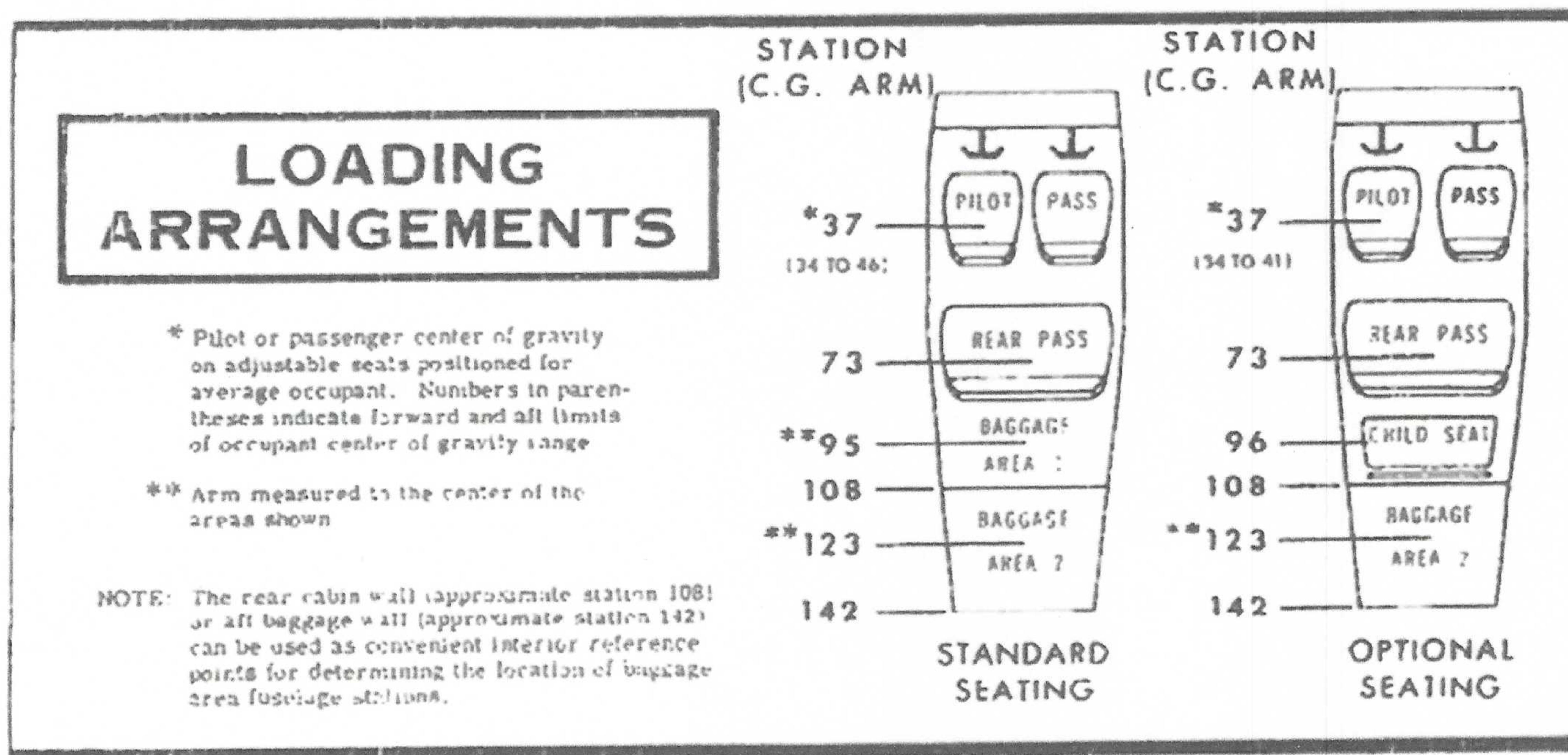


Max Gross Wt: 2,550 Empty Wt: 1,612.56 Arm: 38.51 Moment: 62,105.79



SAMPLE LOADING PROBLEM	SAMPLE AIRPLANE		YOUR AIRPLANE	
	Weight (lbs.)	Moment (lb. - ins. /1000)	Weight (lbs.)	Moment (lb. - ins. /1000)
1. Licensed Empty Weight (Use the data pertaining to your airplane as it is presently equipped. Includes unusable fuel.)	1366	53.8	1612.56	62.1
2. Oil (8 Qts. - The weight of full oil may be used for all calculations. 8 Qts. = 15 Lbs. at -0.2 Moment/1000).	15	-0.2	15	-0.2
3. Usable Fuel (At 6 Lbs./Gal.)				
Standard Tanks (38 Gal. Maximum)	228	10.9		
Long Range Tanks (48 Gal. Maximum)				
4. Pilot and Front Passenger (Station 34 to 46)	340	12.6		
5. Rear Passengers	340	24.8		
6.* Baggage Area 1 or Passenger on Child's Seat (Station 82 to 108) 120 Lbs. Max.	11	1.0		
7.* Baggage Area 2 (Station 108 to 142) 50 Lbs. Max.				
8. TOTAL WEIGHT AND MOMENT	2300	102.9		
9. Locate this point (2300 at 102.9) on the Center of Gravity Moment Envelope, and since this point falls within the envelope, the loading is acceptable. NOTE * The maximum allowable combined weight capacity for baggage areas 1 and 2 is 120 lbs.				



PENN YAN AERO SERVICE, INC.

