LANDING DISTANCE - FEET ACTUAL DISTANCE 1000 FEET

CONDITIONS: Landing Gear - DOWN
Wing Flaps - LAND
Speed Brakes - EXTEND AFTER TOUCHDOWN
Anti-Ice Systems - ON or OFF
Thrust - IDLE
Airspeed - V_{REF} at 50 FEET

Some conditions may be brake energy limited. Refer to Figures 4-27 and 4-28 for allowable landing weights.

WEIGHT = 13300 LBS *
VREF = 111 KIAS VAPP = 118 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2900	2200	2070	1950	1830
-20	2960	2220	2090	1970	1850
-15	3040	2240	2110	1990	1870
-10	3110	2270	2140	2010	1890
-5	3190	2300	2160	2040	1920
0	3270	2350	2180	2060	1940
5	3350	2390	2200	2080	1960
10	3450	2440	2230	2100	1980
15	3540	2490	2250	2120	2000
20	3640	2540	2300	2140	2020
25	3740	2600	2340	2170	2040
30	3860	2650	2390	2190	2070
35	3970	2710	2440	2210	2090
40	4100	2770	2490	2250	2110
45	4230	2830	2540	2290	2130
50	4350	2890	2580	2330	2150

WEIGHT = 12700 LBS
VREF = 108 KIAS VAPP = 116 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2680	2150	2020	1900	1780
-20	2730	2170	2040	1920	1800
-15	2790	2190	2060	1940	1820
-10	2840	2210	2080	1960	1840
-5	2900	2230	2110	1980	1860
0	2960	2260	2130	2000	1880
5	3030	2280	2150	2020	1900
10	3090	2300	2170	2040	1930
15	3160	2320	2190	2070	1950
20	3240	2350	2210	2090	1970
25	3310	2400	2230	2110	1990
30	3390	2440	2250	2130	2010
35	3470	2480	2280	2150	2030
40	3560	2530	2300	2170	2050
45	3650	2580	2340	2190	2070
50	3730	2620	2370	2210	2080
52	3770	2640	2390	2210	2090

WEIGHT = 12500 LBS
VREF = 108 KIAS VAPP = 115 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2610	2130	2000	1880	1770
-20	2660	2150	2020	1900	1790
-15	2710	2170	2050	1920	1810
-10	2770	2190	2070	1940	1830
-5	2820	2220	2090	1960	1850
0	2880	2240	2110	1980	1870
5	2940	2260	2130	2010	1890
10	3000	2280	2150	2030	1910
15	3060	2300	2170	2050	1930
20	3130	2320	2190	2070	1950
25	3190	2340	2210	2090	1970
30	3270	2380	2230	2110	1990
35	3340	2420	2250	2130	2010
40	3420	2460	2280	2150	2030
45	3500	2510	2300	2170	2050
50	3570	2550	2310	2190	2060
52	3600	2570	2330	2190	2070

WEIGHT = 12000 LBS
VREF = 106 KIAS VAPP = 113 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2510	2090	1960	1840	1730
-20	2530	2110	1980	1860	1740
-15	2560	2130	2000	1880	1760
-10	2600	2150	2020	1900	1780
-5	2640	2170	2040	1920	1800
0	2690	2190	2060	1940	1820
5	2740	2210	2080	1960	1840
10	2790	2230	2100	1980	1860
15	2840	2250	2120	2000	1880
20	2890	2270	2140	2020	1900
25	2940	2290	2160	2040	1920
30	3000	2310	2180	2060	1940
35	3060	2330	2200	2080	1960
40	3120	2350	2220	2100	1980
45	3180	2370	2240	2120	2000
50	3230	2390	2260	2130	2010
52	3260	2400	2260	2140	2020

To obtain landing distance with a runway gradient, refer to factors on page 4-180.

* For use in an emergency which requires a landing at a weight in excess of maximum design landing weight of 12,700 pounds.

Figure 4-29 (Sheet 3 of 30)