.5	42.6	43.7	39.5	42.7	43.9	45.0	40.8	44.0	45.1	4530
	30	----	----	40.0	41.2	----	40.2	41.3	42.4	----	41.4	42.6	43.7	39.6	42.7	4350	4350
	35	----	----	----	40.0	----	39.1	40.1	41.2	----	40.2	41.4	42.4	----	41.4	4180	4180
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.91	0.94	0.95	0.96	0.84	0.87	0.88	0.89	0.86	0.90	0.91	0.92
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	----	42.2	43.5	44.7	40.4	43.6	44.8	46.0	41.8	45.2	46.4	47.7	43.1	46.3	47.6	48.9
	5	----	42.0	43.2	44.5	39.9	43.0	44.2	45.4	41.4	44.9	46.1	47.4	42.5	45.7	47.0	48.2
	10	----	41.7	43.0	44.2	39.4	42.5	43.7	44.8	41.1	44.5	45.7	46.9	42.0	45.1	46.4	47.6
	15	----	41.4	42.6	43.8	----	41.9	43.1	44.2	40.7	44.0	45.3	46.5	41.4	44.5	45.7	46.9
	20	----	40.2	41.4	42.6	----	41.4	42.5	43.7	39.8	43.0	44.2	45.3	40.9	43.9	45.1	46.3
	25	----	39.0	40.2	41.3	----	40.5	41.6	42.7	----	41.7	42.9	44.0	40.0	43.0	44.2	4530
	30	----	----	39.0	40.1	----	39.3	40.4	41.5	----	40.5	41.6	42.7	----	41.7	42.9	4350
	35	----	----	----	----	----	----	39.2	40.2	----	39.3	40.4	41.5	----	40.5	41.6	4180
	$V_1 : V_R$	0.84	0.88	0.89	0.90	0.86	0.90	0.91	0.92	0.80	0.83	0.84	0.85	0.82	0.85	0.87	0.88
10 mm slush or standing water	OAT [°C] 0	----	39.1	40.3	41.4	----	40.6	41.7	42.9	----	41.5	42.7	43.9	39.8	42.9	44.1	45.3
	5	----	----	40.0	41.2	----	40.1	41.2	42.3	----	41.3	42.5	43.7	39.3	42.3	43.5	44.7
	10	----	----	39.8	40.9	----	39.5	40.7	41.8	----	40.9	42.1	43.3	----	41.7	42.9	44.1
	15	----	----	39.5	40.6	----	39.0	40.1	41.2	----	40.5	41.7	42.9	----	41.2	42.3	43.5
	20	----	----	----	39.4	----	----	39.6	40.7	----	39.5	40.7	41.8	----	40.6	41.8	42.9
	25	----	----	----	----	----	----	----	39.8	----	----	39.5	40.6	----	39.8	40.9	42.0
	30					----	----	----	----	----	----	----	39.4	----	----	39.7	40.8
	35									----	----	----	----	----	----	----	39.6
	$V_1 : V_R$	0.82	0.87	0.89	0.89	0.84	0.89	0.91	0.92	0.79	0.84	0.85	0.85	0.80	0.85	0.86	0.88
10-50mm dry snow		----	41.0	42.2	43.4	39.4	42.4	43.6	44.8	40.7	44.0	45.2	46.4	42.0	45.1	46.4	47.6
	$V_1 : V_R$	0.78	0.82	0.84	0.85	0.80	0.84	0.86	0.8.	0.74	0.78	0.80	0.81	0.75	0.80	0.82	0.83

location		ROTTERDAM			
		NETHERLANDS	ROTTERDAM APT.	EHRD	
RWY	elev.[m]	06/24	- 4		
slope	stength	< 0,5	PCN42 R/D/X/U		
TORA	[m]	2000			
TODA	[m]	2060			
ASDA	[m]	2200			
LDA	[m]	2000			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	41.2	45.0	46.4	47.8	42.7	46.4	47.6	48.9								
	5	41.0	44.7	46.1	47.5	42.2	45.8	47.1	48.3								
	10	40.8	44.5	45.9	47.3	41.7	45.2	46.5	47.7								
	15	40.6	44.2	45.6	47.0	41.2	44.7	45.9	47.1								
	20	39.6	43.2	44.5	45.9	40.6	44.1	45.3	46.5								
	25	----	41.9	43.2	44.5	40.0	43.4	44.6	45.7								
	30	----	40.7	42.0	43.2	----	42.1	43.3	4410								
	35	----	39.5	40.7	42.0	----	40.9	42.0	4240								
	$V_1 : V_R$	0.96	0.98	0.98	0.99	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	39.8	43.3	44.6	46.0	41.3	44.7	46.0	47.2								
	5	39.6	43.1	44.4	45.7	40.8	44.2	45.4	46.6								
	10	39.4	42.8	44.1	45.4	40.3	43.7	44.9	46.0								
	15	39.1	42.6	43.9	45.2	39.8	43.1	44.3	45.5								
	20	----	41.6	42.8	44.1	39.4	42.6	43.7	44.9								
	25	----	40.4	41.6	42.8	----	41.9	43.0	44.2								
	30	----	39.2	40.4	41.5	----	40.7	41.8	42.9								
	35	----	----	39.2	40.3	----	39.5	40.5	41.6								
	$V_1 : V_R$	0.90	0.93	0.93	0.94	0.91	0.95	0.95	0.96								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	----	42.2	43.5	44.8	40.5	43.7	44.9	46.1								
	5	----	42.0	43.3	44.5	40.0	43.1	44.4	45.5								
	10	----	41.8	43.0	44.3	39.5	42.6	43.8	45.0								
	15	----	41.5	42.8	44.0	----	42.1	43.3	44.4								
	20	----	40.5	41.8	42.9	----	41.6	42.7	43.9								
	25	----	39.4	40.5	41.7	----	40.9	42.0	43.2								
	30	----	----	39.4	40.5	----	39.7	40.8	41.9								
	35	----	----	----	39.3	----	----	39.6	40.7								
	$V_1 : V_R$	0.84	0.89	0.90	0.90	0.86	0.91	0.92	0.93								
10 mm slush or standing water	OAT [°C] 0																
	5	----	----	40.1	41.3	----	40.6	41.7	42.9								
	10	----	----	39.9	41.1	----	40.1	41.2	42.4								
	15	----	----	39.7	40.9	----	39.6	40.7	41.8								
	20	----	----	39.5	40.6	----	39.1	40.2	41.3								
	25	----	----	----	39.7	----	----	39.7	40.8								
	30	----	----	----	----	----	----	39.1	40.1								
	35					----	----	----	----								
	$V_1 : V_R$	0.82	0.87	0.90	0.90	0.85	0.90	0.91	0.93								
10-50mm dry snow		----	41.0	42.2	43.4	39.4	42.4	43.6	44.8								
	$V_1 : V_R$	0.78	0.83	0.84	0.85	0.79	0.85	0.86	0.88								

location		RZESZOW POLAND JASIONKA APT. EPRZ			
RWY	elev.[m]	09/27	211		
slope	stength	< 0,5	LCN70		
TORA	[m]	2502			
TODA		2502			
ASDA		2502			
LDA		2502			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	44.4	48.2	49.7	50.0	45.8	49.7	50.0	50.0								
	5	44.2	47.9	49.4	50.0	45.2	49.0	50.0	50.0								
	10	43.9	47.6	49.1	50.0	44.5	48.3	49.6	50.0								
	15	43.3	47.0	48.4	49.8	43.9	47.7	4830	4830								
	20	42.1	45.6	47.0	48.3	43.3	4660	4660	4660								
	25	40.8	44.3	45.6	46.9	42.2	4490	4490	4490								
	30	39.6	43.0	44.3	45.5	41.0	4320	4320	4320								
	35	----	41.8	43.0	44.2	39.8	4150	4150	4150								
	$V_1 : V_R$	0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	42.8	46.4	47.8	49.1	44.2	47.8	49.1	50.0								
	5	42.5	46.1	47.4	48.8	43.6	47.1	48.4	49.6								
	10	42.3	45.8	47.1	48.4	43.0	46.5	47.7	48.9								
	15	41.7	45.2	46.5	47.8	42.4	45.8	47.1	48.3								
	20	40.5	43.9	45.2	46.4	41.8	45.2	46.4	4660								
	25	39.3	42.6	43.8	45.1	40.8	44.1	4490	4490								
	30	----	41.4	42.6	43.7	39.6	42.8	4320	4320								
	35	----	40.2	41.4	42.5	----	4150	4150	4150								
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.91	0.95	0.95	0.96								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	41.8	45.2	46.5	47.8	43.2	46.6	47.8	49.1								
	5	41.5	44.9	46.2	47.5	42.6	45.9	47.2	48.4								
	10	41.2	44.6	45.9	47.2	42.0	45.3	46.5	47.7								
	15	40.7	44.1	45.3	46.6	41.4	44.7	45.9	47.1								
	20	39.5	42.8	44.0	45.2	40.8	44.1	45.2	46.4								
	25	----	41.5	42.7	43.9	39.9	43.0	44.1	4490								
	30	----	40.3	41.5	42.6	----	41.7	42.8	4320								
	35	----	39.2	40.3	41.4	----	40.5	4150	4150								
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93								
10 mm slush or standing water	OAT [°C] 0	----	41.6	42.9	44.1	39.9	43.1	44.3	45.5								
	5	----	41.4	42.6	43.8	39.4	42.5	43.7	44.9								
	10	----	41.1	42.3	43.5	----	41.9	43.1	44.2								
	15	----	40.6	41.8	43.0	----	41.3	42.5	43.6								
	20	----	39.4	40.6	41.7	----	40.8	41.9	43.0								
	25	----	----	39.4	40.5	----	39.8	40.9	42.0								
	30	----	----	----	39.3	----	----	39.7	40.7								
	35	----	----	----	----	----	----	----	39.5								
	$V_1 : V_R$	0.83	0.88	0.89	0.90	0.84	0.90	0.91	0.92								
10-50mm dry snow		40.5	43.8	45.0	46.2	42.0	45.1	46.4	47.6								
	$V_1 : V_R$	0.79	0.83	0.84	0.85	0.81	0.85	0.86	0.88								

location		SALZBURG AUSTRIA	SALZBURG	LOWS	
RWY	elev.[m]	16/34	430		
slope	stength	<0,5	LCN75		
TORA	[m]	2550			
TODA	[m]	2610			
ASDA	[m]	2550			
LDA	[m]	16: 2550	34: 2310		

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	44.5	48.3	49.7	50.0	45.9	49.8	50.0	50.0								
	5	44.2	47.9	49.3	50.0	45.2	49.0	50.0	50.0								
	10	43.9	47.6	49.0	50.0	44.5	48.2	4890	4890								
	15	42.8	46.4	47.7	49.1	43.8	4730	4730	4730								
	20	41.5	45.0	46.3	47.6	43.0	4560	4560	4560								
	25	40.3	43.7	45.0	46.2	41.7	4390	4390	4390								
	30	39.2	42.5	43.7	44.9	40.5	4220	4220	4220								
	35																
	$V_1 : V_R$	0.94	0.97	0.98	0.98	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	42.9	46.5	47.8	49.1	44.3	47.9	49.1	50.0								
	5	42.6	46.1	47.4	48.7	43.6	47.1	48.4	49.6								
	10	42.3	45.8	47.1	48.4	42.9	46.4	47.6	48.8								
	15	41.2	44.6	45.9	47.1	42.3	45.7	46.9	4730								
	20	40.0	43.3	44.6	45.8	41.5	44.8	4560	4560								
	25	----	42.1	43.3	44.4	40.3	43.5	4390	4390								
	30	----	40.9	42.0	43.2	39.1	4220	4220	4220								
	35																
	$V_1 : V_R$	0.89	0.92	0.93	0.93	0.91	0.94	0.95	0.96								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	41.9	45.3	46.5	47.8	43.2	46.6	47.9	49.1								
	5	41.6	44.9	46.2	47.4	42.6	45.9	47.1	48.4								
	10	41.3	44.6	45.9	47.1	41.9	45.2	46.4	47.6								
	15	40.2	43.5	44.7	45.9	41.3	44.5	45.7	46.9								
	20	39.1	42.2	43.4	44.6	40.5	43.7	44.8	4560								
	25	----	41.0	42.1	43.3	39.3	42.4	43.5	4390								
	30	----	39.8	40.9	42.0	----	41.1	4220	4220								
	35																
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92								
10 mm slush or standing water	OAT [°C] 0	----	41.7	42.9	44.1	40.0	43.1	44.3	45.5								
	5	----	41.4	42.6	43.8	39.4	42.5	43.6	44.8								
	10	----	41.1	42.3	43.5	----	41.8	43.0	44.1								
	15	----	40 1	41.3	42.4	----	41.2	42.3	43.4								
	20	----	----	40.1	41.2	----	40.4	41.5	42.6								
	25	----	----	----	40.0	----	39.2	40.3	41.4								
	30	----	----	----	----	----	----	39.1	40.2								
	35																
	$V_1 : V_R$	0.83	0.88	0.89	0.89	0.84	0.90	0.91	0.92								
10-50mm dry snow		40.6	43.9	45.1	46.3	42.0	45.2	46.4	47.7								
	$V_1 : V_R$	0.79	0.82	0.84	0.85	0.81	0.85	0.86	0.87								

location			SHANNON			
			IRELAND	SHANNON APT.		EINN
RWY	elev.[m]		06/24	14		
slope	stength		<0,5	PCN75 R/C/W/U		
TORA	[m]		3200			
TODA			3260			
ASDA			3200			
LDA			06:3200	24: 3060		

