

Y

Weight & Balance Change

Christiansen Aviation Inc.	Make	CESSNA
106 West Piper Dr.	Model	172S
Tulsa, OK 74132	S/N	172S9810
	Reg. #	N316AS
	W/O	

EQUIPMENT CHANGE - WEIGHT & BALANCE

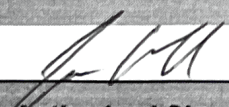
Items: (Description / P/N / S/N)	Weight Pounds	Arm Inches	Moments Inch/Pounds
Previous Aircraft Empty Weight:	1727.4	41.65	71942.54
Removed the following items:			0
Garmin GTX 33 XPDR	-3.6	134	-482.4
			0
Installed			
Garmin GTX 335R G1000 Remote WAAS XPDR	2.7	134	361.8
Garmin GA-35 GPS Antenna	0.47	42	19.74
			0
			0
			0
			0
			0
			0
			0
Totals	1726.97		71841.68

A. Old Empty Weight	1727.4 Pounds
B. Old Empty CG	41.65 Inches
C. Old Empty Weight CG Moment	71942.54 Inch/Pounds
D. Max Gross Weight	2558 Pounds
E. Old Useful Load	830.6 Pounds

A. New Empty Weight	1726.97 Pounds
B. New Empty CG	41.59984 Inches
C. New Empty Weight CG Moment	71841.68 Inch/Pounds
D. Max Gross Weight	2558 Pounds
E. New Useful Load	831.03 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?	Y
Equipment List Amended?	Y

James Orrell  7/12/2019 AP3357020

Authorized Signature

Date

Cert#

Title

Notes:

Weight & Balance Change

Make	CESSNA
Model	172S
S/N	172S8062
Reg. #	N657SP
W/O	10600

EQUIPMENT CHANGE - WEIGHT & BALANCE

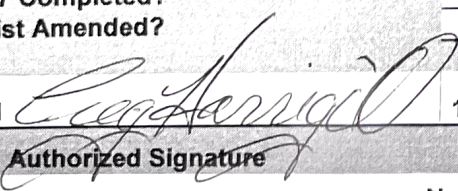
Items: (Description / P/N / S/N)	Weight	Arm	Moments
	Pounds	Inches	Inch/Pounds
Previous Aircraft Empty Weight:	1692.6	39.51	66874.76
Removed the following items:			0
King KT76C XPDR	-2.2	14	-30.8
Trans-Cal SSD 120	-0.625	12	-7.5
Wheel fairings	-16.5	46.1	-760.65
Installed the following items:			0
L3 NGT-9000 XPDR	2.96	14	41.44
ACK A-30.9 Altitude digitizer	0.3	12	3.6
S667-1575-135 WAAS XPDR antenna	0.625	35	21.875
			0
			0
			0
			0
			0
			0
Totals	1677.16		66142.725

A. Old Empty Weight	1692.6 Pounds
B. Old Empty CG	39.51 Inches
C. Old Empty Weight CG Moment	66874.76 Inch/Pounds
D. Max Gross Weight	2558 Pounds
E. Old Useful Load	865.4 Pounds

A. New Empty Weight	1677.16 Pounds
B. New Empty CG	39.43734 Inches
C. New Empty Weight CG Moment	66142.73 Inch/Pounds
D. Max Gross Weight	2558 Pounds
E. New Useful Load	880.84 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? ☒ Y
Equipment List Amended? ☒ Y

Greg Harrigill  1/20/2017 AP3174848

Authorized Signature	Date	Cert#	Title
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Notes:

WEIGHT/BALANCE & EQUIPMENT LIST REVISION 03-MAY-18

PRECISION AVIONICS, INC. - FAA CRS# OQ1R383K

DUTCHESS COUNTY AIRPORT - WAPPINGERS FALLS, NY 12590

GPA Aviation Club Inc.
PO Box 4016
River Edge, NJ 07661-4016

N978FA
CESSNA 172S
S# 172S9078

OLD >	USEFUL LOAD	EMPTY WEIGHT	ARM	MOMENT
	844.40	1713.60	40.79	69890.31

* REMOVED *

KT-76C	TRANSPONDER	-2.40	13.50	-32.40
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* INSTALLED *

GTX-345 WAAS	TPX W/ ADSB	3.20	13.50	43.20
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NEW >	USEFUL LOAD	EMPTY WEIGHT	ARM	MOMENT
	843.60	1714.40	40.77	69901.11

It is the pilot's responsibility to load the A/C properly at all times.
The "OLD" figures were taken from a document dated 15-OCT-08.

