

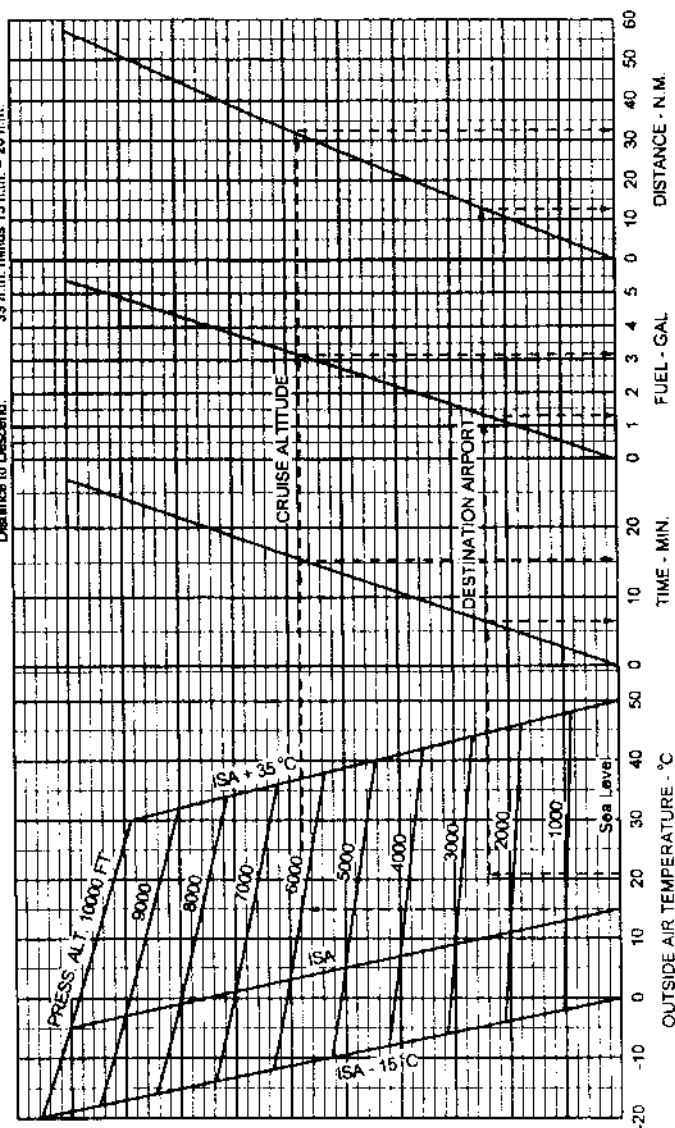
TIME, FUEL, DISTANCE TO DESCEND

ASSOCIATED CONDITIONS

Gross Weight: 2550 LB
Engine RPM: 2500
Airspeed: 122 KIAS
Flaps: UP

EXAMPLE

Depart Airport Press Alt: 2500 FT. Temperature: 21 °C
Cruise Press Alt.: 6000 FT. Cruise OAT: 15 °C
Time to Descend: 16 min. minus 6 min. = 10 min
Fuel to Descend: 3.2 gal. minus 1.3 gal. = 1.9 gal
Distance to Descend: 33 n.m. minus 13 n.m. = 20 n.m.

