

Aircraft Weight and Balance Revision

Tail Number: N89301		Date: 09/10/2024	
Prepared by: PATTERSON AVIONICS PO BOX 2090 PATTERSON, LA 70392		Work Order No: 8787	
		Type Certificate Data No:	
Aircraft Make: Cessna	Model: 152	Serial No: 15282706	Time:
Registered Owner: Rock Solid Aviation LLC		Address: 4214 Beau Chene Dr Lake Charles, LA 70605-4042	
Maximum Weight 1670.0		CG Range FWD AFT	
As Received; Date of Previous Weight and Balance: 01/31/2021	Useful Load: 528.10	EW: 1141.90	EWCG: 29.5426
Moment: 33734.75			
Notes:			
		Weight	Arm
		Moment	
Cessna Converter Indicator IN-385A		-2.1	13.6
Mid-Continent VOR/LOC & Glideslope Indicator MD200-306		-1.4	13.6
Eco-Aire Directional Gyro 4000B-8		-2.4	14.0
Mid-Continent Attitude Gyro 5000B-36		-1.0	14.0
Cessna Rec-Transmitter		-1.5	13.6
Garmin GTR-205 COM		2.2	13.6
Garmin (2) G-5 HSI Indicator		2.0	17.0
Garmin GMU-11 Magnetometer		0.3	40.0
Garmin GAD-29D Auto Pilot Adapter		0.3	13.6
			0.00
☒ As Calculated ☐ As Weighed	Moment 33633.55 Weight 1133.50	New Empty Weight CG 29.67	
		New Useful Load 536.50	
		Signature Steve Bailey	
		Repair Agency PTSR472J or License No:	

RMS

Resource Maintenance System

Aircraft Weight and Balance

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Serial #: 15282706

Resource: N89301

Model: 152

Location: Spartan

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Who	Date	Total Time	Action	Item	Weight	Arm	Moment
dmiller	Nov 17 2015	13,209.60	Install	Aircraft	1,142.90	29.5000	33,715.55
James	Apr 12 2017	14,076.50	Remove	Vor/Loc & Glideslope Indicator M/	1.40	15.6000	-21.84
Will	May 03 2017	14,104.80	Remove	Starter	9.10	-19.2000	174.72
Will	May 03 2017	14,104.80	Install	Starter	8.10	-19.2000	-155.52
James	Sep 10 2017	14,300.30	Install	MD200-306	1.40	15.6000	21.84

Max	Empty	Useful Load	CG
1,670.00	- 1,141.90	= 528.10	29.5426

TOTAL WEIGHT: 1,141.90

TOTAL MOMENT: 33,734.75

The above removal/installation was performed in accordance with manufacturers specifications and is approved for return to service.

Authorized Signature