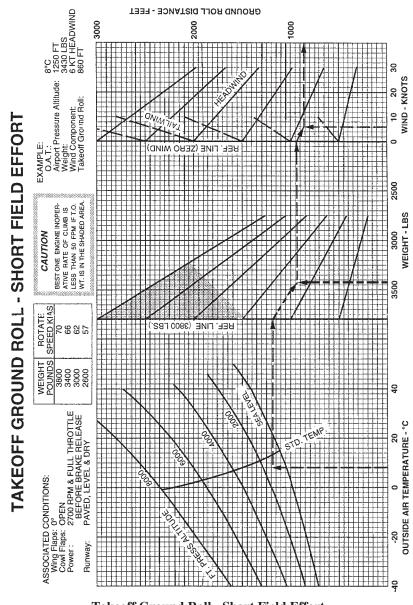
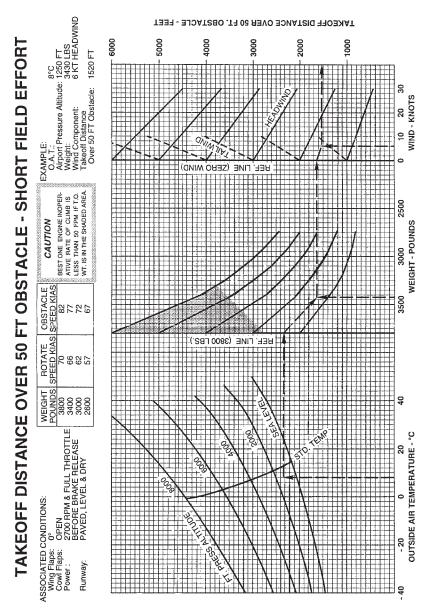


Accelerate And Stop Distance - Short Field Effort Figure 5-11

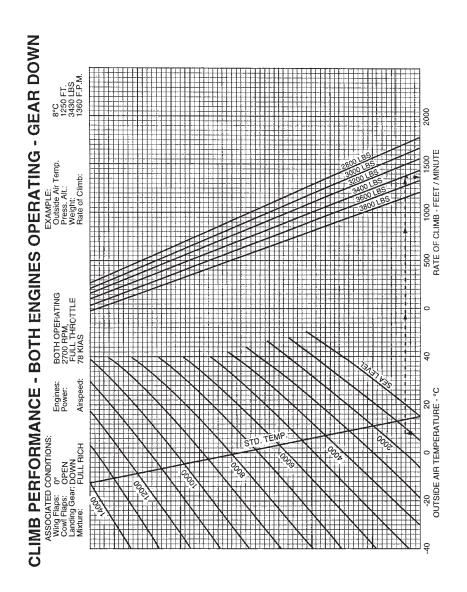
REPORT: VB-2636 ISSUED: November 3, 2016



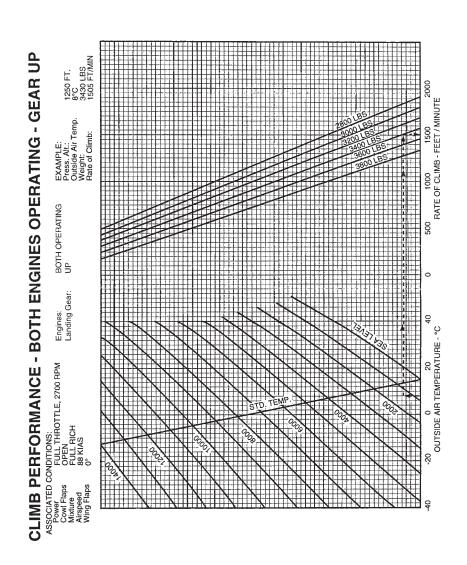
**Takeoff Ground Roll - Short Field Effort**Figure 5-13



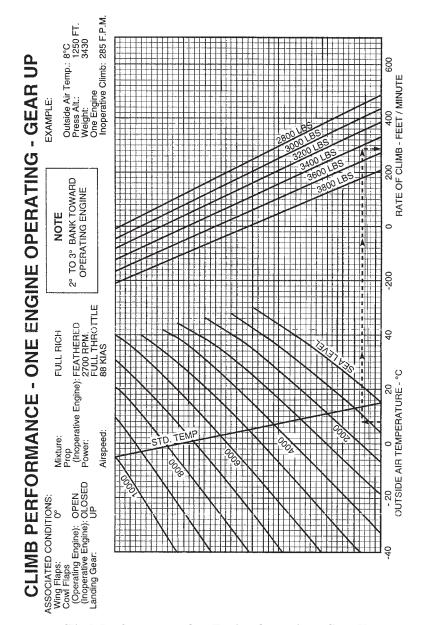
**Takeoff Distance Over 50 Ft. Obstacle - Short Field Effort**Figure 5-15