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4930	4930	4930	4930								
		20	49.5	50.0	50.0	50.0	4750	4750	4750	4750								
		25	48.0	50.0	50.0	50.0	4580	4580	4580	4580								
		30	46.6	4840	4840	4840	4410	4410	4410	4410								
				10-1	10-1	10-1												
		35	45.3	4640	4640	4640	4230	4230	4230	4230								
				11-2	17-3	17-3												
	$V_1 : V_R$		0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	49.0	50.0	50.0	50.0	49.7	50.0	50.0	50.0								
		15	48.7	50.0	50.0	50.0	49.1	4930	4930	4930								
		20	47.5	50.0	50.0	50.0	4750	4750	4750	4750								
		25	46.1	49.6	50.0	50.0	4580	4580	4580	4580								
		30	44.8	48.2	4840	4840	4410	4410	4410	4410								
		35	43.5	4640	4640	4640	4230	4230	4230	4230								
	$V_1 : V_R$		0.91	0.94	0.95	0.96	0.94	0.98	0.99	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	48.2	50.0	50.0	50.0	49.6	50.0	50.0	50.0								
		5	48.0	50.0	50.0	50.0	49.0	50.0	50.0	50.0								
		10	47.7	50.0	50.0	50.0	48.4	50.0	50.0	50.0								
		15	47.4	50.0	50.0	50.0	47.7	4930	4930	4930								
		20	46.2	49.7	50.0	50.0	47.1	4750	4750	4750								
		25	44.9	48.2	49.5	50.0	4580	4580	4580	4580								
		30	43.5	46.8	48.1	4840	4410	4410	4410	4410								
		35	42.3	45.5	4640	4640	4230	4230	4230	4230								
	$V_1 : V_R$		0.87	0.90	0.91	0.93	0.90	0.94	0.95	0.96								
10 mm slush or standing water	OAT [°C]	0	44.2	47.8	49.2	50.0	45.6	49.2	50.0	50.0								
		5	44.0	47.6	48.9	50.0	45.0	48.6	49.9	50.0								
		10	43.7	47.3	48.6	49.9	44.5	48.0	49.3	50.0								
		15	43.5	47.0	48.3	49.6	43.9	47.4	48.7	4930								
		20	42.4	45.8	47.1	48.4	43.4	46.8	4750	4750								
		25	41.2	44.5	45.7	47.0	42.6	4580	4580	4580								
		30	40.0	43.2	44.4	45.6	41.4	4410	4410	4410								
		35	----	41.9	43.1	44.3	40.2	4230	4230	4230								
	$V_1 : V_R$		0.87	0.90	0.91	0.92	0.89	0.92	0.93	0.94								
10-50mm dry snow			46.7	50.0	50.0	50.0	47.9	50.0	50.0	50.0								
	$V_1 : V_R$		0.82	0.85	0.86	0.87	0.84	0.88	0.89	0.90								

location		SOFIA			
		BULGARIA	SOFIA APT.		LBSF
RWY	elev.[m]	10/28	531		
slope	stength	< 0,5	LCN60		
TORA	[m]	2800			
TODA	[m]	2800			
ASDA	[m]	2800			
LDA	[m]	2800			

flaps		10°				20°				10°				20°			
wind [m/s]		-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	46.2	50.0	50.0	50.0	47.6	50.0	50.0	50.0								
	5	45.9	49.6	50.0	50.0	46.8	50.0	50.0	50.0								
	10	45.4	49.2	50.0	50.0	46.0	4840	4840	4840								
	15	44.1	47.7	49.1	50.0	45.3	4680	4680	4680								
	20	42.8	46.3	47.7	49.0	44.3	4510	4510	4510								
	25	41.6	45.0	46.3	47.6	42.9	4340	4340	4340								
	30	40.4	43.7	45.0	4570	41.7	4180	4180	4180								
	35																
	$V_1 : V_R$	0.96	0.98	0.99	1.00	0.98	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	44.4	48.0	49.4	50.0	45.8	49.5	50.0	50.0								
	5	44.1	47.6	49.0	50.0	45.0	48.7	50.0	50.0								
	10	43.7	47.2	48.5	49.8	44.3	47.9	4840	4840								
	15	42.4	45.8	47.1	48.4	43.6	4680	4680	4680								
	20	41.2	44.5	45.7	47.0	42.6	4510	4510	4510								
	25	40.0	43.2	44.4	45.6	41.3	4340	4340	4340								
	30	----	42.0	43.1	44.3	40.1	4180	4180	4180								
	35																
	$V_1 : V_R$	0.90	0.93	0.94	0.95	0.93	0.96	0.97	0.98								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	43.3	46.7	48.0	49.3	44.6	48.2	49.4	50.0								
	5	42.9	46.4	47.7	48.9	43.9	47.4	48.6	49.8								
	10	42.6	45.9	47.2	48.5	43.2	46.6	47.8	4840								
	15	41.3	44.6	45.8	47.0	42.5	45.8	4680	4680								
	20	40.1	43.3	44.5	45.7	41.5	44.8	4510	4510								
	25	----	42.0	43.2	44.3	40.3	4340	4340	4340								
	30	----	40.8	42.0	43.1	39.1	4180	4180	4180								
	35																
	$V_1 : V_R$	0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94								
10 mm slush or standing water	OAT [°C] 0	39.7	43.0	44.3	45.5	41.2	44.4	45.6	46.8								
	5	39.4	42.7	44.0	45.2	40.5	43.7	44.9	46.1								
	10	39.0	42.3	43.6	44.8	39.9	43.0	44.2	45.3								
	15	----	41.1	42.3	43.5	39.2	42.3	43.5	44.6								
	20	----	39.9	41.1	42.2	----	41.4	42.5	43.6								
	25	----	----	39.9	41.0	----	40.1	41.2	42.3								
	30	----	----	----	39.8	----	----	40.0	41.1								
	35																
	$V_1 : V_R$	0.84	0.89	0.90	0.91	0.88	0.91	0.92	0.93								
10-50mm dry snow		41.9	45.2	46.5	47.7	43.3	46.6	47.8	49.0								
	$V_1 : V_R$	0.80	0.84	0.85	0.86	0.82	0.86	0.88	0.89								

location		SPLIT			
		YUGOSLAVIA SPLIT APT. LYSP			
RWY	elev.[m]	05	24	23	24
slope	stength	<0,5	LCN80	<0,5	LCN80
TORA	[m]	2550		2550	
TODA		2860		2610	
ASDA		2800		2550	
LDA		2550		2550	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	47.9	50.0	50.0	50.0	49.5	50.0	50.0	50.0	45.8	49.6	50.0	50.0	47.1	50.0	50.0	50.0
	5	47.5	50.0	50.0	50.0	48.8	50.0	50.0	50.0	45.5	49.3	50.0	50.0	46.5	50.0	50.0	50.0
	10	47.1	50.0	50.0	50.0	48.2	50.0	50.0	50.0	45.3	49.1	50.0	50.0	45.9	49.8	50.0	50.0
	15	46.7	50.0	50.0	50.0	47.6	4920	4920	4920	45.0	48.8	50.0	50.0	45.4	49.2	4920	4920
	20	45.9	49.8	50.0	50.0	47.0	4750	4750	4750	43.8	47.5	48.9	50.0	44.8	4750	4750	4750
	25	44.5	48.4	49.7	50.0	4570	4570	4570	4570	42.6	46.1	47.5	48.8	44.0	4570	4570	4570
	30	43.2	46.9	48.3	4830	4400	4400	4400	4400	41.3	44.8	46.1	47.4	42.7	4400	4400	4400
	35	41.9	45.5	4640	4640	4230	4230	4230	4230	40.1	43.5	44.8	46.0	41.5	4230	4230	4230
	$V_1:V_R$	0.97	0.98	0.99	0.99	0.98	1.00	1.00	1.00	0.94	0.97	0.98	0.98	0.97	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	46.0	49.9	50.0	50.0	47.6	50.0	50.0	50.0	44.1	47.7	49.1	50.0	45.5	49.1	50.0	50.0
	5	45.6	49.4	50.0	50.0	47.0	50.0	50.0	50.0	43.8	47.5	48.8	50.0	44.9	48.5	49.8	50.0
	10	45.2	49.0	50.0	50.0	46.4	50.0	50.0	50.0	43.6	47.2	48.6	49.9	44.3	47.9	49.2	50.0
	15	44.8	48.6	50.0	50.0	45.8	4920	4920	4920	43.3	46.9	48.3	49.6	43.8	47.3	48.6	4920
	20	44.1	47.8	49.1	50.0	45.3	4750	4750	4750	42.2	45.7	47.0	48.3	43.2	46.7	4750	4750
	25	42.7	46.3	47.7	49.0	44.5	4570	4570	4570	41.0	44.4	45.6	46.9	42.5	4570	4570	4570
	30	41.5	45.0	46.3	47.5	43.2	4400	4400	4400	39.8	43.1	44.3	45.5	41.2	4400	4400	4400
	35	40.2	43.6	44.9	46.1	41.9	4230	4230	4230	----	41.8	43.0	44.2	40.0	4230	4230	4230
	$V_1:V_R$	0.91	0.94	0.94	0.95	0.92	0.96	0.96	0.97	0.89	0.92	0.93	0.93	0.91	0.94	0.95	0.96
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	44.7	48.5	49.8	50.0	46.4	50.0	50.0	50.0	43.0	46.5	47.8	49.1	44.4	47.9	49.2	50.0
	5	44.4	48.1	49.4	50.0	45.8	49.4	50.0	50.0	42.8	46.2	47.6	48.8	43.8	47.3	48.5	49.8
	10	44.0	47.6	49.0	50.0	45.3	48.8	50.0	50.0	42.5	46.0	47.3	48.6	43.3	46.7	47.9	49.2
	15	43.6	47.2	48.6	49.9	44.7	48.2	4920	4920	42.3	45.7	47.0	48.3	42.7	46.1	47.3	48.6
	20	42.9	46.4	47.7	49.0	44.1	4750	4750	4750	41.2	44.6	45.8	47.0	42.2	45.5	46.7	4750
	25	41.6	45.0	46.3	47.6	43.3	4570	4570	4570	40.0	43.2	44.5	45.7	41.5	44.7	4570	4570
	30	40.3	43.7	44.9	46.1	42.1	4400	4400	4400	----	42.0	43.2	44.3	40.3	43.4	4400	4400
	35	39.1	42.4	43.6	44.7	40.8	4230	4230	4230	----	40.8	41.9	43.0	39.1	42.1	4230	4230
	$V_1:V_R$	0.87	0.90	0.91	0.92	0.88	0.92	0.93	0.93	0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92
10 mm slush or standing water	OAT [°C] 0	41.1	44.7	46.0	47.3	42.8	46.2	47.4	48.7	39.5	42.8	44.1	45.4	41.0	44.3	45.5	46.7
	5	40.7	44.3	45.6	46.9	42.3	45.6	46.8	48.1	39.2	42.6	43.9	45.1	40.5	43.7	44.9	46.1
	10	40.4	43.9	45.2	46.5	41.7	45.0	46.3	47.5	39.0	42.4	43.6	44.8	40.0	43.2	44.4	45.5
	15	40.0	43.5	44.8	46.1	41.2	44.5	45.7	46.9	----	42.1	43.4	44.6	39.5	42.6	43.8	45.0
	20	39.3	42.8	44.1	45.3	40.7	43.9	45.1	46.3	----	41.0	42.3	43.4	39.0	42.1	43.3	44.4
	25	----	41.5	42.7	44.0	39.8	43.2	44.3	45.5	----	39.9	41.0	42.2	----	41.4	42.5	43.6
	30	----	40.2	41.5	42.6	----	41.9	43.0	4400	----	----	39.8	41.0	----	40.2	41.3	42.4
	35	----	39.0	40.2	41.4	----	40.7	41.7	4230	----	----	----	39.8	----	----	40.0	41.1
	$V_1:V_R$	0.86	0.90	0.90	0.91	0.87	0.91	0.92	0.93	0.83	0.88	0.89	0.89	0.86	0.90	0.91	0.92
10-50mm dry snow		43.3	46.8	48.1	49.4	45.0	48.4	49.7	50.0	41.7	45.1	46.3	47.6	43.1	46.4	47.7	48.9
	$V_1:V_R$	0.81	0.85	0.86	0.87	0.82	0.86	0.87	0.88	0.79	0.82	0.84	0.85	0.81	0.85	0.86	0.87

location		STOCKHOLM															
		SWEDEN ARLANDA APT. ESSA															
RWY	elev.[m]	01/19				38				08/26				38			
slope	stength	< 0,5				PCN97 R/B/X/T				< 0,5				PCN78 R/B/X/T			
TORA	[m]	3300								2500							
TODA		3300								2500							
ASDA		3300								2500							
LDA		3300								2500							
flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	44.9	48.8	50.0	50.0	46.3	50.0	50.0	50.0
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	44.7	48.5	50.0	50.0	45.7	49.6	50.0	50.0
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	44.4	48.2	49.7	50.0	45.1	49.0	50.0	50.0
	15	50.0	50.0	50.0	50.0	4920	4920	4920	4920	44.2	47.9	49.4	50.0	44.6	48.3	4920	4920
	20	49.9	50.0	50.0	50.0	4740	4740	4740	4740	43.0	46.7	48.1	49.4	44.0	4740	4740	4740
	25	48.4	50.0	50.0	50.0	4570	4570	4570	4570	41.8	45.3	46.7	48.0	43.2	4570	4570	4570
	30	47.0	4830 05-2	4830 05-2	4830 05-2	4390	4390	4390	4390	40.5	44.0	45.3	46.6	41.9	4390	4390	4390
	35	45.6	4630 10-3	4630 10-3	4630 10-3	4220	4220	4220	4220	39.4	42.7	44.0	45.2	40.7	4220	4220	4220
	$V_1 : V_R$	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	43.3	46.9	48.3	49.6	44.7	48.3	49.6	50.0
	5	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	43.0	46.6	48.0	49.3	44.1	47.7	49.8	50.0
	10	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	42.8	46.4	47.7	49.1	43.6	47.1	48.4	49.6
	15	49.2	50.0	50.0	50.0	4920	4920	4920	4920	42.6	46.1	47.5	48.8	43.0	46.5	47.7	49.0
	20	47.9	50.0	50.0	50.0	4740	4740	4740	4740	41.4	44.9	46.2	47.5	42.5	45.9	47.1	4740
	25	46.4	50.0	50.0	50.0	4570	4570	4570	4570	40.2	43.6	44.8	46.1	41.7	45.1	4570	4570
	30	45.1	4830	4830	4830	4390	4390	4390	4390	39.1	42.3	43.5	44.7	40.5	43.8	4390	4390
	35	43.8	4630	4630	4630	4220	4220	4220	4220	----	41.1	42.3	43.4	39.3	4220	4220	4220
	$V_1 : V_R$	0.92	0.95	0.96	0.97	0.95	0.99	1.00	1.00	0.89	0.92	0.93	0.94	0.91	0.95	0.95	0.96
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	48.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	42.2	45.7	47.0	48.3	43.6	47.1	48.4	49.6
	5	48.4	50.0	50.0	50.0	49.4	50.0	50.0	50.0	42.0	45.5	46.8	48.0	43.1	46.5	47.7	49.0
	10	48.1	50.0	50.0	50.0	48.8	50.0	50.0	50.0	41.7	45.2	46.5	47.8	42.5	45.9	47.1	48.4
	15	47.8	50.0	50.0	50.0	48.1	4920	4920	4920	41.5	44.9	46.2	47.5	42.0	45.3	46.5	47.8
	20	46.5	50.0	50.0	50.0	4740	4740	4740	4740	40.4	43.7	45.0	46.2	41.5	44.7	45.9	47.1
	25	45.2	48.6	49.8	50.0	4570	4570	4570	4570	39.2	42.5	43.7	44.9	40.7	43.9	45.1	4570
	30	43.8	47.1	4830	4830	4390	4390	4390	4390	----	41.2	42.4	43.6	39.6	42.7	43.8	4390
	35	42.6	45.8	4630	4630	4220	4220	4220	4220	----	40.0	41.2	42.3	----	41.4	4220	4220
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.91	0.95	0.96	0.96	0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93
10 mm slush or standing water	OAT [°C] 0	44.6	48.2	49.6	50.0	46.0	49.6	50.0	50.0	----	42.1	43.4	44.6	40.3	43.5	44.8	46.0
	5	44.4	47.9	49.3	50.0	45.4	49.0	50.0	50.0	----	41.9	43.1	44.3	39.8	43.0	44.2	45.4
	10	44.1	47.7	49.0	50.0	44.8	48.4	49.7	50.0	----	41.6	42.9	44.1	39.3	42.5	43.6	44.8
	15	43.9	47.4	48.7	50.0	44.2	47.8	49.0	4920	----	41.4	42.6	43.8	----	41.9	43.1	44.3
	20	42.7	46.1	47.4	48.7	43.7	47.2	4740	4740	----	40.3	41.5	42.7	----	41.4	42.6	43.7
	25	41.5	44.8	46.0	47.3	42.9	4570	4570	4570	----	39.1	40.3	41.4	----	40.7	41.8	42.9
	30	40.3	43.5	44.7	45.9	41.6	4390	4390	4390	----	----	39.1	40.2	----	39.5	40.6	41.7
	35	39.1	42.2	43.4	44.6	40.4	4220	4220	4220	----	----	----	39.1	----	----	39.4	40.4
	$V_1 : V_R$	0.87	0.90	0.91	0.92	0.90	0.93	0.94	0.95	0.83	0.86	0.89	0.90	0.84	0.90	0.91	0.92
10-50mm dry snow		47.0	50.0	50.0	50.0	48.3	50.0	50.0	50.0	41.0	44.3	45.6	46.8	42.4	45.6	46.9	48.1
	$V_1 : V_R$	0.82	0.86	0.87	0.88	0.85	0.89	0.90	0.91	0.79	0.83	0.84	0.85	0.81	0.85	0.86	0.88

