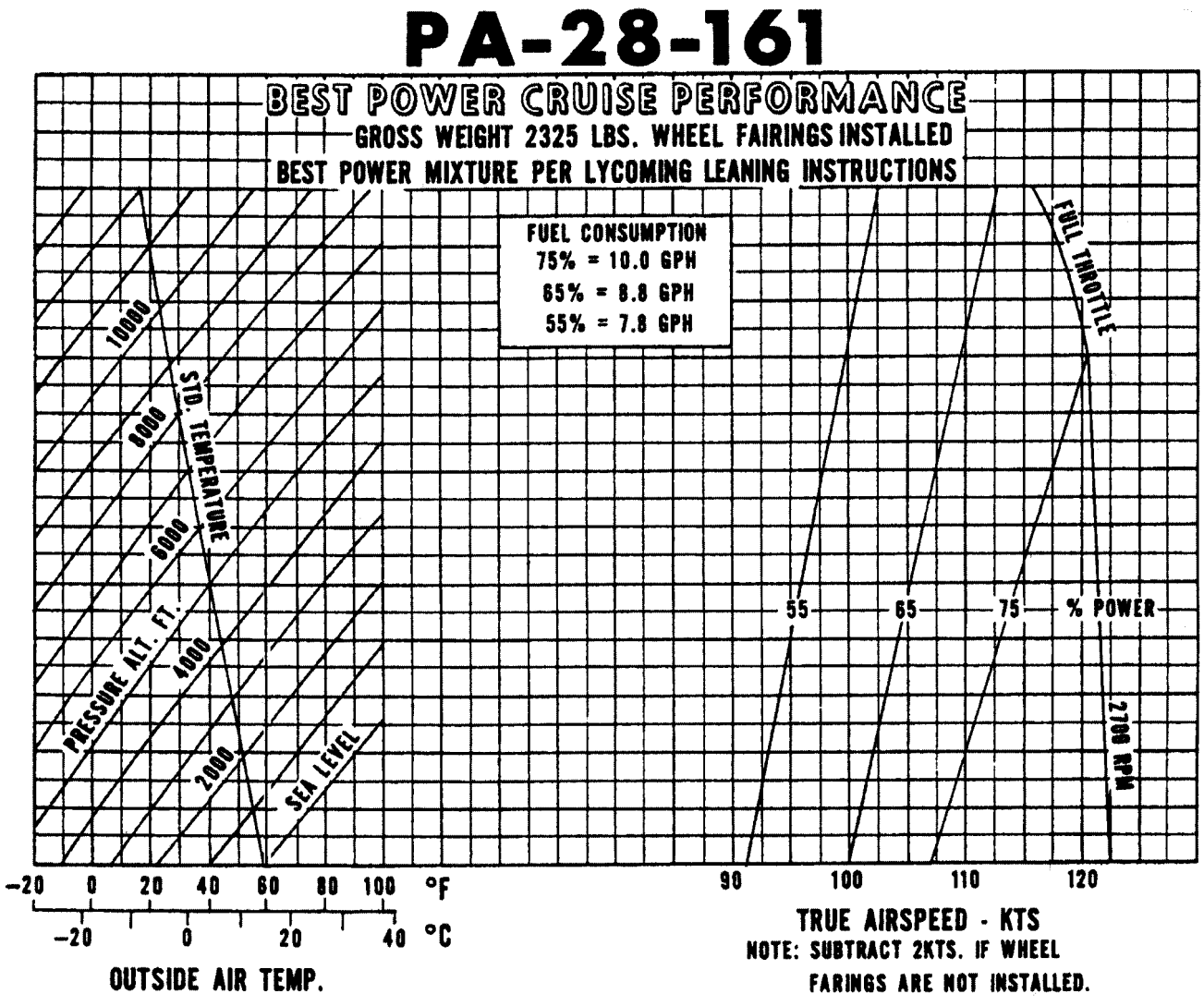
