

WEIGHT & BALANCE AND INSTALLED EQUIPMENT DATA

CESSNA AIRCRAFT COMPANY
SINGLE ENGINE DIVISION

AIRCRAFT WITHOUT WHEEL FAIRINGS



MODEL	SERIAL & REGISTRATION		WEIGHT	ARM	MOMENT
172S	172S9954	N2272C	(lbs)	(in)	(lb-in)
(calculated)	STANDARD EMPTY WEIGHT		1,663.2	40.719	67,724
INSTALLED EQUIPMENT			Net Change from Standard Aircraft		
AIRSPED INDICATOR			0.0	0.000	0
ALTIMETER WITH 20 FT MARKING, DUAL WINDOW, 20000 FT			0.0	0.000	0
ATTITUDE INDICATOR			0.0	0.000	0
COMPONENTS REQUIRED FOR FRONT SEAT INFLATABLE RESTRAINT			0.3	45.300	14
DUAL AXIS AUTOPILOT			19.7	91.200	1,797
EMERGENCY LOCATOR TRANSMITTER INSTL			0.0	0.000	0
ENGINE, LYCOMING IO-360-L2A			0.0	0.000	0
PROPELLER ASSY, MCCAULEY, FIXED PITCH, 1A170E/JHA7660			0.0	0.000	0
STC SA01700LA FRONT SEAT INFLATABLE RESTRAINT SYSTEM			3.8	45.300	172
VINYL/LEATHER SEATS			0.0	0.000	0
FIRE EXTINGUISHER INSTALLATION			0.0	0.000	0
INTERIOR INSTALLATION			0.0	0.000	0
AFT AVIONICS COOLING FAN			1.1	109.500	120
AVIONICS COOLING FAN			0.5	12.400	6
BLIND TURN COORDINATOR			1.0	14.300	14
EQUIPMENT REMOVED FOR NAVIII			-34.4	48.700	-1,675
GDC-74 AIR DATA COMPUTER (ADC)			1.7	118.690	202
GDU-1040 MFD DISPLAY			6.4	16.260	104
GDU-1040 PDF DISPLAY			6.4	16.260	104
GEA-71 ENGINE ANALYZER			2.2	11.450	25
GIA-63#1 COM/NAV/GPS COMPUTER			5.2	113.400	590
GIA-63#2 COM/NAV/GPS COMPUTER			5.2	113.400	590
GMA-1347 AUDIO PANEL			1.5	14.000	21
GMU-44 MAGNETOMETER			0.3	52.650	16
GRS-77 ATTITUDE HEADING REFERENCE SYSTEM (AHRS)			2.5	118.750	297
GTX-33 TRANSPONDER			3.1	114.000	353
MFD FAN			0.1	13.870	1
NAV III ANTENNA WIRING			3.5	44.000	154
NAV III AVIONICS WIRING			25.7	55.000	1,414
PFD FAN			0.1	13.660	1
SINGLE VACUUM PUMP			3.1	-6.520	-20
STANDBY BATTERY INSTALLATION			14.0	11.200	157
WIRING SUPPORT MODULE			0.7	12.000	8
GDL-69A XM WEATHER DATALINK RECEIVER			4.0	47.000	188

The weight and balance data shown in this report are computed on the basis of Federal

Weighed: 09/12/2005

Administration approved procedures for establishing fleet weight averages. [Far 21.327(f)(2)]

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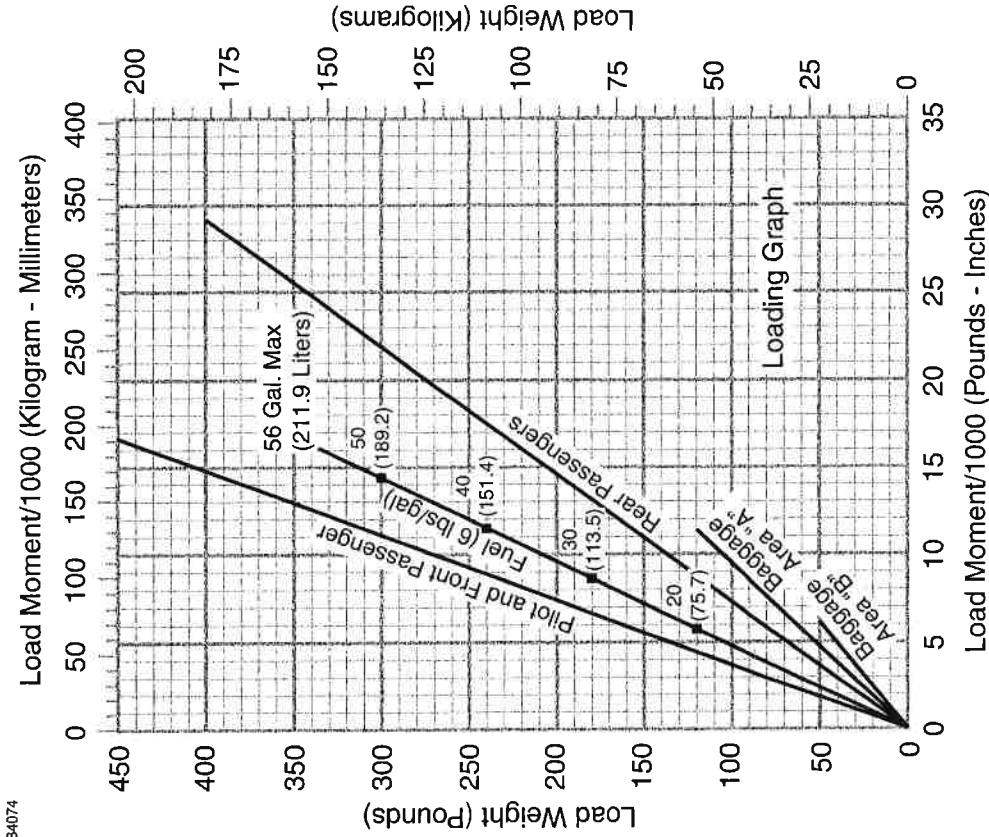
This list contains all installed optional equipment and avionics. All weights and arms are the installed difference from a standard equipped aircraft. For a detailed list of aircraft equipment weight and balance data, please refer to the comprehensive equipment list in the pilots operating handbook.

