LANDING DISTANCE - FEET ACTUAL DISTANCE

FLAPS - LAND
1000 FEET

CONDITIONS: LANDING GEAR - DOWN
THRUST - IDLE AT 50 FEET
AIRSPEED - VREF AT 50 FEET
ANTI-ICE - ON OR OFF
GROUND FLAPS - AFTER TOUCHDOWN

SOME CONDITIONS MAY BE BRAKE ENERGY OR CLIMB LIMITED. OBTAIN ALLOWABLE WEIGHT FROM MAXIMUM LANDING WEIGHT TABLES.

*WEIGHT = 13870 POUNDS
VREF = 112 KIAS VAPP = 122 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	3290	2720	2560	2400	2260
-20	3330	2760	2590	2440	2290
-15	3380	2800	2630	2470	2330
-10	3420	2830	2670	2510	2360
-5	3470	2870	2710	2550	2400
0	3520	2920	2750	2590	2430
5	3570	2960	2790	2630	2470
10	3620	3010	2830	2670	2510
15	3670	3050	2870	2710	2550
20	3730	3090	2920	2750	2590
25	3780	3140	2960	2790	2630
30	3830	3180	3000	2830	2670
35	3880	3230	3040	2870	2710
40	3940	3270	3090	2910	2750
45	3990	3320	3130	2950	2790
50	4040	3360	3180	3000	2820
51	4060	3370	3180	3000	2830

WEIGHT = 12750 POUNDS
VREF = 108 KIAS VAPP = 117 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	3090	2550	2400	2250	2110
-20	3130	2590	2430	2290	2150
-15	3170	2620	2470	2320	2180
-10	3210	2650	2500	2350	2210
-5	3250	2690	2530	2390	2240
0	3290	2730	2570	2420	2270
5	3340	2770	2610	2460	2310
10	3380	2810	2650	2490	2340
15	3430	2850	2690	2530	2380
20	3480	2890	2720	2570	2410
25	3520	2930	2760	2600	2450
30	3570	2970	2800	2640	2490
35	3620	3010	2840	2680	2520
40	3660	3050	2880	2710	2560
45	3710	3090	2920	2750	2590
50	3750	3130	2960	2790	2630
52	3770	3150	2970	2800	2640

WEIGHT = 12600 POUNDS
VREF = 107 KIAS VAPP = 117 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	3070	2530	2380	2230	2100
-20	3100	2560	2410	2270	2130
-15	3140	2600	2440	2300	2160
-10	3180	2630	2480	2330	2190
-5	3220	2670	2510	2360	2220
0	3260	2700	2550	2400	2250
5	3310	2740	2590	2430	2290
10	3350	2790	2620	2470	2320
15	3400	2820	2660	2510	2360
20	3440	2860	2700	2540	2390
25	3490	2900	2740	2580	2430
30	3540	2940	2780	2610	2460
35	3580	2980	2810	2650	2500
40	3630	3020	2850	2690	2530
45	3670	3060	2890	2730	2570
50	3720	3100	2930	2760	2600
52	3740	3120	2940	2780	2610

WEIGHT = 12400 POUNDS
VREF = 106 KIAS VAPP = 116 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	3030	2500	2350	2210	2070
-20	3070	2540	2390	2240	2100
-15	3110	2570	2420	2270	2130
-10	3150	2600	2450	2300	2160
-5	3190	2640	2480	2340	2190
0	3230	2670	2520	2370	2220
5	3270	2710	2560	2400	2260
10	3310	2750	2590	2440	2290
15	3360	2790	2630	2480	2330
20	3410	2830	2670	2510	2360
25	3450	2870	2700	2550	2400
30	3490	2910	2740	2590	2430
35	3540	2950	2780	2620	2470
40	3580	2990	2820	2650	2500
45	3630	3020	2850	2690	2540
50	3670	3060	2890	2730	2570
52	3690	3080	2910	2740	2580