2499 BATH ROAD

AIRPORT

PENN YAN, N.Y. 14527-9599

180 H.P. SUPERHAWK

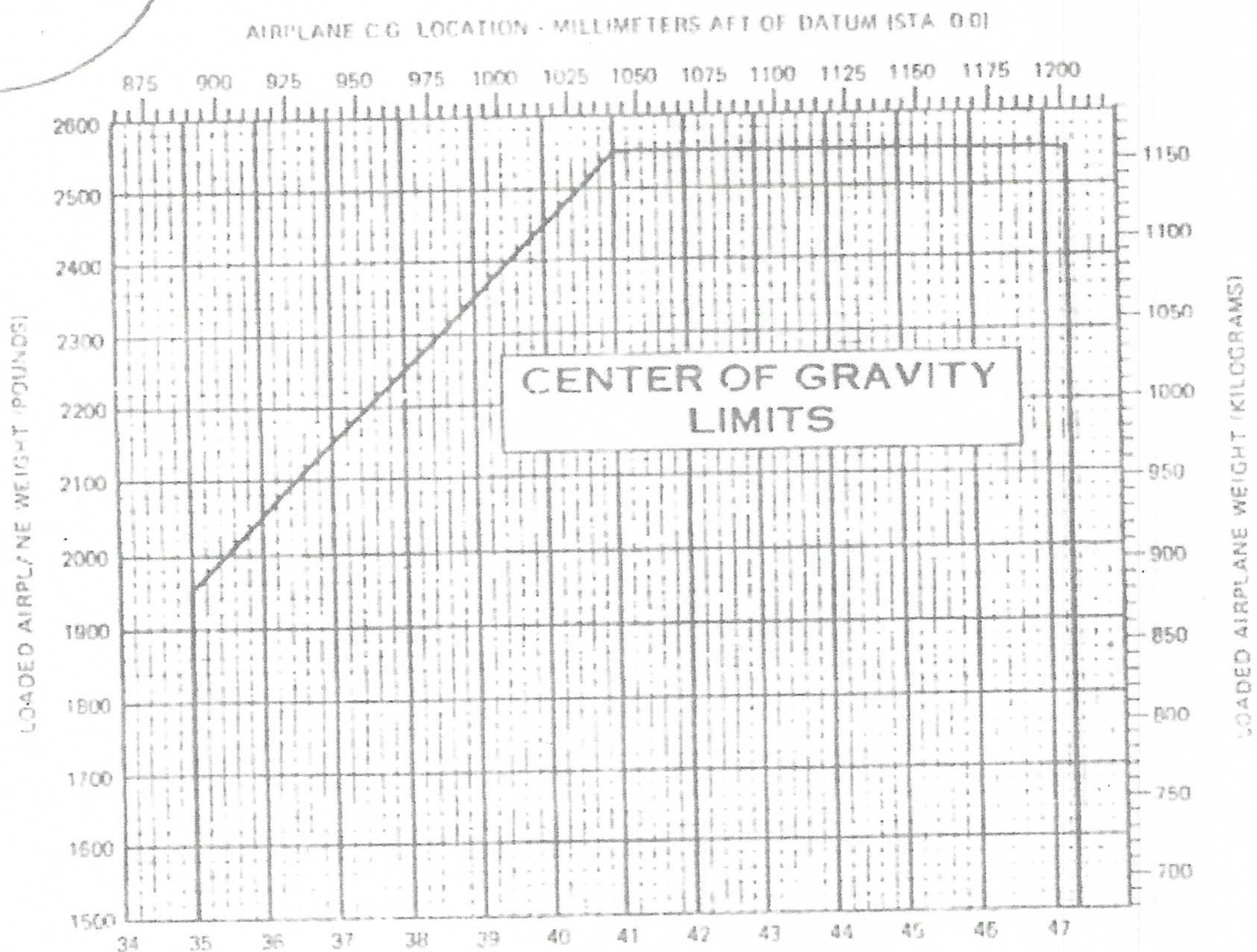
