

PA-28-181

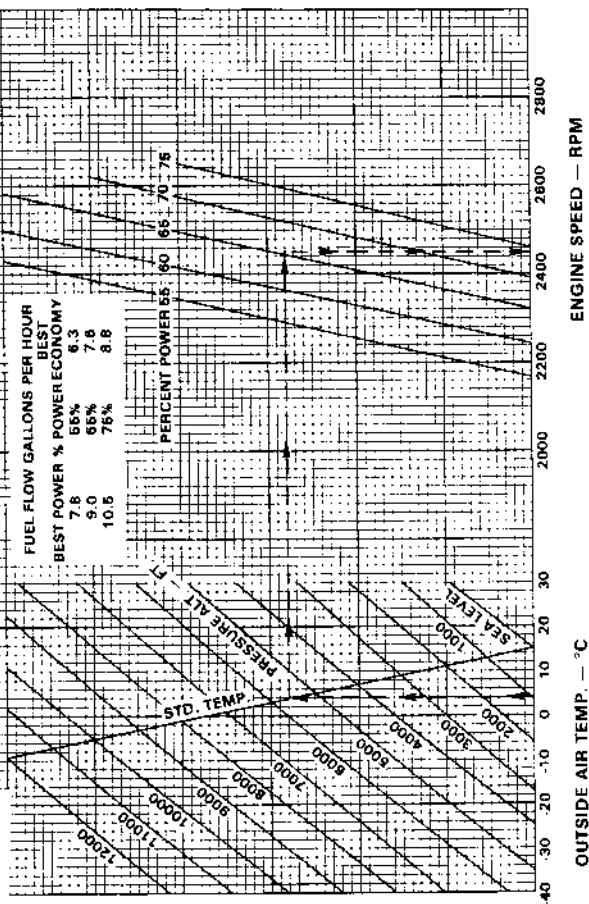
ENGINE PERFORMANCE

BEST POWER MIXTURE
(MIXTURE LEANED TO 100" F RICH OF PEAK EGT)

FUEL FLOW GALLONS PER HOUR	
BEST	
BEST POWER MIXTURE	
(MIXTURE LEANED TO 100" F RICH OF PEAK EGT)	
BEST	7.8
55%	6.3
65%	7.6
75%	9.0
8.8	10.5

PERCENT POWER 55 60 65 70 75

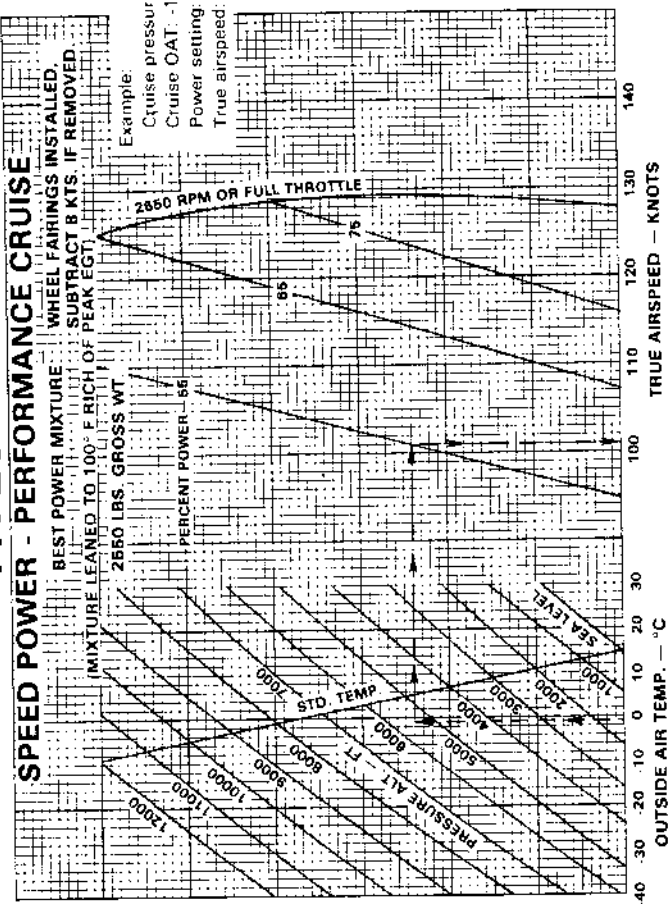
Example:
Cruise pressure altitude: 5500 ft.
Cruise OAT: 4°C
Percent power: 65%
Engine RPM: 2450 RPM