WEIGHT = 12200 POUNDS
VREF = 106 KIAS VAPP = 115 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	3000	2470	2330	2190	2050
-20	3040	2510	2360	2210	2080
-15	3070	2540	2390	2240	2110
-10	3110	2570	2420	2280	2140
-5	3150	2600	2450	2310	2170
0	3190	2640	2490	2340	2200
5	3230	2680	2530	2380	2230
10	3280	2720	2560	2410	2270
15	3320	2760	2600	2450	2300
20	3360	2800	2630	2480	2340
25	3410	2830	2670	2520	2370
30	3450	2870	2710	2550	2400
35	3490	2910	2750	2590	2430
40	3540	2950	2780	2620	2470
45	3580	2990	2820	2660	2500
50	3630	3020	2850	2690	2540
52	3650	3040	2870	2710	2550

WEIGHT = 12000 POUNDS
VREF = 105 KIAS VAPP = 114 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2970	2450	2300	2160	2020
-20	3010	2480	2330	2190	2050
-15	3040	2510	2360	2220	2080
-10	3080	2540	2400	2250	2110
-5	3110	2580	2420	2280	2140
0	3150	2610	2460	2310	2170
5	3200	2650	2500	2350	2200
10	3240	2690	2530	2380	2240
15	3280	2730	2570	2420	2270
20	3320	2760	2600	2450	2310
25	3370	2800	2640	2490	2340
30	3410	2840	2680	2520	2370
35	3450	2870	2710	2560	2400
40	3500	2910	2750	2590	2440
45	3540	2950	2790	2620	2470
50	3580	2990	2820	2660	2510
52	3600	3000	2830	2670	2520

525BFM-06-00

TO OBTAIN LANDING DISTANCE WITH NEGATIVE (DOWNHILL) RUNWAY GRADIENT, REFER TO LANDING PROCEDURES
* FOR USE IN AN EMERGENCY WHICH REQUIRES LANDING IN EXCESS OF THE MAXIMUM DESIGN LANDING WEIGHT OF 12750 POUNDS

Figure 4-530-1 (Sheet 3)

LANDING DISTANCE - FEET ACTUAL DISTANCE

FLAPS - LAND
1000 FEET

CONDITIONS: LANDING GEAR - DOWN
THRUST - IDLE AT 50 FEET
AIRSPEED - VREF AT 50 FEET
ANTI-ICE - ON OR OFF
GROUND FLAPS - AFTER TOUCHDOWN

SOME CONDITIONS MAY BE BRAKE ENERGY OR CLIMB LIMITED. OBTAIN ALLOWABLE WEIGHT FROM MAXIMUM LANDING WEIGHT TABLES.

WEIGHT = 11500 POUNDS
VREF = 103 KIAS VAPP = 111 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2890	2380	2240	2100	1970
-20	2930	2410	2270	2130	1990
-15	2960	2440	2300	2160	2020
-10	3000	2470	2330	2190	2050
-5	3030	2500	2360	2210	2080
0	3070	2540	2390	2250	2110
5	3110	2580	2420	2280	2140
10	3150	2610	2460	2310	2170
15	3190	2650	2490	2350	2200
20	3230	2680	2530	2380	2240
25	3270	2720	2560	2410	2270
30	3310	2750	2600	2440	2300
35	3350	2790	2630	2480	2330
40	3390	2820	2670	2510	2370
45	3440	2860	2700	2550	2400
50	3470	2900	2730	2580	2430
52	3490	2910	2750	2590	2440

WEIGHT = 11000 POUNDS
VREF = 101 KIAS VAPP = 109 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2820	2320	2180	2040	1910
-20	2850	2350	2200	2070	1940
-15	2880	2380	2230	2090	1960
-10	2910	2400	2260	2120	1990
-5	2950	2430	2290	2150	2010
0	2990	2470	2320	2180	2040
5	3020	2500	2360	2210	2080
10	3060	2540	2390	2240	2110
15	3100	2570	2420	2280	2140
20	3140	2600	2450	2310	2170
25	3180	2640	2490	2340	2200
30	3220	2670	2520	2370	2230
35	3260	2710	2550	2400	2260
40	3290	2740	2590	2440	2290
45	3330	2780	2620	2470	2320
50	3370	2810	2650	2500	2350
52	3390	2820	2660	2510	2370

