

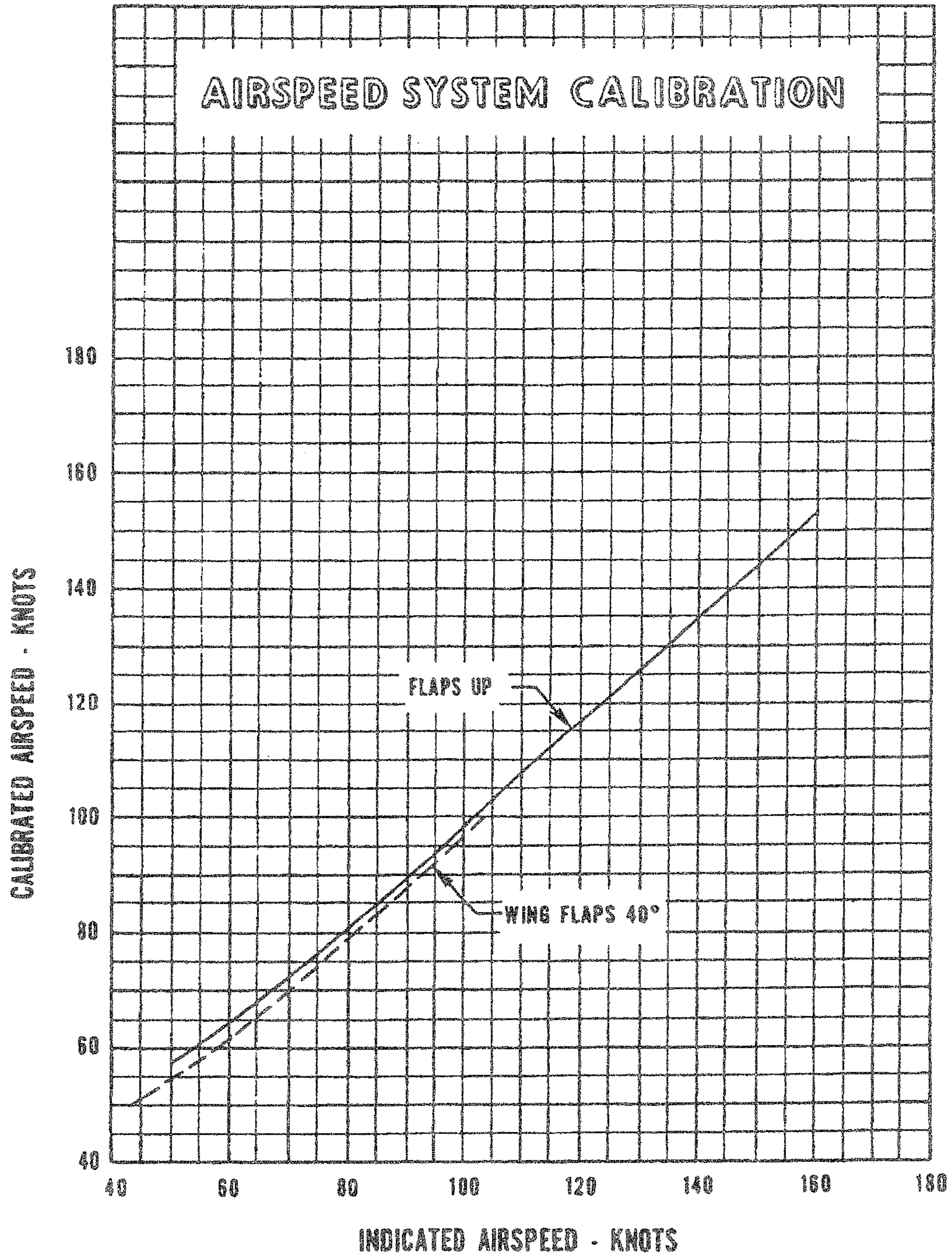
5.7 PERFORMANCE GRAPHS

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