ENGINE PERFORMANCE

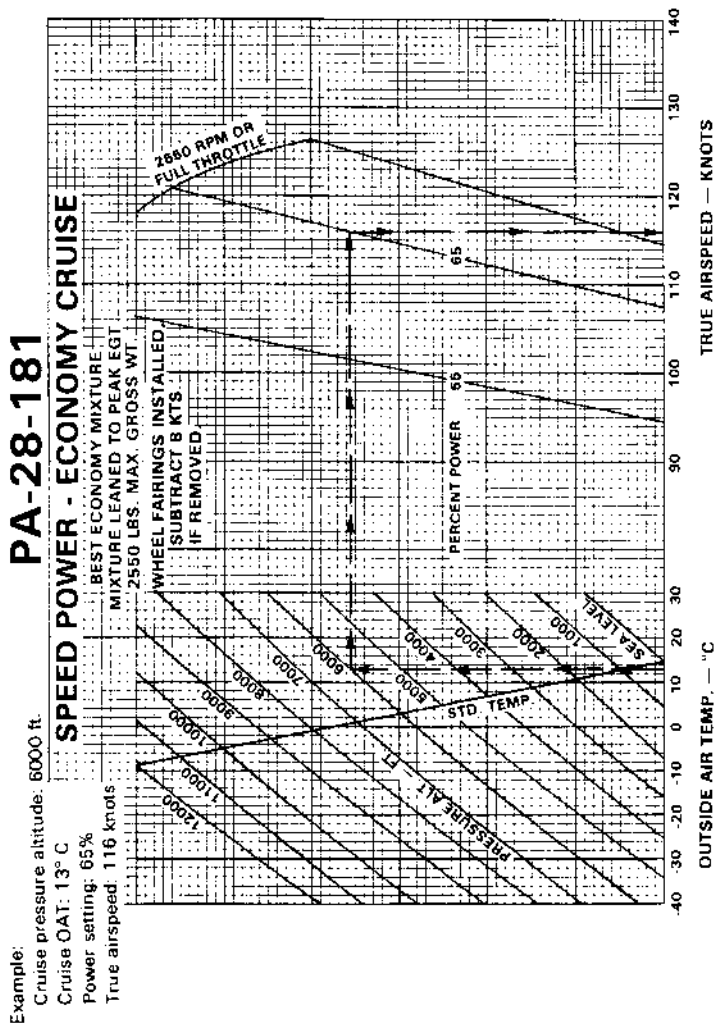
Figure 5-19

PA-28-181



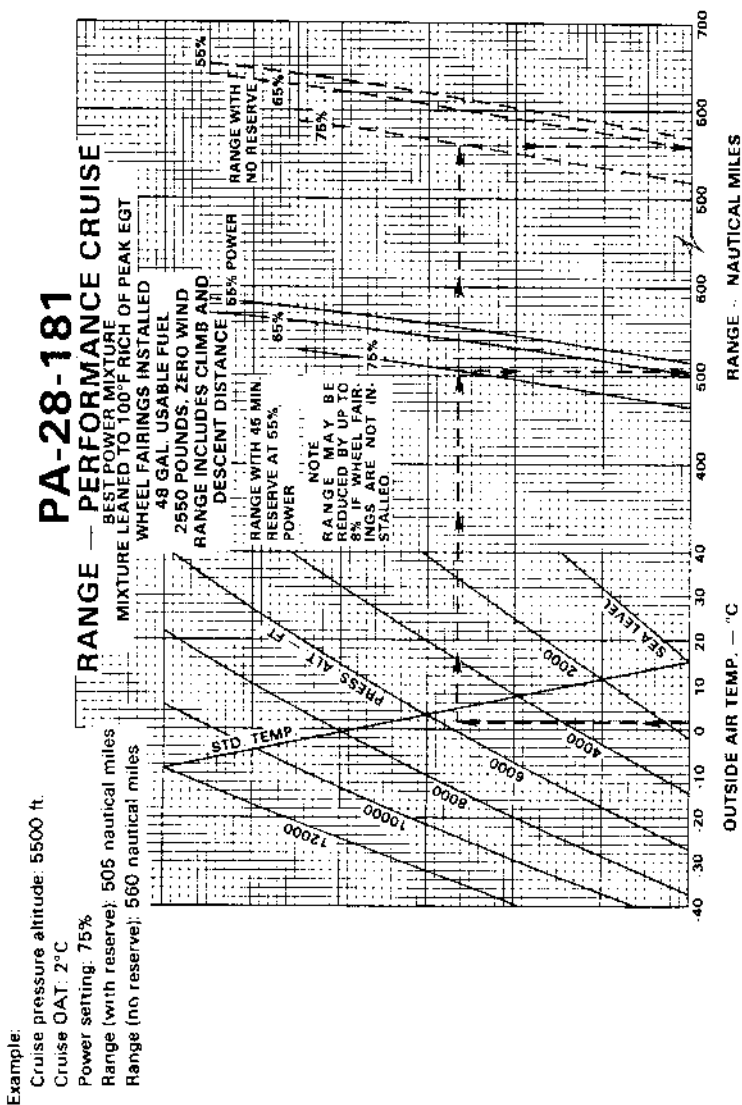
SPEED POWER - PERFORMANCE CRUISE

Figure 5-21



SPEED POWER - ECONOMY CRUISE

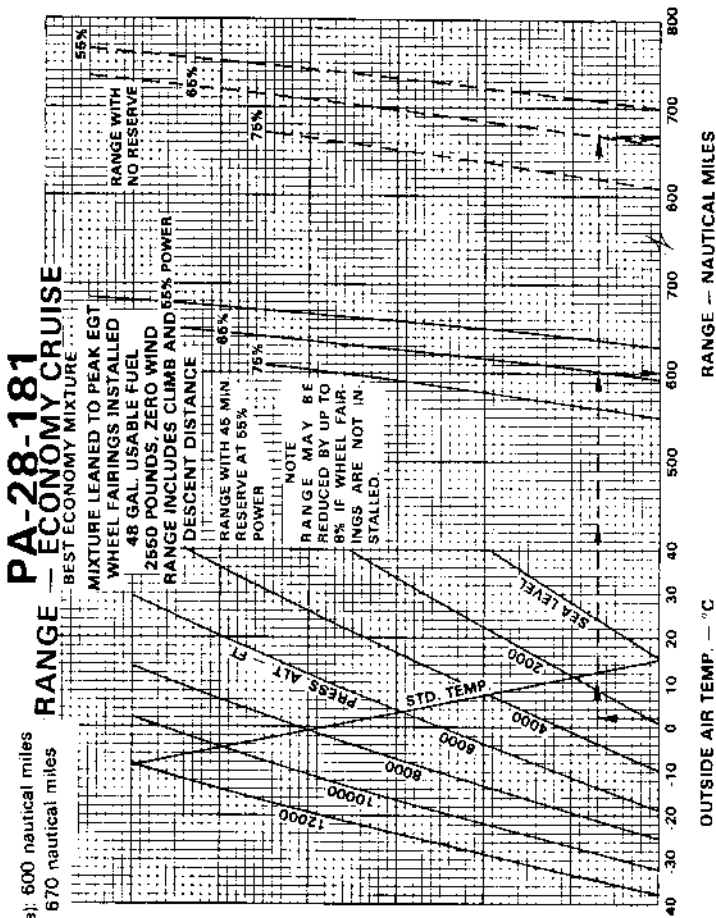
Figure 5-23



BEST POWER MIXTURE RANGE

Figure 5-25

Example:
Cruise pressura altitude: 3000 ft.
Cruise OAT: 2°C
Power setting: 65%
Range (with reserve): 600 nautical miles
Range (no reserve): 670 nautical miles



BEST ECONOMY MIXTURE RANGE

Figure 5-27