WEIGHT = 10500 POUNDS
VREF = 99 KIAS VAPP = 107 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2750	2250	2120	1980	1860
-20	2780	2280	2140	2010	1880
-15	2810	2310	2170	2030	1910
-10	2840	2340	2200	2060	1930
-5	2870	2370	2220	2090	1960
0	2910	2400	2260	2120	1980
5	2940	2430	2290	2150	2010
10	2980	2460	2320	2180	2040
15	3020	2500	2350	2210	2070
20	3050	2530	2380	2240	2100
25	3090	2560	2410	2270	2130
30	3130	2600	2450	2300	2160
35	3170	2630	2480	2330	2190
40	3200	2660	2510	2360	2220
45	3240	2690	2540	2390	2250
50	3270	2730	2570	2420	2280
52	3290	2740	2590	2430	2290

WEIGHT = 10000 POUNDS
VREF = 97 KIAS VAPP = 105 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2680	2190	2060	1930	1810
-20	2710	2220	2080	1960	1830
-15	2740	2250	2110	1980	1860
-10	2770	2270	2140	2000	1880
-5	2800	2300	2160	2030	1900
0	2830	2330	2190	2060	1930
5	2860	2370	2220	2090	1960
10	2900	2400	2250	2120	1980
15	2940	2430	2280	2150	2010
20	2970	2460	2310	2180	2040
25	3010	2490	2350	2200	2070
30	3040	2520	2380	2230	2100
35	3080	2550	2400	2260	2130
40	3110	2590	2440	2290	2150
45	3150	2620	2470	2320	2180
50	3180	2650	2500	2350	2210
52	3200	2660	2510	2360	2220

WEIGHT = 9500 POUNDS
VREF = 95 KIAS VAPP = 102 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2610	2140	2010	1880	1760
-20	2640	2160	2030	1910	1780
-15	2670	2190	2050	1930	1800
-10	2690	2210	2080	1950	1830
-5	2720	2240	2100	1980	1850
0	2760	2270	2130	2000	1880
5	2790	2300	2160	2030	1900
10	2820	2330	2190	2060	1930
15	2860	2360	2220	2080	1960
20	2890	2390	2250	2110	1980
25	2930	2420	2280	2140	2010
30	2960	2450	2310	2170	2040
35	2990	2480	2340	2190	2060
40	3030	2510	2370	2220	2090
45	3060	2540	2400	2250	2110
50	3090	2570	2420	2280	2140
52	3110	2580	2430	2290	2150

WEIGHT = 9000 POUNDS
VREF = 93 KIAS VAPP = 100 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2550	2080	1960	1830	1710
-20	2580	2110	1980	1850	1730
-15	2600	2130	2000	1880	1760
-10	2620	2150	2020	1900	1770
-5	2650	2180	2050	1920	1800
0	2680	2200	2070	1950	1820
5	2720	2230	2100	1980	1850
10	2750	2260	2130	2000	1880
15	2780	2290	2160	2030	1900
20	2810	2320	2180	2050	1930
25	2840	2350	2210	2080	1950
30	2880	2380	2240	2110	1980
35	2910	2410	2270	2130	2000
40	2940	2440	2290	2160	2030
45	2980	2470	2320	2180	2050
50	3010	2490	2350	2210	2080
52	3020	2510	2360	2220	2090

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TO OBTAIN LANDING DISTANCE WITH NEGATIVE (DOWNHILL) RUNWAY GRADIENT, REFER TO LANDING PROCEDURES

Figure 4-530-1 (Sheet 4)

LANDING DISTANCE - FEET ACTUAL DISTANCE

FLAPS - LAND
SEA LEVEL

CONDITIONS: LANDING GEAR - DOWN
THRUST - IDLE AT 50 FEET
AIRSPEED - VREF AT 50 FEET
ANTI-ICE - ON OR OFF
GROUND FLAPS - AFTER TOUCHDOWN

SOME CONDITIONS MAY BE BRAKE ENERGY OR CLIMB LIMITED. OBTAIN ALLOWABLE WEIGHT FROM MAXIMUM LANDING WEIGHT TABLES.

