

Basic Empty Weight and Balance

Make: Piper Date: March 5, 2022

Model: J3L-65

Serial No: 4140

Weighed By:



 Salvatore O Capra
 A-3220583

Registration No: N26719

Certificate No:

Reaction Wheel Jack Points	Scale Reading	Tare	Net Weight	Arm	Moment
Right Main	361.00	0.00	361.00		
Left Main	365.00	0.00	365.00		
Sub Total	726.00	0.00	726.00	3.00	2178.00
Tail	47.00	0.00	47.00	202.50	9517.50
Total (as weighed)	773.00	0.00	773.00		11695.50
Total Items Table I			0.00		0.00
Total Items Table II			0.00		0.00
Certified Empty Weight			773.00	15.13	11695.50

Table I

Items weighed but not part of aircraft	Weight	Arm	Moment
Aircraft Weighed with Fuel Drained and Full Engine Oil			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
Total	0.00		0.00

Table II

Items not in when weighed	Weight	Arm	Moment
Aircraft Weighed IAW TCDS A-691 Rev:34 and AC43.13 1B Change 1			0.00
			0.00
			0.00
			0.00
			0.00
Aircraft weighed with 2 Jaws Platform scales 9C20, 9DEB and 1 Load cell C00C. Certified and Calibrated 07/12/21, next due 07/12/22			0.00
Total	0.00		0.00

On-Site Weight and Balance
 3751 Airfield Dr West Suite #92
 Lakeland, FL. 33811
 863-206-3991

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"A Balance of Cost and Convenience"

MAX GROSS 1220

USEFUL LOAD 447

IV. - Model J3C-65, L-4H, L-4J (cont'd)

<u>Engine</u>	Continental A-65-1 (See Item 311C for optional engines)
<u>Fuel</u>	73 minimum octane aviation gasoline
<u>Engine limits</u>	For all operations, 2350 r.p.m. (65 hp)
<u>Airspeed Limits (CAS)</u>	Level flight or climb 90 mph (78 knots) Glide or dive 122 mph (106 knots)
<u>Propeller Limits</u>	Static r.p.m. at maximum permissible throttle setting (No additional tolerance permitted): (a) With A-65-1 engine: Not over 2300, not under 1950. (b) With optional engines (Item 311C) and propeller Item 2 or 101: Not over 2300, not under 1950. Diameter: Not over 81 inches, not under 69.7 inches with fixed pitch wood propeller). Not over 74 inches, not under 72 inches with propeller Item 2).
<u>C. G. Range</u>	(+10.6) to (-22.7) See NOTE 3 for restricted limits on certain Serial Nos. below 4500.
<u>Empty Weight C. G. Range</u>	If placard "Solo flying in rear seat only" is installed (See NOTE 2): (+8.5) to (-20.3) When empty weight C. G. falls within range given, computation of critical fore and aft C. G. positions is unnecessary. Range is not valid for non-standard arrangements.
<u>Maximum Weight</u>	Serial Nos. 7842, 7845 through 7883, and 7912 and up are eligible for 1170 lb. maximum weight. These airplanes are also eligible for 1220 lb. maximum weight provided the landing gear is revised in accordance with Piper Dwgs. 31472 and 31423. Serial Nos. prior to 7912, and not listed above, are eligible for 1100 lb. maximum weight. These airplanes are also eligible for 1170 lb. maximum weight provided the lift struts and attachments are revised in accordance with Piper Dwgs. No. 12352, 13233 and 21642 and for further increase to 1220 lb. upon revision of the landing gear in accordance with Piper Dwgs. No. 31472 and 31423. Serial Nos. 10339 and up and 2356-A and up of Model J3C-65 eligible for 1220 lb. maximum weight.
<u>Number of Seats</u>	2 (one at +9 and one at +36)
<u>Maximum Brakes</u>	20 lb. (+49)
<u>Fuel Capacity</u>	12 gallons (-15)
<u>Oil Capacity</u>	1 gallon (-29)
<u>Control Surface Movements</u>	Elevator 34° Up 29° Down Rudder 30° Left 30° Right Aileron 18° Up 18° Down Stabilizer 2.5° Up 4° Down
<u>Serial Numbers Eligible</u>	2325, 2327, 2339, 2340, 2342, 2344, 2345, 2347, 2349, 2351, 2355 and up; 2356-A and up; and 8277-1 through 8277-40.
<u>Required Equipment</u>	In addition to the pertinent required basic equipment specified in CAR 4a, the following items of equipment must be installed: Items 101, 102, 103 and 104(a).