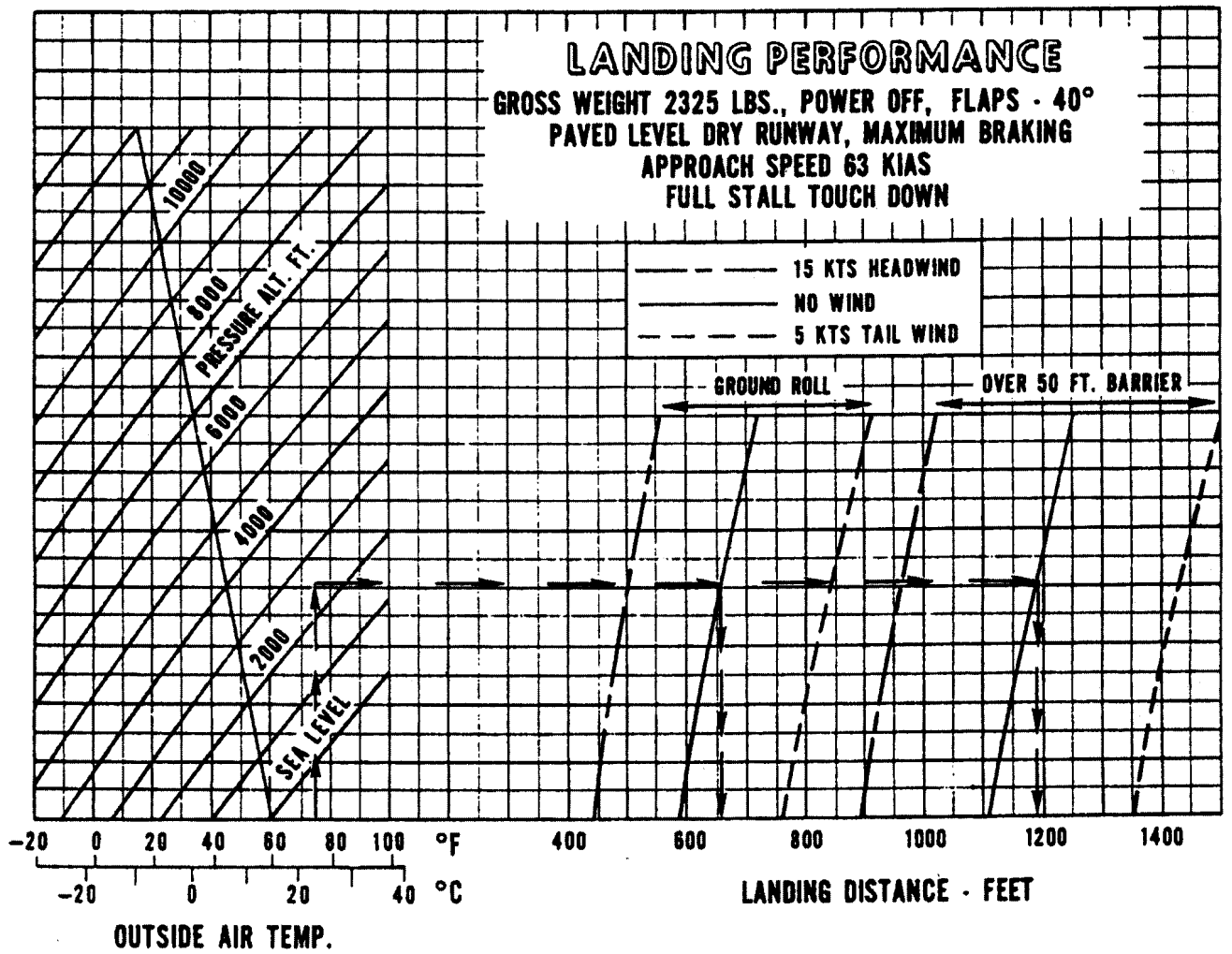