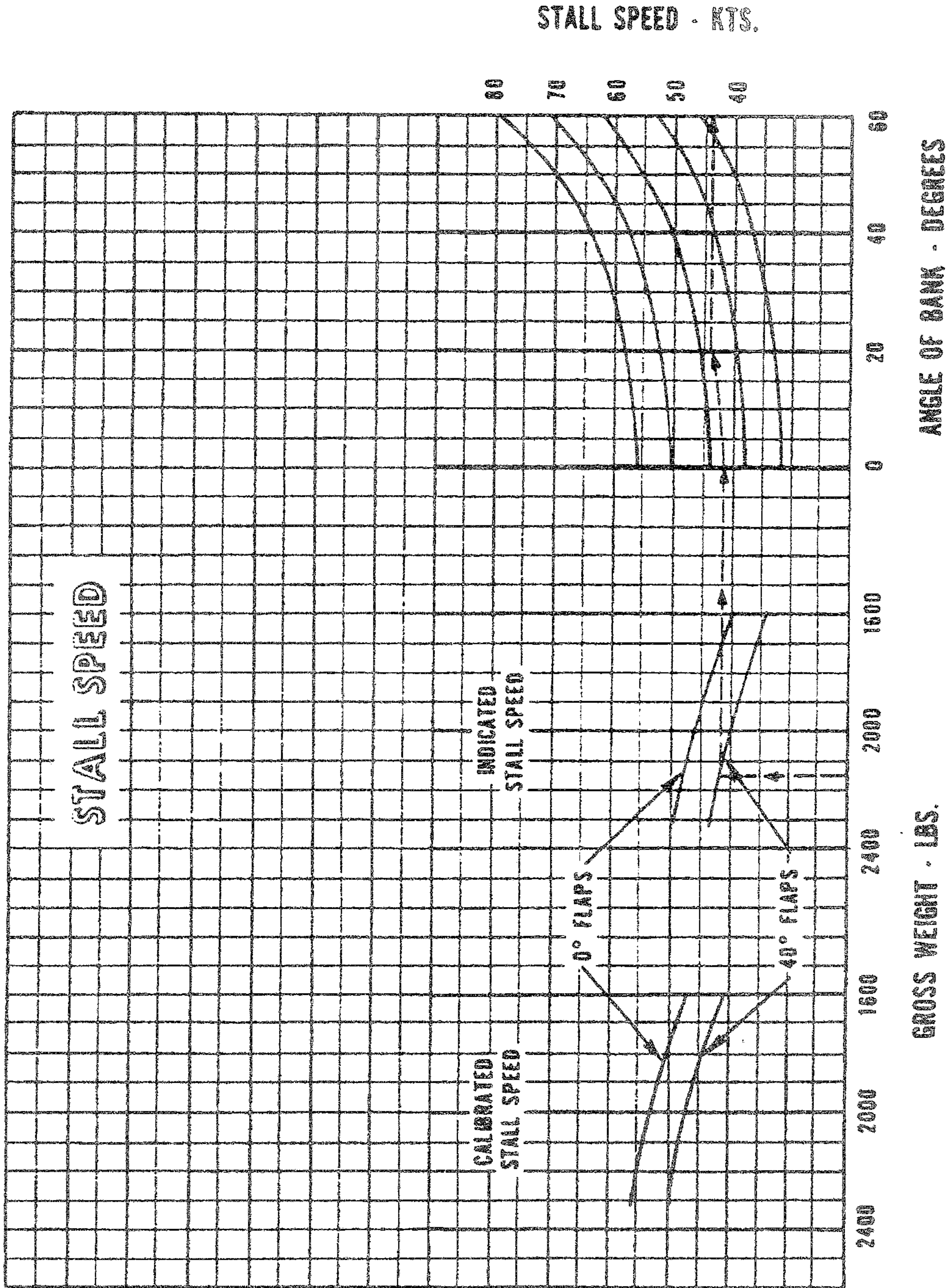
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AIRSPEED SYSTEM CALIBRATION

