



MEFFORD FIELD • TULARE, CA 93274
 P.O. BOX 566 • TULARE, CA 93275-0566
 (559) 686-7401

11/18/2020

MAKE: CESSNA

REGISTRATION: N3558E

MODEL: 172N

SERIAL: 17271586

D=DISTANCE FROM DATUM TO MAIN WHEEL CENTER LINE 57.8 IN.
 F=NOSE WHEEL WEIGHT 458.0 LBS.
 L=DISTANCE TAIL WHEEL CENTER LINE TO MAIN WHEEL CENTER LINE 64.6 IN.
 W=TOTAL WEIGHT OF AIRCRAFT AS WEIGHED 1705.0 LBS.

$$\text{C.G. AS WEIGHED: } \frac{D - (F \times L)}{W} = \frac{57.8 - (458.0 \times 64.6)}{1705.0}$$

C.G. AS WEIGHED: 40.45 INCHES AFT OF THE DATUM

ITEM	WEIGHT	ARM	MOMENT
AIRCRAFT	1,705.0	40.45	68,967.25
FUEL 42.0 GALS	-252.0	48.0	- 12,096.0
UNUSABLE FUEL	+18.0	46.0	+828.0
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	1,471.0	39.22	57,699.25

EMPTY WEIGHT: 1,471 LBS.

EMPTY WEIGHT C.G.: 39.22 INCHES AFT OF THE DATUM

GROSS WEIGHT: 2400 LBS

USEFUL LOAD: 929 LBS

MICHAEL SCHOENAU

#3262337 A&P