location		STUTTGART			
		FRG STUTTGART APT. EDDS			
RWY	elev.[m]	08	396	26	396
slope	stength	1,0 downhill	LCN90	1,0 uphill	LCN90
TORA	[m]	2550		2550	
TODA		2550		2550	
ASDA		2550		2550	
LDA		2550		2550	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	45.5	49.2	50.0	50.0	46.7	50.0	50.0	50.0								
	5	45.2	48.8	50.0	50.0	46.0	49.8	50.0	50.0								
	10	44.8	48.5	49.9	50.0	45.3	49.1	4910	4910	41.1	43.6	45.1	46.6				
	15	43.8	47.4	48.7	50.0	44.6	4740	4740	4740	40.2	42.6	44.0	45.4				
	20	42.5	46.0	47.3	48.6	43.8	4570	4570	4570	39.2	41.6	43.0	44.2				
	25	41.3	44.6	45.9	47.1	42.5	4400	4400	4400	37.2	40.6	42.0	43.2				
	30	40.1	43.3	44.6	45.8	41.3	4240	4240	4240	36.9	39.4	40.7	42.0				
	35																
	$V_1 : V_R$	0.93	0.95	0.96	0.97	0.95	0.99	0.99	1.00	0.96	0.98	0.98	0.99				
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	43.9	47.4	48.7	50.0	45.1	48.7	50.0	50.0								
	5	43.6	47.1	48.4	49.7	44.4	47.9	49.2	50.0								
	10	43.2	46.7	48.0	49.3	43.7	47.2	48.4	4910	40.3	43.6	45.1	46.6				
	15	42.2	45.6	46.9	48.1	43.1	46.5	4740	4740	39.4	42.6	44.0	45.4				
	20	41.0	44.3	45.5	46.7	42.3	45.7	4570	4570	38.4	41.6	43.0	44.2				
	25	39.8	43.0	44.2	45.4	41.1	4400	4400	4400	37.2	40.6	42.0	43.2				
	30	----	41.8	42.9	44.1	39.9	4240	4240	4240	36.1	39.4	40.7	41.9				
	35																
	$V_1 : V_R$	0.87	0.90	0.91	0.92	0.90	0.93	0.94	0.95	0.93	0.95	0.96	0.97				
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	42.8	46.2	47.5	48.7	44.0	47.4	48.7	50.0								
	5	42.5	45.9	47.2	48.4	43.4	46.7	48.0	49.2								
	10	42.2	45.6	46.8	48.0	42.7	46.0	47.2	48.4	39.0	43.1	44.3	45.5				
	15	41.3	44.5	45.7	46.9	42.1	45.3	46.5	4740	38.1	42.1	43.3	44.4				
	20	40.1	43.2	44.4	45.6	41.4	44.5	45.7	4570	37.1	41.0	42.1	43.3				
	25	----	42.0	43.1	44.2	40.1	43.2	4400	4400	36.1	39.8	40.9	42.0				
	30	----	40.7	41.9	43.0	----	41.9	4240	4240	35.0	38.6	39.7	40.8				
	35																
	$V_1 : V_R$	0.83	0.86	0.88	0.89	0.86	0.89	0.90	0.91	0.88	0.91	0.91	0.92				
10 mm slush or standing water	OAT [°C] 0	39.2	42.5	43.7	44.9	40.6	43.8	45.0	46.2								
	5	----	42.2	43.4	44.6	40.0	43.1	44.3	45.5								
	10	----	41.9	43.1	44.3	39.4	42.5	43.6	44.8	35.2	39.5	40.8	42.0				
	15	----	40.9	42.1	43.3	----	41.8	43.0	44.1	34.4	38.6	39.9	41.1				
	20	----	39.7	40.9	42.0	----	41.1	42.2	43.4	33.5	37.6	38.8	40.0				
	25	----	----	39.7	40.8	----	39.9	41.0	42.1	32.5	36.6	37.7	38.9				
	30	----	----	----	39.6	----	----	39.8	40.8	31.6	35.5	36.6	37.7				
	35																
	$V_1 : V_R$	0.82	0.86	0.87	0.88	0.82	0.89	0.90	0.91	0.86	0.91	0.91	0.92				
10-50mm dry snow		41.6	44.9	46.1	47.3	42.8	46.0	47.2	48.5	37.2	41.4	42.7	43.9				
	$V_1 : V_R$	0.77	0.81	0.82	0.83	0.79	0.84	0.85	0.86	0.81	0.86	0.87	0.87				

Für 3,6 % Anstieg der Hindernisebene mit Bezugsmasse 45 t nach FZH-134 Abb. 5.3.1/10 und 5.3.1/14 berechnet.

location		TAMPERE FINLAND PIRKALA APT. EFTP			
RWY	elev.[m]	06/24	119		
slope	stength	<0,5	PCN40 F/C/X/T		
TORA	[m]	2700			
TODA	[m]	2700			
ASDA	[m]	2700			
LDA	[m]	2700			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	46.6	50.0	50.0	50.0	47.9	50.0	50.0	50.0								
	5	46.3	50.0	50.0	50.0	47.3	50.0	50.0	50.0								
	10	46.0	49.9	50.0	50.0	46.7	50.0	50.0	50.0								
	15	45.7	49.5	50.0	50.0	46.1	4880	4880	4880								
	20	44.3	48.0	49.4	50.0	45.4	4700	4700	4700								
	25	43.0	46.6	48.0	49.3	44.5	4530	4530	4530								
	30	41.8	45.3	46.6	4780	43.2	4360	4360	4360								
	35	40.6	44.0	45.2	4590	4190	4190	4190	4190								
	V_1:V_R	0.95	0.98	0.99	0.99	0.98	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	44.8	48.5	49.9	50.0	46.2	49.9	50.0	50.0								
	5	44.5	48.2	49.6	50.0	45.6	49.3	50.0	50.0								
	10	44.3	47.9	49.3	50.0	45.0	48.6	49.9	50.0								
	15	44.0	47.5	48.9	50.0	44.4	48.0	4880	4880								
	20	42,7	46.1	47.5	48.7	43.8	4700	4700	4700								
	25	41.4	44.8	46.1	47.3	42.9	4530	4530	4530								
	30	40.2	43.5	44.7	45.9	41.6	4360	4360	4360								
	35	39.1	42.2	43.4	44.6	40.4	4190	4190	4190								
	V_1:V_R	0.90	0.93	0.94	0.95	0.92	0.96	0.96	0.97								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0																
	5	43.7	47.2	48.5	49.8	45.0	48.6	49.9	50.0								
	10	43.4	46.9	48.2	49.5	44.4	48.0	49.2	50.0								
	15	43.2	46.6	47.9	49.2	43,9	47.3	48.6	49.8								
	20	42.8	46.3	47.6	48.9	43.3	46.7	47.9	4880								
	25	41.6	44.9	46.2	47.4	42.7	46.1	4700	4700								
	30	40,4	43.6	44.8	46.0	41.8	45.1	4530	4530								
	35	39.2	42.3	43.5	44.7	40.6	4360	4360	4360								
	V_1:V_R	----	41.1	42.3	43.4	39.4	4190	4190	4190								
		0.86	0.89	0.90	0.91	0.88	0.92	0.92	0.93								
10 mm slush or standing water	OAT [°C] 0																
	5	40.1	43.5	44.8	46.0	41.6	44.9	46.1	47.3								
	10	39.8	43.2	44.5	45.7	41.0	44.3	45.5	46.7								
	15	39.6	42.9	44.2	45.5	40.5	43.7	44.9	46.1								
	20	39.3	42.6	43.9	45.1	40.0	43:1	44.3	45.5								
	25	----	41.4	42.6	43.8	39.4	42.6	43.7	44.9								
	30	----	40.2	41.4	42.5	----	41.7	42.8	43.9								
	35	----	39.0	40.2	41.3	----	40.4	41.5	42.6								
	V_1:V_R	----	----	39.0	40.1	----	39.3	40.3	41.4								
		0.85	0.89	0.90	0.90	0.87	0.91	0.92	0.93								
10-50mm dry snow		42.3	45.7	47.0	48.2	43.7	47,0	48.3	49.6								
	V_1:V_R	0.80	0.84	0.85	0.86	0.82	0.86	0.87	0.88								

location		THESALONIKI			
		GREECE THESALONIKI APT. LGTS			
RWY	elev. [m]	10/28	8	17/35	8
slope	stength	<0,5	LCN80	<0,5	LCN45
TORA	[m]	2380		2400	
TODA	[m]	2440		2400	
ASDA	[m]	2440		2400	
LDA	[m]	2440		2400	

flaps		10°				20°				10°				20°			
wind [m/s]		-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ>0,65	OAT [°C] 0	44.4	48.3	49.7	50.0	45.8	49.7	50.0	50.0	44.1	47.9	49.3	50.0	45.4	49.3	50.0	50.0
	5	44.2	48.0	49.5	50.0	45.2	49.1	50.0	50.0	43.8	47.6	49.0	50.0	44.8	48.7	50.0	50.0
	10	43.9	47.7	49.2	50.0	44.7	48.5	49.7	50.0	43.6	47.3	48.8	50.0	44.3	48.1	49.3	50.0
	15	43.7	47.5	48.9	50.0	44.1	47.9	49.1	4930	43.3	47.1	48.5	49.9	43.7	47.5	48.7	4930
	20	42.6	46.3	47.7	49.0	43.6	47.3	4760	4760	42.2	45.9	47.3	48.6	43.2	46.9	4760	4760
	25	41.4	44.9	46.3	47.6	42.8	4580	4580	4580	41.0	44.5	45.9	47.2	42.5	4580	4580	4580
	30	40.2	43.6	44.9	46.2	41.6	4410	4410	4410	39.8	43.2	44.5	45.8	41.2	4410	4410	4410
	35	39.0	42.3	43.6	44.9	40.4	4230	4230	4230	----	42.0	43.3	44.5	40.0	4230	4230	4230
	$V_1:V_R$	0.95	0.97	0.98	0.98	0.97	1.00	1.00	1.00	0.95	0.97	0.98	0.98	0.96	0.99	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	42.8	46.4	47.8	49.1	44.2	47.8	49.1	50.0	42.5	46.1	47.4	48.8	43.9	47.5	48.7	50.0
	5	42.6	46.2	47.5	48.9	43.7	47.2	48.5	49.8	42.2	45.8	47.2	48.5	43.3	46.9	48.1	49.4
	10	42.4	45.9	47.3	48.6	43.1	46.7	47.9	49.1	42.0	45.5	46.9	48.2	42.8	46.3	47.5	48.8
	15	42.1	45.7	47.0	48.3	42.6	46.1	47.3	48.5	41.8	45.3	46.6	47.9	42.3	45.7	46.9	48.2
	20	41.1	44.5	45.8	47.1	42.1	45.5	46.7	4760	40.7	44.2	45.5	46.7	41.7	45.1	46.3	47.5
	25	39.9	43.2	44.5	45.7	41.4	44.7	4580	4580	39.5	42.9	44.1	45.4	41.1	44.4	45.6	4580
	30	----	42.0	43.2	44.4	40.2	43.4	4410	4410	----	41.6	42.8	44.0	39.9	43.1	4410	4410
	35	----	40.8	41.9	43.1	----	42.1	4230	4230	----	40.4	41.6	42.8	----	41.8	4230	4230
	$V_1:V_R$	0.89	0.92	0.93	0.94	0.91	0.94	0.95	0.96	0.89	0.92	0.93	0.93	0.91	0.94	0.95	0.96
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	41.8	45.3	46.6	47.9	43.2	46.6	47.9	49.2	41.4	44.9	46.2	47.5	42.9	46.3	47.5	48.8
	5	41.6	45.0	46.3	47.6	42.7	46.1	47.3	48.5	41.2	44.7	45.9	47.2	42.4	45.7	46.9	48.2
	10	41.3	44.8	46.1	47.3	42.2	45.5	46.7	47.9	41.0	44.4	45.7	46.9	41.8	45.1	46.4	47.6
	15	41.1	44.5	45.8	47.0	41.6	44.9	46.1	47.3	40.8	44.2	45.4	46.7	41.3	44.6	45.8	47.0
	20	40.1	43.4	44.7	45.9	41.1	44.4	45.6	46.7	39.8	43.1	44.3	45.5	40.8	44.0	45.2	46.4
	25	----	42.1	43.3	44.5	40.4	43.6	44.8	4580	----	41.8	43.0	44.2	40.1	43.3	44.5	45.6
	30	----	40.9	42.1	43.2	39.3	42.3	43.5	4410	----	40.6	41.8	42.9	----	42.0	43.1	4410
	35	----	39.7	40.9	42.0	----	41.1	42.2	4230	----	39.4	40.5	41.7	----	40.8	41.9	4230
	$V_1:V_R$	0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92	0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92
10 mm slush or standing water	OAT [°C] 0	----	41.7	42.9	44.2	40.0	43.2	44.4	45.6	----	41.4	42.6	43.8	39.7	42.8	44.0	45.2
	5	----	41.5	42.7	43.9	39.5	42.6	43.8	45.0	----	41.1	42.4	43.6	39.2	42.3	43.5	44.7
	10	----	41.2	42.5	43.7	39.0	42.1	43.3	44.5	----	40.9	42.1	43.3	----	41.8	43.0	44.1
	15	----	41.0	42.2	43.4	----	41.6	42.7	43.9	----	40.7	41.9	43.1	----	41.3	42.4	43.6
	20	----	40.0	41.2	42.4	----	41.1	42.2	43.4	----	39.7	40.9	42.0	----	40.8	41.9	43.0
	25	----	----	40.0	41.1	----	40.4	41.5	42.6	----	----	39.7	40.8	----	40.1	41.2	42.3
	30	----	----	----	39.9	----	39.2	40.3	41.4	----	----	----	39.6	----	----	40.0	41.1
	35	----	----	----	----	----	----	39.1	40.2	----	----	----	----	----	----	----	39.9
	$V_1:V_R$	0.83	0.88	0.89	0.90	0.84	0.90	0.91	0.92	0.82	0.88	0.89	0.89	0.84	0.89	0.91	0.92
10-50mm dry snow	$V_1:V_R$																

location			TIMISOARA ROMANIA GIARMATA APT. LRTR			
RWY	elev.[m]		11/29	106		
slope	stength		<0,5	SIWL 45 t		
TORA	[m]		3500			
TODA	[m]		3500			
ASDA	[m]		3500			
LDA	[m]		3500			

flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4880	4880	4880	4880								
		20	50.0	50.0	50.0	50.0	4710	4710	4710	4710								
		25	49.5	4990	4990	4990	4540	4540	4540	4540								
		30	4790	4790	4790	4790	4360	4360	4360	4360								
				08-2	08-2	08-2												
		35	4600	4600	4600	4600	4190	4190	4190	4190								
			01-1	22-3	22-3	22-3												
	$V_1 : V_R$		0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4880	4880	4880	4880								
		20	48.9	50.0	50.0	50.0	4710	4710	4710	4710								
		25	47.4	4990	4990	4990	4540	4540	4540	4540								
		30	46.0	4790	4790	4790	4360	4360	4360	4360								
		35	44.7	4600	4600	4600	4190	4190	4190	4190								
	$V_1 : V_R$		0.93	0.96	0.97	0.98	0.96	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	48.9	50.0	50.0	50.0	4880	4880	4880	4880								
		20	47.5	50.0	50.0	50.0	4710	4710	4710	4710								
		25	46.1	49.5	4990	4990	4540	4540	4540	4540								
		30	44.8	4790	4790	4790	4360	4360	4360	4360								
		35	43.5	4600	4600	4600	4190	4190	4190	4190								
	$V_1 : V_R$		0.89	0.92	0.93	0.94	0.92	0.96	0.97	0.98								
10 mm slush or standing water	OAT [°C]	0	45.8	49.4	50.0	50.0	47.1	50.0	50.0	50.0								
		5	45.5	49.1	50.0	50.0	46.5	50.0	50.0	50.0								
		10	45.2	48.8	50.0	50.0	45.9	49.6	50.0	50.0								
		15	44.9	48.5	49.8	50.0	45.3	4880	4880	4880								
		20	43.6	47.1	48.4	49.6	44.7	4710	4710	4710								
		25	42.3	45.7	46.9	48.2	43.8	4540	4540	4540								
		30	41.1	44.3	45.6	46.8	42.5	4360	4360	4360								
		35	39.9	43.1	44.2	45.4	41.2	4190	4190	4190								
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96								
10-50mm dry snow			48.2	50.0	50.0	50.0	49.5	50.0	50.0	50.0								
	$V_1 : V_R$		0.83	0.86	0.88	0.89	0.86	0.90	0.91	0.92								

location		TITOGRAD			
		YUGOSLAVIA	TITOGRAD APT.		LYTI
RWY	elev.[m]	18/36	36		
slope	stength	<0,5	LCN80		
TORA	[m]	2500			
TODA	[m]	2500			
ASDA	[m]	2500			
LDA	[m]	2500			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	44.9	48.8	50.0	50.0	46.3	50.0	50.0	50.0								
	5	44.7	48.5	50.0	50.0	45.7	49.6	50.0	50.0								
	10	44.4	48.2	49.7	50.0	45.1	49.0	50.0	50.0								
	15	44.2	48.0	49.4	50.0	44.6	48.4	4920	4920								
	20	43.0	46.7	48.1	49.5	44.0	4740	4740	4740								
	25	41.8	45.3	46.7	48.0	43.2	4570	4570	4570								
	30	40.6	44.0	45.3	46.6	41.9	4400	4400	4400								
	35	39.4	42.7	44.0	45.2	40.7	4220	4220	4220								
	$V_1 : V_R$	0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	43.3	46.9	48.3	49.6	44.7	48.3	49.6	50.0								
	5	43.1	46.7	48.0	49.4	44.1	47.7	49.0	50.0								
	10	42.8	46.4	47.7	49.1	43.6	47.1	48.4	49.6								
	15	42.6	46.1	47.5	48.8	43.0	46.5	47.8	49.0								
	20	41.5	44.9	46.2	47.5	42.5	45.9	47.1	4740								
	25	40.2	43.6	44.9	46.1	41.7	45.1	4570	4570								
	30	39.1	42.3	43.6	44.8	40.5	43.8	4400	4400								
	35	----	41.1	42.3	43.5	39.3	4220	4220	4220								
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.91	0.95	0.95	0.96								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	42.2	45.7	47.0	48.3	43.6	47.1	48.4	49.6								
	5	42.0	45.5	46.8	48.0	43.1	46.5	47.8	49.0								
	10	41.8	45.2	46.5	47.8	42.6	45.9	47.1	48.4								
	15	41.5	44.9	46.2	47.5	42.0	45.3	46.5	47.8								
	20	40.4	43.8	45.0	46.2	41.5	44.8	46.0	47.2								
	25	39.3	42.5	43.7	44.9	40.8	44.0	45.1	4570								
	30	----	41.2	42.4	43.6	39.6	42.7	43.8	4400								
	35	----	40.1	41.2	42.3	----	41.4	4220	4220								
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93								
10 mm slush or standing water	OAT [°C] 0	----	42.1	43.4	44.6	40.3	43.5	44.8	46.0								
	5	----	41.9	43.1	44.4	39.8	43.0	44.2	45.4								
	10	----	41.6	42.9	44.1	39.4	42.5	43.7	44.8								
	15	----	41.4	42.6	43.8	----	41.9	43.1	44.3								
	20	----	40.3	41.5	42.7	----	41.4	42.6	43.7								
	25	----	39.1	40.3	41.5	----	40.7	41.8	42.9								
	30	----	----	39.1	40.2	----	39.5	40.6	41.7								
	35	----	----	----	39.1	----	----	39.4	40.4								
	$V_1 : V_R$	0.83	0.88	0.89	0.90	0.84	0.90	0.91	0.92								
10-50mm dry snow		41.0	44.3	45.6	46.8	42.4	45.6	46.9	48.1								
	$V_1 : V_R$	0.79	0.83	0.84	0.85	0.81	0.85	0.86	0.88								

Date: 22.01.1985

location			TRIPOLI															
			SPLAJ				TRIPOLI INT'L				HLLT							
RWY	elev.[m]		18				80				36				80			
slope	stength		< 0,5				LCN75				< 0,5				LCN75			
TORA	[m]		2235								2235							
TODA			2264								2260							
ASDA			2264								2260							
LDA			2235								2235							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	42.5	46.2	47.6	49.0	43.9	47.6	48.9	50.0	42.5	46.2	47.6	49.0	43.8	47.6	48.8	50.0
		5	42.2	45.9	47.4	48.7	43.3	47.0	48.3	49.5	42.2	45.9	47.3	48.7	43.3	47.0	48.2	49.5
		10	42.0	45.7	47.1	48.5	42.8	46.4	47.6	48.9	42.0	45.6	47.0	48.4	42.7	46.4	47.6	48.8
		15	41.7	45.4	46.8	48.2	42.2	45.8	47.0	48.2	41.7	45.4	46.8	48.1	42.2	45.8	47.0	48.2
		20	40.6	44.1	45.5	46.8	41.7	45.2	46.4	4720	40.5	44.1	45.4	46.7	41.6	45.2	46.4	4720
		25	39.4	42.8	44.1	45.4	40.9	44.3	4550	4550	39.3	42.8	44.1	45.4	40.8	44.3	45.5	4550
		30	----	41.6	42.8	44.1	39.7	43.0	4380	4380	----	41.5	42.8	44.0	39.6	43.0	4380	4380
		35	----	40.4	41.6	42.8	----	41.7	4200	4200	----	40.3	41.6	42.8	----	41.7	4200	4200
	$V_1 : V_R$		0.94	0.96	0.97	0.98	0.96	0.99	0.99	1.00	0.94	0.96	0.97	0.98	0.96	0.99	0.99	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	41.0	44.5	45.9	47.2	42.5	45.9	47.2	48.4	41.0	44.5	45.8	47.1	42.4	45.9	47.1	48.4
		5	40.8	44.3	45.6	46.9	41.9	45.3	46.6	47.8	40.7	44.2	45.6	46.8	41.9	45.3	46.5	47.8
		10	40.5	44.0	45.3	46.6	41.4	44.8	46.0	47.2	40.5	44.0	45.3	46.6	41.4	44.7	45.9	47.1
		15	40.3	43.8	45.1	46.3	40.9	44.2	45.4	46.6	40.3	43.7	45.0	46.3	40.8	44.1	45.3	46.5
		20	39.2	42.5	43.8	45.0	40.3	43.6	44.8	46.0	39.1	42.5	43.7	45.0	40.3	43.6	44.8	45.9
		25	----	41.3	42.5	43.7	39.6	42.8	43.9	45.1	----	41.2	42.5	43.7	39.5	42.7	43.9	45.0
		30	----	40.1	41.3	42.4	----	41.5	42.6	43.7	----	40.0	41.2	42.4	----	41.5	42.6	43.7
		35	----	----	40.1	41.2	----	40.3	41.4	4200	----	----	40.0	41.2	----	40.2	41.3	4200
	$V_1 : V_R$		0.88	0.91	0.92	0.93	0.90	0.93	0.94	0.95	0.88	0.91	0.92	0.93	0.90	0.93	0.94	0.95
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	40.1	43.4	44.7	46.0	41.6	44.8	46.1	47.3	40.0	43.4	44.7	45.9	41.5	44.8	46.0	47.3
		5	39.8	43.2	44.5	45.7	41.0	44.3	45.5	46.7	39.8	43.2	44.4	45.7	41.0	44.2	45.4	46.7
		10	39.6	42.9	44.2	45.4	40.5	43.7	44.9	46.1	39.6	42.9	44.2	45.4	40.5	43.7	44.9	46.1
		15	39.4	42.7	43.9	45.2	40.0	43.1	44.3	45.5	39.3	42.6	43.9	45.1	40.0	43.1	44.3	45.5
		20	----	41.5	42.7	43.9	39.5	42.6	43.7	44.9	----	41.4	42.6	43.8	39.4	42.5	43.7	44.9
		25	----	40.3	41.4	42.6	----	41.7	42.9	44.0	----	40.2	41.4	42.5	----	41.7	42.9	44.0
		30	----	39.1	40.2	41.3	----	40.5	41.6	42.7	----	39.1	40.2	41.3	----	40.5	41.6	42.7
		35	----	----	39.1	40.2	----	39.3	40.4	41.5	----	----	39.0	40.1	----	39.3	40.4	41.4
	$V_1 : V_R$		0.84	0.87	0.88	0.89	0.86	0.89	0.91	0.92	0.84	0.87	0.88	0.89	0.86	0.89	0.91	0.92
10 mm slush or standing water	OAT [°C]	0	----	40.0	41.3	42.4	----	41.6	42.7	43.9	----	40.0	41.2	42.4	----	41.5	42.7	43.9
		5	----	39.8	41.0	42.2	----	41.0	42.2	43.4	----	39.8	41.0	42.2	----	41.0	42.2	43.3
		10	----	39.6	40.8	42.0	----	40.5	41.7	42.8	----	39.5	40.7	41.9	----	40.5	41.6	42.8
		15	----	39.3	40.5	41.7	----	40.0	41.1	42.3	----	39.3	40.5	41.7	----	40.0	41.1	42.2
		20	----	----	39.4	40.5	----	39.5	40.6	41.7	----	----	39.4	40.5	----	39.5	40.6	41.7
		25	----	----	----	39.3	----	----	39.8	40.9	----	----	----	39.3	----	----	39.8	40.9
		30	----	----	----	----	----	----	----	39.7	----	----	----	----	----	----	----	39.7
		35					----	----	----	----					----	----	----	----
	$V_1 : V_R$		0.82	0.87	0.88	0.89	0.83	0.89	0.90	0.91	0.81	0.87	0.88	0.89	0.83	0.89	0.90	0.91
10-50mm dry snow	$V_1 : V_R$																	

location			TRIPOLI							
			SPLAJ				TRIPOLI INT'L		HLLT	
RWY	elev.[m]		27		80		09		80	
slope	stength		< 0,5		LCN100		<0,5		LCN100	
TORA	[m]		3600				3600			
TODA			4278				4125			
ASDA			3660				3660			
LDA			3600				3600			
flaps			10°		20°		10°		20°	
wind		[m/s]	-5 0 5 10		-5 0 5 10		-5 0 5 10		-5 0 5 10	
$\mu \geq 0,65$	OAT [°C]	0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		10	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0,50.0	
		15	50.0 50.0 50.0 50.0		4900 4900 4900 4900		50.0 50.0 50.0 50.0		4900 4900 4900 4900	
		20	50.0 50.0 50.0 50.0		4720 4720 4720 4720		50.0 50.0 50.0 50.0		4720 4720 4720 4720	
		25	5000 5000 5000 5000		4550 4550 4550 4550		5000 5000 5000 5000		4550 4550 4550 4550	
		30	4800 4800 4800 4800 07-2 07-2 07-2 07-2		4380 4380 4380 4380		4800 4800 4800 4800 07-2 07-2 07-2 07-2		4380 4380 4380 4380	
		35	4610 4610 4610 4610 17-3 21-3 21-3 21-3		4200 4200 4200 4200		4610 4610 4610 4610 13-3 21-3 21-3 21-3		4200 4200 4200 4200	
	$V_1 : V_R$		0.96 0.99 1.00 1.00		1.00 1.00 1.00 1.00		0.97 0.99 1.00 1.00		1.00 1.00 1.00 1.00	
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		10	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		15	50.0 50.0 50.0 50.0		4900 4900 4900 4900		50.0 50.0 50.0 50.0		4900 4900 4900 4900	
		20	50.0 50.0 50.0 50.0		4720 4720 4720 4720		50.0 50.0 50.0 50.0		4720 4720 4720 4720	
		25	49.7 5000 5000 5000		4550 4550 4550 4550		49.7 5000 5000 5000		4550 4550 4550 4550	
		30	4800 4800 4800 4800		4380 4380 4380 4380		4800 4800 4800 4800		4380 4380 4380 4380	
		35	4610 4610 4610 4610		4200 4200 4200 4200		4610 4610 4610 4610		4200 4200 4200 4200	
	$V_1 : V_R$		0.91 0.94 0.95 0.95		0.95 1.00 1.00 1.00		0.91 0.94 0.95 0.96		0.95 1.00 1.00 1.00	
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		10	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		15	50.0 50.0 50.0 50.0		4900 4900 4900 4900		50.0 50.0 50.0 50.0		4900 4900 4900 4900	
		20	49.8 50.0 50.0 50.0		4720 4720 4720 4720		49.8 50.0 50.0 50.0		4720 4720 4720 4720	
		25	48.3 5000 5000 5000		4550 4550 4550 4550		48.3 5000 5000 5000		4550 4550 4550 4550	
		30	46.8 4800 4800 4800		4380 4380 4380 4380		46.8 4800 4800 4800		4380 4380 4380 4380	
		35	45.4 4610 4610 4610		4200 4200 4200 4200		45.4 4610 4610 4610		4200 4200 4200 4200	
	$V_1 : V_R$		0.86 0.89 0.90 0.91		0.90 0.95 0.97 0.98		0.87 0.90 0.91 0.92		0.91 0.96 0.97 0.98	
10 mm slush or standing water	OAT [°C]	0	48.0 50.0 50.0 50.0		49.7 50.0 50.0 50.0		48.0 50.0 50.0 50.0		49.7 50.0 50.0 50.0	
		5	47.5 50.0 50.0 50.0		49.7 50.0 50.0 50.0		47.5 50.0 50.0 50.0		49.4 50.0 50.0 50.0	
		10	47.1 50.0 50.0 50.0		49.3 50.0 50.0 50.0		47.1 50.0 50.0 50.0		48.7 50.0 50.0 50.0	
		15	46.7 50.0 50.0 50.0		48.5 4900 4900 4900		46.7 50.0 50.0 50.0		48.1 4900 4900 4900	
		20	45.8 49.4 50.0 50.0		4720 4720 4720 4720		45.8 49.4 50.0 50.0		4720 4720 4720 4720	
		25	44.4 47.9 49.2 5000		4550 4550 4550 4550		44.4 47.9 49.2 5000		4550 4550 4550 4550	
		30	43.1 46.5 47.7 4800		4380 4380 4380 4380		43.1 46.5 47.7 4800		4380 4380 4380 4380	
		35	41.8 45.1 4610 4610		4200 4200 4200 4200		41.8 45.1 4610 4610		4200 4200 4200 4200	
	$V_1 : V_R$		0.88 0.89 0.90 0.91		0.89 0.92 0.93 0.95		0.88 0.89 0.90 0.91		0.89 0.93 0.94 0.95	
10-50mm dry snow	$V_1 : V_R$									

