## 5.7 PERFORMANCE GRAPHS

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AIRSPEED SYSTEM CALIBRATION

AIRSPEED SYSTEM CALIBRATION
Figure 5-1
STALL SPEED - KTS.

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

STALL SPEED
Figure S-3
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

ISSUED: JUNE 17, 1976
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
Example:
Cruise pressure altitude: 5000 ft.
Cruise OAT: 60°F
Cruise power: 75%
Engine RPM: 2645

ENGINE PERFORMANCE
Figure 5-9
Example:
Climb pressure altitude: 5000 ft.
Climb OAT: 60°F
Rate of climb: 380 ft./min.

CLIMB PERFORMANCE
Figure 5-11