

TAKEOFF DISTANCE SHORT FIELD														
CONDITIONS : Flaps up Full throttle prior to brake release Paved, level, dry runway Zero wind														
Maximum Weight kg	IAS		Pressure Altitude		0°C		10°C		20°C		30°C		40°C	
	Lift Off	At 15 m	ft	m	Ground Roll m	Total to Clear 15 m Obs m	Ground Roll m	Total to Clear 15 m Obs m	Ground Roll m	Total to Clear 15 m Obs m	Ground Roll m	Total to Clear 15 m Obs m	Ground Roll m	Total to Clear 15 m Obs m
1043	96 km/h	109 km/h	Sea level		219	396	236	424	255	454	273	485	293	518
			1000	305	241	433	259	465	279	497	299	532	320	568
	52 kt	59 kt	2000	610	264	474	283	509	305	546	328	584	352	626
	60 MPH	68 MPH	3000	914	290	521	312	559	335	600	361	645	387	690
			4000	1219	319	573	343	617	369	663	396	712	427	765
			5000	1524	351	632	378	683	407	735	437	791	469	852
			6000	1829	386	703	416	757	450	817	483	882	520	953
			7000	2134	427	782	460	844	497	914	535	989	576	1071
			8000	2438	472	875	511	948	550	1029	593	1119	639	1216
NOTES : 1. Short field technique as specified in Section 4. 2. Prior to takeoff from fields above 3000 ft - 914 m elevation, the mixture should be leaned to give maximum RPM in a full throttle, static runup. 3. Decrease distances 10 % for each 9 knots headwind. For operation with tailwinds up to 10 knots, increase distances by 10 % for each 2 knots. 4. For operation on a dry, grass runway, increase distances by 15 % of the "ground roll" figures.														

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950	93 km/h	104 km/h	Sea level		178	326	192	347	207	372	221	396	238	424
	50 kt	56 kt	1000	305	195	355	210	379	226	405	242	433	259	463
			2000	610	213	381	230	415	247	443	265	474	285	507
	58 MPH	64 MPH	3000	914	235	424	253	454	271	486	291	521	312	558
			4000	1219	258	465	277	500	299	535	320	573	344	614
			5000	1524	283	512	305	550	328	590	352	632	378	680
			6000	1829	312	564	335	607	361	652	389	701	418	754
			7000	2134	344	625	370	674	399	725	430	780	462	840
			8000	2438	379	693	410	750	442	809	475	873	512	942
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862	87 km/h	100 km/h	Sea level		143	264	154	280	165	300	177	319	189	340
			1000	305	157	287	168	306	180	326	194	347	207	370
	47 kt	54 kt	2000	610	171	312	184	334	197	357	212	379	227	405
	54 MPH	62 MPH	3000	914	187	340	201	364	216	389	232	416	248	443
			4000	1219	204	372	221	398	238	427	255	456	273	486
			5000	1524	226	408	242	437	261	468	281	500	300	535
			6000	1829	247	448	263	480	287	515	308	552	331	591
			7000	2134	273	494	294	530	315	568	340	610	364	654
			8000	2438	300	546	325	587	349	629	375	677	402	727
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