Example:
Cruise pressure altitude: 5000 ft.
Cruise OAT: 60°F
Cruise power: 75% best power mixture
Cruise speed: 116.5 KTS TAS

BEST POWER CRUISE PERFORMANCE (SERIAL NOS. 28-7716001 THROUGH 7716323)

Figure 5-15

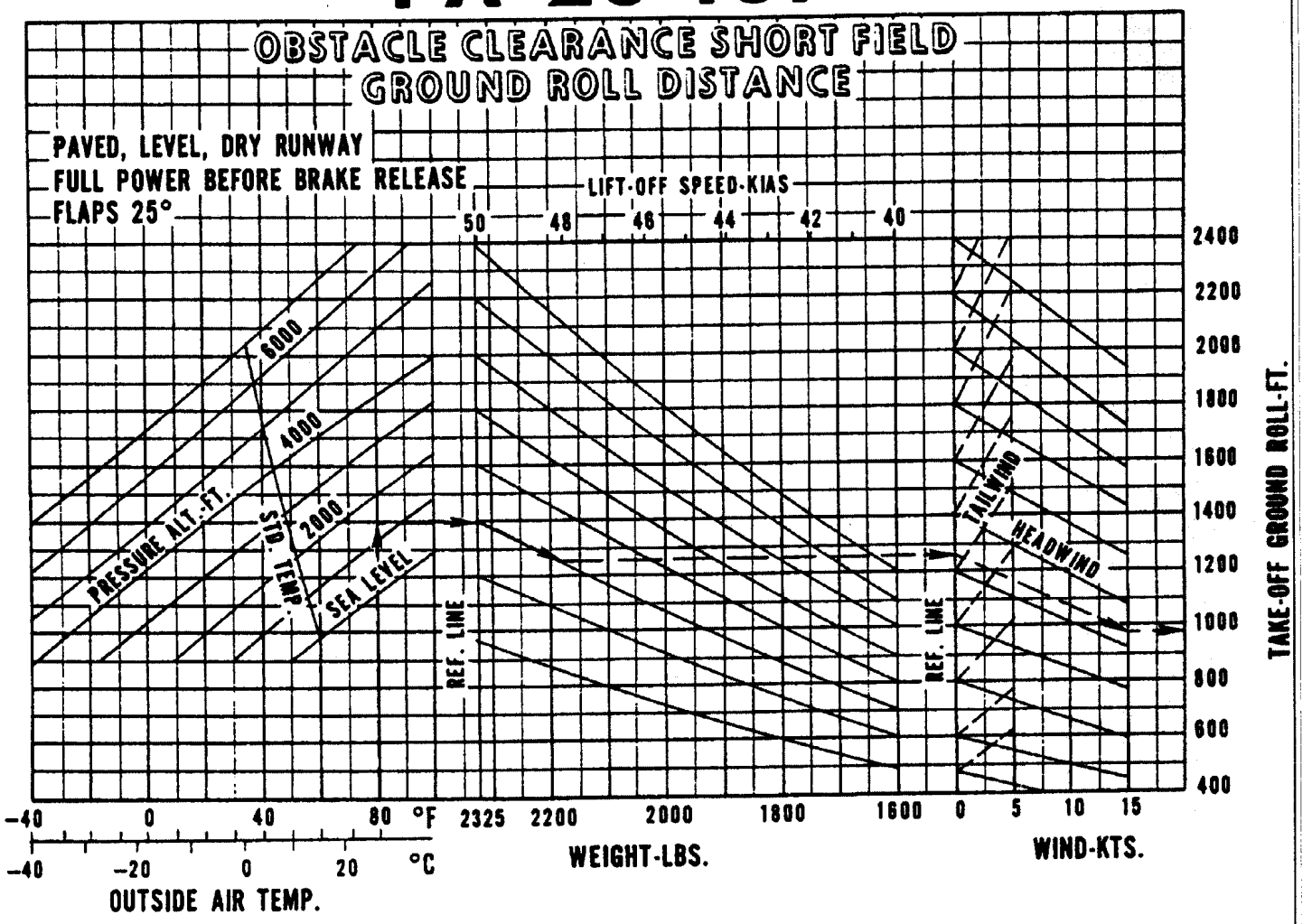
PA-28-161



Example:
Destination airport pressure altitude: 2500 ft.
Destination airport temperature: 75°F
Destination airport wind: 0 KTS
Ground roll: 660 ft.
Distance over 50 ft. barrier: 1190 ft.

