

KING/SHEFFIELD HANFORD FLIGHT CENTER, LLC.,
 PO BOX 1206
 HANFORD CA 93230

AMENDED WEIGHT AND BALANCE SHEET

AIRCRAFT MAKE Cessna MODEL 172 F N 8841U
 S/N 17252752 TACH 3453.0 DATE 8/27/10

ITEMS	WT	ARM	MOMENT	USEFUL LOAD
AIRCRAFT				
	<u>1425.0</u>	<u>38.91</u>	<u>55440.48</u>	

COMPONENTS ADDED OR REMOVED	+	-	ARM	MOMENT	
	WT	WT			
<u>KN 62 DME</u>	<u>2.75</u>		<u>11.5</u>	<u>31.63</u>	
SUB TOTAL					

MOMENT 55472.11 / WT 1427.75 = NEW C/G 38.85

NEW EMPTY WT. 1427.75
 NEW C/G 38.85
 NEW MOMENT 55472.11
 NEW USEFUL LOAD 872.25

THE ABOVE COMPONENTS WERE
 INSTALLED ACCORDING TO CURRENT
 F.A.A. REGULATIONS. PERTINENT
 INFORMATION IS ON FILE UNDER

W.O. # _____
 MECH R. Whitmore
 INSP AIP 3189629IA

R. Whitmore



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

8/06/2009

MAKE: CESSNA

REGISTRATION: N8841U

MODEL: 172F

SERIAL: 17252752

D=DISTANCE FROM DATUM TO MAIN WHEEL CENTER LINE 57.8 IN.
 F=NOSE WHEEL WEIGHT 467.0 LBS.
 L=DISTANCE TAIL WHEEL CENTER LINE TO MAIN WHEEL CENTER LINE 64.6 IN.
 W=TOTAL WEIGHT OF AIRCRAFT AS WEIGHED 1656.0 LBS.

$$\text{C.G. AS WEIGHED: } \frac{D - (F \times L)}{W} = \frac{57.8 - (467.0 \times 64.6)}{1656.0}$$

C.G. AS WEIGHED: 39.58 INCHES AFT OF THE DATUM

ITEM	WEIGHT	ARM	MOMENT
AIRCRAFT	1656.0	39.58	65544.48
FUEL 39.0 GALS	-234.0	48.0	-11232.0
UNUSABLE FUEL	+18.0	46.0	+828.0
OIL, 8 QTS.	-15.0	-20.0	+300.0
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	1425.0	38.91	55440.48

EMPTY WEIGHT C.G.: 38.91 INCHES AFT OF THE DATUM


 MICHAEL SCHOENAU
 #3262337 A&P