

Data Pertinent to all Models except Gulfstream G150C.G. Range.

Approved center of gravity range is as shown in the following tables:
(Gear extension and retraction moment is negligible).

<u>1125 BASIC</u>	<u>*1125 IW , Astra SPX & Gulfstream 100</u>
12,100 LBS – 39.00 % MAC	12,100 LBS – 39.00 % MAC
12,100 LBS – 36.40 % MAC	12,100 LBS – 36.40 % MAC
12,900 LBS – 19.60 % MAC	12,900 LBS – 19.60 % MAC
16,500 LBS – 19.60 % MAC	16,500 LBS – 19.60 % MAC
21,250 LBS – 25.00 % MAC	21,250 LBS – 25.00 % MAC
23,650 LBS – 30.39 % MAC	24,800 LBS – 32.97 % MAC
23,650 LBS – 39.00 % MAC	24,800 LBS – 39.00 % MAC

LINEAR VARIATION BETWEEN POINTS

* SEE NOTE 4

Datum.

Fuselage Station 0, is located 92.78 inches forward of airstairs opening aft frame.

Mean Aerodynamic Chord (MAC).

86.26 inches with leading edge at Fuselage Station 233.94.

Leveling Means.

Longitudinally: Place level on either seat rail at fuselage station 200 parallel to A/C centerline.

Laterally: Place level on seat rails at fuselage station 200 at 90° to A/C centerline.

Maximum Weight:

	<u>1125 BASIC</u>	<u>1125 IW, Astra SPX, & Gulfstream 100</u>
- Ramp Gross Weight	23650 lbs	24800 lbs
- Max Takeoff Weight	23500 lbs	24650 lbs
- Max Landing Weight	20700 lbs	20700 lbs
- Max Zero Fuel Weight	16000 lbs	17000 lbs

Minimum Crew.**Two (Pilot and Copilot)**Maximum Passengers.

Nine

Maximum Baggage.

Central Tank Extension (CTE) STATUS:	<u>LBS</u>	<u>ARM (INCHES)</u>
- CTE installed (full or empty)	370	358
- CTE not installed	1100	350

Fuel Capacity.

Fuel Tanks	<u>LH WING</u>	<u>CENTER (w/o CTE)</u>	<u>CENTER (w/ CTE)</u>	<u>RH WING</u>
Total/Usable Fuel (LBS)	1936/1920	4857/4852	5530/5525	1936/1920
Arm (INCHES)	256.1	278.5	285.3	256.1
Unusable Fuel (LBS)	16	5	5	16
Arm (INCHES)	236.5	228.5	228.5	236.5

Density: 6.7 LBS/U.S. Gallon

See Note 1 for data on Fuel System

Oil Capacity.

	<u>*TOTAL (LBS)</u>	<u>*USABLE (LBS)</u>	<u>ARM (INCHES)</u>
-3A & -3C Engines	36	8	394
-40R Engines	32	8	394

*For Both Engines Combined

Density: 8.2 LBS/U.S. Gallon

See Note 1 for Data on Oil System)