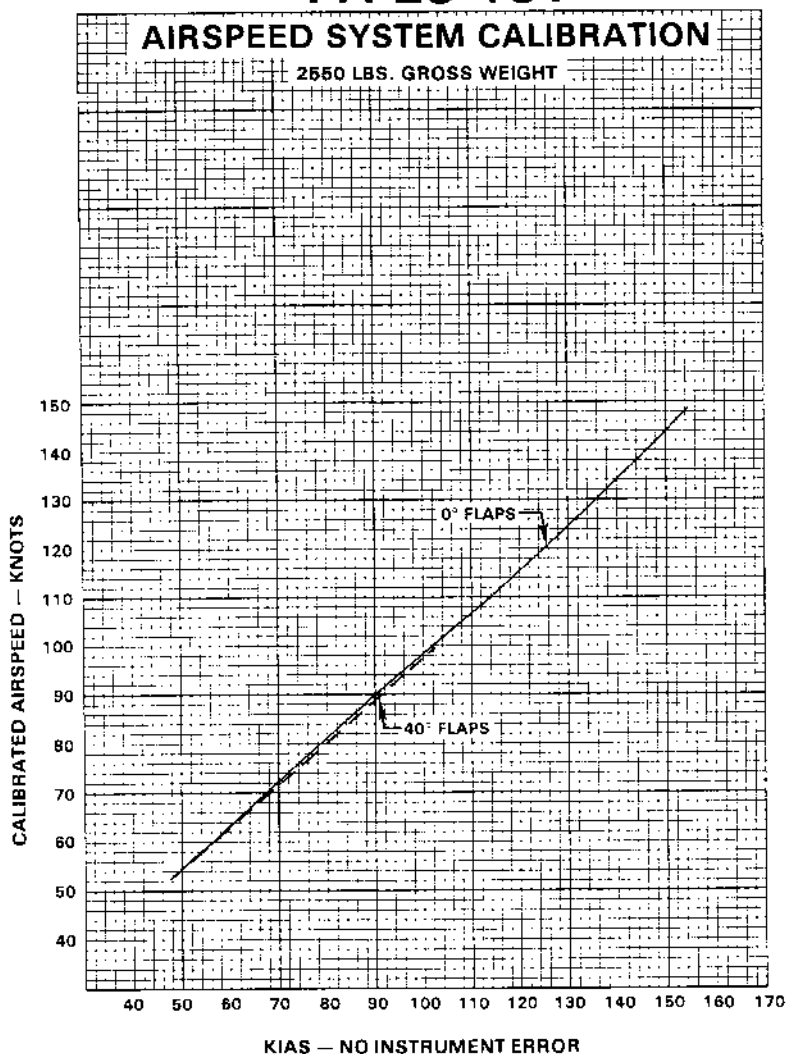
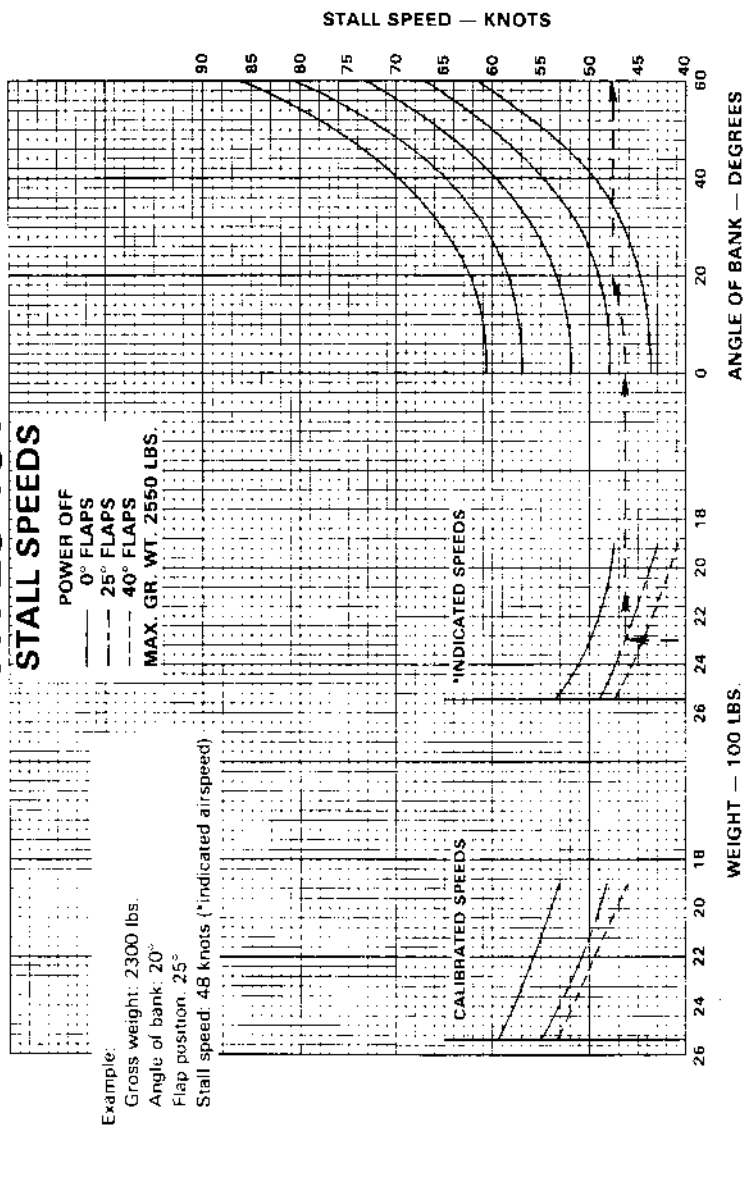