*WEIGHT = 13870 POUNDS
VREF = 112 KIAS VAPP = 122 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	3210	2640	2490	2340	2190
-20	3250	2680	2520	2370	2220
-15	3290	2720	2560	2400	2260
-10	3330	2760	2600	2440	2290
-5	3380	2790	2630	2470	2330
0	3420	2830	2670	2510	2360
5	3470	2870	2710	2550	2400
10	3520	2920	2750	2590	2430
15	3570	2960	2790	2630	2470
20	3620	3000	2830	2670	2510
25	3670	3040	2870	2710	2550
30	3720	3090	2910	2750	2590
35	3770	3130	2950	2790	2620
40	3820	3180	3000	2820	2660
45	3870	3220	3040	2860	2700
50	3920	3260	3080	2900	2740
54	3960	3300	3110	2930	2770

WEIGHT = 12750 POUNDS
VREF = 108 KIAS VAPP = 117 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	3020	2490	2340	2190	2050
-20	3050	2520	2370	2220	2080
-15	3090	2550	2400	2250	2120
-10	3130	2590	2430	2290	2150
-5	3170	2620	2460	2320	2180
0	3210	2650	2500	2350	2210
5	3250	2690	2540	2390	2240
10	3290	2730	2570	2420	2270
15	3340	2770	2610	2460	2310
20	3380	2810	2650	2490	2340
25	3430	2850	2680	2530	2380
30	3470	2880	2720	2560	2410
35	3520	2920	2760	2600	2440
40	3560	2960	2800	2630	2480
45	3610	3000	2830	2670	2510
50	3650	3040	2870	2700	2550
54	3680	3070	2900	2730	2580

WEIGHT = 12600 POUNDS
VREF = 107 KIAS VAPP = 117 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	3000	2460	2320	2180	2040
-20	3030	2500	2350	2200	2070
-15	3070	2530	2380	2230	2100
-10	3100	2560	2410	2270	2130
-5	3140	2600	2440	2300	2160
0	3180	2630	2480	2330	2190
5	3220	2670	2510	2370	2220
10	3270	2710	2550	2400	2250
15	3310	2750	2590	2430	2290
20	3350	2780	2620	2470	2320
25	3400	2820	2660	2500	2360
30	3440	2860	2700	2540	2390
35	3480	2900	2730	2580	2420
40	3530	2940	2770	2610	2460
45	3570	2980	2810	2640	2490
50	3620	3010	2840	2680	2520
54	3650	3040	2870	2710	2550

WEIGHT = 12400 POUNDS
VREF = 106 KIAS VAPP = 116 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2960	2440	2290	2150	2010
-20	3000	2470	2320	2180	2040
-15	3030	2500	2350	2210	2070
-10	3070	2540	2390	2240	2100
-5	3110	2570	2410	2270	2130
0	3140	2600	2450	2300	2160
5	3190	2640	2480	2340	2190
10	3230	2680	2520	2370	2230
15	3270	2710	2560	2400	2260
20	3310	2750	2590	2440	2290
25	3360	2790	2630	2470	2330
30	3400	2820	2660	2510	2360
35	3440	2860	2700	2540	2390
40	3490	2900	2740	2580	2430
45	3530	2940	2770	2610	2460
50	3570	2980	2810	2650	2490
54	3610	3010	2830	2670	2520

WEIGHT = 12200 POUNDS
VREF = 106 KIAS VAPP = 115 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2930	2410	2270	2130	1990
-20	2970	2440	2300	2160	2020
-15	3000	2470	2330	2190	2050
-10	3040	2510	2360	2210	2080
-5	3070	2540	2390	2240	2110
0	3110	2570	2420	2270	2140
5	3150	2610	2450	2310	2170
10	3190	2640	2490	2340	2200
15	3230	2680	2530	2380	2230
20	3280	2720	2560	2410	2270
25	3320	2760	2600	2440	2300
30	3360	2790	2630	2480	2330
35	3400	2830	2670	2510	2360
40	3440	2860	2700	2550	2400
45	3490	2900	2740	2580	2430
50	3530	2940	2770	2610	2460
54	3560	2970	2800	2640	2490

