

8/30/2019

Revised Weight + Balance

From 1/4/2016	A/C Weight	Arm	Moment
	1803.25	85.56	154294.41
Removed			
GNS 430	-6.2	60.0	-372.0
KN64-DME	-2.6	60.0	-156.0
GI-106A	-1.25	60.0	-75.0
Installed			
Apollo CNR80	+6.5	60.0	+390
MD200-306	+1.2	60.0	+72
NEW			
EW	1800.9	85.60	154153.41
Arm			
Moment			

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Revised Aircraft Empty Weight	1800.90 lbs.
Revised C.G	85.60 in.
Revised Useful Load	949.10 lbs.

1.11 MAXIMUM WEIGHTS

(a) Maximum Takeoff Weight (lb.)	2750
(b) Maximum Landing Weight (lb.)	2750
(c) Maximum Weights in Baggage Compartment	200

1.13 STANDARD AIRPLANE WEIGHTS*

(a) Standard Empty Weight (lb.): Weight of a standard airplane including unusable fuel, full operating fluids and full oil.	1603
(b) Maximum Useful Load (lb.): The difference between the Maximum Takeoff Weight and the Standard Empty Weight.	1147

2.11 WEIGHT LIMITS

- | | |
|---------------------|-----------|
| (a) Maximum Weight | 2750 LBS. |
| (b) Maximum Baggage | 200 LBS. |

NOTE

Refer to Section 5 (Performance) for maximum weight as limited by performance.

2.13 CENTER OF GRAVITY LIMITS

Weight Pounds	Forward Limit Inches Aft of Datum	Rearward Limit Inches Aft of Datum
2750	88.9	91.5
2375 and Below	82.0	91.5

NOTES

Straight line variation between points given.

The datum used is 78.4 inches ahead of the wing leading edge at the intersection of the straight and tapered section.