

NORMAL TAKEOFF DISTANCE

Sheet 1 of 2

CONDITIONS:

1. 2700 RPM and 39.0 inches Hg. Manifold Pressure Before Brake Release.
2. Mixtures - CHECK Fuel Flows In The White Arc.
3. Wing Flaps - UP.
4. Cowl Flaps - OPEN.
5. Level, Hard Surface, Dry Runway.

NOTES:

1. If full power is applied without brakes set, distances apply from point where, full power is applied.
2. Decrease distance 3% for each 5 knots headwind.
3. Increase distances 12% for each 5 knots tailwind.

WEIGHT - POUNDS	TAKEOFF SPEED - KIAS	PRESSURE ALTITUDE - FEET	-20° C (-4° F)		-10° C (14° F)		0° C (32° F)		10° C (50° F)	
			GROUND ROLL - FEET	TOTAL DISTANCE TO CLEAR 50 FEET	GROUND ROLL - FEET	TOTAL DISTANCE TO CLEAR 50 FEET	GROUND ROLL - FEET	TOTAL DISTANCE TO CLEAR 50 FEET	GROUND ROLL - FEET	TOTAL DISTANCE TO CLEAR 50 FEET
7210	100	Sea Level	1440	1780	1570	1960	1740	2155	1910	2370
		1000	1530	1875	1675	2055	1840	2270	2020	2510
		2000	1620	1990	1780	2185	1940	2405	2140	2640
		3000	1720	2110	1890	2305	2075	2540	2340	2865
		4000	1840	2210	2000	2440	2250	2740	2500	3040
		5000	1950	2350	2180	2640	2410	2910	2650	3225
		6000	2110	2530	2325	2790	2550	3075	2785	3400
		7000	2240	2680	2480	2960	2700	3240	2975	3605
		8000	2390	2835	2620	3120	2875	3445	3170	3825
		9000	2540	2990	2785	3320	3065	3680	3380	4075
		10000	2690	3185	2960	3520	3270	3905	3610	4350
6850	95	Sea Level	1280	1590	1400	1740	1540	1910	1690	2100
		1000	1360	1670	1490	1830	1630	2010	1790	2220
		2000	1440	1770	1580	1940	1730	2130	1900	2340
		3000	1530	1870	1680	2050	1840	2250	2060	2520
		4000	1630	1970	1780	2170	1990	2420	2190	2670
		5000	1730	2090	1900	2330	2120	2560	2330	2830
		6000	1870	2240	2050	2460	2250	2710	2470	3000
		7000	1980	2370	2180	2610	2390	2870	2630	3180
		8000	2110	2510	2320	2770	2550	3050	2810	3380
		9000	2250	2660	2470	2940	2720	3240	2990	3590
		10000	2390	2830	2630	3120	2900	3450	3190	3830
6500	92	Sea Level	1140	1410	1240	1540	1360	1690	1490	1850
		1000	1200	1490	1320	1630	1440	1780	1580	1960
		2000	1280	1570	1400	1720	1530	1880	1680	2070
		3000	1360	1660	1490	1810	1630	1990	1780	2180
		4000	1440	1750	1580	1920	1730	2110	1930	2350
		5000	1530	1850	1680	2030	1870	2260	2050	2490
		6000	1630	1960	1810	2180	1990	2390	2180	2640
		7000	1760	2100	1930	2310	2120	2540	2330	2800
		8000	1870	2220	2050	2440	2250	2690	2480	2970
		9000	1990	2360	2180	2590	2400	2860	2640	3160
		10000	2120	2500	2330	2750	2560	3040	2820	3360
6000	89	Sea Level	950	1190	1040	1300	1130	1410	1240	1550
		1000	1010	1250	1100	1370	1200	1490	1310	1630
		2000	1070	1320	1170	1440	1280	1570	1400	1720
		3000	1130	1390	1240	1520	1350	1660	1480	1820
		4000	1200	1470	1320	1610	1440	1760	1570	1930
		5000	1280	1550	1400	1700	1530	1860	1670	2040
		6000	1360	1640	1490	1800	1630	1970	1810	2190
		7000	1450	1740	1580	1910	1750	2110	1920	2320
		8000	1540	1850	1700	2040	1870	2240	2050	2460
		9000	1650	1970	1810	2160	1990	2370	2180	2610
		10000	1760	2090	1930	2290	2120	2520	2320	2770