BASIC EMPTY WEIGHT	1740.9	41.573	72,376.0
USEFUL LOAD	817.1		
MAXIMUM RAMP WEIGHT	2,558.0		
MAXIMUM TAKE-OFF WEIGHT	2,550.0		

Rev. 1/09/2006

Numerical values shown may be rounded from actual values. Therefore, the product of weight times arm may not equal the listed be rounded from actual values. Therefore, the product of weight times arm may not equal the listed moment.

LOADING GRAPH



NOTE

Lines representing adjustable seats show 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.

Figure 6-4

CENTER-OF-GRAVITY MOMENT ENVELOPE

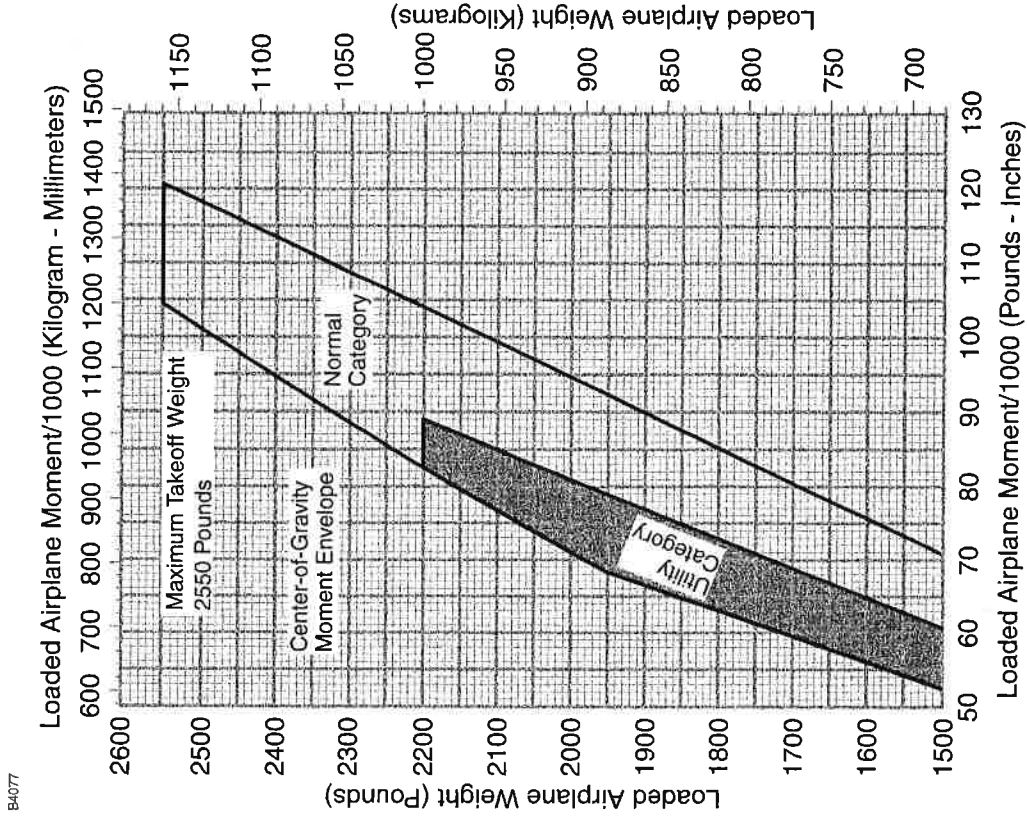


Figure 6-7