PA-28-181



AIRSPEED SYSTEM CALIBRATION
Figure 5-3

PA-28-181 STALL SPEEDS



STALL SPEEDS
Figure 5-5

PA-28-181

0° FLAPS TAKEOFF PERFORMANCE

Example:

Departure airport pressure altitude: 2000 ft

Temperature: 21°C

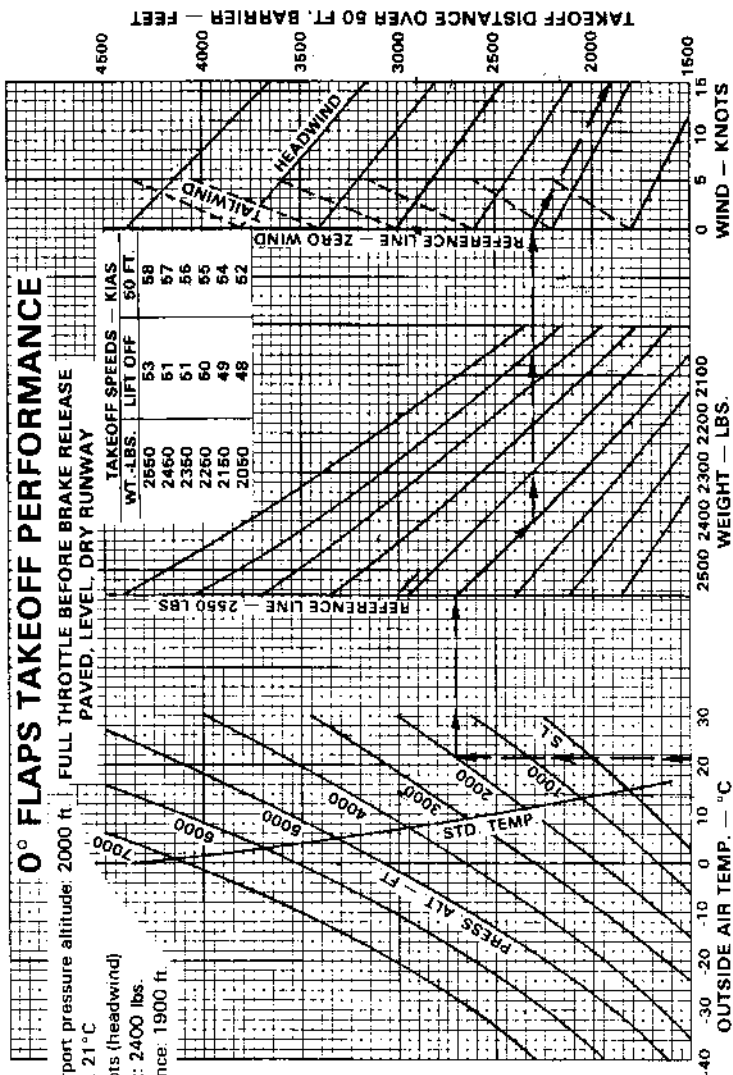
Wind: 15 knots (headwind)

Gross weight: 2400 lbs.