location		TUNIS			
		TUNISIA CHARTAGE		DTTA	
RWY	elev.[m]	11	6	29	6
slope	stength	<0,5	LCN65	<0,5	LCN65
TORA	[m]	2220		2220	
TODA		2520		2280	
ASDA		2520		2280	
LDA		2220		2220	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	44.9	48.9	50.0	50.0	46.6	50.0	50.0	50.0	42.9	46.6	48.1	49.5	44.3	48.0	49.3	50.0
	5	44.5	48.5	50.0	50.0	46.0	49.9	50.0	50.0	42.6	46.4	47.8	49.2	43.7	47.4	48.7	49.9
	10	44.1	48.1	49.6	50.0	45.4	49.3	50.0	50.0	42.4	46.1	47.5	48.9	43.2	46.8	48.1	49.3
	15	43.8	47.7	49.2	50.0	44.9	48.7	4930	4930	42.1	45.8	47.2	48.6	42.6	46.2	47.5	48.7
	20	43.1	46.9	48.4	49.8	44.3	4760	4760	4760	41.1	44.7	46.1	47.4	42.1	45.7	46.9	4760
	25	41.8	45.5	46.9	48.3	43.6	4580	4580	4580	39.9	43.4	44.7	46.0	41.4	44.9	4580	4580
	30	40.5	44.2	45.5	46.9	42.3	4410	4410	4410	----	42.1	43.4	44.7	40.2	43.6	4410	4410
	35	39.3	42.8	44.2	45.5	41.0	4230	4230	4230	----	40.9	42.2	43.4	39.0	42.3	4230	4230
	$V_1 : V_R$	0.96	0.98	0.99	0.99	0.97	1.00	1.00	1.00	0.94	0.96	0.97	0.98	0.96	0.99	0.99	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	43.2	47.0	48.4	49.8	44.9	48.6	49.9	50.0	41.4	44.9	46.3	47.6	42.8	46.3	47.6	48.8
	5	42.8	46.6	48.0	49.3	44.4	48.0	49.3	50.0	41.1	44.7	46.0	47.3	42.3	45.7	47.0	48.2
	10	42.4	46.2	47.5	48.9	43.8	47.4	48.7	49.9	40.9	44.4	45.7	47.0	41.8	45.2	46.4	47.6
	15	42.1	45.8	47.1	48.5	43.3	46.8	48.1	49.3	40.7	44.2	45.5	46.8	41.3	44.6	45.8	47.0
	20	41.4	45.0	46.4	47.7	42.8	46.2	47.5	4760	39.7	43.1	44.4	45.6	40.7	44.0	45.2	46.4
	25	40.2	43.7	45.0	46.3	41.9	45.5	4580	4580	----	41.8	43.1	44.3	40.1	43.3	44.5	45.7
	30	----	42.4	43.6	44.9	40.8	4410	4410	4410	----	40.6	41.8	43.0	----	42.0	43.2	4410
	35	----	41.1	42.3	43.5	39.6	4230	4230	4230	----	39.4	40.6	41.7	----	40.8	41.9	4230
	$V_1 : V_R$	0.91	0.93	0.94	0.95	0.91	0.95	0.95	0.96	0.89	0.91	0.92	0.93	0.90	0.94	0.94	0.95
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	42.0	45.7	47.0	48.3	43.9	47.4	48.6	49.9	40.4	43.8	45.1	46.3	41.9	45.2	46.4	47.7
	5	41.7	45.3	46.6	47.9	43.3	46.8	48.0	49.3	40.2	43.6	44.8	46.1	41.4	44.6	45.9	47.1
	10	41.3	44.9	46.2	47.5	42.8	46.2	47.4	48.7	39.9	43.3	44.6	45.8	40.9	44.1	45.3	46.5
	15	41.0	44.5	45.8	47.1	42.3	45.6	46.8	48.1	39.7	43.1	44.3	45.6	40.4	43.5	44.7	45.9
	20	40.3	43.8	45.1	46.4	41.8	45.0	46.3	47.5	----	42.0	43.2	44.4	39.9	43.0	44.2	45.3
	25	39.1	42.5	43.7	45.0	40.8	44.2	45.4	4580	----	40.8	42.0	43.1	39.2	42.3	43.4	44.6
	30	----	41.2	42.4	43.6	39.7	43.0	4410	4410	----	39.6	40.8	41.9	----	41.0	42.2	43.3
	35	----	40.0	41.2	42.3	----	41.7	4230	4230	----	----	39.6	40.7	----	39.8	40.9	42.0
	$V_1 : V_R$	0.87	0.90	0.91	0.91	0.87	0.91	0.92	0.93	0.84	0.87	0.88	0.89	0.86	0.90	0.91	0.92
10 mm slush or standing water	OAT [°C] 0	----	42.1	43.4	44.7	40.3	43.8	45.0	46.2	----	40.4	41.6	42.8	----	41.9	43.1	44.3
	5	----	41.7	43.0	44.3	40.1	43.3	44.5	45.7	----	40.1	41.4	42.6	----	41.4	42.6	43.7
	10	----	41.4	42.7	43.9	39.6	42.7	43.9	45.1	----	39.9	41.1	42.3	----	40.9	42.0	43.2
	15	----	41.0	42.3	43.5	39.1	42.2	43.4	44.5	----	39.7	40.9	42.1	----	40.4	41.5	42.6
	20	----	40.3	41.6	42.8	----	41.7	42.8	44.0	----	----	39.9	41.1	----	39.9	41.0	42.1
	25	----	39.1	40.4	41.6	----	40.8	42.0	43.2	----	----	----	39.9	----	39.2	40.3	41.4
	30	----	----	39.2	40.3	----	39.8	40.9	42.0	----	----	----	----	----	----	39.1	40.2
	35	----	----	----	39.1	----	----	39.7	40.7					----	----	----	39.0
	$V_1 : V_R$	0.86	0.89	0.90	0.91	0.87	0.90	0.91	0.92	0.82	0.87	0.88	0.89	0.84	0.89	0.90	0.91
10-50mm dry snow	$V_1 : V_R$																

location		TUNIS			
		TUNISIA	CHARTAGE	DTTA	
RWY	elev.[m]	01/19	6		
slope	stength	< 0,5	SIWL 34 t		
TORA	[m]	3200			
TODA	[m]	3260			
ASDA	[m]	3260			
LDA	[m]	3200			

$\mu \geq 0,65$

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930								
	20	49.8	50.0	50.0	50.0	4760	4760	4760	4760								
	25	48.3	50.0	50.0	50.0	4580	4580	4580	4580								
	30	46.9	4840	4840	4840	4410	4410	4410	4410								
			10-1	10-1	10-1												
	35	45.5	4650	4650	4650	4230	4230	4230	4230								
			14-2	17-3	17-3												
$V_1 : V_R$		0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								

μ=0,45 or dry snow less than 10 mm

OAT [°C]																	
	0	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	49.0	50.0	50.0	50.0	4930	4930	4930	4930								
	20	47.8	50.0	50.0	50.0	4760	4760	4760	4760								
	25	46.3	49.9	50.0	50.0	4580	4580	4580	4580								
	30	45.0	48.4	4840	4840	4410	4410	4410	4410								
	35	43.7	4650	4650	4650	4230	4230	4230	4230								
$V_1 : V_R$		0.92	0.95	0.96	0.97	0.95	0.99	0.99	1.00								

μ=0,35 or wet snow less than 3 mm

OAT [°C]																	
	0	48.4	50.0	50.0	50.0	49.8	50.0	50.0	50.0								
	5	48.2	50.0	50.0	50.0	49.2	50.0	50.0	50.0								
	10	47.9	50.0	50.0	50.0	48.6	50.0	50.0	50.0								
	15	47.6	50.0	50.0	50.0	48.0	4930	4930	4930								
	20	46.4	50.0	50.0	50.0	47.4	4760	4760	4760								
	25	45.1	48.5	49.8	50.0	4580	4580	4580	4580								
	30	43.8	47.1	48.3	4840	4410	4410	4410	4410								
	35	42.5	45.7	4650	4650	4230	4230	4230	4230								
$V_1 : V_R$		0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96								

10 mm slush or standing water

OAT [°C]																	
	0	44.4	48.0	49.4	50.0	45.8	49.4	50.0	50.0								
	5	44.2	47.8	49.1	50.0	45.2	48.8	50.0	50.0								
	10	43.9	47.5	48.8	50.0	44.7	48.2	49.5	50.0								
	15	43.7	47.2	48.6	49.9	44.1	47.6	48.9	4930								
	20	42.6	46.1	47.4	48.6	43.6	47.0	4760	4760								
	25	41.4	44.7	46.0	47.2	42.8	4580	4580	4580								
	30	40.2	43.4	44.6	45.8	41.6	4410	4410	4410								
	35	39.0	42.1	43.3	44.5	40.4	4230	4230	4230								
$V_1 : V_R$		0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95								

10-50mm dry snow

$V_1 : V_R$																	

location			TURIN															
			ITALY				CASELLE APT.						LIMF					
RWY	elev.[m]		18				302				36				302			
slope	stength		0,6 downhill				LCN 90				0,6 uphill				LCN 90			
TORA	[m]		3300								3300							
TODA			3450								3750							
ASDA			3300								3300							
LDA			2575								2950							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	4960	4960	4960	4960	50.0	50.0	50.0	50.0	4960	4960	4960	4960
		15	50.0	50.0	50.0	50.0	4790	4790	4790	4790	50.0	50.0	50.0	50.0	4790	4790	4790	4790
		20	49.5	50.0	50.0	50.0	4620	4620	4620	4620	48.7	50.0	50.0	50.0	4620	4620	4620	4620
		25	48.1	4880	4880	4880	4450	4450	4450	4450	47.3	4880	4880	4880	4450	4450	4450	4450
				06-1	06-1	06-1						06-1	06-1	06-1				
		30	46.7	4690	4690	4690	4280	4280	4280	4280	45.9	4690	4690	4690	4280	4280	4280	4280
				12-3	12-3	12-3						15-2	12-3	12-3				
		35	4500	4500	4500	4500	4110	4110	4110	4110	44.5	4500	4500	4500	4110	4110	4110	4110
				18-3	24-4	26-4						14-3	21-4	26-4				
	$V_1 : V_R$		0.95	0.98	0.99	1.00	0.99	1.00	1.00	1.00	0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	4960	4960	4960	4960	48.6	50.0	50.0	50.0	4960	4960	4960	4960
		15	49.1	50.0	50.0	50.0	4790	4790	4790	4790	48.1	50.0	50.0	50.0	4790	4790	4790	4790
		20	47.6	50.0	50.0	50.0	4620	4620	4620	4620	46.7	50.0	50.0	50.0	4620	4620	4620	4620
		25	46.2	4880	4880	4880	4450	4450	4450	4450	45.3	4880	4880	4880	4450	4450	4450	4450
		30	44.9	4690	4690	4690	4280	4280	4280	4280	43.9	4690	4690	4690	4280	4280	4280	4280
		35	43.6	4500	4500	4500	4110	4110	4110	4110	42.6	4500	4500	4500	4110	4110	4110	4110
	$V_1 : V_R$		0.90	0.93	0.94	0.95	0.93	0.98	0.98	0.99	0.92	0.94	0.95	0.96	0.94	0.98	0.99	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.2	50.0	50.0	50.0	49.6	50.0	50.0	50.0
		5	49.0	50.0	50.0	50.0	49.9	50.0	50.0	50.0	47.7	50.0	50.0	50.0	49.5	50.0	50.0	50.0
		10	48.7	50.0	50.0	50.0	49.2	4960	4960	4960	47.2	50.0	50.0	50.0	48.8	4960	4960	4960
		15	47.8	50.0	50.0	50.0	4790	4790	4790	4790	46.7	50.0	50.0	50.0	4790	4790	4790	4790
		20	46.4	49.7	50.0	50.0	4620	4620	4620	4620	45.3	48.9	50.0	50.0	4620	4620	4620	4620
		25	45.1	48.3	4880	4880	4450	4450	4450	4450	44.0	47.4	48.7	4880	4450	4450	4450	4450
		30	43.7	46.9	4690	4690	4280	4280	4280	4280	42.7	46.0	4690	4690	4280	4280	4280	4280
		35	42.5	4500	4500	4500	4110	4110	4110	4110	41.4	44.6	4500	4500	4110	4110	4110	4110
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.89	0.93	0.94	0.96	0.88	0.90	0.91	0.92	0.90	0.94	0.95	0.96
10 mm slush or standing water	OAT [°C]	0	45.3	48.8	50.0	50.0	46.5	50.0	50.0	50.0	44.3	48.0	49.4	50.0	45.9	49.6	50.0	50.0
		5	44.9	48.4	49.7	50.0	45.8	49.4	50.0	50.0	43.9	47.5	48.9	50.0	45.6	49.1	50.0	50.0
		10	44.6	48.1	49.4	50.0	45.1	48.6	4960	4960	43.4	47.0	48.3	49.6	44.9	48.4	4960	4960
		15	43.8	47.2	48.5	49.7	44.5	4790	4790	4790	43.0	46.5	47.8	49.1	44.3	47.7	4790	4790
		20	42.6	45.8	47.1	48.3	43.8	4620	4620	4620	41.7	45.2	46.4	47.7	43.2	4620	4620	4620
		25	41.3	44.5	45.7	46.9	42.6	4450	4450	4450	40.5	43.8	45.0	46.3	42.1	4450	4450	4450
		30	40.1	43.2	44.4	45.5	41.4	4280	4280	4280	39.2	42.5	43.7	44.9	41.0	4280	4280	4280
		35	----	42.0	43.1	44.2	40.1	4110	4110	4110	----	41.2	42.4	43.5	39.9	4110	4110	4110
	$V_1 : V_R$		0.85	0.88	0.89	0.90	0.88	0.91	0.92	0.93	0.88	0.90	0.91	0.92	0.89	0.92	0.93	0.94
10-50mm dry snow			47.8	50.0	50.0	50.0	49.0	50.0	50.0	50.0	46.6	50.0	50.0	50.0	47.9	50.0	50.0	50.0
	$V_1 : V_R$		0.80	0.84	0.85	0.86	0.83	0.87	0.89	0.90	0.83	0.86	0.86	0.87	0.85	0.88	0.89	0.90