Figure 5-1

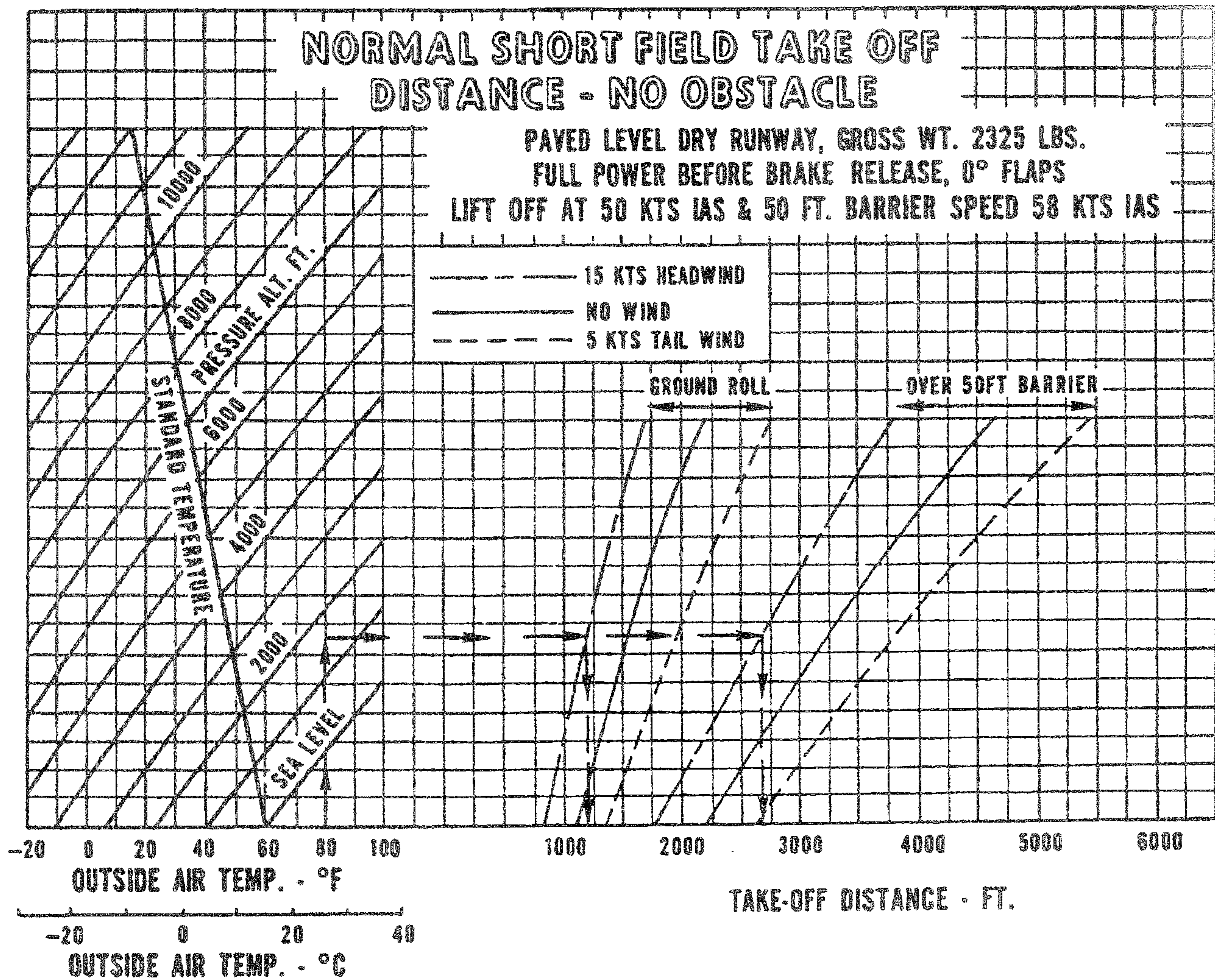
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Example:
 Gross weight: 2170 lbs.
 Angle of bank: 20°
 Flap position: 40°
 Stall speed, indicated: 44 knots

