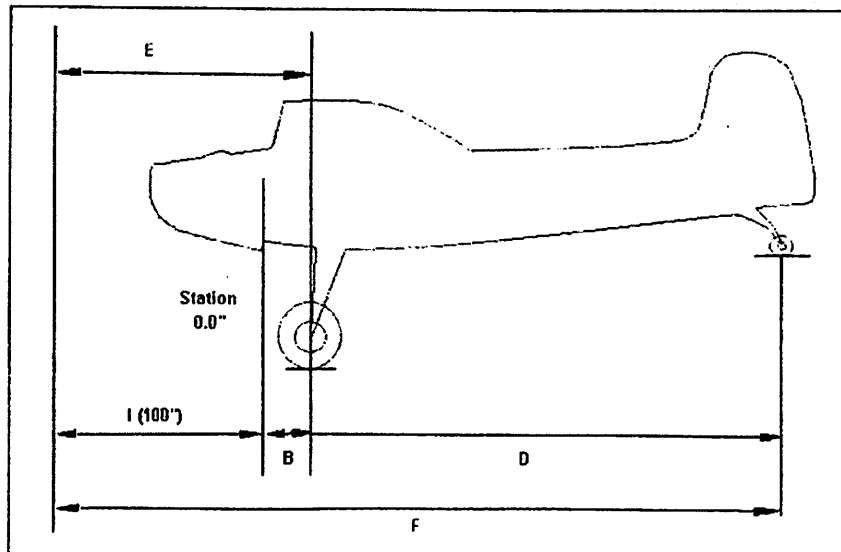


Weight & Balance Data

Make: Cessna Model: L-19 E Serial: 24565
Registration: N4584N

Datum	Firewall		
Design C . G. Range Normal		+37	+40
Design C.G. Range Utility		+32.6	+40
Firewall	Datum Line		
Baggage	100" aft of Datum.		
Fuel	44" aft of Datum		
Pilot	36" Aft of Datum		
Observer	76" Aft of Datum		
Engine Oil	-15" Forward of Datum		



Aircraft weighed in level flight attitude. (includes 10 qts. of oil, No Fuel)

Main wheel, right	B	17.5 aft of datum.	E: 117.5"
Main wheel, left	B	17.5 aft of datum.	B: 17.5"
Tail wheel		248.5 aft of datum.	F=305.4" D-187.9"
			I=(100.0")

DETERMINING EMPTY CG

	Weight	Arm	Moment
Right Wheel -	665	17.5	11638
Left Wheel -	701	17.5	12268
Tail Wheel -	122	248.5	30317
Total:	1488		54222
C.G. =	54222	1488	

36.44 "aft of datum for empty weight CG

James D. Smyth
APR 21 04 205 EA