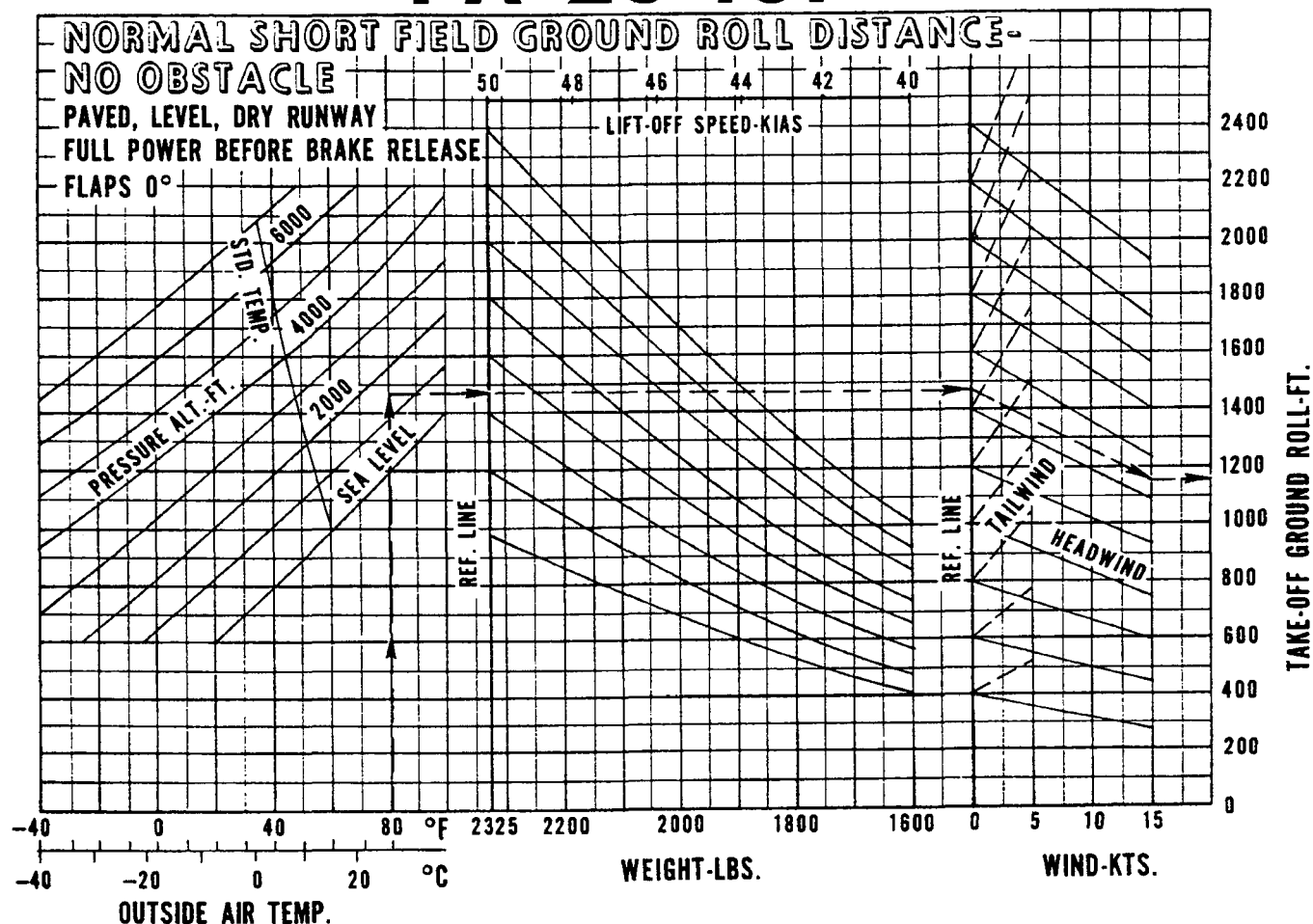


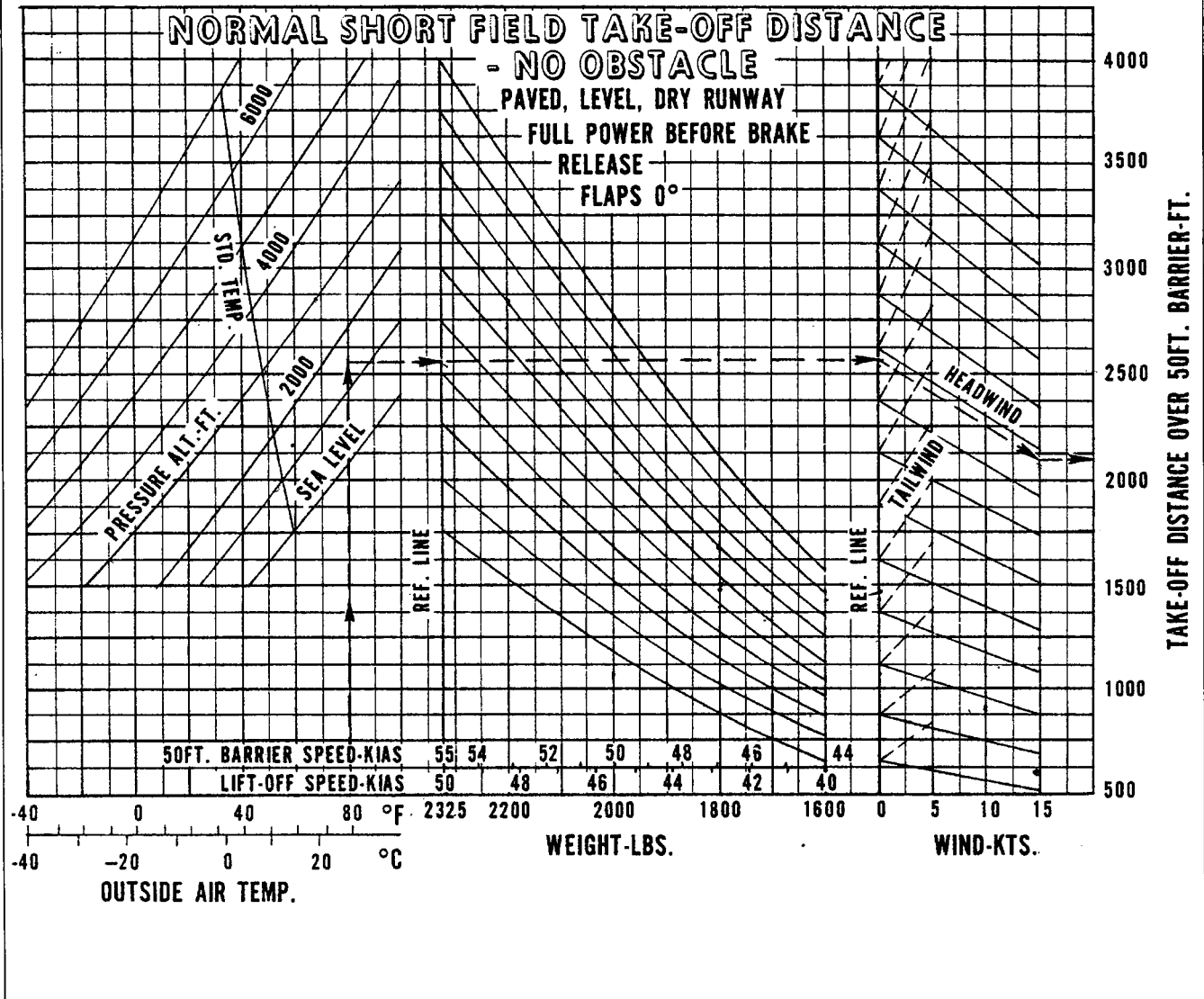
PA-28-161



NORMAL SHORT FIELD GROUND ROLL DISTANCE - NO OBSTACLE

Figure 5-5

PA-28-161



Example:

Departure airport pressure altitude: 1500 ft.

Departure airport temperature: 80°F

Weight: 2325 lbs.

Wind: 15 KTS headwind

Distance over 50 ft. barrier: 2100 ft.