STALL SPEED
Figure 5-3

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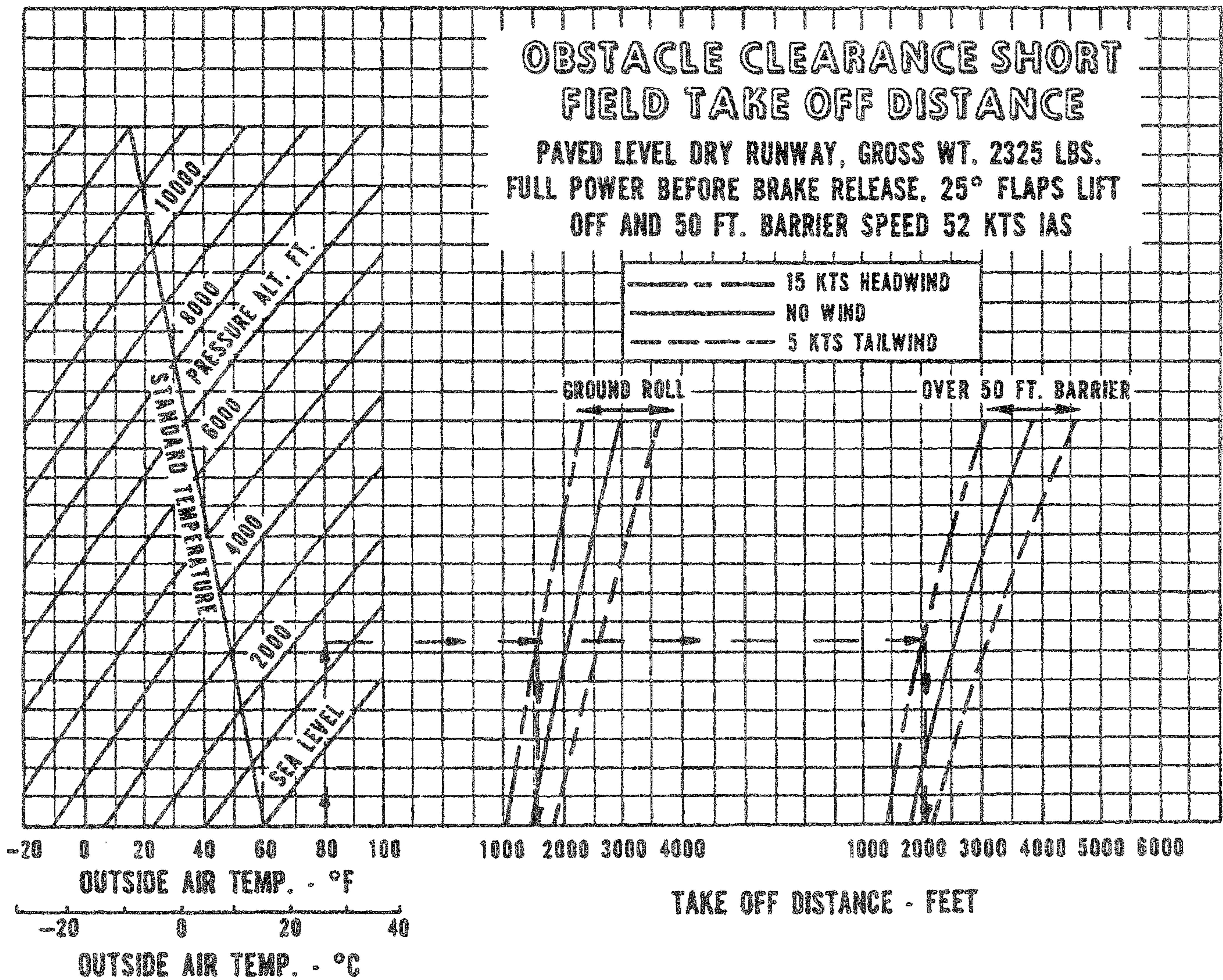
Example:

Departure airport pressure altitude: 1500 ft.
 Departure airport temperature: 80°F
 Wind: 15 KTS headwind
 Ground roll: 1200 ft.
 Distance over 50 ft. barrier: 2650 ft.

