

Weight Balance Change

Brandon Feagan		Make	Cessna
A&P 3619887 IA		Model	C-172 N
3380 Shannon Airport Cir		S/N	17273547
Fredericksburg Va, 22408		Reg. #	N969JH
(540) 222-7939		W/O	2018008

EQUIPMENT CHANGE - WEIGHT & BALANCE			
Items: (Description / P/N / S/N)	Weight	Arm	Moments
	Pounds	Inches	Inch/Pounds
Previous Aircraft Empty Weight:	1503.55	39.0663	58738.11
Removed			0
Nose Wheel Fairing	-4	-4.9	19.6
MLG Wheel Fairings	-11.4	60.3	-687.42
Starter P/N: MHB-4016R S/N: D030318	-18	-23	414
Alternator	-10.7	-29	310.3
ELT P/N: EBC-102A S/N: 6997	-1.2	116.5	-139.8
			0
Installed			0
Starter P/N: 149-NL/EC S/N: H-S103380	9.4	-23	-216.2
Alternator P/N: AL24-F60 S/N: H-S102788	9.8	-29	-284.2
ELT P/N: ACK E-04 S/N: 025906	2	116.5	233
Bogert Copper Cables	1	-5	-5
			0
			0
			0
Totals	1480.45		58382.39

(User records the weight & balance info from his current records.)

A. Old Empty Weight	1503.55 Pounds
B. Old Empty CG	39.0663 Inches
C. Old Empty Weight CG Moment	58738.11 Inch/Pounds
D. Max Gross Weight	2300 Pounds
E. Old Useful Load	796.45 Pounds

(The new values are automatically calculated and the results shown below.)

A. New Empty Weight	1480.45 Pounds
B. New Empty CG	39.43557 Inches
C. New Empty Weight CG Moment	58382.39 Inch/Pounds
D. Max Gross Weight	2300 Pounds
E. New Useful Load	819.55 Pounds

**This new weight & balance information superseads all previous weight and balance data.
For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.**

FAA Form 337 Completed?	<u>Y</u>
Equipment List Amended?	<u>N</u>

Brandon Feagan	3/1/2019	3619887	
Authorized Signature	Date	Cert#	Title
Notes:			

Weight and Balance Revision

Shannon Aircraft Service Center	Make	Cessna
David C. Cramer	Model	172N
3380 Shannon Airport Circle	S/N	17268262
Fredericksburg, Virginia 22408	Reg. #	N 733FN
540 373 4431	W/O #	240918-01

Items: (Description / P/N / S/N)	Weight Pounds	Arm Inches	Moments Inch/Pounds
Previous Aircraft Empty Weight:	1467.71	45.57	66887.52
Installed Halon Fire extinguisher.	3	31.5	94.5
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
Totals	1470.71	45.54	66982.02

Previous Aircraft Empty Weight:

A. Old Empty Weight	1467.71	Pounds
B. Old Empty CG	45.57	Inches
C. Old Empty Weight CG Moment	66887.52	Inch/Pounds
D. Max Gross Weight	2300	Pounds
E. Old Useful Load	832.29	Pounds

New Aircraft Empty Weight:

A. New Empty Weight	1470.71	Pounds
B. New Empty CG	45.54	Inches
C. New Empty Weight CG Moment	66982.02	Inch/Pounds
D. Max Gross Weight	2300	Pounds
E. New Useful Load	829.29	Pounds

This new weight & balance information supersedes all previous weight and balance data.
For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.

FAA Form 337 Completed? No
Equipment List Amended? Yes

David C. Cramer
Authorized Signature

9/18/2024
Date

A&P 3306549
Certificate #

Notes:

This revision is based on Weight & Balance data dated September 3, 2021.