

LOADING GRAPH

LOAD WEIGHT (POUNDS)

600
500
400
300
200
100
0

FUEL (6 LBS./GAL.)

REAR PASSENGERS (STD. SEATING)

CENTER PASSENGERS (OPT. SEATING)

PILOT & FRONT PASSENGER

36 GAL.

(MAX.

AUXILIARY

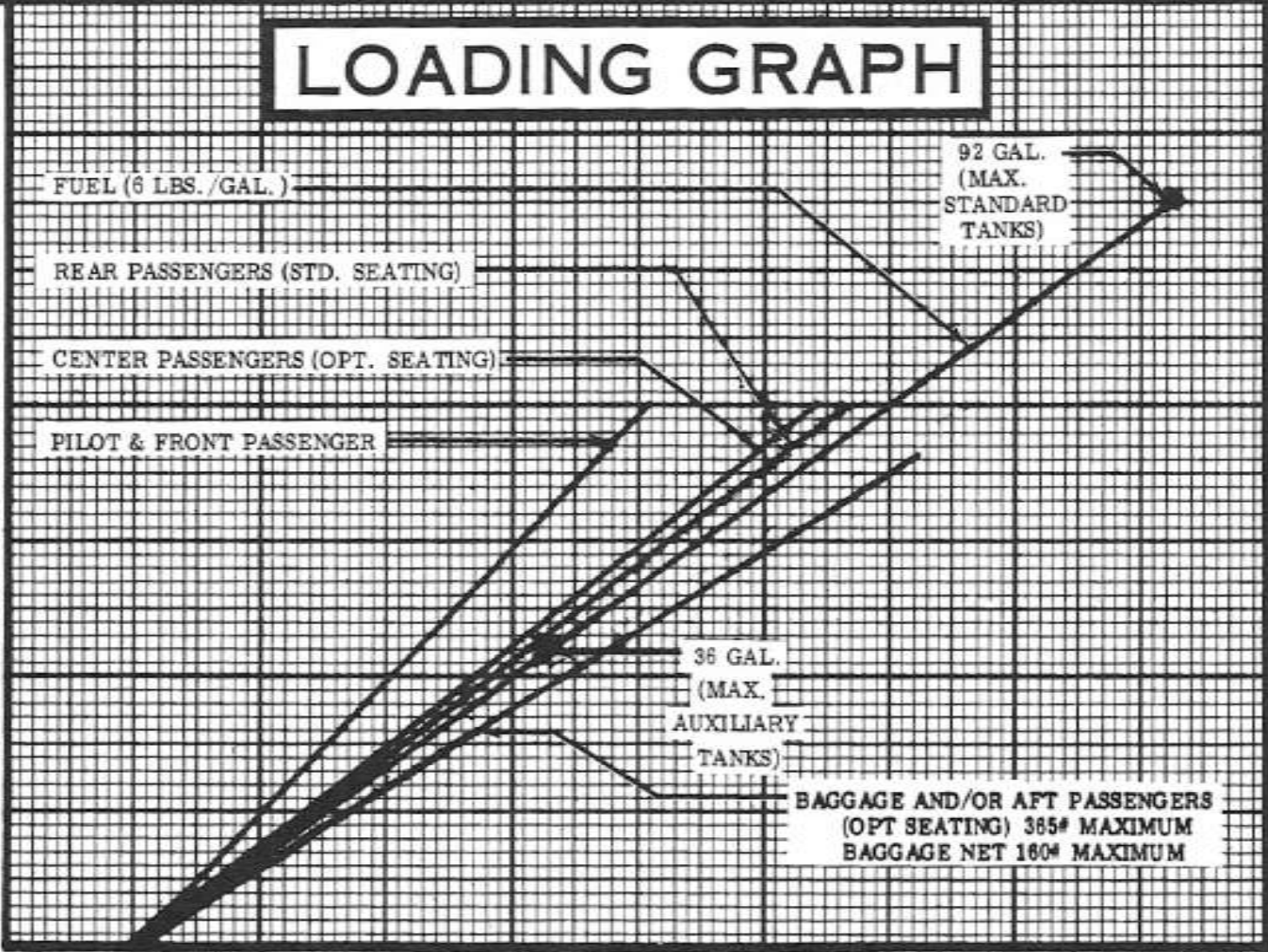
TANKS)

92 GAL.
(MAX.
STANDARD
TANKS)

BAGGAGE AND/OR AFT PASSENGERS
(OPT SEATING) 385# MAXIMUM
BAGGAGE NET 180# MAXIMUM

0 10 20 30 40 50 60 70 80

LOAD MOMENT/1000 (POUND-INCHES)



SAMPLE LOADING PROBLEM

	Sample Airplane		Your Airplane	
	Weight (lbs)	Moment (lb.-ins. /1000)	Weight ⇩	Moment ⇩
1. Licensed Empty Weight (Sample Airplane)	2763	386.3		
2. Oil - 10 Qts.* (Front Engine)	19	0.8	19	0.8
	19	3.9	19	3.9
3. Pilot & Front Passenger	340	34.7		
4. Rear Passengers (Standard Seating).....	340	47.9		
5. Fuel - (Standard-92 Gal. at 6#/Gal.).. (Auxiliary-36 Gal. at 6#/Gal.)..	552	82.8		
6. Baggage	160	27.2		
7. Total Aircraft Weight (Loaded).....	4193	583.6		

8. Locate this point (4193 at 583.6) on the center of gravity envelope, and since this point falls within the envelope the loading is acceptable.

*Note: Normally full oil may be assumed for all flights.