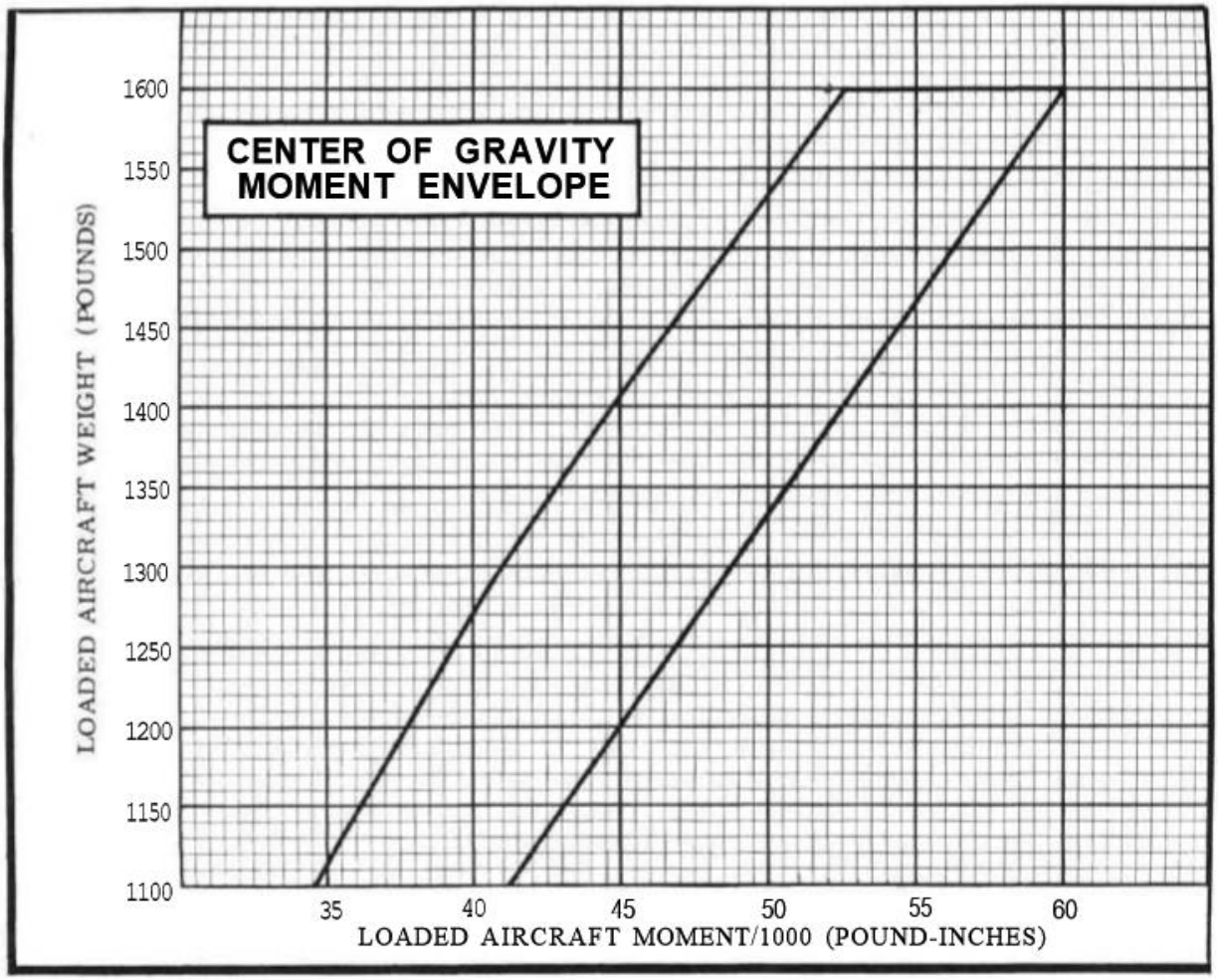
				Weight & Balance Work Sheet			C-150 (Tweety)		
oil	7.5	lbs/gal							
fuel	6	lbs/gal							
Weight x Arm = Moment				Datum line is engine firewall					
				Weight					
Dry weight of plane				1092.0					
Fuel (unusable)		3.5	gal	21.0	included in empty weight				
oil (with filter)		7	qts	13.1	included in empty weight				
		Amount		**Weight**	**X Arm =**		**Moment**		
Empty Weight				1126.1	33.6		37838	Includes unusable fuel + full oil	
Pilot				0.0	37.0		0.0	(center seat position)	
Co-Pilot				0.0	37.0		0.0	(center seat position)	
Baggage (area 1)				0.0	64.0		0.0		
Baggage (area 2)				0.0	84.0		0.0		
Fuel-usable (max 22.5 gal)		14.5	gal	87.0	40.0		3480.0	18 gal total = 14.5 usable	
Fuel (Start/Taxie/Runup)		2	gal	12.0	40.0		480.0	(subtract)	
Take off Weight				1201.1	34.0		40837.8		
							40.8	divided/1000	
Fuel Burn (1 hr)		6	gal	36.0	40.0		1440.0	(subtract)	
Landing Weight				1165.1	33.8		39397.8		
							39.4	divided/1000	
			[Scroll Down]						


CENTER OF GRAVITY
MOMENT ENVELOPE
LOADED AIRCRAFT WEIGHT (POUNDS)
1600
1550
1500
1450
1400
1350
1300
1250
1200
1150
1100
35
40
45
50
55
60
LOADED AIRCRAFT MOMENT/1000 (POUND-INCHES)