Takeoff distance: 1900 ft.

FULL THROTTLE BEFORE BRAKE RELEASE
PAVED, LEVEL, DRY RUNWAY

WT. - LBS.	LIFT OFF	KIAS
2650	53	58
2450	51	57
2350	51	56
2250	50	55
2150	49	54
2050	48	52



FLAPS UP TAKEOFF PERFORMANCE

Figure 5-7

PA-28-181

25° FLAPS TAKEOFF PERFORMANCE

FULL THROTTLE BEFORE BRAKE RELEASE
PAVED, LEVEL, DRY RUNWAY

Example:

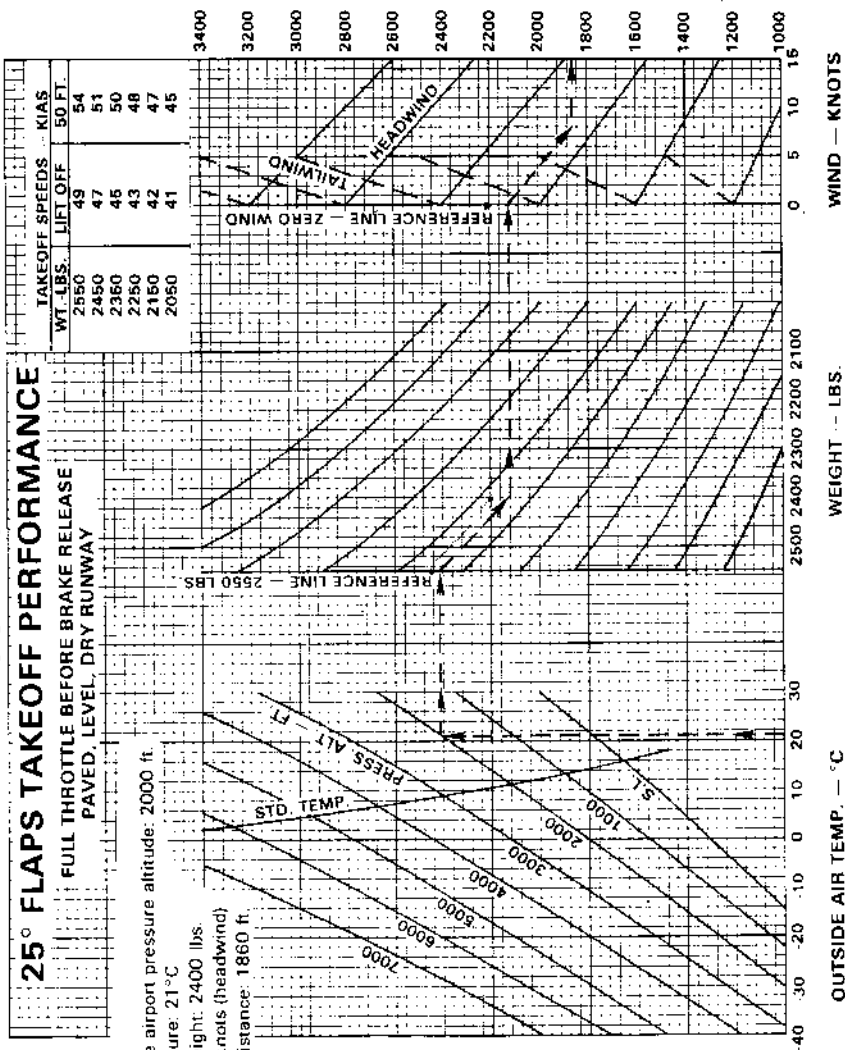
Departure airport pressure altitude: 2000 ft.