WEIGHT = 12000 POUNDS
VREF = 105 KIAS VAPP = 114 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2900	2390	2240	2100	1970
-20	2940	2420	2270	2130	1990
-15	2970	2450	2300	2160	2020
-10	3010	2480	2330	2190	2050
-5	3040	2510	2360	2220	2080
0	3070	2540	2390	2250	2110
5	3120	2580	2430	2280	2140
10	3160	2610	2460	2320	2180
15	3200	2650	2500	2350	2200
20	3240	2690	2530	2380	2240
25	3280	2720	2570	2410	2270
30	3320	2760	2600	2450	2300
35	3360	2800	2630	2480	2340
40	3410	2830	2670	2520	2370
45	3440	2870	2700	2550	2400
50	3490	2900	2740	2580	2430
54	3520	2930	2770	2610	2460

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TO OBTAIN LANDING DISTANCE WITH NEGATIVE (DOWNHILL) RUNWAY GRADIENT, REFER TO LANDING PROCEDURES
* FOR USE IN AN EMERGENCY WHICH REQUIRES LANDING IN EXCESS OF THE MAXIMUM DESIGN LANDING WEIGHT OF 12750 POUNDS

Figure 4-530-1 (Sheet 1 of 30)

LANDING DISTANCE - FEET ACTUAL DISTANCE

FLAPS - LAND SEA LEVEL

CONDITIONS: LANDING GEAR - DOWN
THRUST - IDLE AT 50 FEET
AIRSPEED - VREF AT 50 FEET
ANTI-ICE - ON OR OFF
GROUND FLAPS - AFTER TOUCHDOWN

SOME CONDITIONS MAY BE BRAKE ENERGY OR CLIMB LIMITED. OBTAIN ALLOWABLE WEIGHT FROM MAXIMUM LANDING WEIGHT TABLES.

WEIGHT = 11500 POUNDS
VREF = 103 KIAS VAPP = 111 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2830	2320	2180	2040	1910
-20	2860	2350	2210	2070	1940
-15	2890	2380	2240	2100	1970
-10	2930	2410	2270	2130	1990
-5	2960	2440	2290	2160	2020
0	2990	2470	2330	2190	2050
5	3030	2510	2360	2210	2080
10	3070	2540	2390	2250	2110
15	3110	2580	2420	2280	2140
20	3150	2610	2460	2310	2170
25	3190	2640	2490	2340	2200
30	3230	2680	2530	2380	2230
35	3270	2710	2560	2410	2260
40	3310	2750	2590	2440	2290
45	3350	2780	2620	2470	2330
50	3380	2820	2660	2500	2360
54	3420	2840	2680	2530	2380

WEIGHT = 11000 POUNDS
VREF = 101 KIAS VAPP = 109 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2760	2260	2120	1990	1860
-20	2790	2290	2150	2010	1880
-15	2820	2320	2180	2040	1910
-10	2850	2350	2200	2070	1940
-5	2880	2370	2230	2090	1960
0	2910	2400	2260	2120	1990
5	2950	2430	2290	2150	2020
10	2990	2470	2320	2180	2050
15	3020	2500	2360	2210	2080
20	3060	2540	2390	2240	2110
25	3100	2570	2420	2270	2140
30	3140	2600	2450	2310	2170
35	3180	2630	2480	2340	2190
40	3210	2670	2520	2370	2220
45	3250	2700	2550	2400	2250
50	3290	2730	2580	2430	2280
54	3310	2760	2600	2450	2310

WEIGHT = 10500 POUNDS
VREF = 99 KIAS VAPP = 107 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2690	2200	2060	1930	1810
-20	2720	2230	2090	1960	1830
-15	2750	2250	2120	1980	1860
-10	2780	2280	2140	2010	1880
-5	2810	2310	2170	2030	1910
0	2830	2340	2190	2060	1930
5	2870	2370	2230	2090	1960
10	2910	2400	2260	2120	1980
15	2940	2430	2290	2150	2010
20	2980	2460	2320	2180	2040
25	3020	2500	2350	2210	2070
30	3050	2530	2380	2240	2100
35	3090	2560	2410	2270	2130
40	3120	2590	2440	2300	2160
45	3160	2620	2470	2330	2190
50	3190	2650	2500	2360	2210
54	3220	2680	2530	2380	2240