(315) 536-2333

WEIGHT & BALANCE
EQUIPMENT LIST

MODEL 172

CESSNA

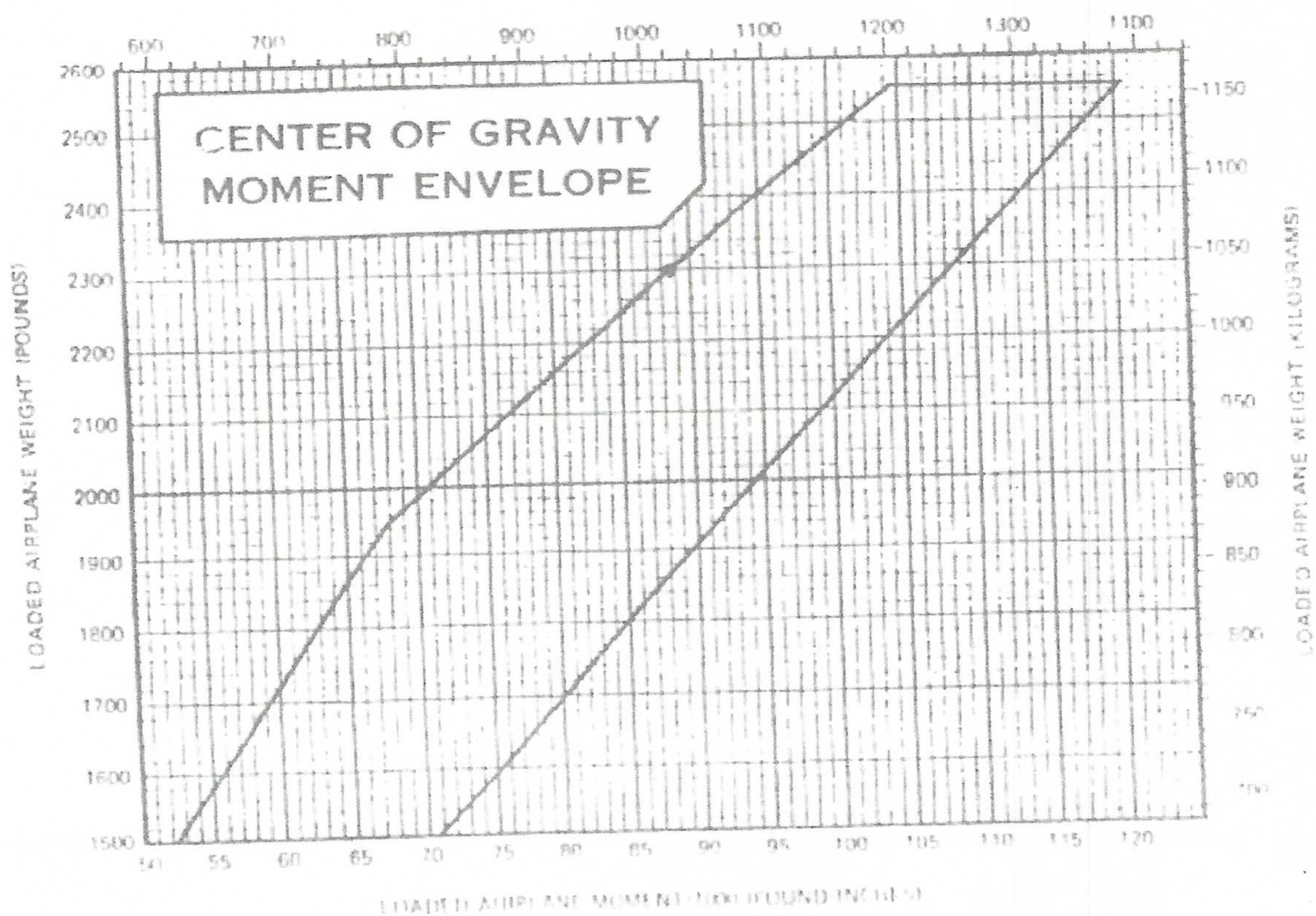
WEIGHT & BALANCE