**Climb Performance - Both Engines Operating - Gear Down**Figure 5-17

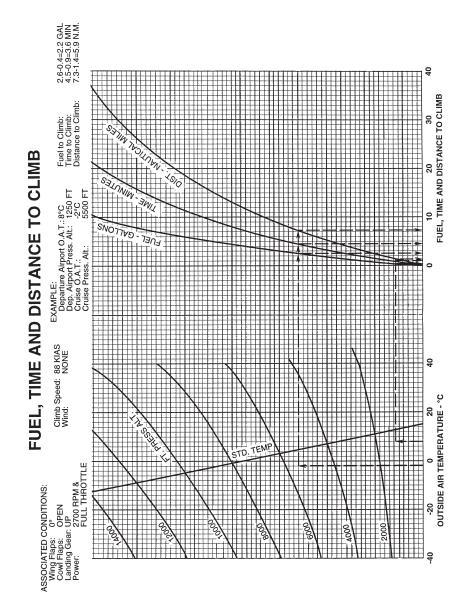


**Climb Performance - Both Engines Operating - Gear Up**Figure 5-19



Climb Performance - One Engine Operating - Gear Up Figure 5-21

REPORT: VB-2636 ISSUED: November 3, 2016



**Fuel, Time And Distance To Climb** Figure 5-23

## FUEL AND POWER SETTING TABLE

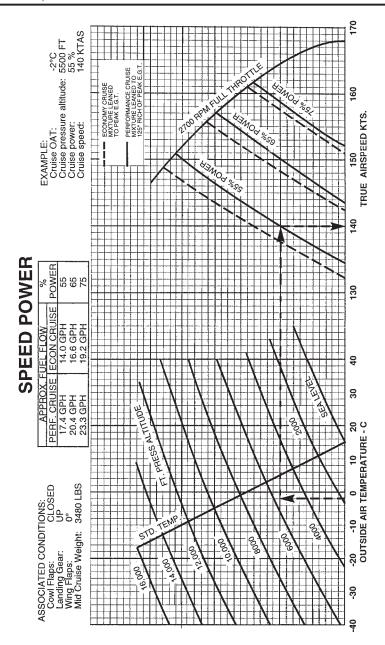
Press. Alt. Feet	SL 1000 2000 3000	4000 5000 6000 7000	8000 9000 10,000 11,000	12,000 13,000 14,000
135 BHP–75% Rated Power Approx. Fuel Flow 11.7 G.P.H.* RPM AND MAN. PRESS. 2200 2300 2400 2500	24.6 24.3 24.0 23.7	23.5 23.2 22.9 FT		
	25.2 24.9 24.6 24.4	24.1 23.8 FT		
	26.0 25.6 25.3 25.0	24.7 FT —		
	26.7 26.3 25.9 25.6	臣		
117 BHP–65% Rated Power Approx. Fuel Flow 10.2 G.P.H.* RPM AND MAN. PRESS. 2100 2200 2300 2400	22.9 22.6 22.3 22.0	21.8 21.5 21.3 21.0	20.8 20.6 FT	
	23.5 23.2 22.9 22.6	22.3 22.0 21.7 21.5	21.2 FT	
	24.2 23.8 23.5 23.2	22.8 22.5 22.2 21.9	臣	
	24.9 24.6 24.2 23.9	23.5 23.2 22.9 FT	1-1-1	
99 BHP– 55% Rated Power Approx. Fuel Flow 8.7 G.P.H.* RPM AND MAN. PRESS. 210 2200 2300 2400	20.6 20.3 20.0 19.8	19.5 19.2 19.0 18.7	18.5 18.2 18.0 17.8	17.6 17.4 FT
	21.1 20.8 20.5 20.2	20.0 19.7 19.4 19.2	18.9 18.7 18.4 18.2	18.0 FT
	21.7 21.3 21.0 20.7	20.5 20.2 19.9 19.7	19.4 19.1 18.9 18.7	18.4 FT
	22.3 22.0 21.7 21.3	21.1 20.8 20.5 20.2	20.0 19.7 19.5 19.2	日
Std. Alt. Temp. °C	15 13 11 9	2 5 1	- t. t.	-9 -11 -13
Press. Alt. Feet	SL 1000 2000 3000	4000 5000 6000 7000	8000 9000 10,000 11,000	12,000 13,000 14,000

NOTE: To maintain constant power, add approximately 1% Manifold Pressure for each 8°C above standard. Subtract approximately 1% for each 8°C below standard.