NORMAL SHORT FIELD TAKEOFF DISTANCE - NO OBSTACLE

Figure 5-5

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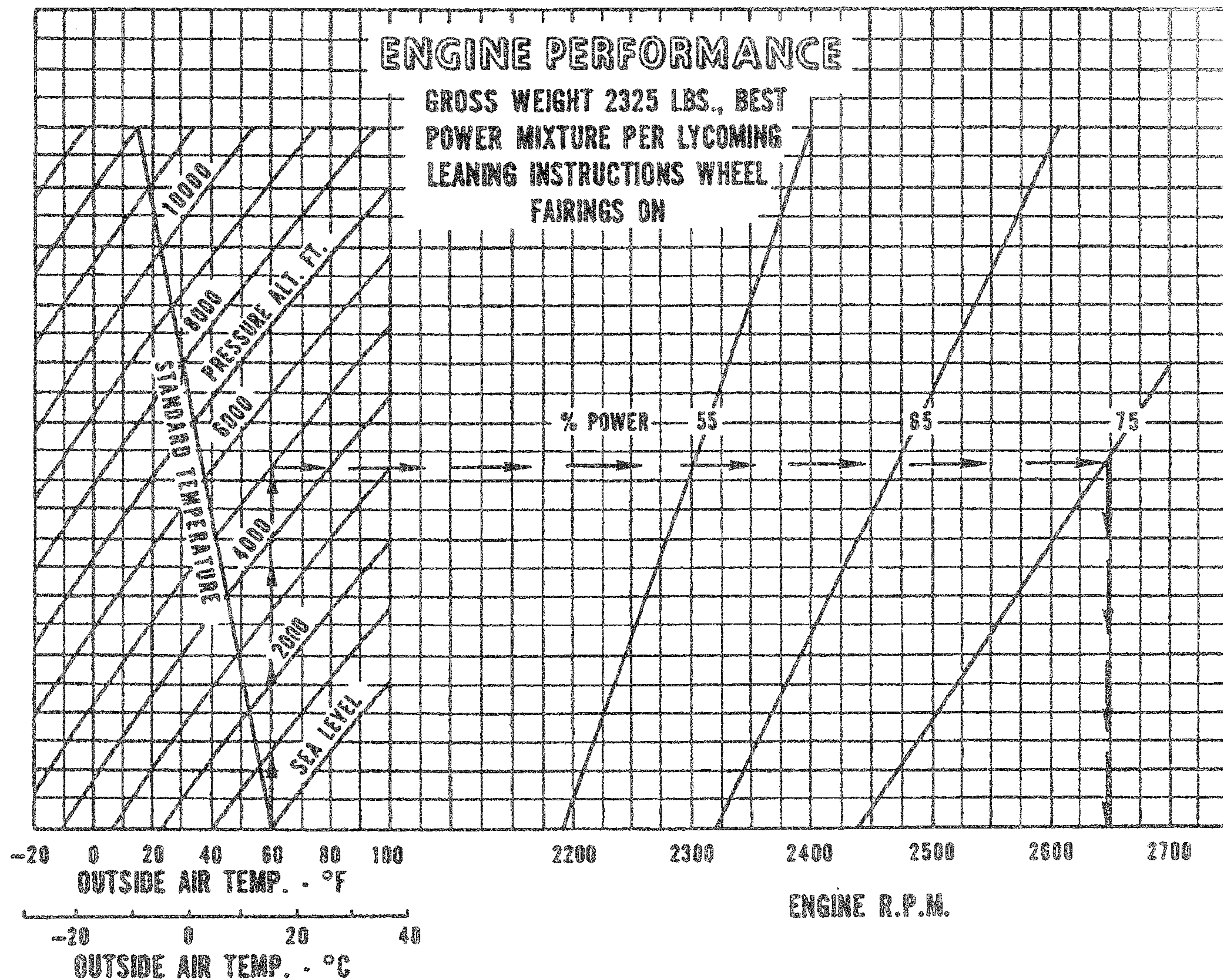
Example:

- Departure airport pressure altitude: 1500 ft.
- Departure airport temperature: 80°F
- Wind: 15 KTS headwind
- Ground roll: 1600 ft.
- Distance over 50 ft. barrier: 2100 ft.

OBSTACLE CLEARANCE SHORT FIELD TAKEOFF DISTANCE

Figure 5-7

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Example:
Cruise pressure altitude: 5000 ft.
Cruise OAT: 60°F
Cruise power: 75%
Engine RPM: 2645

ENGINE PERFORMANCE

Figure 5-9