Temperature: 21°C

Gross weight: 2400 lbs

Wind: 8 knots (headwind)

Takeoff distance: 1860 ft.



25° FLAPS TAKEOFF PERFORMANCE

Figure 5-9

PA-28-181

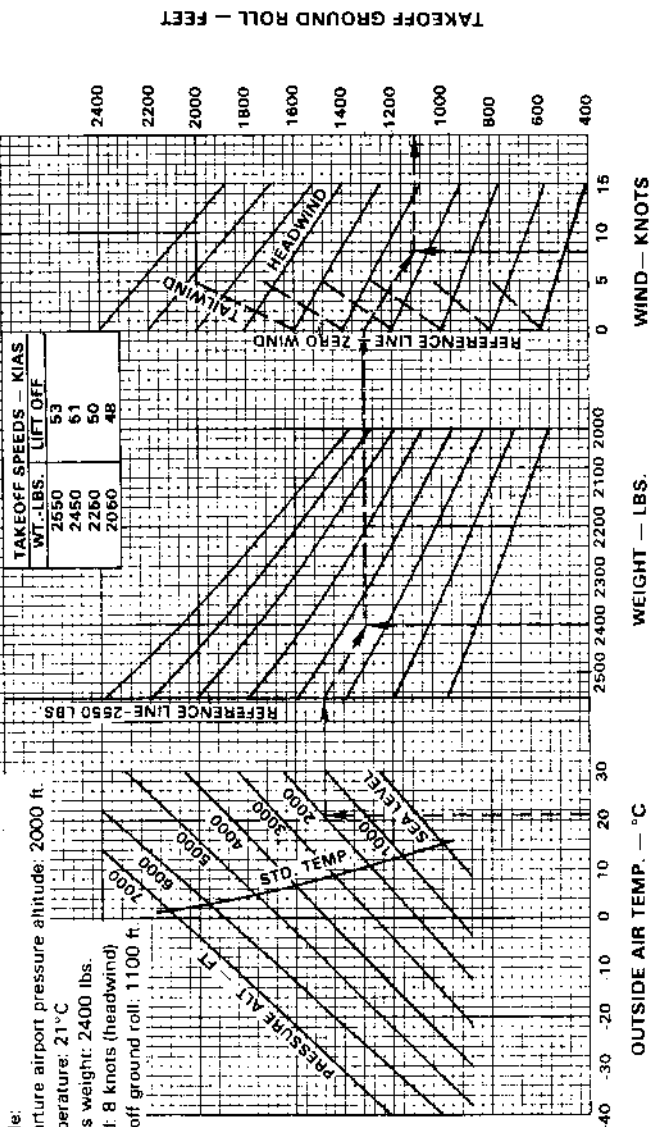
FLAPS UP TAKEOFF GROUND ROLL

FULL THROTTLE BEFORE BRAKE RELEASE
PAVED, LEVEL, DRY RUNWAY

Example:

Departure airport pressure altitude: 2000 ft.
Temperature: 21°C
Gross weight: 2400 lbs.
Wind: 8 knots (headwind)
Takeoff ground roll: 1100 ft.

TAKEOFF SPEEDS - KIAS	
WT.-LBS.	LIFT OFF
2550	53
2450	51
2250	50
2050	48



FLAPS UP TAKEOFF GROUND ROLL

Figure 5-11

PA-28-181

25° FLAPS TAKEOFF GROUND ROLL

FULL THROTTLE BEFORE BRAKE RELEASE
PAVED, LEVEL, DRY RUNWAY

Example:

Departure airport pressure altitude: 2000 ft.
Temperature: 21°C
Gross weight: 2400 lbs.
Wind: 10 knots (headwind)
Takeoff ground roll: 950 ft.