LANDING PERFORMANCE
Figure 5-29

PA-28-161



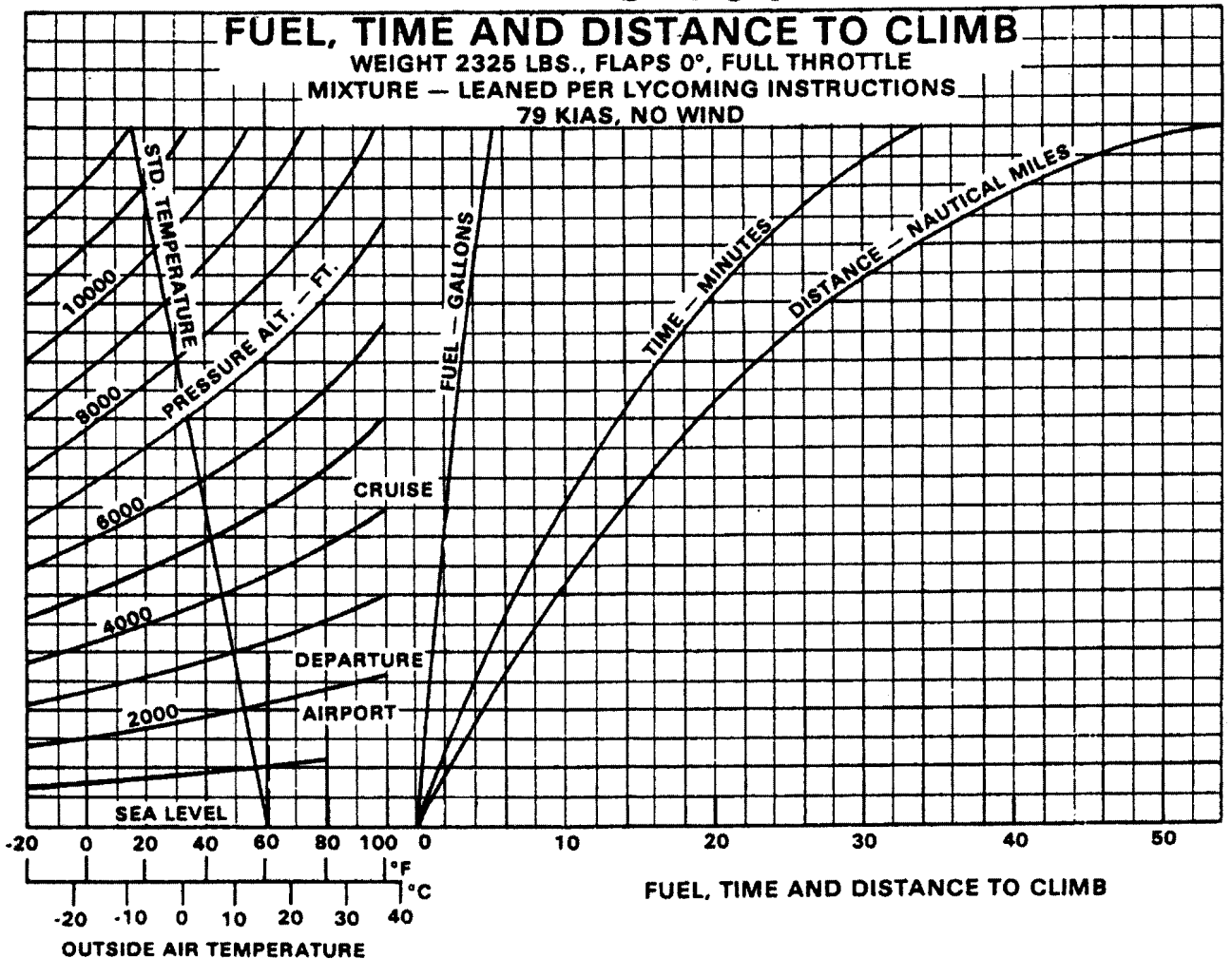
Example:

Departure airport pressure altitude: 1500 ft.
Departure airport temperature: 80°F
Weight: 2175 lbs.
Wind: 15 KTS headwind
Ground roll: 975 ft.
Lift-off speed: 48 KIAS