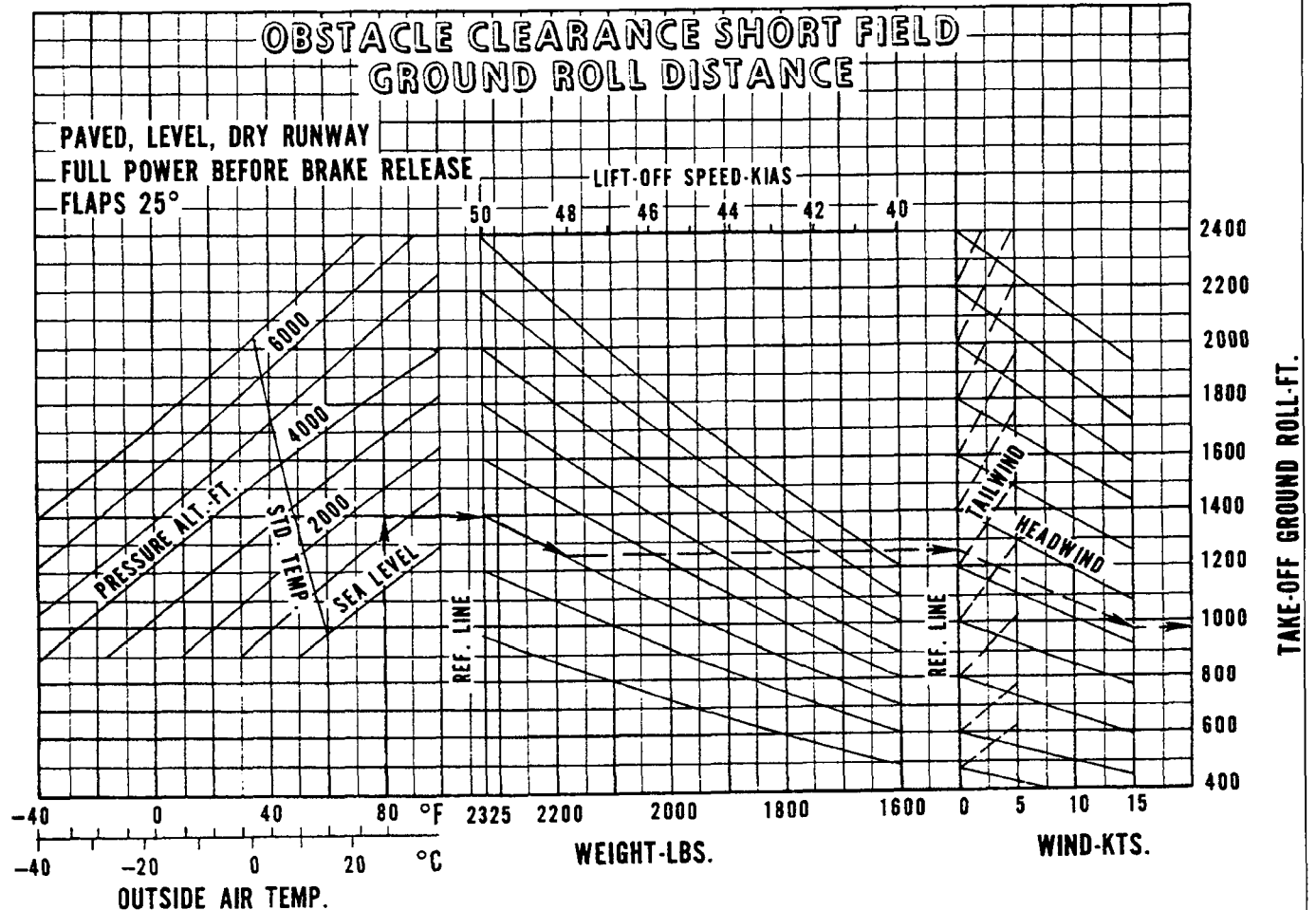
Lift-off speed: 50 KIAS

Barrier speed: 55 KIAS

NORMAL SHORT FIELD