TAKEOFF SPEEDS — KIAS

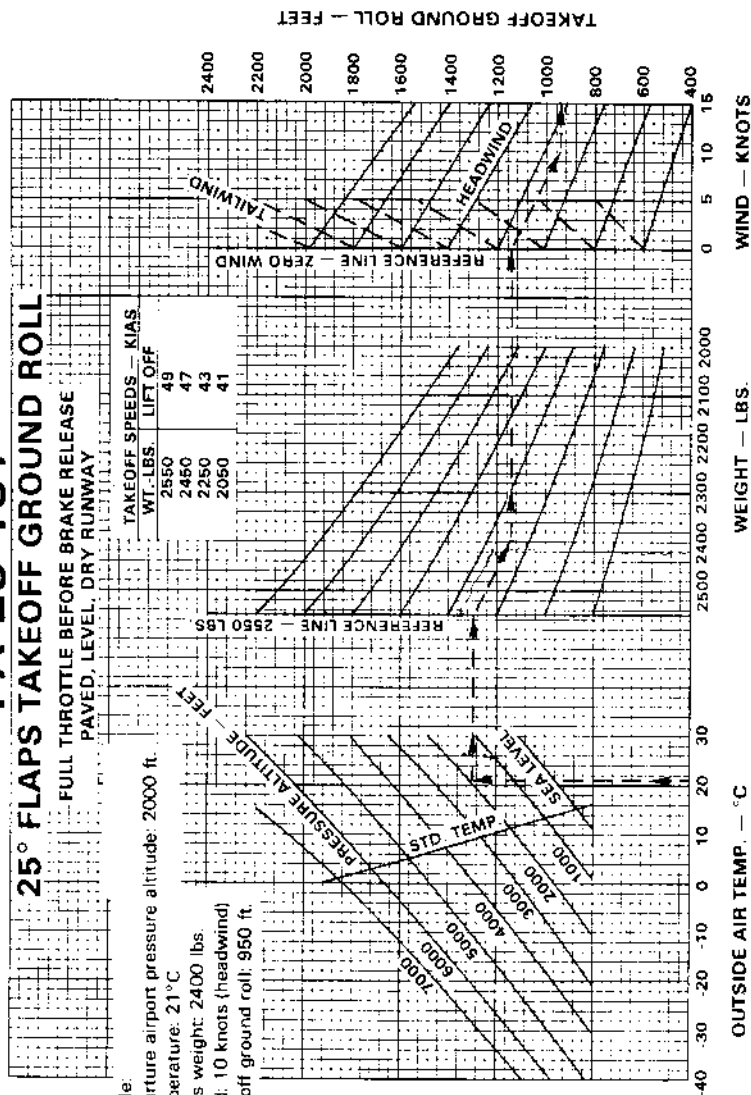
WT. — LBS. LIFT OFF

2550 49

2450 47

2250 43

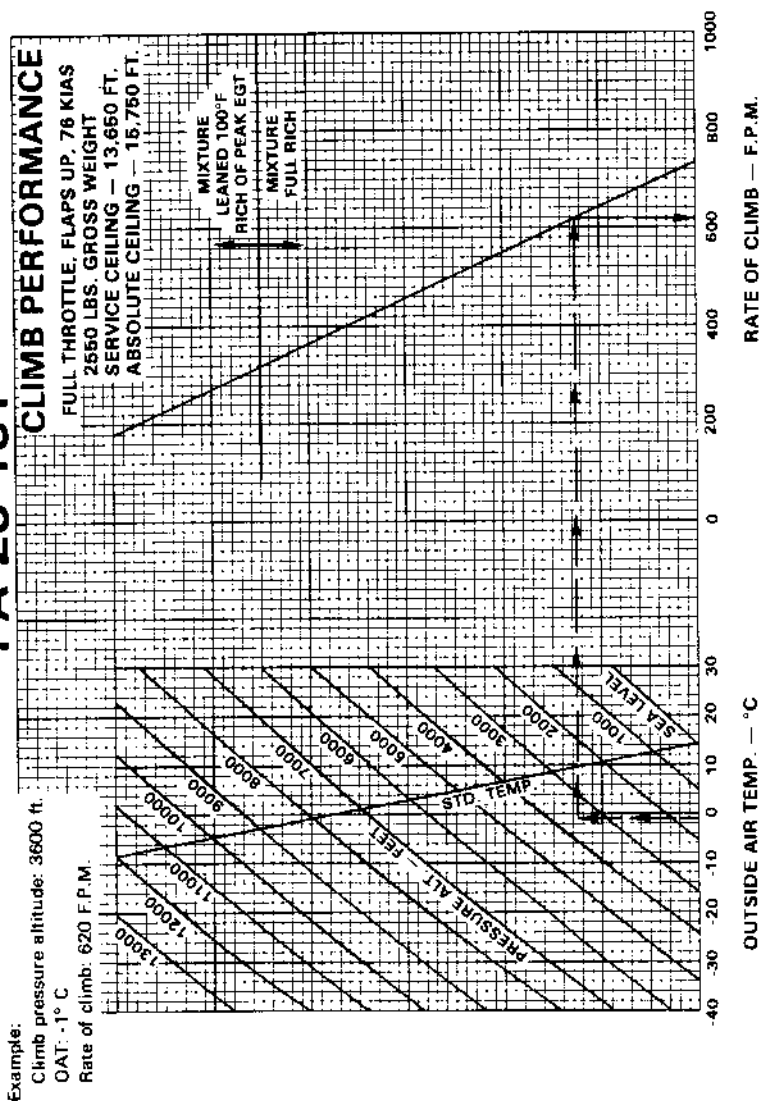
2050 41