EQUIPMENT LIST



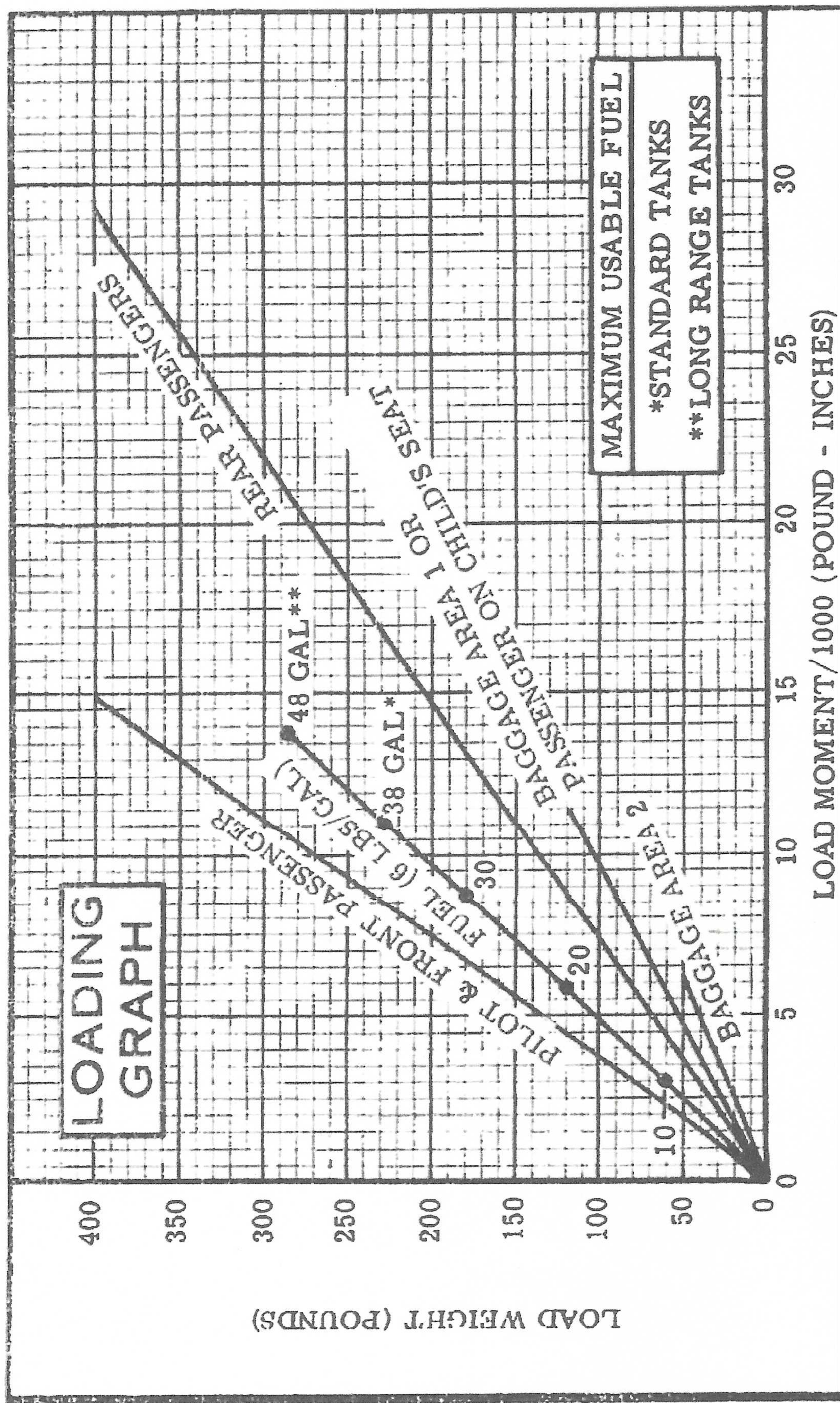
AIRPLANE C.G. LOCATION - INCHES AFT OF DATUM (STA. 0.0)

