

## 7. TAKE-OFF PERFORMANCE

**NOTE**

To account for likely in service performance variations apply a factored to distances of 1.10

Weight = 650 kg Flaps: T/O Speed at Lift-Off = 50 KIAS Speed Over 50ft Obstacle = 61 KIAS Throttle Levers: Full Forward Runway: Grass		Corrections Headwind: - 5 m for each kt (16 ft/kt) Tailwind: + 15 m for each kt (49 ft/kt) Paved Runway: - 10% to Ground Roll Runway slope: + 7% to Ground Roll for each +1%				
Pressure Altitude		Distance [m]				ISA
		Temperature [°C]				
[ft]		-25	0	25	50	
S.L.	Ground Roll	144	182	224	272	207
	At 50 ft AGL	304	379	463	557	428
1000	Ground Roll	157	198	245	297	222
	At 50 ft AGL	330	412	503	605	458
2000	Ground Roll	172	216	267	324	238
	At 50 ft AGL	359	448	547	658	490
3000	Ground Roll	188	236	292	354	256
	At 50 ft AGL	391	487	595	717	525
4000	Ground Roll	205	258	319	387	275
	At 50 ft AGL	425	530	648	780	562
5000	Ground Roll	224	283	349	423	295
	At 50 ft AGL	463	578	706	850	603
6000	Ground Roll	246	309	381	463	318
	At 50 ft AGL	505	630	770	927	646
7000	Ground Roll	269	339	418	507	342
	At 50 ft AGL	551	687	840	1011	693
8000	Ground Roll	295	371	458	555	368
	At 50 ft AGL	601	750	917	1104	744
9000	Ground Roll	323	407	502	609	397
	At 50 ft AGL	657	819	1002	1205	800
10000	Ground Roll	354	446	551	668	428
	At 50 ft AGL	718	895	1095	1318	859