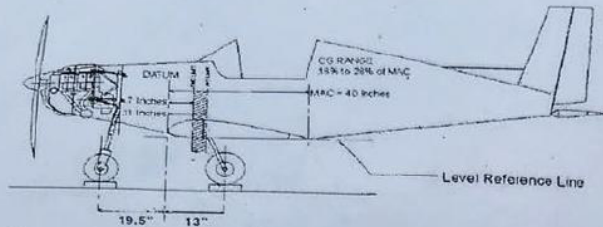


Weight and Balance Calculation sheet

Teenie Two Weight & Balance Report
Registration - N311TS
Serial Number - 16-215



Empty Weight & CG

Item	Weight (lbs)	Arm (inch)	Moment (inch - lbs)	Notes
R. Main	147.0	13.0	1911.0	
L. Main	147.0	13.0	1911.0	
Nose Wheel	124.0	-19.5	-2418.0	
Total:	418.0	3.4	1404.0	With full oil, no pilot & no fuel

Most Aft Weight & CG - Pilot 170 lbs. Minimum fuel

Item	Weight (lbs)	Arm (inch)	Moment (inch - lbs)	Notes
R. Main	262.3	13.0	3409.3	
L. Main	262.3	13.0	3409.3	
Nose Wheel	89.5	-19.5	-1745.3	
Total:	614.0	8.3	5073.3	With full oil, pilot & minimum fuel (4 gal)

Most Forward Weight & CG - Pilot 170 lbs. Maximum fuel

Item	Weight (lbs)	Arm (inch)	Moment (inch - lbs)	Notes
R. Main	275.5	13.0	3581.5	
L. Main	275.5	13.0	3581.5	
Nose Wheel	105.0	-19.5	-2047.5	
Total:	656.0	7.8	5115.5	With full oil, pilot & maximum fuel (11 gal)

Flight Test Weight & CG - Pilot 160 lbs. Maximum fuel

Item	Weight (lbs)	Arm (inch)	Moment (inch - lbs)	Notes
R. Main	271.8	13.0	3532.6	
L. Main	271.8	13.0	3532.6	
Nose Wheel	102.5	-19.5	-1998.8	
Total:	646.0	7.8	5066.75	With full oil, pilot & maximum fuel (11 gal)

Aircraft maximum gross weight (lbs) 670
Useful Payload (lbs) 252
Datum Wing leading edge
Allowable CG range (18% - 28% MAC) 7" - 11" aft of datum
FAA standard pilot weight 170 lbs.
Test pilot weight 160 lbs.
Minimum fuel weight 25 lbs. / 4 gal.
Maximum fuel weight 98 lbs. / 11 gal.

Payload with builder as pilot 228.0
Remaining payload capacity 24.0

Prepared by: [Redacted]

Signature: [Redacted]

Date: 4/6/13

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