

— TAKE-OFF DISTANCE ————— FLAPS RETRACTED HARD SURFACE RUNWAY										
GROSS WT. LBS.	IAS 50 FT. MPH	HEAD WIND KNOTS	AT SEA LEVEL & 59° F.		AT 2500 FT. & 50° F.		AT 5000 FT. & 41° F.		AT 7500 FT. & 32° F.	
			GROUND RUN	TOTAL TO CLEAR 50 FT. OBS	GROUND RUN	TOTAL TO CLEAR 50 FT. OBS	GROUND RUN	TOTAL TO CLEAR 50 FT. OBS	GROUND RUN	TOTAL TO CLEAR 50 FT. OBS
1600	64	0	735	1385	910	1660	1115	1985	1360	2440
		10	500	1035	630	1250	780	1510	970	1875
		20	305	730	395	890	505	1090	640	1375
NOTES: 1. Increase the distances 10% for each 35° F. increase in temperature above standard for the particular altitude. 2. For operation on a dry, grass runway, increase distances (both "ground run" and "total to clear 50 ft. obstacle") by 7% of the "total to clear 50 ft. obstacle" figure.										

— MAXIMUM RATE-OF-CLIMB DATA —									
GROSS WEIGHT LBS.	AT SEA LEVEL & 59° F.			AT 5000 FT. & 41° F.			AT 10000 FT. & 23° F.		
	IAS, MPH	RATE OF CLIMB FT. /MIN.	FUEL USED, GAL.	IAS, MPH	RATE OF CLIMB FT. /MIN.	FUEL USED FROM S.L., GAL.	IAS, MPH	RATE OF CLIMB FT. /MIN.	FUEL USED FROM S.L., GAL.
1600	73	670	0.6	69	440	1.6	65	220	3.0
NOTES: 1. Flaps retracted, full throttle, mixture leaned to smooth operation above 5000 ft. 2. Fuel used includes warm-up and take-off allowances. 3. For hot weather, decrease rate of climb 15 ft. /min. for each 10° F above standard day temperature for particular altitude.									

— LANDING DISTANCE — FLAPS LOWERED TO 40° - POWER OFF HARD SURFACE RUNWAY - ZERO WIND									
GROSS WEIGHT LBS.	APPROACH SPEED, IAS, MPH	AT SEA LEVEL & 59° F.		AT 2500 FT. & 50° F.		AT 5000 FT. & 41° F.		AT 7500 FT. & 32° F.	
		GROUND ROLL	TOTAL TO CLEAR 50 FT. OBS	GROUND ROLL	TOTAL TO CLEAR 50 FT. OBS	GROUND ROLL	TOTAL TO CLEAR 50 FT. OBS	GROUND ROLL	TOTAL TO CLEAR 50 FT. OBS
1600	58	445	1075	470	1135	495	1195	520	1255
NOTES: 1. Decrease the distances shown by 10% for each 4 knots of headwind. 2. Increase the distance by 10% for each 60° F. temperature increase above standard. 3. For operation on a dry, grassy runway, increase distances (both "ground roll" and "total to clear 50 ft. obstacle") by 20% of the "total to clear 50 ft. obstacle" figure.									

Figure 5-3.