

EQUIPMENT CHANGE - WEIGHT & BALANCE			
REG. NO.	MAKE	MODEL	Serial No.
N1548H	Cessna	177RG	177RG0722
	Weight	CG/Arm	Moments
Aircraft Empty Weight:	0	0	0

Items installed or removed	Weight	Arm	Moment
Nose	450.2	33.5	15081.7
Left main	826.4	124.8	103134.72
Right main	817.5	124.8	102024
Fuel, 31.5 gallons	-189	113.76	-21500.64
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
Totals	1905.1		198739.78

- A. Old Empty Weight
B. Old Empty CG
C. Old Empty Weight CG Moment
D. Max Gross Weight
E. Old Useful Load

0 Pounds
0 Inches
0 Inch/Pounds
2800 Pounds
2800 Pounds

- A. New Empty Weight
B. New Empty CG
C. New Empty Weight CG Moment
D. Max Gross Weight
E. New Useful Load

1905.1 Pounds
104.31987 Inches
198739.78 Inch/Pounds
2800 Pounds
894.9 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?
Equipment List Amended?
Notes

n/a
n/a

Completed by: Graham L Goad
Date 7/26/18

[Signature] 2801174

Aircraft Weight and Balance Revision

Tail Number: N1548H				Date: 06/30/2015						
Prepared by: Aviation Plus LLC				Work Order No:						
				Type Certificate Data No:						
Aircraft Make: Cessna		Model: C177RG		Serial No: 177RG0722		Time:				
Registered Owner: Paul R Orsini				Address:						
Maximum Weight			CG Range		FWD			AFT		
As Received; Date of Previous Weight and Balance: 02/27/2015			Useful Load: 865.53		EW: 1934.47		EWCG: 103.48		Moment: 200170.43	
Notes:										
					Weight		Arm		Moment	
Removed OEM tail beacon light assembly & power supply					-1		289		-289.00	
Installed Whelen 7105500 LED beacon assembly					.52		294		152.88	
Removed OEM wingtips and nav strobe assemblies & strobe power supply and							0.00		0.00	
Installed RMD wingtips and recognition lights & Whelen LED nav/strobe units(total					2.5		111		277.50	
Installed Aero-Trim aileron servo					.5		144		72.00	
Installed Aero-Trim aileron indicator					.5		71		35.50	
					0.00		0.00		0.00	
					0.00		0.00		0.00	
					0.00		0.00		0.00	
					0.00		0.00		0.00	
☒ As Calculated ☐ As Weighed		Moment		200419.31		New Empty Weight CG 103.44		New Useful Load 862.51		
		Weight		1937.49						
Signature 										
Repair Agency 3411885IA or License No:										

Weight / Balance & Equipment List Revision**VIP Aero Instruments and Avionics**

58 Lindbergh Dr.

Hartford, CT 06114 Tel: 860-525-5713

A/C Tail # : N1548H**Register Name :** Paul Orsini**Name 2 :****Address 1 :** 17 Smith Rd.**Address 2 :****City, State, PC :** Goshen, NY 10924**A/C Make :** CESSNA**A/C Model :** 177RG**A/C Serial # :** 177RG0722**WO Ref # :** 20822**WB Date :** Feb-27-2015**WB ID # :** 197

Previous data taken from document dated Oct-22-2012 Previous useful load = 873.00