\*PERFORMANCE CRUISE POWER

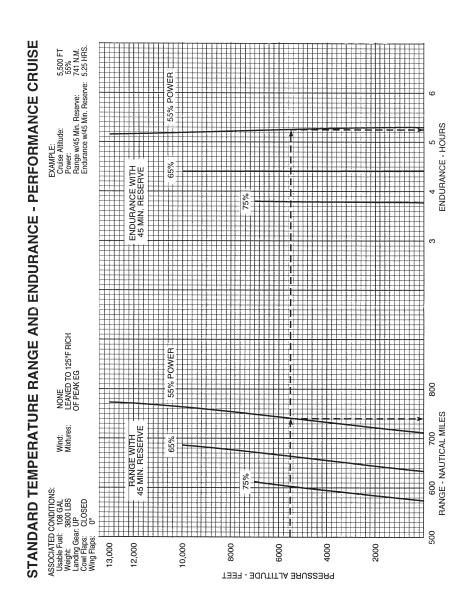
**Fuel & Power Setting Table** Figure 5-25

ISSUED: November 3, 2016 REPORT: VB-2636 5-26 **REVISED: April 2, 2020** 

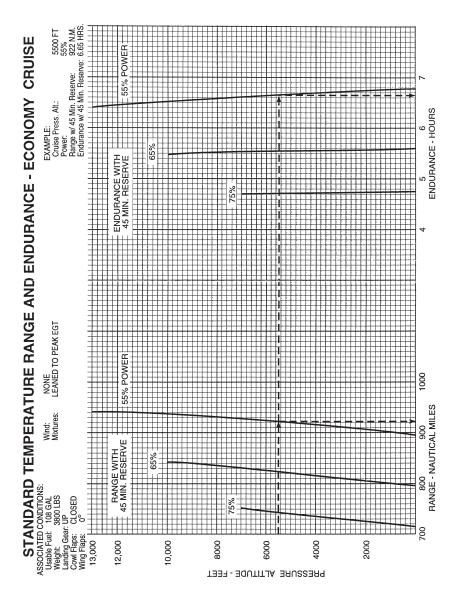


**Speed Power** Figure 5-27

5-27

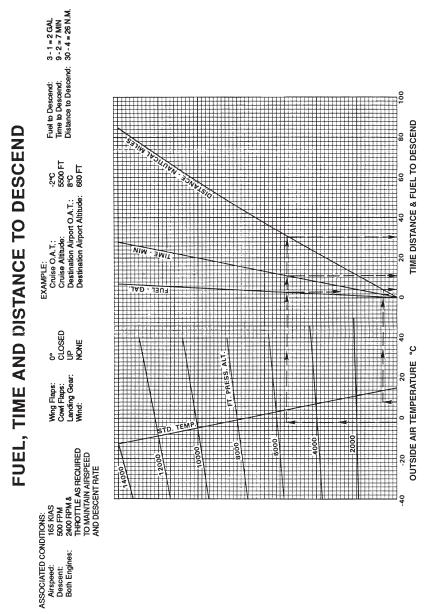


**Standard Temperature Range And Endurance - Performance Cruise**Figure 5-29



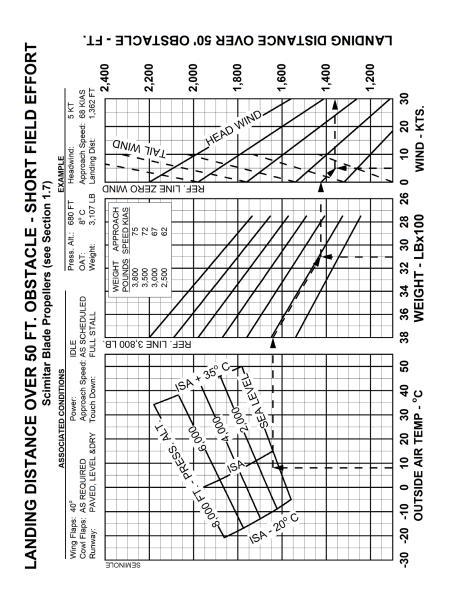
**Standard Temperature Range And Endurance - Economy Cruise**Figure 5-31

REPORT: VB-2636 ISSUED: November 3, 2016 5-30 REVISED: April 2, 2020



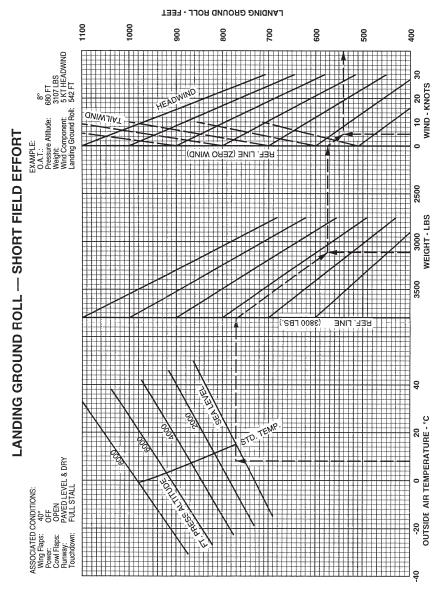
**Fuel, Time And Distance To Descend** Figure 5-33

ISSUED: November 3, 2016 REPORT: VB-2636 REVISED: April 2, 2020 5-31



Landing Distance Over 50 Ft. Obstacle - Short Field Effort Figure 5-35a

ISSUED: November 3, 2016 REPORT: VB-2636 REVISED: April 2, 2020 5-33



**Landing Ground Roll - Short Field Effort**Figure 5-37

REPORT: VB-2636 ISSUED: November 3, 2016

5-34