WEIGHT = 10000 POUNDS
VREF = 97 KIAS VAPP = 105 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2620	2140	2010	1890	1760
-20	2650	2170	2030	1910	1780
-15	2680	2190	2060	1930	1810
-10	2710	2220	2080	1960	1830
-5	2730	2240	2110	1980	1850
0	2760	2270	2140	2000	1880
5	2800	2300	2170	2030	1910
10	2830	2330	2190	2060	1930
15	2870	2370	2220	2090	1960
20	2900	2400	2250	2120	1980
25	2930	2420	2280	2140	2010
30	2970	2460	2310	2170	2040
35	3000	2490	2340	2200	2060
40	3040	2520	2370	2230	2090
45	3070	2550	2400	2260	2120
50	3100	2580	2430	2290	2150
54	3130	2600	2450	2310	2170

WEIGHT = 9500 POUNDS
VREF = 95 KIAS VAPP = 102 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2560	2090	1960	1840	1720
-20	2590	2110	1980	1860	1740
-15	2610	2140	2000	1880	1760
-10	2640	2160	2030	1900	1780
-5	2660	2190	2050	1930	1800
0	2690	2210	2080	1950	1830
5	2730	2240	2100	1980	1850
10	2760	2270	2130	2000	1880
15	2790	2300	2160	2030	1900
20	2820	2330	2190	2060	1930
25	2860	2360	2220	2080	1960
30	2890	2390	2240	2110	1980
35	2920	2410	2270	2140	2010
40	2960	2440	2300	2160	2030
45	2990	2470	2330	2190	2060
50	3020	2500	2360	2220	2080
54	3040	2530	2380	2240	2100

WEIGHT = 9000 POUNDS
VREF = 93 KIAS VAPP = 100 KIAS

TEMP DEG C	TAILWIND 10 KTS	ZERO WIND	HEADWINDS 10 KTS	20 KTS	30 KTS
-25	2500	2040	1910	1790	1670
-20	2520	2060	1930	1810	1690
-15	2550	2080	1960	1830	1710
-10	2570	2110	1980	1850	1730
-5	2600	2130	2000	1870	1750
0	2620	2150	2020	1900	1770
5	2650	2180	2050	1920	1800
10	2690	2200	2070	1950	1820
15	2720	2230	2100	1980	1850
20	2750	2260	2130	2000	1880
25	2780	2290	2160	2020	1900
30	2810	2320	2180	2050	1930
35	2840	2350	2210	2080	1950
40	2870	2380	2230	2100	1980
45	2900	2400	2260	2130	2000
50	2940	2430	2290	2150	2020
54	2960	2450	2310	2170	2040

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TO OBTAIN LANDING DISTANCE WITH NEGATIVE (DOWNHILL) RUNWAY GRADIENT, REFER TO LANDING PROCEDURES

Figure 4-530-1 (Sheet 2)

Descent

1. Windshield Defog Systems . . . . . **As Required**
   a. DEFOG Button (at start of descent). . . . . **High**
   b. Cockpit Air Distribution Slider . . . . . **MAX**
   c. WINDSHIELD ANTI-ICE BLEED AIR Knobs . . . . . **MAX**
   d. WINDSHIELD ANTI-ICE BLEED Switch (below 18,000 feet if landing with temperature/dewpoint spread of less than 5°C). . . . . **LOW**
2. Pressurization . . . . . **Verify/Set** landing field elevation
3. Ice Protection Systems . . . . . **As Required**
4. Altimeters (transition level) . . . . . **Set/Crosscheck**
5. Exterior Lights . . . . . **As Required**

Approach

1. Landing Data. . . . . **Confirm**
   a. Airspeed. . . . . **V_{APP}/V_{REF}**
   b. Landing Distance . . . . . **Calculate**

(Continued Next Page)

V_{APP}/V_{REF} - KIAS

Flaps	WEIGHT - POUNDS					
	9000	10,000	11,000	12,000	12,750	13,870*
15° (V_{APP})	100	105	109	114	117	122
35°(V_{REF})	93	97	101	105	108	112

* USE IN AN EMERGENCY WHICH REQUIRES LANDING AT WEIGHTS IN EXCESS OF 12,750 POUNDS.