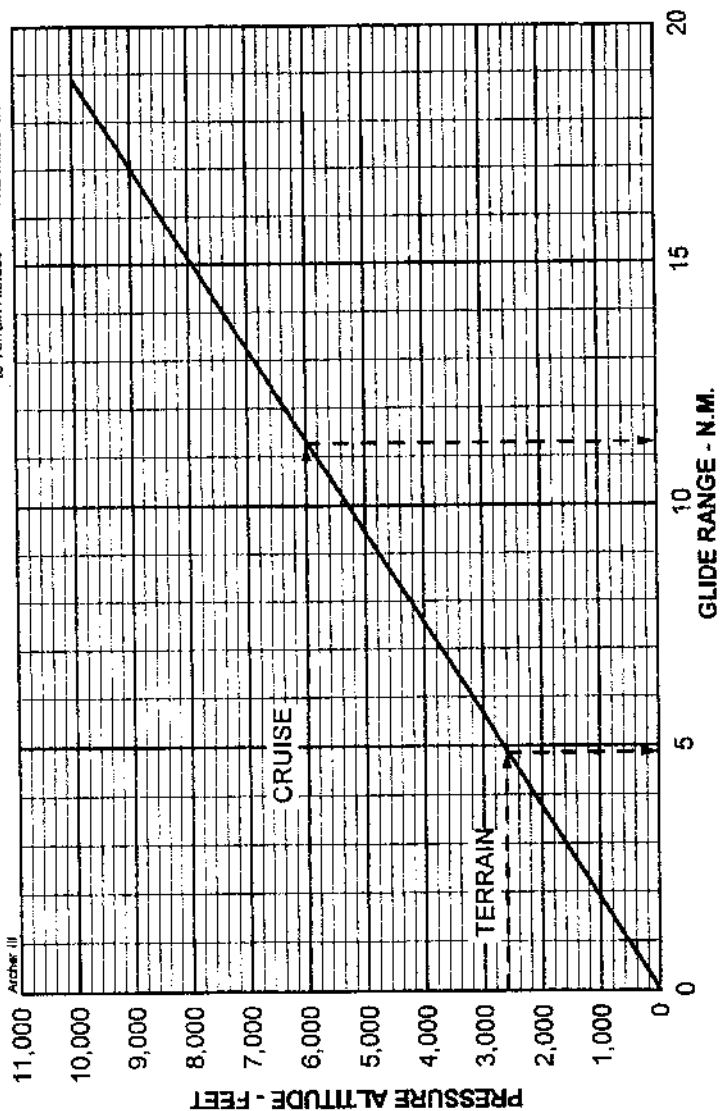


TIME, DISTANCE AND FUEL TO DESCEND

Figure 5-31

EXAMPLE:
 Glide Distance from 6,000 ft Cruise Alt. 11.2 nm
 Glide Distance from 2,600 ft Terrain above sea level 4.8 nm
 Glide Distance from Cruise Altitude to Terrain Altitude 11.2 minus 4.8 = 6.4 nm

