

Departure Information

ATIS CODE _____
 TEMP/DEW _____
 ALTIMETER _____

P-ALT _____
 DEN/ALT _____
 WIND _____

WEIGHT AND BALANCE PA30 N7261Y

Max Gross 3600
 Empty Weight 2262.53
 Empty Weight C.G. 83.49
 Useful Load 1337.47

ITEM	WEIGHT	X	ARM	=	MOMENT
Empty Weight	2262.53		83.49		188906.61
Oil (7.5 LBS per Gal)	30.00		51.0		1530.00
Fuel (Inboard)	324.00		90.0		29160.00
Fuel (Outboard)	180.00		95.0		17100.00
Pilot/Pass. (Front)			84.8		
Passenger (Rear)			118.5		
Baggage (Max 200)	20.00		142.0		2840.00
TOTALS	_____				_____

C.G. = Total Moment Divided by Total Weight C.G. = _____ *Most Forward C.G. = 81*
Most Rearward C.G. = 92

S.E.S.C. _____ S.E.A.C. _____
 (Single Engine Service Ceiling) (Single Engine Absolute Ceiling)

Departure Performance

Takeoff Distance _____ Rate Of Climb (Single Engine) _____

Landing Distance _____ Rate Of Climb (Two Engines) _____

Accelerate Stop _____ Accelerate Go _____

(50 / (se roc x 60 / ground speed)) x 5280) + Takeoff Distance

a. se roc x 60 = a

b. a / ground speed = b

c. 50 / b = c

d. c x 5280 = d

e. d + TakeoffDistance = Accelerate-Go Distance

(where d is the distance from rotation to clear 50' obstacle)