CUT :57.7.7

WEIGHT AND BALANCE REVISION

MAKE: Cessna

MODEL: 150 L

SERIAL#: 15075156

REGISTRATION: N10945

EQUIPMENT CHANGE

EQUIFMENT STANGE						
Computing New C.G.						
m, Make and Model *	Weight	Arm	Moment :			
evious information from W&B dated	1101.00	32.70	36002.70			
QUIPMENT ADDED			`,			
Blind Encoder & wiring harness	0.50	15.00	7.50			
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NEW TOTALS	1101.50	32.69	36010.20			

* ITEM NUMBERS WHEN LISTED IN THE PERTINENT AIRCRAFT SPECIFICATION MAY BE USED IN LIEU OF "ITEM, MAKE, AND MODEL"

Gross Weight:	1600		
New empty weight:	1101.50		
New Center of gravity:	32.69		
Moment:	36010.20		

Moment: 36010.20 Useful load: 498.5

Prepared By Change Share

Date 1

10/19/07

CESSNA AIRCRAFT COMPANY WICHITA, KANSAS

MODEL 150L

1974

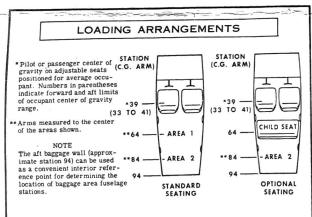
Loading and Center of Gravity Charts

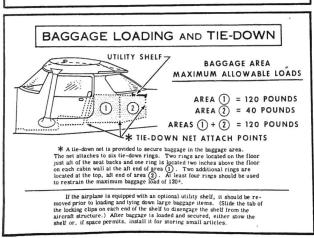
IT IS THE RESPONSIBILITY OF THE PILOT AND AIRCRAFT OWNER TO ENSURE THAT THE AIRCRAFT IS LOADED PROPERLY.

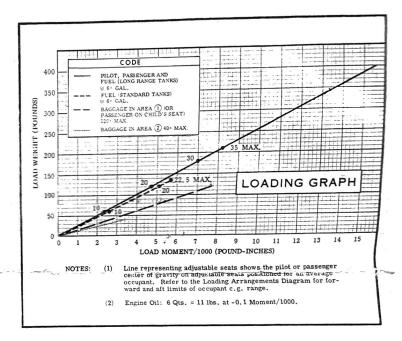
When computing aircraft loading requirements, refer to the Weight and Balance and Installed Equipment Data sheet in the aircraft file for the licensed empty weight, arm and moment of the aircraft as delivered from the factory. (If alterations have been made to the aircraft, refer to Aircraft Records for the latest empty weight, arm and moment.) The aircraft weight and blance may then be determined using the Loading Graph and Center of Gravity Moment Envelope as indicated in the Samply Loading Problem below.

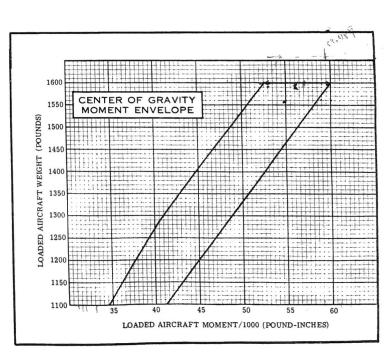
SAMPLE LOADING PROBLEM	SAMPLE AIRPLANE		YOUR AIRPLANE	
	Weight (Ibs.)	Moment (Ibins. /1000)	Weight (lbs.)	Moment (lbins. /1000)
Licensed Empty Weight (Use the data pertaining to your airplane as it is presently equipped. Includes unusable (uel)	1089	36.0		
 Oil (6 Qts The weight of full oil may be used for all calculations. 6 Qts = 11 Lbs. at -0.1 Moment/1000) 	11	-0.1	11	-0.1
3. Usable Fuel (At 6 Lbs./Gal.) Standard Tanks (22.5 Gal. Maximum)		5.7		
Long Range Tanks (35 Gal. Maximum) 4. Pilot and Passenger (Sta. 33 to 41)		13.3		
 Baggage - Area 1 (or Passenger on Child's Seat) (Sta. 50 to 76, 120 Lbs. Max.) 	. 25	L6		
6. Baggage - Area 2 (Sta. 76 to 94, 40 Lbs. Max.)				
7. TOTAL WEIGHT AND MOMENT	1600	56.5		

CAN THE PROPERTY NAMED IN





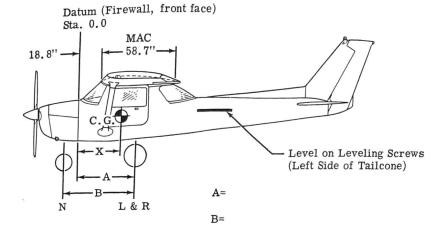




Weighing Procedure

MODEL 150L

1-974



Scale Position	Scale Reading	Tare	Symbol	Net Weight
Left Wheel			L.	
Right Wheel			R	
Nose Wheel			N	
Aircraft Empty Weight (As Weighed)		W		

. Preparation:

a. Inflate tires to recommended operating pressures.

b. Remove each wing tank drain plug to remove all fuel.

c. Remove oil sump drain plug to drain all oil.

d. When individual front seats are installed, place seats in most forward position with seat backs in most nearly vertical position.

e. Put flaps in fully retracted position.

f. Place all control surfaces in neutral position.

Leveling:

 Place scales under each wheel (500# min. capacity for scales).

b. Deflate nose tire to center bubble on level (see Diagram).

3. Weighing:

a. With the airplane level and brakes released, record the weight shown on each scale. Deduct the tare, if any, from each reading.

Measuring:

- a. Obtain measurement "A" by measuring horizontallly (along the airplane center line) from a line stretched between the main wheel centers to a plumb bob dropped from the firewall.
- b. Obtain measurement "B" by measuring horizontally and parallel to the airplane center line, from center of nose wheel axle, left side, to a plumb bob dropped from the line between the main wheel centers. Repeat on right side and average the measurements.

c. Completing the Form:

- a. Using weights from (3) and measurements from (4) the airplane weight and C.G. can be determined.
- b. Obtain licensed empty weight by adding weight and moment of unusable fuel to airplane empty weight and moment. There are 3.5 gallons of unusable fuel (weight = 21#, moment = 840 lb ins.) in airplanes with the standard 26 gallon capacity fuel system and 3.0 gallons of unusable fuel (weight = 18#, moment = 720 lb ins.) in aircraft with the optional 38 gallon capacity fuel system.