TAKEOFF DISTANCE - NO OBSTACLE

Figure 5-6

PA-28-161



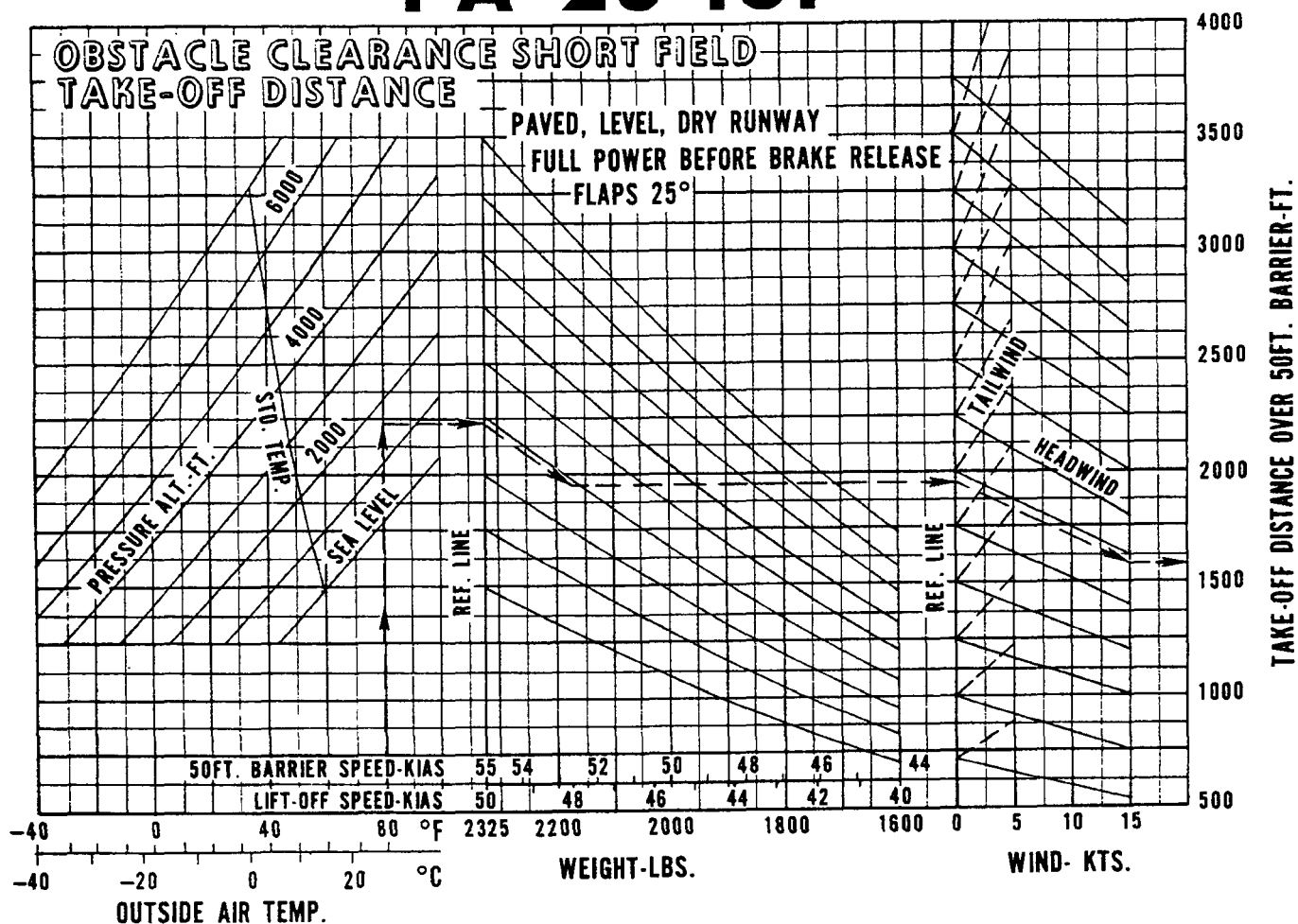
Example:

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

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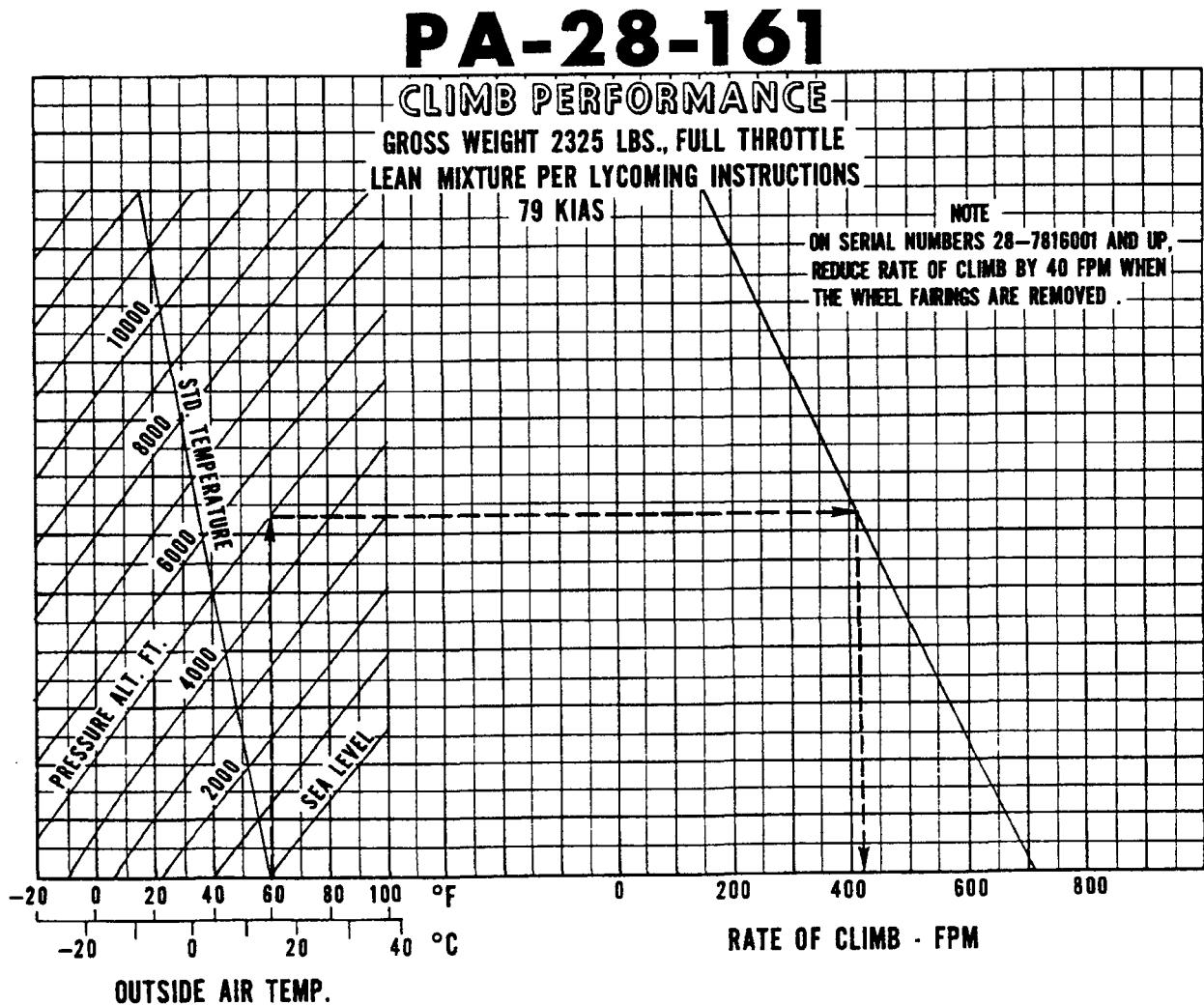


Example:

Departure airport pressure altitude: 1500 ft.
Departure airport temperature: 80°F
Weight: 2175 lbs.
Wind: 15 KTS headwind
Distance over 50 ft. barrier: 1600 ft.
Lift-off speed: 48 KIAS
Barrier speed: 53 KIAS

OBSTACLE CLEARANCE SHORT FIELD TAKEOFF DISTANCE

Figure 5-8



Example:
Climb pressure altitude: 5000 ft.
Climb OAT: 60°F
Rate of climb: 420 ft/min.

CLIMB PERFORMANCE

Figure 5-11