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CROSSWIND COMPONENT

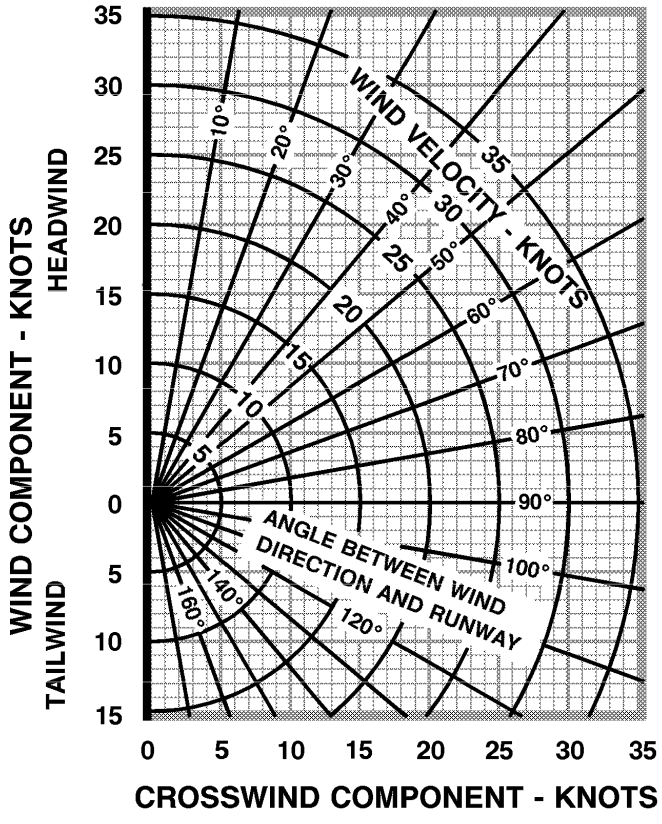

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Figure 3-710-1

Approach (Continued)

2. Crew Briefing . . . . . **Complete**
3. Avionics/Flight Instruments . . . . . **Check/Set**
4. Minimums . . . . . **Set**
   When conducting FMS-based approaches and prior to crossing the FAF, ensure approach minimums are appropriate for the minimum magenta service level displayed between both HSIs
5. FUEL TRANSFER Selector . . . . . **OFF**
6. Exterior Lights . . . . . **As Required**
7. Ice Protection Systems . . . . . **As Required**
8. Flaps . . . . . **15°**
9. Passenger Briefing . . . . . **Complete**
10. Seats . . . . . **Upright/Outboard**
11. Seat Belts/Shoulder Harnesses . . . . . **Adjusted/Secure**
12. PAX SAFETY Switch . . . . . **PAX SAFETY**
13. Messages . . . . . **Check**
14. Pressurization . . . . . **ΔP<0.5 PSI by Touchdown**

Before Landing

1. Landing Gear . . . . . **Down** (3 green)
2. Flaps . . . . . **35°**
3. Speedbrakes . . . . . **Retracted**
4. Airspeed . . . . . **Crosscheck/V_{REF}**
5. Autopilot and Yaw Damper . . . . . **Disengage**

Landing

1. Throttles . . . . . **IDLE**
2. Brakes (after nosewheel touchdown) . . . . . **Apply**
3. Flaps . . . . . **55°**

All Engines Go-Around

1. GA Button . . . . . **Push**
2. Throttles . . . . . **TO**
3. Pitch Attitude . . . . . **7.5° Initially, then As Required**
   (use flight director GA mode)
4. Flaps . . . . . **15°**
5. Landing Gear (positive climb) . . . . . **Up**
   The landing gear warning horn cannot be silenced if the landing gear is retracted prior to the flaps reaching the 15° position.
6. Flaps . . . . . **As Required**
   (for flaps 0° - V_{APP}+10 knots)
7. Airspeed . . . . . **As Required**
8. Throttles . . . . . **As Required**
9. Yaw Damper . . . . . **As Desired**
10. Autopilot . . . . . **As Desired**

After Landing

1. Flaps . . . . . **0°**
2. PITOT STATIC HEAT Switches . . . . . **OFF**
3. WING/ENG ICE PROTECTION Switches . . . . . **ENG ONLY**
   As Required
4. Other Ice Protection Switches and Knobs . . . . . **Off**
5. DEFOG Button . . . . . **As Required**
6. Exterior Lights . . . . . **As Required**