

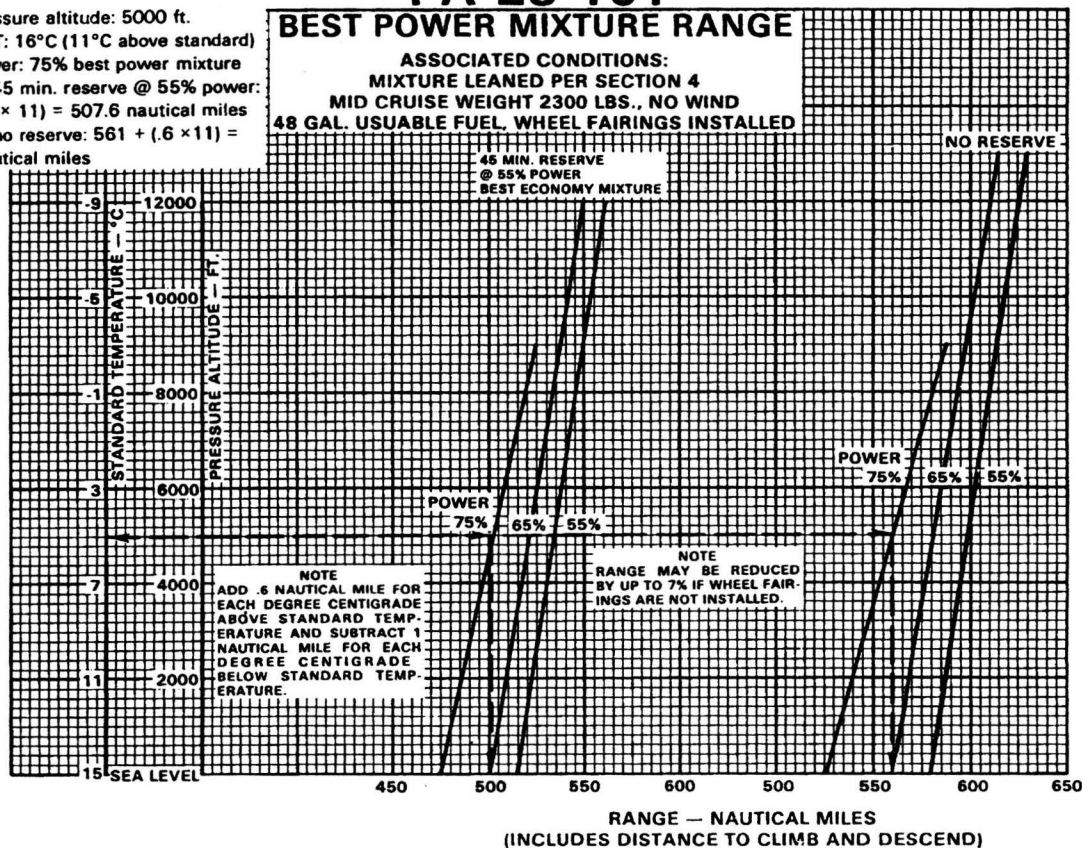
PA-28-161

BEST POWER MIXTURE RANGE

ASSOCIATED CONDITIONS:
MIXTURE LEANED PER SECTION 4
MID CRUISE WEIGHT 2300 LBS., NO WIND
48 GAL. USABLE FUEL, WHEEL FAIRINGS INSTALLED

Example:

Cruise pressure altitude: 5000 ft.
Cruise OAT: 16°C (11°C above standard)
Cruise power: 75% best power mixture
Range w/45 min. reserve @ 55% power:
 $501 + (.6 \times 11) = 507.6$ nautical miles
Range w/no reserve: $561 + (.6 \times 11) = 567.6$ nautical miles



BEST POWER MIXTURE RANGE

Figure 5-25