GLIDE RANGE
 POWER OFF, FLAP UP, 76 KIAS
 2,250 LB GROSS WT., NO WIND



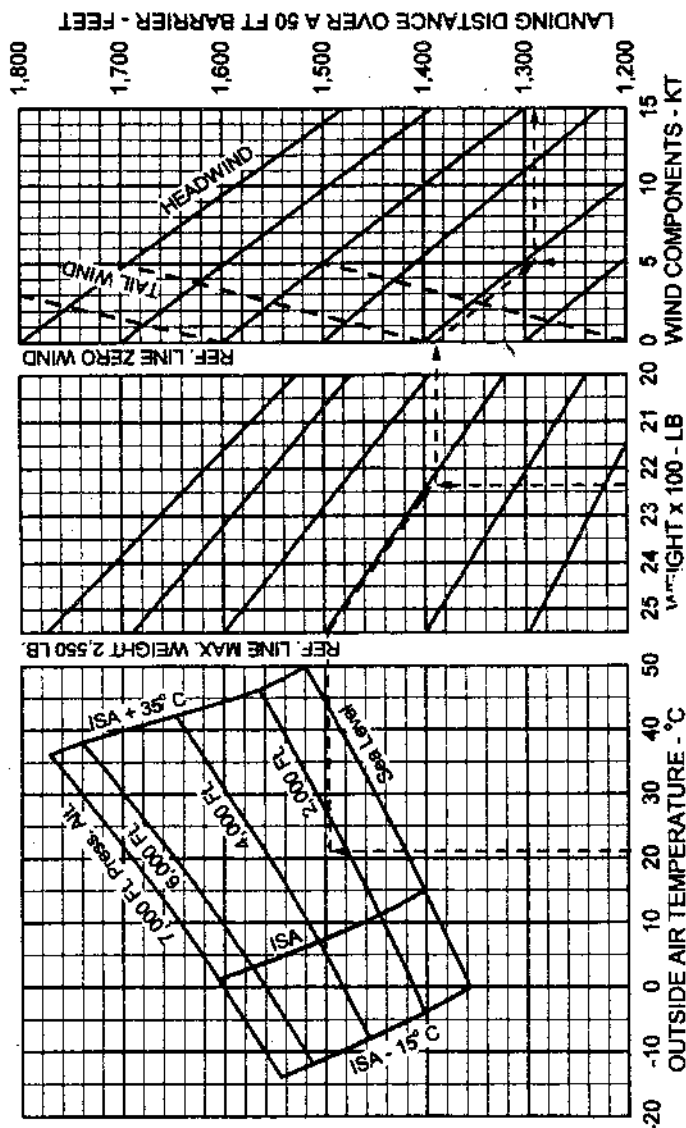
GLIDE RANGE

Figure 5-33

LANDING PERFORMANCE
ASSOCIATED CONDITIONS

Power Off Approach, 40° Flaps, 66 KIAS, Full Stall
Touchdown, Maximum Braking, Paved, Level, Dry Runway

EXAMPLE:
Airport Pressure Altitude: 2,500 FT.
O.A.T.: 21°C
Gross Weight: 2,240 LB.
Headwind: 5 KT.
Landing Distance: 1,280 FT.



LANDING PERFORMANCE

Figure 5-35

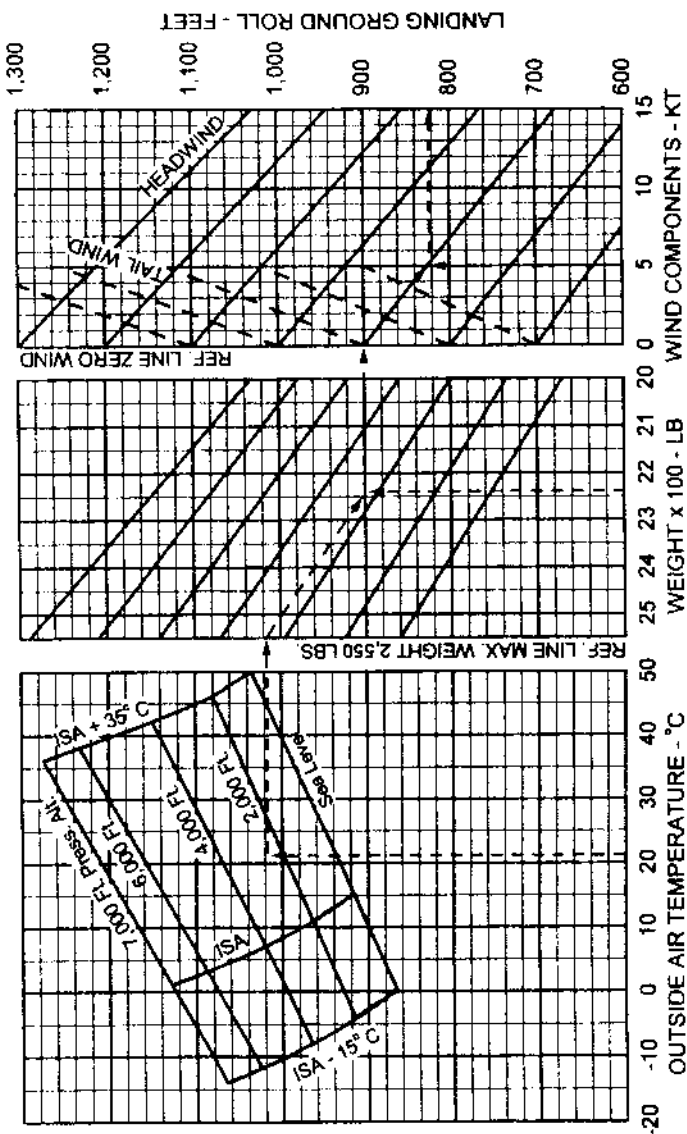
LANDING GROUND ROLL

ASSOCIATED CONDITIONS

Power Off Approach, 40° Flaps, Full Stall Touchdown
Maximum Braking, Paved, Level, Dry Runway

EXAMPLE:

Airport Pressure Altitude 2 500 Ft.
O.A.T. 21°C
Gross Weight 2 240 Lb
Headwind 5 Kt
Landing Ground Roll 820 Ft.



LANDING GROUND ROLL

Figure 5-37