

NORMAL LANDING DISTANCE

CONDITIONS:

1. Throttles - IDLE.
2. Landing Gear - DOWN.
3. Wing Flaps - 45°.
4. Cowl Flaps - CLOSE.
5. Level, Hard Surface Runway.
6. Maximum Effective Braking.

NOTE:

1. If necessary to land with wing flaps UP, the approach speed should be increased above the normal approach speed by 13 knots. Expect total landing distance to increase by 35%.
2. Decrease total distances by 3% for each 5 knots headwind. For operations with tailwinds up to 10 knots, increase total distances by 14% for each 5 knots wind.

WEIGHT- POUNDS	SPEED AT 50-FOOT OBSTACLE KIAS	PRESSURE ALTITUDE - FEET	20°C (68°F)		30°C (86°F)		40°C (104°F)	
			GROUND ROLL - FEET	TOTAL DISTANCE TO CLEAR 50-FOOT OBSTACLE	GROUND ROLL - FEET	TOTAL DISTANCE TO CLEAR 50-FOOT OBSTACLE	GROUND ROLL - FEET	TOTAL DISTANCE TO CLEAR 50-FOOT OBSTACLE
6850	95	Sea Level	1080	2510	1110	2540	1150	2580
		1000	1120	2550	1160	2590	1190	2620
		2000	1160	2590	1200	2630	1240	2670
		3000	1200	2630	1240	2670	1280	2710
		4000	1250	2680	1290	2720	1330	2760
		5000	1290	2720	1340	2770	1380	2810
		6000	1340	2770	1390	2820	1440	2870
		7000	1400	2830	1440	2870	1490	2920
		8000	1450	2880	1500	2930	1550	2980
		9000	1510	2940	1560	2990	1610	3040
		10,000	1570	3000	1620	3050	1670	3100
6500	93	Sea Level	960	2390	990	2420	1030	2460
		1000	1000	2430	1030	2460	1060	2490
		2000	1030	2460	1070	2500	1100	2530
		3000	1070	2500	1110	2540	1140	2570
		4000	1110	2540	1150	2580	1190	2620
		5000	1150	2580	1190	2620	1230	2660
		6000	1200	2630	1240	2670	1280	2710
		7000	1240	2670	1290	2720	1330	2760
		8000	1290	2720	1340	2770	1380	2810
		9000	1340	2770	1390	2820	1430	2860
		10,000	1400	2830	1440	2870	1490	2920
6000	88	Sea Level	810	2240	830	2260	860	2290
		1000	840	2270	860	2290	890	2320
		2000	870	2300	900	2330	930	2360
		3000	900	2330	930	2360	960	2390
		4000	930	2360	970	2400	1000	2430
		5000	970	2400	1000	2430	1030	2460
		6000	1010	2440	1040	2470	1070	2500
		7000	1040	2470	1080	2510	1120	2550
		8000	1080	2510	1120	2550	1160	2590
		9000	1130	2560	1170	2600	1200	2630
		10,000	1170	2600	1210	2640	1250	2680
5500	83	Sea Level	670	2100	690	2120	710	2140
		1000	690	2120	720	2150	740	2170
		2000	720	2150	740	2170	770	2200
		3000	740	2170	770	2200	790	2220
		4000	770	2200	800	2230	820	2250
		5000	800	2230	830	2260	860	2290
		6000	830	2260	860	2290	890	2320
		7000	860	2290	890	2320	920	2350
		8000	900	2330	930	2360	960	2390
		9000	930	2360	960	2390	990	2420
		10,000	970	2400	1000	2430	1030	2460
5000	83	Sea Level	540	2100	560	2120	580	2130
		1000	560	2120	580	2140	600	2150
		2000	580	2140	600	2160	620	2180
		3000	600	2160	620	2180	640	2200
		4000	630	2180	650	2200	670	2220
		5000	650	2210	670	2230	690	2250
		6000	680	2230	700	2250	720	2280
		7000	700	2260	720	2280	750	2300
		8000	730	2280	750	2310	780	2330
		9000	760	2310	780	2340	810	2360
		10,000	790	2340	810	2370	840	2390

Figure 5-25 (Sheet 2 of 2)