

Length of runway 3300 ft (full) (Estimated takeoff distance needed about 2300-2400 feet with no flaps)

Flap setting in pictures is retracted, 0 degrees

Time 1810 EDT (2210Z), 09/02/17

METAR KCDA 022155Z AUTO 00000KT 10SM CLR 18/06 A3019 RMK AO2 T01830055=

Pilot weight 250 lbs

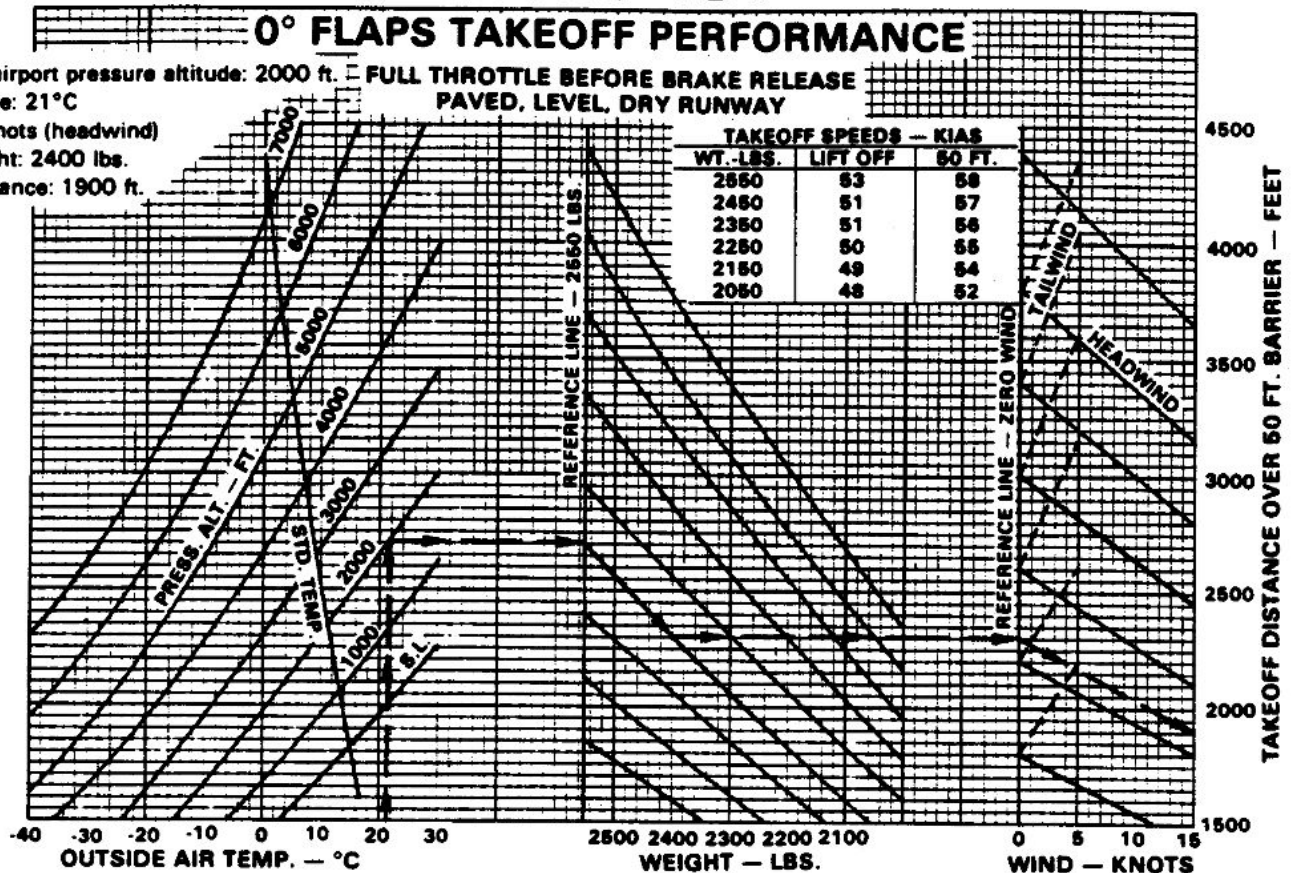
Passengers weight total 300 lbs. estimates