25° FLAPS TAKEOFF GROUND ROLL

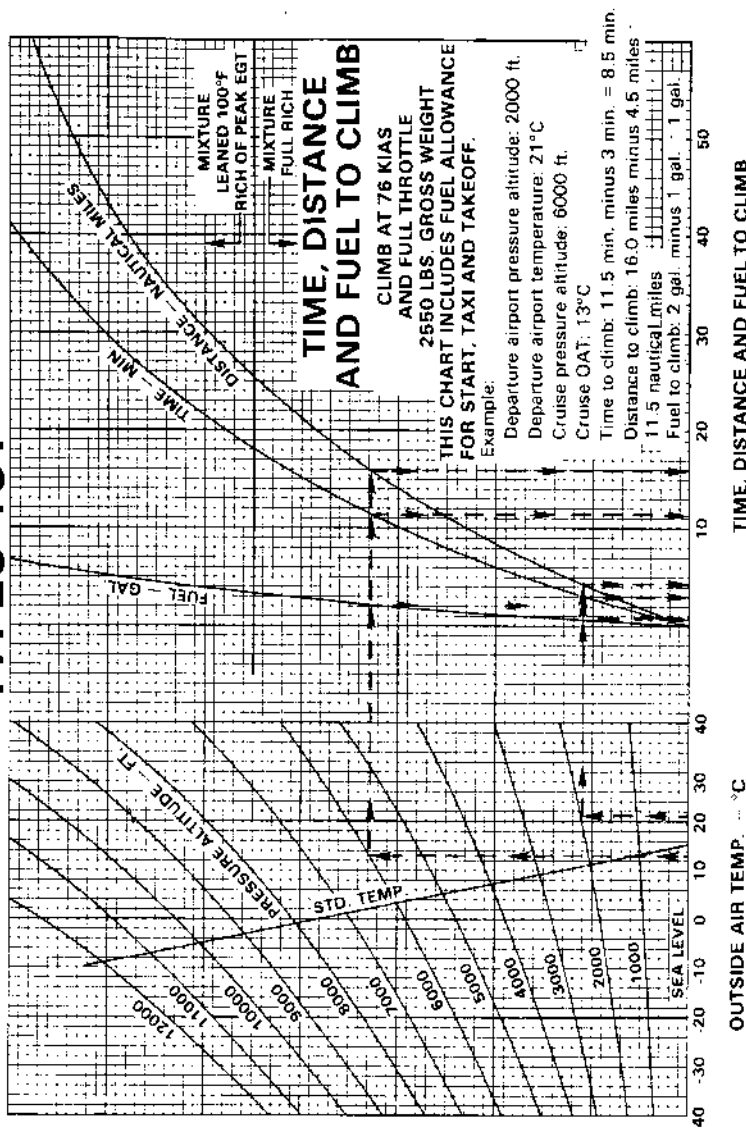
Figure 5-13

PA-28-181



CLIMB PERFORMANCE
Figure 5-15

PA-28-181



TIME, DISTANCE AND FUEL TO CLIMB

Figure 5-17