

Aircraft Weight and Balance Report

Results of Aircraft Weighing

Make _____ Model _____

Serial # _____ N# _____

Datum Location _____

Leveling Means _____

Scale Arms: Nose _____ Tail _____ Left Main _____ Right Main _____

Scale Weights: Nose _____ Tail _____ Left Main _____ Right Main _____

Tare Weights: Nose _____ Tail _____ Left Main _____ Right Main _____

Weight and Balance Calculation

Item	Scale (lb)	Tare Wt. (lb)	Net Wt. (lb)	Arm (inches)	Moment (in-lb)
Nose					
Tail					
Left Main					
Right Main					
Subtotal					
Fuel					
Oil					
Misc.					
Total					

Aircraft Current Empty Weight: _____

Aircraft Current Empty Weight CG: _____

Aircraft Maximum Weight: _____

Aircraft Useful Load: _____

Computed By: _____ (print name)

_____ (signature)

Certificate #: _____ (A&P, Repair Station, etc.)

Date: _____

Figure 4-41. Aircraft weight and balance report.

WEIGHT AND BALANCE WORKSHEET					
Owner / Builder					
DATUM REFERENCE POINT -					
Weight at:	WEIGHT (lb)	MOMENT ARM (in)		MOMENT WT. (in/lb)	
LEFT MAIN					
RIGHT MAIN					
TAIL/NOSE WHEEL					
EMPTY WEIGHT					
		CG (inches aft of datum)			
AIRCRAFT LOADING					
Fuel=6#/gal Oil=1.875#/qt					
	WEIGHT (lb)	VOLUMES	MOMENT ARM (in)	LOAD MOMENT. (in*lb)	
Tail/Nose (Empty)					
MAIN GEAR Empty					
FUEL (header 9.0 gal)					
RIGHT FUEL (7.0 gal)					
LEFT FUEL (7.0 gal)					
PILOT					
PASSENGER					
LUGGAGE					
GROSS WEIGHT					
C. G. Inches from DATUM					
C. G. Range					