

Builder: Tom Tschantz
Model: Highlander
Gross Weight: 1320lb
CG Range: 9" to 15.5"

Datum: Wing L/E
Date: 4/28/23
Reg: N-835NT
Serial #: JA326-11-13

Empty Weight +CG:

	Weight (lb)	Arm	Weight x Arm	Typical CG (2 pass, min fuel))	Weight (lb)	Arm	Weight x Arm
Left Wheel:	338	-6.5	-2197	Left Wheel:	338	-6.5	-2197
Right Wheel	327	-6.5	-2125.5	Right Wheel	327	-6.5	-2125.5
Tail Wheel:	75	166.5	12487.5	Tail Wheel:	75	166.5	12487.5
Fuel (Mains, 13G per side):	0	13	0	Fuel (Mains, 13G per side):	0	13	0
Fuel (Header, 5G):	0	61	0	Fuel (Header, 5G):	30	61	1830
Pilot:	0	13	0	Pilot:	155	13	2015
Passenger:	0	13	0	Passenger:	155	13	2015
Luggage:	0	55	0	Luggage:	68	55	3740
TOTAL	740	xxx	8165	TOTAL	1148	xxx	17765
CG ((tot WxA)/Tot W)			11.03378378	CG ((tot WxA)/Tot W)			15.47473868

Most Rearward CG (min fuel)

	Weight (lb)	Arm	Weight x Arm	Typical CG (1 pass, min fuel)	Weight (lb)	Arm	Weight x Arm
Left Wheel:	338	-6.5	-2197	Left Wheel:	338	-6.5	-2197
Right Wheel	327	-6.5	-2125.5	Right Wheel	327	-6.5	-2125.5
Tail Wheel:	75	166.5	12487.5	Tail Wheel:	75	166.5	12487.5
Fuel (Mains, 13G per side):	0	13	0	Fuel (Mains, 13G per side):	0	13	0
Fuel (Header, 5G):	30	61	1830	Fuel (Header, 5G):	30	61	1830
Pilot:	155	13	2015	Pilot:	155	13	2015
Passenger:	155	13	2015	Passenger:	0	13	0
Luggage:	68	55	3740	Luggage:	58	55	3190
TOTAL	1148	xxx	17765	TOTAL	983	xxx	15200
CG ((tot WxA)/Tot W)			15.47473868	CG ((tot WxA)/Tot W)			15.46286877

Notes: Zero fuel in mains limits aft CG loading



Jasog Smith, CERT# 3724123