Center of Gravity Limits

LOADED AIRPLANE MOMENT/1000 (KILOGRAM MILLIMETERS)



FAA APPROVED



NOTES: (1) Line representing adjustable seats shows the pilot or passenger center of gravity on adjustable seats positioned for an average occupant. Refer to the Loading Arrangements diagram for forward and aft limits of occupant c.g. range.

(2) Engine Oil: 8 Qts. = 15 Lbs. at -0.2 Moment/1000.

Aircraft Weight and Balance Revision Form

Date: 09/08/2022

Aircraft
Tail No: N73321
Make: Cessna
Model: 172M
Serial: 17267372
Time:
TCD No:

Registered Owner
Name: Learn to fly NOLA , LLC.
Address: 923 Governor Nichols street New Orleans, La 70116

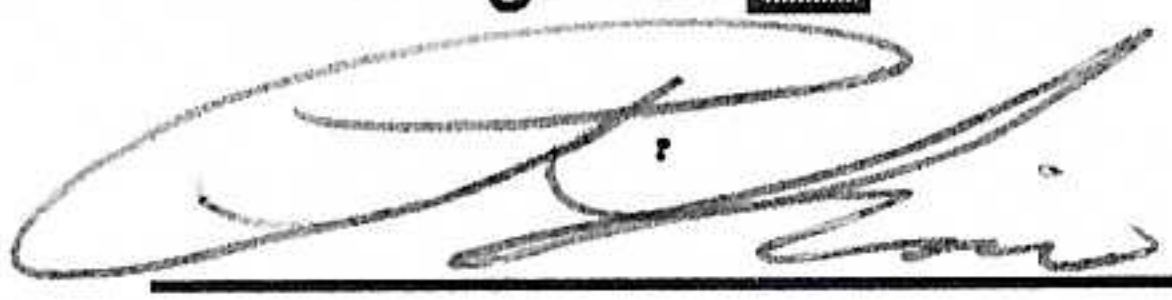
Weight	CG Range
Maximum Weight: 2550.00	FWD: AFT:

As Received
Previous Weight & Balance Date : 06/17/2019
Empty Weight: 1627.96 Useful Load: 922.04 Empty Weight CG: 38.56 Moment: 62773.61

Item	Weight	Arm	Moment
Removed nose wheel fairing	-4.00	-4.90	19.60
Removed main wheel fairings	-11.40	60.30	-687.42
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00

New
Empty Weight: 1612.56 Useful Load: 937.44 Empty Weight CG: 38.51 Moment: 62105.79

Notes:

As Calculated ☒	As Weighed ☐	Prepared By: Paul N. Lucius Flightline Air Service 200 Lake Buhlow Road Pineville LA 71360
Signature: 		
Printed Name: Paul N. Lucius		
Repair Agency No: A&P 3788664		