PA-28-181

Example:

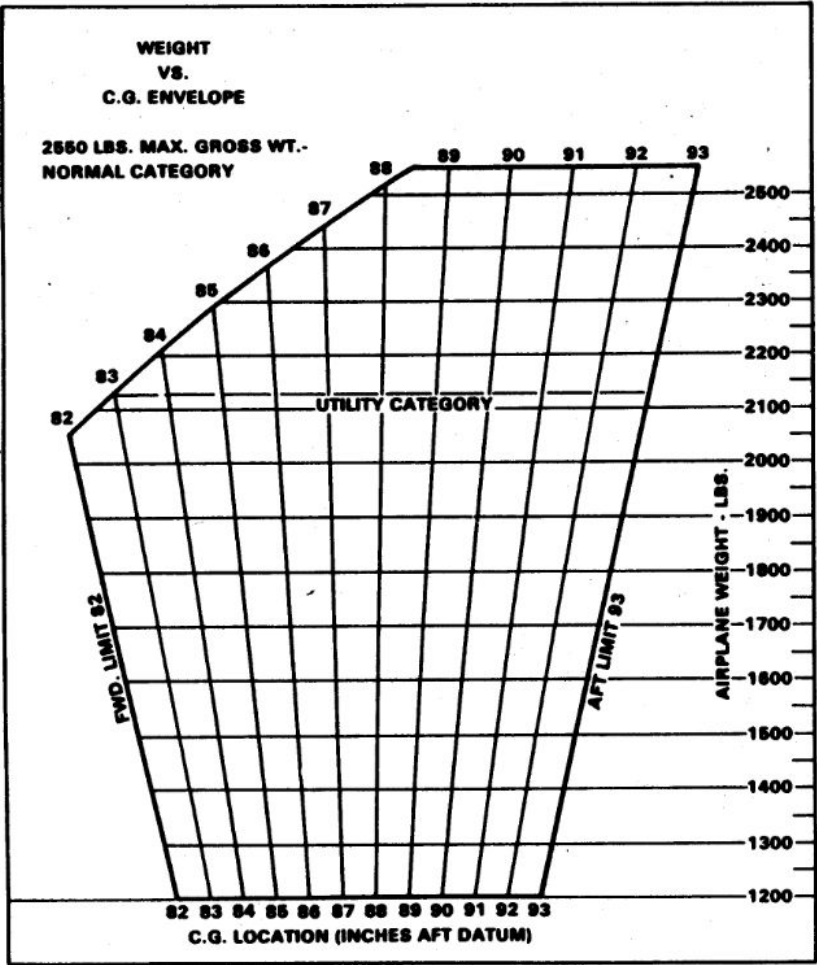
Departure airport pressure altitude: 2000 ft. **FULL THROTTLE BEFORE BRAKE RELEASE**
Temperature: 21°C
Wind: 15 knots (headwind)
Gross weight: 2400 lbs.
Takeoff distance: 1900 ft.



GENERAL WEIGHT AND BALANCE CHART (Estimated)

ITEM	WT. (LBS.)	ARM (IN.)	MOMENT (IN. LBS.)
BASIC AIRPLANE estimated	1590.0	87.50	139125.00
PILOT'S SEAT	250.0	80.50	20125.00
COPILOT'S SEAT	150.0	80.50	12075.00
SEAT NO. 3	150.0	118.10	17715.00
SEAT NO. 4		118.10	0.00
FUEL GAL. (MAIN)	288.0	95.00	27360.00
BAGGAGE AFT		142.80	0.00
TOTAL WEIGHT <u>2428.0</u> CG <u>89.13</u> TOTAL MOMENT <u>216400.00</u>			

48 gallons



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