location		TURKU			
		FINLAND	TURKU APT.	EFTU	
RWY	elev.[m]	08/26	49		
slope	stength	< 0,5	PCN43		
TORA	[m]	2500			
TODA		2500			
ASDA		2500			
LDA		2500			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	44.9	48.8	50.0	50.0	46.2	50.0	50.0	50.0								
	5	44.6	48.5	49.9	50.0	45.7	49.6	50.0	50.0								
	10	44.4	48.2	49.6	50.0	45.1	48.9	50.0	50.0								
	15	44.1	47.9	49.3	50.0	44.5	48.3	4910	4910								
	20	42.9	46.6	48.0	49.4	43.9	4740	4740	4740								
	25	41.7	45.2	46.6	47.9	43.1	4560	4560	4560								
	30	40.5	43.9	45.2	46.5	41.9	4390	4390	4390								
	35	39.3	42.6	43.9	45.2	40.6	4220	4220	4220								
	$V_1 : V_R$	0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	43.3	46.9	48.3	49.6	44.6	48.3	49.6	50.0								
	5	43.0	46.6	48.0	49.3	44.1	47.7	48.9	50.0								
	10	42.8	46.3	47.7	49.0	43.5	47.1	48.3	49.6								
	15	42.5	46.1	47.4	48.7	43.0	46.5	47.7	48.9								
	20	41.4	44.8	46.1	47.4	42.4	45.9	47.1	4740								
	25	40.2	43.5	44.8	46.0	41.7	45.0	4560	4560								
	30	39.0	42.3	43.5	44.7	40.4	43.7	4390	4390								
	35	----	41.0	42.2	43.4	39.2	4220	4220	4220								
	$V_1 : V_R$	0.89	0.92	0.93	0.94	0.91	0.95	0.95	0.96								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	42.2	45.7	47.0	48.3	43.6	47.0	48.3	49.6								
	5	42.0	45.4	46.7	48.0	43.1	46.5	47.7	49.0								
	10	41.7	45.2	46.4	47.7	42.5	45.9	47.1	48.3								
	15	41.5	44.9	46.2	47.4	42.0	45.3	46.5	47.7								
	20	40.4	43.7	44.9	46.2	41.4	44.7	45.9	47.1								
	25	39.2	42.4	43.6	44.8	40.7	43.9	45.1	4560								
	30	----	41.2	42.3	43.5	39.5	42.6	43.7	4390								
	35	----	40.0	41.1	42.2	----	41.3	4220	4220								
	$V_1 : V_R$	0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93								
10 mm slush or standing water	OAT [°C] 0	--	42.1	43.3	44.6	40.3	43.5	44.7	45.9								
	5	--	41.8	43.1	44.3	39.8	43.0	44.2	45.4								
	10	----	41.6	42.8	44.1	39.3	42.4	43.6	44.8								
	15	----	41.4	42.6	43.8	----	41.9	43.1	44.2								
	20	----	40.2	41.4	42.6	----	41.4	42.5	43.7								
	25	----	39.1	40.2	41.4	----	40.6	41.7	42.9								
	30	----	----	39.1	40.2	----	39.4	40.5	41.6								
	35	----	----	----	39.0	----	----	39.3	40.4								
	$V_1 : V_R$	0.83	0.88	0.89	0.90	0.84	0.90	0.91	0.92								
10-50mm dry snow		41.0	44.3	45.5	46.7	42.4	45.6	46.9	48.1								
	$V_1 : V_R$	0.79	0.83	0.84	0.85	0.81	0.85	0.86	0.88								

Date: 22.01.1985

location		VARNA			
		BULGARIA	VARNA APT.	LBWN	
RWY	elev.[m]	09/27	70		
slope	stength	< 0,5	LCN70		
TORA	[m]	2500			
TODA	[m]	2530			
ASDA	[m]	2530			
LDA	[m]	2500			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C] 0	45.1	49.0	50.0	50.0	46.5	50.0	50.0	50.0								
	5	44.9	48.7	50.0	50.0	45.9	49.8	50.0	50.0								
	10	44.6	48.4	49.9	50.0	45.3	49.2	50.0	50.0								
	15	44.3	48.1	49.6	50.0	44.7	48.5	4900	4900								
	20	43.1	46.8	48.2	49.5	44.1	4730	4730	4730								
	25	41.8	45.4	46.7	48.1	43.3	4550	4550	4550								
	30	40.6	44.1	45.4	46.7	42.0	4380	4380	4380								
	35	39.5	42.8	44.1	45.3	40.8	4210	4210	4210								
	$V_1:V_R$	0.95	0.97	0.98	0.99	0.97	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	43.5	47.1	48.5	49.8	44.8	48.5	49.8	50.0								
	5	43.2	46.8	48.2	49.5	44.3	47.9	49.2	50.0								
	10	43.0	46.5	47.9	49.2	43.7	47.3	48.5	49.8								
	15	42.7	46.3	47.6	48.9	43.1	46.7	47.9	4900								
	20	41.5	45.0	46.3	47.6	42.6	46.1	47.3	4730								
	25	40.3	43.7	44.9	46.2	41.8	45.2	4550	4550								
	30	39.1	42.4	43.6	44.8	40.6	4380	4380	4380								
	35	----	41.2	42.3	43.5	39.4	4210	4210	4210								
	$V_1:V_R$	0.89	0.92	0.93	0.94	0.91	0.95	0.96	0.96								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	42.4	45.9	47.2	48.5	43.8	47.2	48.5	49.6								
	5	42.1	45.6	46.9	48.2	43.2	46.6	47.9	49.1								
	10	41.9	45.3	46.6	47.9	42.7	46.0	47.3	48.5								
	15	41.7	45.1	46.4	47.6	42.1	45.5	46.7	47.9								
	20	40.5	43.8	45.1	46.3	41.6	44.9	46.1	47.3								
	25	39.3	42.5	43.7	44.9	40.8	44.0	45.2	4550								
	30	----	41.3	42.5	43.6	39.6	42.7	4380	4380								
	35	----	40.1	41.2	42.4	----	41.5	4210	4210								
	$V_1:V_R$	0.85	0.88	0.89	0.90	0.87	0.91	0.92	0.93								
10 mm slush or standing water	OAT [°C] 0	----	42.3	43.5	44.8	40.5	43.7	44.9	46.1								
	5	----	42.0	43.3	44.5	40.0	43.1	44.3	45.5								
	10	----	41.8	43.0	44.2	39.5	42.6	43.8	44.9								
	15	----	41.5	42.8	44.0	----	42.0	43.2	44.4								
	20	----	40.4	41.6	42.7	----	41.5	42.7	43.8								
	25	----	39.2	40.4	41.5	----	40.7	41.8	43.0								
	30	----	----	39.2	40.3	----	39.5	40.6	41.7								
	35	----	----	----	39.1	----	----	39.4	40.5								
	$V_1:V_R$	0.83	0.88	0.89	0.90	0.85	0.90	0.91	0.92								
10-50mm dry snow		41.1	44.5	45.7	46.9	42.6	45.8	47.0	48.3								
	$V_1:V_R$	0.79	0.83	0.84	0.85	0.81	0.85	0.86	0.88								

location			VENICE ITALY TESSERA APT. LIPZ															
RWY	elev.[m]		04				2				22				2			
slope	stength		<0,5				LCN100				<0,5				LCN100			
TORA	[m]		3300								3300							
TODA			3520								3360							
ASDA			3300								3300							
LDA			3300								3300							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4930	4930	4930	4930	50.0	50.0	50.0	50.0	4930	4930	4930	4930
		20	50.0	50.0	50.0	50.0	4760	4760	4760	4760	50.0	50.0	50.0	50.0	4760	4760	4760	4760
		25	49.4	50.0	50.0	50.0	4580	4580	4580	4580	48.9	50.0	50.0	50.0	4580	4580	4580	4580
		30	48.0	4850 10-1	4850 10-1	4850 10-1	4410	4410	4410	4410	47.4	4850 10-1	4850 10-1	4850 10-1	4410	4410	4410	4410
		35	4650	4650 17-3	4650 17-3	4650 17-3	4240	4240	4240	4240	46.1	4650 12-3	4650 17-3	4650 17-3	4240	4240	4240	4240
	$V_1 : V_R$		0.96	0.99	1.00	1.00	0.99	1.00	1.00	1.00	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		15	50.0	50.0	50.0	50.0	4930	4930	4930	4930	49.5	50.0	50.0	50.0	4930	4930	4930	4930
		20	49.0	50.0	50.0	50.0	4760	4760	4760	4760	48.3	50.0	50.0	50.0	4760	4760	4760	4760
		25	47.5	50.0	50.0	50.0	4580	4580	4580	4580	46.9	50.0	50.0	50.0	4580	4580	4580	4580
		30	46.1	4850	4850	4850	4410	4410	4410	4410	45.5	4850	4850	4850	4410	4410	4410	4410
		35	44.8	4650	4650	4650	4240	4240	4240	4240	44.2	4650	4650	4650	4240	4240	4240	4240
	$V_1 : V_R$		0.91	0.94	0.95	0.96	0.94	0.98	0.99	1.00	0.92	0.95	0.96	0.97	0.95	0.99	0.99	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
		5	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.7	50.0	50.0	50.0	49.8	50.0	50.0	50.0
		10	49.1	50.0	50.0	50.0	49.8	50.0	50.0	50.0	48.5	50.0	50.0	50.0	49.2	50.0	50.0	50.0
		15	48.8	50.0	50.0	50.0	49.2	4930	4930	4930	48.2	50.0	50.0	50.0	48.5	4930	4930	4930
		20	47.7	50.0	50.0	50.0	4760	4760	4760	4760	47.0	50.0	50.0	50.0	4760	4760	4760	4760
		25	46.3	49.6	50.0	50.0	4580	4580	4580	4580	45.6	49.0	50.0	50.0	4580	4580	4580	4580
		30	44.9	48.2	4850	4850	4410	4410	4410	4410	44.3	47.6	4850	4850	4410	4410	4410	4410
		35	43.6	4650	4650	4650	4240	4240	4240	4240	43.0	46.2	4650	4650	4240	4240	4240	4240
	$V_1 : V_R$		0.87	0.90	0.91	0.92	0.89	0.94	0.95	0.96	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96
10 mm slush or standing water	OAT [°C]	0	45.6	49.2	50.0	50.0	47.0	50.0	50.0	50.0	45.0	48.6	49.9	50.0	46.3	50.0	50.0	50.0
		5	45.4	48.9	50.0	50.0	46.4	50.0	50.0	50.0	44.7	48.3	49.7	50.0	45.7	49.4	50.0	50.0
		10	45.1	48.7	50.0	50.0	45.8	49.4	50.0	50.0	44.5	48.0	49.4	50.0	45.2	48.8	50.0	50.0
		15	44.8	48.4	49.7	50.0	45.2	48.8	4930	4930	44.2	47.8	49.1	50.0	44.6	48.2	4930	4930
		20	43.8	47.2	48.5	49.8	44.7	4760	4760	4760	43.1	46.6	47.9	49.2	44.1	47.6	4760	4760
		25	42.5	45.8	47.1	48.3	43.9	4580	4580	4580	41.9	45.2	46.5	47.7	43.3	4580	4580	4580
		30	41.3	44.5	45.7	46.9	42.6	4410	4410	4410	40.7	43.9	45.1	46.3	42.1	4410	4410	4410
		35	40.1	43.2	44.4	45.5	41.4	4240	4240	4240	39.5	42.6	43.8	45.0	40.8	4240	4240	4240
	$V_1 : V_R$		0.86	0.89	0.90	0.91	0.88	0.92	0.93	0.94	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95
10-50mm dry snow	$V_1 : V_R$																	

location			VIENNA AUSTRIA SCHWECHAT LOWW							
RWY	elev.[m]		16/34		183		12/30		183	
slope	stength		<0,5		AUW 193 t		<0,5		AUW 200 t	
TORA	[m]		3600				3000			
TODA			3660				3000			
ASDA			3600				3000			
LDA			3600				3000			
flaps			10°		20°		10°		20°	
wind		[m/s]	-5 0 5 10		-5 0 5 10		-5 0 5 10		-5 0 5 10	
$\mu \geq 0,65$	OAT [°C]	0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		49.1 50.0 50.0 50.0		50.0 50.0 50.0 50.0	
		5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		48.8 50.0 50.0 50.0		49.8 50.0 50.0 50.0	
		10	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		48.5 50.0 50.0 50.0		49.1 50.0 50.0 50.0	
		15	50.0 50.0 50.0 50.0		4850 4850 4850 4850		47.9 50.0 50.0 50.0		48.5 4850 4850 4850	
		20	50.0 50.0 50.0 50.0		4670 4670 4670 4670		46.5 50.0 50.0 50.0		4670 4670 4670 4670	
		25	4940 4940 4940 4940		4500 4500 4500 4500		45.2 48.8 4940 4940		4500 4500 4500 4500	
		30	4750 4750 4750 4750 04-1 13-2 13-2 13-2		4330 4330 4330 4330		43.8 47.4 4750 4750 06-1 13-2		4330 4330 4330 4330	
		35	4560 4560 4560 4560 09-1 20-4 20-4 20-4		4160 4160 4160 4160		42.6 4560 4560 4560 05-2 11-3		4160 4160 4160 4160	
	$V_1 : V_R$		0.98 1.00 1.00 1.00		1.00 1.00 1.00 1.00		0.96 0.99 1.00 1.00		0.99 1.00 1.00 1.00	
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		47.1 50.0 50.0 50.0		48.5 50.0 50.0 50.0	
		5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		46.8 50.0 50.0 50.0		47.9 50.0 50.0 50.0	
		10	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		46.6 50.0 50.0 50.0		47.2 50.0 50.0 50.0	
		15	50.0 50.0 50.0 50.0		4850 4850 4850 4850		46.0 49.7 50.0 50.0		46.6 4850 4850 4850	
		20	49.3 50.0 50.0 50.0		4670 4670 4670 4670		44.7 48.2 49.5 50.0		45.9 4670 4670 4670	
		25	47.8 4940 4940 4940		4500 4500 4500 4500		43.4 46.8 48.1 49.3		44.8 4500 4500 4500	
		30	46.4 4750 4750 4750		4330 4330 4330 4330		42.1 45.4 46.7 4750		4330 4330 4330 4330	
		35	45.1 4560 4560 4560		4160 4160 4160 4160		40.9 44.1 45.3 4560		4160 4160 4160 4160	
	$V_1 : V_R$		0.93 0.96 0.97 0.98		0.96 1.00 1.00 1.00		0.91 0.94 0.95 0.96		0.94 0.97 0.98 0.99	
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		45.9 49.5 50.0 50.0		47.2 50.0 50.0 50.0	
		5	50.0 50.0 50.0 50.0		50.0 50.0 50.0 50.0		45.6 49.2 50.0 50.0		46.6 50.0 50.0 50.0	
		10	49.9 50.0 50.0 50.0		50.0 50.0 50.0 50.0		45.3 48.8 50.0 50.0		45.9 49.6 50.0 50.0	
		15	49.4 50.0 50.0 50.0		4850 4850 4850 4850		44.8 48.3 49.6 50.0		45.3 4850 4850 4850	
		20	47.9 50.0 50.0 50.0		4670 4670 4670 4670		43.5 46.9 48.2 49.4		44.7 4670 4670 4670	
		25	46.5 4940 4940 4940		4500 4500 4500 4500		42.2 45.5 46.7 47.9		43.6 4500 4500 4500	
		30	45.1 4750 4750 4750		4330 4330 4330 4330		41.0 44.2 45.4 46.5		42.4 4330 4330 4330	
		35	43.8 4560 4560 4560		4160 4160 4160 4160		39.8 42.9 44.1 45.2		41.1 4160 4160 4160	
	$V_1 : V_R$		0.89 0.92 0.93 0.94		0.92 0.96 0.97 0.98		0.87 0.90 0.91 0.92		0.89 0.93 0.94 0.95	
10 mm slush or standing water	OAT [°C]	0	46.4 50.0 50.0 50.0		47.8 50.0 50.0 50.0		42.1 45.6 46.9 48.2		43.5 47.0 48.2 49.5	
		5	46.1 49.7 50.0 50.0		47.1 50.0 50.0 50.0		41.8 45.3 46.6 47.9		42.9 46.3 47.6 48.8	
		10	45.9 49.4 50.0 50.0		46.5 50.0 50.0 50.0		41.6 45.0 46.3 47.6		42.3 45.7 46.9 48.1	
		15	45.3 48.9 50.0 50.0		45.9 4850 4850 4850		41.1 44.5 45.8 47.0		41.7 45.1 46.3 47.5	
		20	44.0 47.4 48.7 50.0		45.2 4670 4670 4670		39.9 43.2 44.4 45.7		41.2 44.4 45.6 4670	
		25	42.7 46.0 47.3 48.5		44.2 4500 4500 4500		---- 41.9 43.1 44.3		40.2 43.4 44.6 4500	
		30	41.5 44.7 45.9 47.1		42.9 4330 4330 4330		---- 40.7 41.9 43.0		39.0 42.1 43.2 4330	
		35	40.3 43.4 44.6 4560		4160 4160 4160 4160		---- 39.6 40.7 41.8		---- 40.9 4160 4160	
	$V_1 : V_R$		0.88 0.91 0.92 0.93		0.90 0.94 0.95 0.96		0.87 0.89 0.90 0.91		0.88 0.92 0.93 0.94	
10-50mm dry snow			48.9 50.0 50.0 50.0		50.0 50.0 50.0 50.0		44.4 47.8 49.1 50.0		45.7 49.2 50.0 50.0	
	$V_1 : V_R$		0.83 0.87 0.88 0.89		0.86 0.90 0.92 0.93		0.81 0.85 0.86 0.87		0.83 0.87 0.88 0.90	