OBSTACLE CLEARANCE SHORT FIELD GROUND ROLL DISTANCE

Figure 5-7

PA-28-161

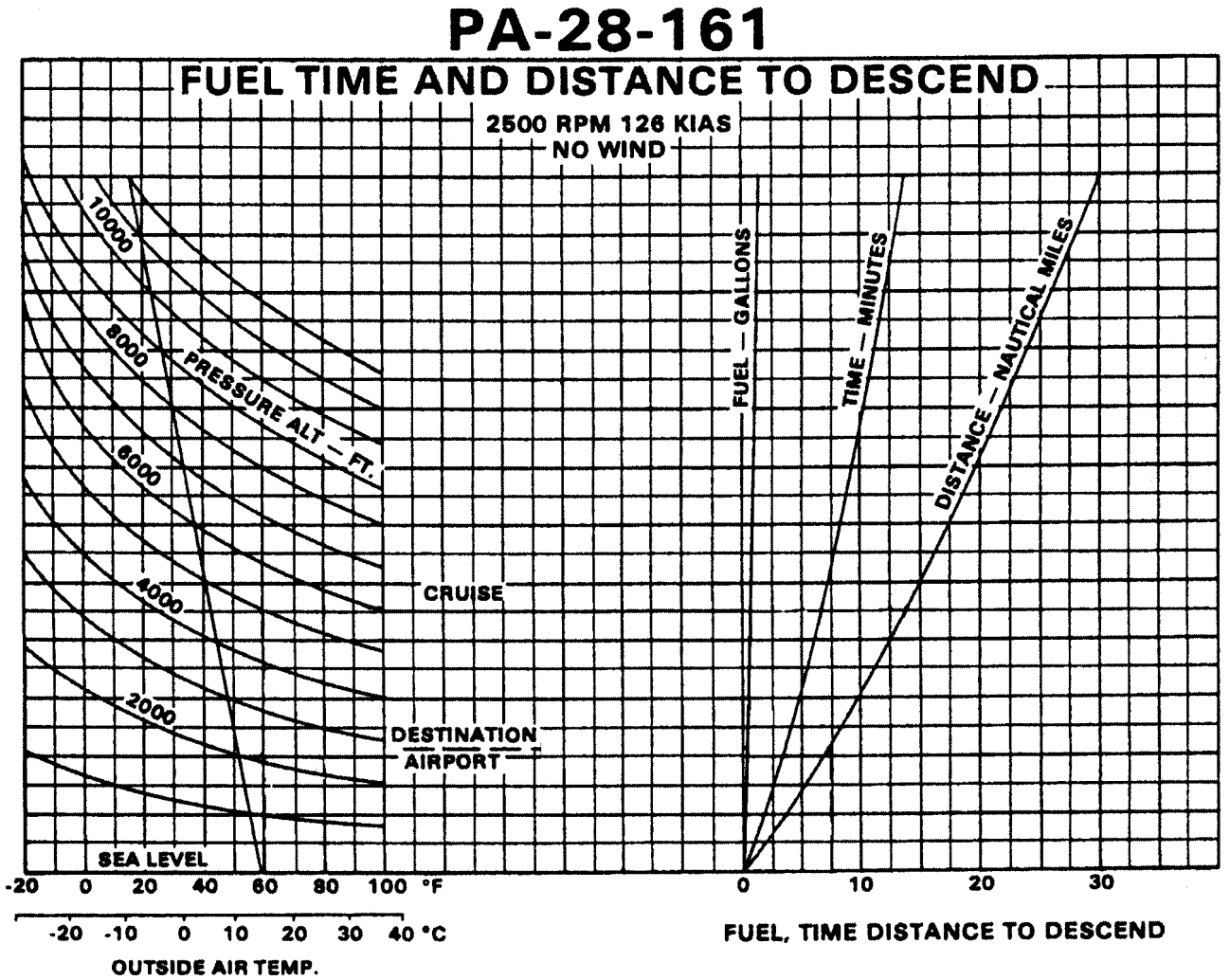


Example:

Departure airport pressure altitude: 1500 ft.
Departure airport temperature: 80°F (27°C)
Cruise pressure altitude: 5000 ft.
Cruise OAT: 60°F (16°C)
Time to climb (10 min. minus 2.5 min.): 7.5 min.
Distance to climb (13.5 miles minus 3.5 miles): 10 nautical miles
Fuel to climb (2 gal. minus .5 gal.): 1.5 gal.

FUEL, TIME AND DISTANCE TO CLIMB

Figure 5-13



Example:
Destination airport pressure altitude: 2500 ft.
Destination airport temperature: 75°F (24°C)
Cruise pressure altitude: 5000 ft.
Cruise OAT: 60°F (16°C)
Time to descend (6.5 min. minus 3.5 min.): 3 min.
Distance to descend (14 miles minus 7.5 miles): 6.5 nautical miles
Fuel to descend: (1 gal. minus .5 gal.): .5 gal.

FUEL, TIME AND DISTANCE TO DESCEND

Figure 5-25