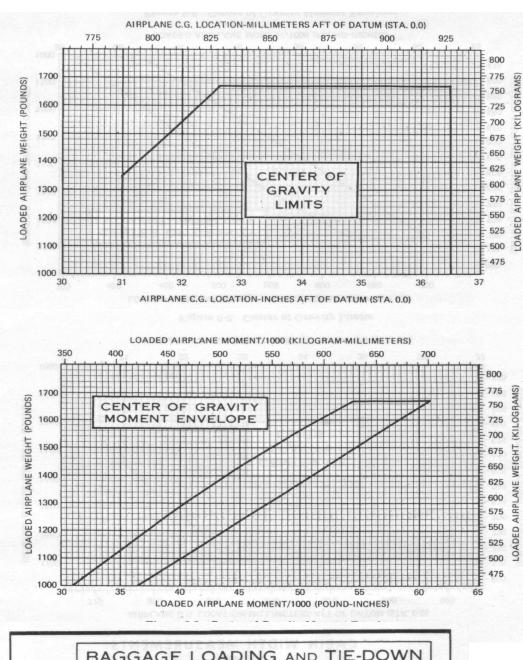
N5144L - Cessna 152

Weight and Balance Worksheet

Aircraft / Equipment Type for VFR FAA Flight Plan: C152/U

PILOT:	FROM:		
DATE:	TO:		
Instructions For Computing C.	.G. Range aı	nd Weight	
 Enter all weights as applicable in the "Weight" column. Multiply each weight by its "Arm" and put the result in t Total the Weight and Moment columns. Divide Total Moment by Total Weight to determine the Verify Total Weight and C.G. fall within the C.G. envel 	he "Moment' C.G. (cente	r of gravity)	
Normal Category (+32.65) to (+36.5) at 1670 lb. (+31.0) to (+36.5) at 1350 lb. or le	988		
GROSS WEIGHT: 1675 LBS	USEFUL LOAD: 456.20 LBS		
TAKEOFF WEIGHT AND BALANCE	Weight (lbs)	x ARM (inches)	= Moment (in-lb)
Licensed Empty Weight:	1218.8	31.0528	37,847
Oil 6 Qts Max, 3 Qts Min (7.5# Gal or 1.875# Qt)	11.25	-14.7	-165.38
Pilot & Front Seat Passenger (Range 33-41)		37	
Fuel 26 Gal Full, 24.5 Gal Useable (6# Gal)		42.2	
Baggage Area #1 (120 lb Max for Areas #1+#2)		64	
Baggage Area #2 (40 lb Max)		84	
TAKEOFF TOTALS			
TAKEOFF CG (Total Moment ÷ Total Weight)	:		:
LANDING WEIGHT AND BALANCE	Weight (lbs)	x ARM (inches)	= Moment (in-lb)
Total Takeoff Weight and Moment (from above)			
- Less Takeoff Fuel Weight and Moment (from above)			
+ Fuel At Landing (6# Gal)		42.2	
LANDING TOTALS			
ANDING CG (Total Moment - Total Weight)			

N4844H - Cessna 152 Weight and Balance



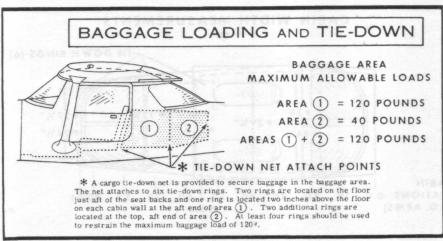


Figure 6-4. Baggage Loading and Tie-Down