

GULFSTREAM 200

AIRPLANE FLIGHT MANUAL

LANDING DISTANCE FACTORED BY 100/60
 DRY AND WET RUNWAY
 FLAPS 40° GEAR - DOWN
 ANTI-SKID AND GROUND A/B - ON AND OFF

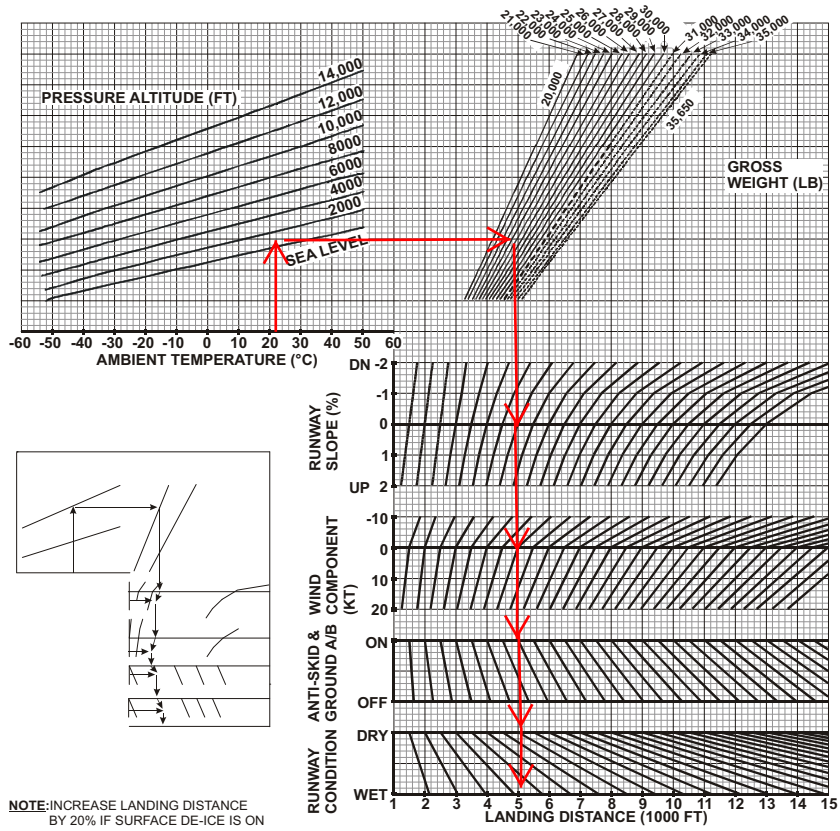


Figure 7-274. Landing Distance Factored by 100/60

CAAI APPROVED
 7 Jan 2010

BACK
TOC Local
TOC Main

GULFSTREAM 200

AIRPLANE FLIGHT MANUAL

Section VII Performance

**FIGURE 7-248. UNFACTORED LANDING DISTANCE FROM 50 FT;
FLAPS 40° PART B; 2000 FT**

G.W. (LB)	OAT (°C)	0	5	10	15	20	25	30	35	40	45	46
	OAT (°F)	32	41	50	59	68	77	86	95	104	113	114
	MLW (LB)	30000	30000	30000	30000	30000	30000	30000	30000	30000	30000	30000
35,450	LFL	3814	3871	3926	3982	4039	4093	4150	4206			
	Vapp	162	162	162	162	162	162	162	162			
	Vref	152	152	152	152	152	152	152	152			
35,000	LFL	3775	3831	3886	3941	3997	4052	4106	4162			
	Vapp	160	160	160	160	160	160	160	160			
	Vref	151	151	151	151	151	151	151	151			
34,000	LFL	3688	3743	3796	3850	3904	3957	4011	4065	4118		
	Vapp	158	158	158	158	158	158	158	158	158		
	Vref	149	149	149	149	149	149	149	149	149		
33,000	LFL	3601	3653	3706	3759	3810	3863	3916	3967	4019	4072	
	Vapp	155	155	155	155	155	155	155	155	155	155	
	Vref	147	147	147	147	147	147	147	147	147	147	
32,000	LFL	3513	3565	3615	3666	3718	3767	3819	3870	3921	3970	3981
	Vapp	152	152	152	152	152	152	152	152	152	152	152
	Vref	145	145	145	145	145	145	145	145	145	145	145
31,000	LFL	3426	3474	3525	3574	3623	3673	3723	3771	3821	3870	3880
	Vapp	149	149	149	149	149	149	149	149	149	149	149
	Vref	142	142	142	142	142	142	142	142	142	142	142
MLW 30,000	LFL	3337	3385	3434	3481	3530	3578	3626	3673	3721	3768	3778
	Vapp	147	147	147	147	147	147	147	147	147	147	147
	Vref	140	140	140	140	140	140	140	140	140	140	140
29,000	LFL	3249	3296	3342	3389	3436	3481	3528	3575	3620	3667	3677
	Vapp	144	144	144	144	144	144	144	144	144	144	144
	Vref	138	138	138	138	138	138	138	138	138	138	138
28,000	LFL	3160	3205	3250	3296	3340	3386	3431	3475	3521	3566	3575
	Vapp	141	141	141	141	141	141	141	141	141	141	141
	Vref	135	135	135	135	135	135	135	135	135	135	135
27,000	LFL	3070	3115	3159	3202	3246	3290	3332	3376	3420	3462	3471
	Vapp	138	138	138	138	138	138	138	138	138	138	138
	Vref	133	133	133	133	133	133	133	133	133	133	133
26,000	LFL	2981	3022	3065	3108	3151	3192	3235	3277	3318	3360	3369
	Vapp	135	135	135	135	135	135	135	135	135	135	135
	Vref	130	130	130	130	130	130	130	130	130	130	130
25,000	LFL	2890	2932	2973	3014	3054	3095	3136	3176	3217	3258	3268
	Vapp	132	132	132	132	132	132	132	132	132	132	132
	Vref	128	128	128	128	128	128	128	128	128	128	128
24,000	LFL	2800	2840	2880	2918	2958	2998	3036	3076	3115	3154	3163
	Vapp	130	130	130	130	130	130	130	130	130	130	130
	Vref	125	125	125	125	125	125	125	125	125	125	125
23,000	LFL	2710	2747	2785	2824	2862	2899	2937	2975	3013	3050	3058
	Vapp	127	127	127	127	127	127	127	127	127	127	127
	Vref	123	123	123	123	123	123	123	123	123	123	123
22,000	LFL	2618	2655	2692	2728	2764	2801	2837	2874	2909	2946	2953
	Vapp	124	124	124	124	124	124	124	124	124	124	124
	Vref	120	120	120	120	120	120	120	120	120	120	120
21,000	LFL	2526	2562	2597	2631	2667	2702	2737	2771	2806	2841	2848
	Vapp	121	121	121	121	121	121	121	121	121	121	121
	Vref	117	117	117	117	117	117	117	117	117	117	117
20,000	LFL	2434	2468	2501	2535	2569	2602	2635	2668	2702	2735	2742
	Vapp	118	118	118	118	118	118	118	118	118	118	118
	Vref	114	114	114	114	114	114	114	114	114	114	114

Note: Increase landing distance by 20% and V_{APP} & V_{REF} by 10% if surface de-ice or anti-ice are activated.