location			VILNIUS															
			USSR				VILNIUS APT				UMWW							
RWY	elev.[m]		20				197				02				197			
slope	stength		0,64downhill				PCN13 R/B/X/T				0,64 uphill				PCN13 R/B/X/T			
TORA	[m]		2500								2500							
TODA			2900								2900							
ASDA			2900								2900							
LDA			2500								2500							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	48.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	46.9	50.0	50.0	50.0	48.8	50.0	50.0	50.0
		5	47.9	50.0	50.0	50.0	49.6	50.0	50.0	50.0	46.4	50.0	50.0	50.0	48.2	50.0	50.0	50.0
		10	47.4	50.0	50.0	50.0	48.9	50.0	50.0	50.0	46.0	50.0	50.0	50.0	47.5	50.0	50.0	50.0
		15	46.9	50.0	50.0	50.0	48.2	4840	4840	4840	45.5	49.6	50.0	50.0	46.9	4840	4840	4840
		20	45.8	49.7	50.0	50.0	4670	4670	4670	4670	44.4	48.4	49.9	50.0	46.2	4670	4670	4670
		25	44.4	48.2	4940	4940	4500	4500	4500	4500	43.1	46.9	48.4	4940	4500	4500	4500	4500
		30	43.1	46.8	4740	4740	4320	4320	4320	4320	41.8	45.5	46.9	4740	4320	4320	4320	4320
		35	41.8	45.3	4550	4550	4150	4150	4150	4150	40.5	44.2	4550	4550	4150	4150	4150	4150
	$V_1 : V_R$		0.97	0.97	0.98	0.99	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	46.4	50.0	50.0	50.0	48.3	50.0	50.0	50.0	44.9	48.8	50.0	50.0	46.6	50.0	50.0	50.0
		5	45.9	49.7	50.0	50.0	47.7	50.0	50.0	50.0	44.4	48.3	49.8	50.0	46.3	50.0	50.0	50.0
		10	45.5	49.3	50.0	50.0	47.0	50.0	50.0	50.0	44.0	47.8	49.3	50.0	45.7	49.4	50.0	50.0
		15	45.0	48.8	50.0	50.0	46.4	4840	4840	4840	43.6	47.4	48.8	50.0	45.0	4840	4840	4840
		20	43.9	47.6	48.9	50.0	45.7	4670	4670	4670	42.5	46.2	47.6	48.9	44.1	4670	4670	4670
		25	42.6	46.2	47.5	48.7	44.6	4500	4500	4500	41.2	44.8	46.2	47.5	43.0	4500	4500	4500
		30	41.3	44.8	46.0	47.3	4320	4320	4320	4320	40.0	43.5	44.8	46.1	41.9	4320	4320	4320
		35	40.1	43.4	44.7	4550	4150	4150	4150	4150	----	42.2	43.4	44.7	40.8	4150	4150	4150
	$V_1 : V_R$		0.92	0.94	0.93	0.94	0.92	0.96	0.96	0.97	0.94	0.96	0.97	0.96	0.96	0.98	0.98	0.99
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	45.1	48.8	50.0	50.0	47.0	50.0	50.0	50.0	43.6	47.3	48.7	50.0	45.2	49.1	50.0	50.0
		5	44.7	48.3	49.7	50.0	46.5	50.0	50.0	50.0	43.1	46.8	48.2	49.6	45.1	48.7	50.0	50.0
		10	44.2	47.9	49.2	50.0	45.9	49.4	50.0	50.0	42.7	46.4	47.8	49.1	44.5	48.0	49.3	50.0
		15	43.8	47.4	48.7	50.0	45.2	4840	4840	4840	42.3	45.9	47.3	48.6	43.8	47.3	4840	4840
		20	42.7	46.2	47.5	48.8	44.5	4670	4670	4670	41.3	44.8	46.1	47.4	42.8	46.4	4670	4670
		25	41.4	44.8	46.1	47.3	43.4	4500	4500	4500	40.0	43.5	44.7	46.0	41.7	4500	4500	4500
		30	40.2	43.5	44.7	45.9	42.2	4320	4320	4320	----	42.2	43.4	44.6	40.6	4320	4320	4320
		35	----	42.2	43.4	44.5	41.0	4150	4150	4150	----	40.9	42.1	43.3	39.5	4150	4150	4150
	$V_1 : V_R$		0.87	0.90	0.91	0.90	0.88	0.92	0.93	0.94	0.90	0.93	0.93	0.94	0.91	0.93	0.94	0.95
10 mm slush or standing water	OAT [°C]	0	41.3	44.9	46.2	47.5	43.2	46.8	48.0	49.3	40.0	43.6	44.9	46.3	41.7	45.4	46.7	47.9
		5	40.9	44.4	45.8	47.0	42.8	46.1	47.4	48.6	39.6	43.2	44.5	45.8	41.6	45.0	46.2	47.4
		10	40.5	44.0	45.3	46.6	42.2	45.5	46.7	47.9	39.2	42.8	44.1	45.4	41.1	44.3	45.6	46.8
		15	40.1	43.6	44.9	46.1	41.6	44.9	46.1	47.3	----	42.3	43.6	44.9	40.4	43.7	44.9	46.1
		20	39.1	42.5	43.8	45.0	40.8	44.3	45.5	46.6	----	41.3	42.6	43.8	39.4	43.0	44.2	45.3
		25	----	41.2	42.4	43.6	39.8	43.2	44.4	4500	----	40.0	41.3	42.5	----	41.9	43.1	44.2
		30	----	40.0	41.2	42.3	----	41.9	43.0	4320	----	----	40.0	41.2	----	40.8	41.9	43.1
		35	----	----	39.9	41.1	----	40.7	4150	4150	----	----	----	40.0		39.7	40.7	4150
	$V_1 : V_R$		0.87	0.90	0.91	0.92	0.88	0.91	0.92	0.92	0.89	0.92	0.93	0.94	0.90	0.92	0.93	0.94
10-50mm dry snow			43.6	47.1	48.4	49.7	45.5	49.0	50.0	50.0	42.0	45.6	46.9	48.2	43.6	47.2	48.5	49.7
	$V_1 : V_R$		0.82	0.85	0.86	0.87	0.82	0.86	0.87	0.88	0.84	0.87	0.88	0.89	0.86	0.88	0.89	0.90

location			WARSAW POLAND OKECIE APT. EPWA															
RWY	elev.[m]		11				110				29				110			
slope	stength		< 0,5				LCN86				< 0,5				LCN86			
TORA	[m]		2300								2800							
TODA			2300								2800							
ASDA			2800								2950							
LDA			2800								2300							
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C]	0	45.0	49.1	50.0	50.0	46.3	50.0	50.0	50.0	48.2	50.0	50.0	50.0	49.6	50.0	50.0	50.0
		5	44.8	48.8	50.0	50.0	45.7	49.9	50.0	50.0	47.9	50.0	50.0	50.0	48.9	50.0	50.0	50.0
		10	44.5	48.5	50.0	50.0	45.1	49.2	50.0	50.0	47.6	50.0	50.0	50.0	48.3	50.0	50.0	50.0
		15	44.2	48.2	49.7	50.0	44.5	48.5	4880	4880	47.3	50.0	50.0	50.0	47.6	4880	4880	4880
		20	42.9	46.8	48.2	49.7	43.9	4710	4710	4710	45.9	49.7	50.0	50.0	47.0	4710	4710	4710
		25	41.6	45.4	46.8	48.2	43.0	4540	4540	4540	44.6	48.3	49.7	4980	4540	4540	4540	4540
		30	40.4	44.1	45.5	46.8	41.8	4360	4360	4360	43.3	46.8	4790	4790 04-2	4360	4360	4360	4360
		35	39.3	42.8	44.1	45.5	40.5	4190	4190	4190	42.0	45.5	4590 03-1	4590 10-2	4190	4190	4190	4190
	$V_1 : V_R$		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	43.1	46.9	48.4	49.8	44.5	48.3	49.6	50.0	46.3	50.0	50.0	50.0	47.6	50.0	50.0	50.0
		5	42.9	46.6	48.1	49.5	43.9	47.7	48.9	50.0	46.0	49.7	50.0	50.0	47.0	50.0	50.0	50.0
		10	42.6	46.3	47.8	49.2	43.3	47.1	48.3	49.5	45.7	49.4	50.0	50.0	46.4	50.0	50.0	50.0
		15	42.3	46.0	47.4	48.8	42.8	46.4	47.7	4880	45.4	49.1	50.0	50.0	45.8	4880	4880	4880
		20	41.1	44.7	46.0	47.4	42.2	45.8	47.0	4710	44.1	47.6	49.0	50.0	45.1	4710	4710	4710
		25	39.9	43.4	44.7	46.0	41.3	44.9	4540	4540	42.8	46.2	47.5	48.8	44.2	4540	4540	4540
		30	----	42.1	43.4	44.7	40.1	43.5	4360	4360	41.5	44.9	46.2	47.4	42.9	4360	4360	4360
		35	----	40.9	42.1	43.4	----	4190	4190	4190	40.3	43.6	44.8	4590	41.6	4190	4190	4190
	$V_1 : V_R$		0.95	0.98	0.98	0.99	0.97	1.00	1.00	1.00	0.92	0.95	0.96	0.96	0.94	0.98	0.98	0.99
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	41.9	45.5	46.9	48.2	43.3	46.9	48.2	49.4	45.0	48.6	50.0	50.0	46.3	50.0	50.0	50.0
		5	41.6	45.2	46.6	47.9	42.8	46.3	47.5	48.8	44.7	48.3	49.7	50.0	45.7	49.4	50.0	50.0
		10	41.4	45.0	46.3	47.6	42.2	45.7	46.9	48.1	44.5	48.0	49.4	50.0	45.1	48.7	50.0	50.0
		15	41.1	44.7	46.0	47.3	41.6	45.1	46.3	47.5	44.1	47.7	49.0	50.0	44.5	48.1	4880	4880
		20	39.9	43.3	44.6	45.9	41.1	44.5	45.7	46.9	42.9	46.3	47.6	48.8	44.0	4710	4710	4710
		25	----	42.1	43.3	44.6	40.3	43.6	44.7	4540	41.6	44.9	46.2	47.4	43.0	4540	4540	4540
		30	----	40.9	42.1	43.3	39.1	42.3	43.4	4360	40.4	43.6	44.8	46.0	41.8	4360	4360	4360
		35	----	39.7	40.9	42.0	----	41.0	4190	4190	39.2	42.4	43.5	44.7	40.5	4190	4190	4190
	$V_1 : V_R$		0.91	0.94	0.94	0.95	0.93	0.96	0.97	0.97	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.95
10 mm slush or standing water	OAT [°C]	0	----	41.8	43.1	44.4	40.0	43.3	44.5	45.7	41.2	44.7	46.1	47.4	42.7	46.1	47.4	48.6
		5	----	41.6	42.9	44.2	39.5	42.7	43.9	45.1	41.0	44.5	45.8	47.1	42.1	45.5	46.8	48.0
		10	----	41.3	42.6	43.9	----	42.2	43.4	44.5	40.7	44.2	45.5	46.8	41.6	44.9	46.2	47.4
		15	----	41.1	42.3	43.6	----	41.6	42.8	43.9	40.5	43.9	45.2	46.5	41.0	44.3	45.5	46.7
		20	----	39.9	41.1	42.3	----	41.1	42.2	43.4	39.3	42.6	43.9	45.1	40.5	43.8	44.9	46.1
		25	----	----	39.9	41.1	----	40.3	41.4	42.5	----	41.4	42.6	43.8	39.7	42.9	44.0	45.2
		30	----	----	----	39.9	----	39.1	40.2	41.2	----	40.2	41.4	42.5	----	41.6	42.7	4360
		35	----	----	----	----	----	----	----	40.0	----	39.0	40.2	41.3	----	40.4	41.5	4190
	$V_1 : V_R$		0.89	0.94	0.94	0.95	0.90	0.95	0.96	0.97	0.88	0.91	0.91	0.92	0.89	0.93	0.94	0.95
10-50mm dry snow			40.5	43.9	45.2	46.4	41.9	45.3	46.5	47.7	43.5	47.0	48.2	49.5	44.9	48.3	49.6	50.0
	$V_1 : V_R$		0.85	0.88	0.89	0.90	0.87	0.90	0.91	0.92	0.82	0.85	0.87	0.88	0.84	0.88	0.89	0.90

location		WARSAW			
		POLAND	OKECIE APT.	EPWA	
RWY	elev.[m]	15/33	110		
slope	stength	<0,5	LCN99		
TORA	[m]	3690			
TODA		3690			
ASDA		3690			
LDA		3690			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880								
	20	50.0	50.0	50.0	50.0	4710	4710	4710	4710								
	25	4980	4980	4980	4980	4540	4540	4540	4540								
	30	4790	4790	4790	4790	4360	4360	4360	4360								
		09-1	09-2	09-2	09-2												
	35	4590	4590	4590	4590	4190	4190	4190	4190								
		08-2	22-3	22-3	22-3												
	$V_1:V_R$	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880								
	20	50.0	50.0	50.0	50.0	4710	4710	4710	4710								
	25	48.7	4980	4980	4980	4540	4540	4540	4540								
	30	47.3	4790	4790	4790	4360	4360	4360	4360								
	35	45.9	4590	4590	4590	4190	4190	4190	4190								
	$V_1:V_R$	0.94	0.96	0.98	0.99	0.97	1.00	1.00	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4880	4880	4880	4880								
	20	48.7	50.0	50.0	50.0	4710	4710	4710	4710								
	25	47.3	4980	4980	4980	4540	4540	4540	4540								
	30	45.9	4790	4790	4790	4360	4360	4360	4360								
	35	44.6	4590	4590	4590	4190	4190	4190	4190								
	$V_1:V_R$	0.89	0.93	0.94	0.95	0.93	0.97	0.98	0.99								
10 mm slush or standing water	OAT [°C] 0	47.0	50.0	50.0	50.0	48.4	50.0	50.0	50.0								
	5	46.7	50.0	50.0	50.0	47.7	50.0	50.0	50.0								
	10	46.5	50.0	50.0	50.0	47.1	50.0	50.0	50.0								
	15	46.1	49.7	50.0	50.0	46.5	4880	4880	4880								
	20	44.8	48.3	49.6	50.0	45.9	4710	4710	4710								
	25	43.5	46.8	48.1	49.3	44.9	4540	4540	4540								
	30	42.2	45.5	46.7	4790	43.6	4360	4360	4360								
	35	41.0	44.2	45.4	4590	4190	4190	4190	4190								
	$V_1:V_R$	0.89	0.92	0.93	0.94	0.91	0.95	0.96	0.96								
10-50mm dry snow		49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	$V_1:V_R$	0.84	0.87	0.88	0.89	0.86	0.91	0.92	0.93								