CK Glass

THREE CROWN AVIONICS, inc.
C.R.S. # TXXR014L
Sussex Airport, Sussex, NJ 07461

PAGE 1 OF 1

Date 07-31-2020

WEIGHT & BALANCE
SUPPLEMENT TO THE EQUIPMENT LIST

AIRCRAFT MAKE: Cessna MODEL: 172S S/N 172S8031 REG. N490SP

AIRCRAFT PREVIOUS EMPTY WEIGHT 1670.0 AT C.G. 42.4 MOMENT 70757.9
OLD DATA IS OBTAINED FROM WEIGHT RECORDS DATED 07/02/12

ITEM REMOVED	WEIGHT	ARM	MOMENT
Bendix/King KT-76C Transponder	-2.5	11.0	-27.5
Trans-Cal SSD120-30A	-1.0	8.0	-8.0
Bendix/King KLN-94 GPS Receiver	-3.8	11.0	-41.8
Bendix/King KA-90 GPS Antenna	-0.5	40.0	-20.0

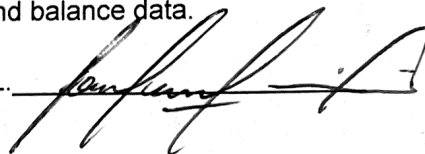
ITEM INSTALLED	WEIGHT	ARM	MOMENT
Garmin GNX 375 GPS WAAS/Transponder	1.7	11.0	18.7
Garmin GAE 12 Encoder	0.0	8.0	0.0
Garmin GA 35 GPS WAAS Antenna	0.6	40.0	24.0

NEW EMPTY WEIGHT **1664.5** AT C.G. **42.5** MOMENT: **70703.3**

AIRCRAFT MAX GROSS WEIGHT 2550.0 lbs.
AIRCRAFT USEFUL NORMAL CATEGORY 885.5 lbs.

It is the pilots or the operators responsibility to insure the proper loading
of this aircraft in accordance with the current weight and balance data.

Authorized Signature for Three Crown Avionics, inc. C.R.S. # TXXR014L.



Weight & Balance Change

Christiansen Aviation Inc. 106 West Piper Drive Tulsa, OK 74132	Make Model S/N Reg. # W/O	Cessna 172R 17280621 N476SP
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EQUIPMENT CHANGE - WEIGHT & BALANCE

Items: (Description / P/N / S/N)	Weight Pounds	Arm Inches	Moments Inch/Pounds
Previous Aircraft Empty Weight:	1668.2	39.07	65183.16
Removed KING KT-76C	-2.4	13.5	-32.4
Removed TRANS-CAL INDUSTRIES SSD120	-0.8	10.9	-8.72
Removed old CI-105 Antenna	-0.2	85.3	-17.06
Removed King KMA 26 Audio Panel	-1.7	14.8	-25.16
			0
Installed L3 NGT-9000 Transponder	2.96	13.5	39.96
Installed S67-1575-135 WAAS XPDR Antenna	0.625	46	28.75
Installed ACK A-30.9 Digitizer	0.3	10.9	3.27
Installed new CI-105 Antenna	0.2	31	6.2
Installed Garmin 340 Audio Panel	1.7	14.8	25.16
			0
			0
			0
			0
			0
Totals	1668.885		65203.16

A. Old Empty Weight	1668.2	Pounds
B. Old Empty CG	39.07	Inches
C. Old Empty Weight CG Moment	65183.16	Inch/Pounds
D. Max Gross Weight	2558	Pounds
E. Old Useful Load	881.8	Pounds

A. New Empty Weight	1668.885	Pounds
B. New Empty CG	39.06989	Inches
C. New Empty Weight CG Moment	65203.16	Inch/Pounds
D. Max Gross Weight	2558	Pounds
E. New Useful Load	889.115	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?	Y
Equipment List Amended?	Y

By: James Orrell	6/28/2017	3357020AP	
Authorized Signature	Date	Cert#	Title
Notes:			