location			ZAGREB													
			YUGOSLAVIA				ZAGREB APT.				LYZA					
RWY	elev.[m]		05/23				107									
slope	stength		<0,5				LCN90									
TORA	[m]		3250													
TODA			3250													
ASDA			3250													
LDA			3250													
flaps			10°				20°				10°				20°			
wind		[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
μ≥0,65	OAT [°C]	0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		15	50.0	50.0	50.0	50.0	4880	4880	4880	4880								
		20	49.0	50.0	50.0	50.0	4710	4710	4710	4710								
		25	47.6	4990	4990	4990	4540	4540	4540	4540								
		30	46.2	4790	4790	4790	4360	4360	4360	4360								
				06-2	09-2	09-2												
		35	44.9	4600	4600	4600	4190	4190	4190	4190								
				12-2	19-3	22-3												
	V_1 : V_R		0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C]	0	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		5	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
		10	48.8	50.0	50.0	50.0	49.5	50.0	50.0	50.0								
		15	48.5	50.0	50.0	50.0	4880	4880	4880	4880								
		20	47.0	50.0	50.0	50.0	4710	4710	4710	4710								
		25	45.7	49.1	4990	4990	4540	4540	4540	4540								
		30	44.3	47.7	4790	4790	4360	4360	4360	4360								
		35	43.0	4600	4600	4600	4190	4190	4190	4190								
	V_1 : V_R		0.92	0.95	0.96	0.97	0.95	0.99	0.99	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C]	0	48.0	50.0	50.0	50.0	49.4	50.0	50.0	50.0								
		5	47.7	50.0	50.0	50.0	48.8	50.0	50.0	50.0								
		10	47.5	50.0	50.0	50.0	48.1	50.0	50.0	50.0								
		15	47.1	50.0	50.0	50.0	47.5	4880	4880	4880								
		20	45.8	49.2	50.0	50.0	46.9	4710	4710	4710								
		25	44.4	47.8	49.0	4990	4540	4540	4540	4540								
		30	43.1	46.4	47.6	4790	4360	4360	4360	4360								
		35	41.9	45.0	4600	4600	4190	4190	4190	4190								
	V_1 : V_R		0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96								
10 mm slush or standing water	OAT [°C]	0	44.1	47.6	49.0	50.0	45.4	49.1	50.0	50.0								
		5	43.8	47.4	48.7	50.0	44.8	48.4	49.7	50.0								
		10	43.5	47.1	48.4	49.7	44.2	47.8	49.0	50.0								
		15	43.3	46.8	48.1	49.4	43.7	47.1	48.4	4880								
		20	42.0	45.4	46.7	47.9	43.1	46.5	4710	4710								
		25	40.8	44.0	45.3	46.5	42.2	4540	4540	4540								
		30	39.6	42.8	44.0	45.1	41.0	4360	4360	4360								
		35	----	41.5	42.7	43.8	39.8	4190	4190	4190								
	V_1 : V_R		0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95								
10-50mm dry snow			46.5	49.9	50.0	50.0	47.7	50.0	50.0	50.0								
	V_1 : V_R		0.82	0.86	0.87	0.88	0.84	0.89	0.90	0.91								

location		ZURICH							
		SWITZERLAND ZURICH LSZH							
RWY	elev.[m]	10/28		432		16/34		432	
slope	stength	<0,5		PCN60 R/B/W/T		<0,5		PCN60 R/B/W/T	
TORA	[m]	2500				3700			
TODA	[m]	2560				3760			
ASDA	[m]	2500				3700			
LDA	[m]	2500				16: 3700		34: 2780	

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	44.1	47.8	49.2	50.0	45.4	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	43.8	47.4	48.9	50.0	44.7	48.5	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	43.4	47.1	48.5	49.9	44.0	47.7	4890	4890	50.0	50.0	50.0	50.0	4890	4890	4890	4890
	15	42.3	45.9	47.3	48.6	43.3	47.0	4730	4730	50.0	50.0	50.0	50.0	4730	4730	4730	4730
	20	41.1	44.6	45.9	47.2	42.5	4560	4560	4560	50.0	50.0	50.0	50.0	4560	4560	4560	4560
	25	39.9	43.3	44.5	45.8	41.3	4390	4390	4390	4810 03-1	4810 06-2	4810 06-2	4810 06-2	4390	4390	4390	4390
	30	----	42.0	43.3	44.5	40.1	4220	4220	4220	4620 08-1	4620 19-3	4620 19-3	4620 19-3	4220	4220	4220	4220
	35																
	V_1 : V_R	0.94	0.97	0.97	0.98	0.96	0.99	1.00	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	42.5	46.0	47.3	48.6	43.9	47.4	48.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	42.2	45.7	47.0	48.3	43.2	46.7	47.9	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	41.9	45.3	46.6	47.9	42.5	45.9	47.2	48.4	50.0	50.0	50.0	50.0	4890	4890	4890	4890
	15	40.8	44.2	45.5	46.7	41.9	45.2	46.4	4730	49.8	50.0	50.0	50.0	4730	4730	4730	4730
	20	39.6	42.9	44.1	45.3	41.1	44.4	4560	4560	48.3	50.0	50.0	50.0	4560	4560	4560	4560
	25	----	41.6	42.8	44.0	39.9	43.1	4390	4390	46.9	4810	4810	4810	4390	4390	4390	4390
	30	----	40.5	41.6	42.7	----	41.8	4220	4220	45.6	4620	4620	4620	4220	4220	4220	4220
	35																
	V_1 : V_R	0.89	0.92	0.92	0.93	0.91	0.94	0.95	0.96	0.93	0.96	0.97	0.98	0.97	1.00	1.00	1.00
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	41.4	44.8	46.1	47.3	42.8	46.2	47.4	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	5	41.1	44.5	45.8	47.0	42.2	45.5	46.7	47.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	10	40.8	44.2	45.4	46.7	41.5	44.8	46.0	47.2	49.6	50.0	50.0	50.0	4890	4890	4890	4890
	15	39.8	43.1	44.3	45.5	40.9	44.1	45.3	46.4	48.4	50.0	50.0	50.0	4730	4730	4730	4730
	20	----	41.8	43.0	44.1	40.1	43.3	44.4	4560	47.0	50.0	50.0	50.0	4560	4560	4560	4560
	25	----	40.6	41.7	42.9	----	42.0	43.1	4390	45.6	4810	4810	4810	4390	4390	4390	4390
	30	----	39.4	40.5	41.6	----	40.8	41.8	4220	44.3	4620	4620	4620	4220	4220	4220	4220
	35																
	V_1 : V_R	0.85	0.88	0.89	0.90	0.86	0.90	0.91	0.92	0.89	0.92	0.93	0.94	0.92	0.97	0.98	0.99
10 mm slush or standing water	OAT [°C] 0	----	41.3	42.5	43.7	39.6	43.7	43.9	45.1	46.3	49.9	50.0	50.0	47.7	50.0	50.0	50.0
	5	----	41.0	42.2	43.4	39.0	43.1	43.2	44.4	46.0	49.5	50.0	50.0	46.9	50.0	50.0	50.0
	10	----	40.7	41.9	43.1	----	41.4	42.6	43.7	45.6	49.1	50.0	50.0	46.2	4890	4890	4890
	15	----	39.7	40.9	42.0	----	40.8	41.9	43.0	44.5	47.9	49.2	50.0	45.5	4730	4730	4730
	20	----	----	39.7	40.8	----	40.0	41.2	42.3	43.2	46.5	47.7	49.0	44.6	4560	4560	4560
	25	----	----	----	39.6	----	----	39.9	41.0	41.9	45.1	46.3	47.5	43.3	4390	4390	4390
	30	----	---	----	----	----	----	----	39.8	40.7	43.8	45.0	46.2	42.0	4220	4220	4220
	35																
	V_1 : V_R	0.83	0.87	0.88	0.89	0.84	0.89	0.91	0.92	0.88	0.91	0.92	0.93	0.91	0.95	0.95	0.96
10-50mm dry snow		40.2	43.5	44.7	45.9	41.7	44.8	46.0	47.2	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	V_1 : V_R	0.78	0.82	0.83	0.84	0.80	0.84	0.86	0.87	0.83	0.87	0.88	0.89	0.88	0.91	0.92	0.93

location		ZURICH			
		SWITZERLAND	ZURICH	LSZH	
RWY	elev.[m]	32	432		
slope	stength	< 0,5	PCN60 R/B/W/T		
TORA	[m]	3300			
TODA	[m]	3360			
ASDA	[m]	3300			
LDA	[m]	NA			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	4890	4890	4890	4890								
	15	49.0	50.0	50.0	50.0	4730	4730	4730	4730								
	20	47.6	50.0	50.0	50.0	4560	4560	4560	4560								
	25	46.2	4810	4810	4810	4390	4390	4390	4390								
			10-1	06-2	06-2												
	30	44.8	4620	4620	4620	4220	4220	4220	4220								
			08-2	15-3	19-3												
	35																
	$V_1 : V_R$	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	48.6	50.0	50.0	50.0	49.6	50.0	50.0	50.0								
	10	48.2	50.0	50.0	50.0	48.9	4890	4890	4890								
	15	47.0	50.0	50.0	50.0	4730	4730	4730	4730								
	20	45.6	49.1	50.0	50.0	4560	4560	4560	4560								
	25	44.3	47.6	4810	4810	4390	4390	4390	4390								
	30	43.0	4620	4620	4620	4220	4220	4220	4220								
	35																
	$V_1 : V_R$	0.92	0.95	0.96	0.97	0.95	0.99	0.99	1.00								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	47.6	50.0	50.0	50.0	49.0	50.0	50.0	50.0								
	5	47.3	50.0	50.0	50.0	48.2	50.0	50.0	50.0								
	10	46.9	50.0	50.0	50.0	47.5	4890	4890	4890								
	15	45.7	49.1	50.0	50.0	46.8	4730	4730	4730								
	20	44.4	47.7	48.9	50.0	4560	4560	4560	4560								
	25	43.1	46.3	47.5	4810	4390	4390	4390	4390								
	30	41.9	45.0	46.1	4620	4220	4220	4220	4220								
	35																
	$V_1 : V_R$	0.88	0.91	0.92	0.93	0.90	0.94	0.95	0.96								
10 mm slush or standing water	OAT [°C] 0	43.7	47.2	48.5	49.8	45.0	48.6	49.9	50.0								
	5	43.4	46.9	48.2	49.4	44.4	47.9	49.1	50.0								
	10	43.1	46.5	47.8	49.1	43.7	47.1	48.4	4890								
	15	42.0	45.3	46.6	47.8	43.0	46.4	4730	4730								
	20	40.8	44.0	45.2	46.4	42.2	45.5	4560	4560								
	25	39.6	42.7	43.9	45.1	41.0	4390	4390	4390								
	30	----	41.5	42.7	43.8	39.8	4220	4220	4220								
	35																
	$V_1 : V_R$	0.87	0.90	0.91	0.92	0.89	0.93	0.94	0.95								
10-50mm dry snow		46.1	49.5	50.0	50.0	47.4	50.0	50.0	50.0								
	$V_1 : V_R$	0.82	0.85	0.87	0.88	0.84	0.89	0.90	0.91								

location		ANDRAVIDA			
		GREECE	ANDRAVIDA AB.		LGAD
RWY	elev.[m]	16/34	17		
slope	stength	< 0,5	LCN80		
TORA	[m]	3139			
TODA	[m]	3139			
ASDA	[m]	3139			
LDA	[m]	3139			

flaps		10°				20°				10°				20°			
wind	[m/s]	-5	0	5	10	-5	0	5	10	-5	0	5	10	-5	0	5	10
$\mu \geq 0,65$	OAT [°C] 0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	10	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	15	50.0	50.0	50.0	50.0	4930	4930	4930	4930								
	20	48.7	50.0	50.0	50.0	4750	4750	4750	4750								
	25	47.3	50.0	50.0	50.0	4580	4580	4580	4580								
	30	45.9	4840	4840	4840	4400	4400	4400	4400								
			06-1	10-1	10-1												
	35	44.6	4640	4640	4640	4230	4230	4230	4230								
			05-2	12-3	17-3												
	$V_1 : V_R$	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00								
μ=0,45 or dry snow less than 10 mm	OAT [°C] 0	48.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
	5	48.5	50.0	50.0	50.0	49.6	50.0	50.0	50.0								
	10	48.3	50.0	50.0	50.0	49.0	50.0	50.0	50.0								
	15	48.0	50.0	50.0	50.0	48.3	4930	4930	4930								
	20	46.8	50.0	50.0	50.0	4750	4750	4750	4750								
	25	45.4	48.9	50.0	50.0	4580	4580	4580	4580								
	30	44.1	47.5	4840	4840	4400	4400	4400	4400								
	35	42.8	46.1	4640	4640	4230	4230	4230	4230								
	$V_1 : V_R$	0.92	0.94	0.95	0.96	0.94	0.98	0.99	0.99								
μ=0,35 or wet snow less than 3 mm	OAT [°C] 0	47.5	50.0	50.0	50.0	48.8	50.0	50.0	50.0								
	5	47.2	50.0	50.0	50.0	48.2	50.0	50.0	50.0								
	10	46.9	50.0	50.0	50.0	47.6	50.0	50.0	50.0								
	15	46.7	50.0	50.0	50.0	47.0	4930	4930	4930								
	20	45.5	49.0	50.0	50.0	46.4	4750	4750	4750								
	25	44.2	47.5	48.8	50.0	45.6	4580	4580	4580								
	30	42.9	46.1	47.4	4840	4400	4400	4400	4400								
	35	41.6	44.8	46.0	4640	4230	4230	4230	4230								
	$V_1 : V_R$	0.87	0.90	0.92	0.93	0.90	0.94	0.95	0.96								
10 mm slush or standing water	OAT [°C] 0																
	5	43.5	47.1	48.5	49.8	44.9	48.5	49.8	50.0								
	10	43.3	46.9	48.2	49.5	44.4	47.9	49.2	50.0								
	15	43.1	46.6	47.9	49.2	43.8	47.3	48.6	49.8								
	20	42.8	46.3	47.6	48.9	43.3	46.7	48.0	49.2								
	25	41.7	45.2	46.4	47.7	42.7	46.1	47.3	4750								
	30	40.5	43.8	45.1	46.3	42.0	45.3	4580	4580								
	35	39.3	42.6	43.8	44.9	40.8	44.0	4400	4400								
	$V_1 : V_R$	----	41.3	42.5	43.6	39.6	4230	4230	4230								
		0.87	0.90	0.91	0.92	0.89	0.92	0.93	0.94								
10-50mm dry snow	$V_1 : V_R$																