Model #	Description	(LB / IN) Weight	CG/Arm	Moment
Serial #	Part #			
	Previous data ->	1927.00	103.26	198974.16
REMOVED ITEMS -----				
UPS AT	GPS ANTENNA	-0.30	113.00	-33.90
26382	590-1104			
GPS60	GPS RECEIVER	-4.00	70.00	-280.00
AF11241	6600-02-01			
EA-5174	AIRSPEED IND.	-0.60	73.00	-43.80
6134	EA5174-0105-CES			
GA56	GPS ANTENNA	-0.30	118.00	-35.40
59424208	011-00134-00			
SL15	AUDIO PANEL ICOM MAR	-1.50	72.50	-108.75
H04086-E03857	430-6065-20			
GX60	GPS/COM	-3.10	70.00	-217.00
6029189	430-6050-603			
SL30	NAV/COM	-3.00	70.00	-210.00
6022731	430-6040-300			
MX20	MULTIFUNCTION DISP	-4.80	70.00	-336.00
6025068	430-0270-501			
CI401-31	GPS ANTENNA	-0.30	113.00	-33.90
NONE	CI401-31			
UBG-16	ENGINE ANALYZER	-1.40	74.00	-103.60
075771	UBG-16			
MUX-8A	DATA RECORDER	-0.50	74.00	-37.00
075772	MUX-8A			
FM-OP	OIL PRESS SENSOR	-0.20	73.00	-14.60
077933	FM-OP			
FM-VA-50	VOLT SENSOR	-0.20	73.00	-14.60
077935	FM-VA-50			
KN72-00	VOR/LOC CONVERTER	-1.50	65.00	-97.50
14735	066-4009-00			
A-30	ENCODER	-0.40	67.00	-26.80
33067	A-30			
3000U	SERIALIZER	-0.40	67.00	-26.80
7603	3230015-3			
FN100	COOLING FAN	-0.30	65.00	-19.50
NONE	FN100			
RELAY ASSY	RELAY ASSY	-0.60	70.00	-42.00
NONE	NONE			
C669504-0103	OIL PRESS/FUEL GAUGE	-0.25	74.50	-18.63
NONE	C669505-0103			
CESSNA	CYL TEMP/AMP GAUGE	-0.25	74.50	-18.63
NONE	NONE			
C66905-0101	OIL TEMP/ FUEL GAUGE	-0.25	74.50	-18.63
NONE	C669505-0101			

COPY

Supervised
06/30/2015

Weight / Balance & Equipment List Revision**VIP Aero Instruments and Avionics**

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A/C Tail # : N1548H**Register Name :** Paul Orsini**Name 2 :****Address 1 :** 17 Smith Rd.**Address 2 :****City, State, PC :** Goshen, NY 10924**A/C Make :** CESSNA**A/C Model :** 177RG**A/C Serial # :** 177RG0722**WO Ref # :** 20822**WB Date :** Feb-27-2015**WB ID # :** 197

P1000	ELEC TACH	-1.50	73.50	-110.25
0149102	P100060-868-00			
C613001-0201	AC INVERTER	-0.50	59.00	-29.50
NONE	C613001-0201			
SL70	DIGITAL TRANSPONDER	-2.20	70.00	-154.00
6028771	430-6090-100			
FS450	FUEL FLOW SYSTEM	-0.80	73.00	-58.40
12435	450000-P			
C660501-0101	WET COMPASS	-0.50	84.00	-42.00
NONE	C660501-0101			
21-1000-7	MANIFOLD/FF GAUGE	-1.00	73.00	-73.00
6997	21-1000-7			
CESSNA 177RG	CONTROL WHEEL	-2.60	83.00	-215.80
NONE	CONTROL WHEEL			
REMOVED SUB TOTAL	28 Items @	-33.25	72.78	-2419.98
INSTALLED ITEMS -----				
CI122	COMM ANTENNA	0.75	94.00	70.50
411844	CI122			
CI105	PULSE ANTENNA	0.30	209.50	62.85
70102	CI105			
CI105	PULSE ANTENNA	0.30	210.00	63.00
70101	CI105			
GDL88D	ADS-B TRANSCEIVER	3.87	202.00	781.74
22V001291	011-02371-00			
CI105	PULSE ANTENNA	0.30	68.00	20.40
70708	CI105			
GTX330ES	TRANSPONDER	4.20	70.00	294.00
84148386	011-00455-60			
GA56	GPS ANTENNA	0.30	124.50	37.35
59424208	011-00134-00			
GA35	WAAS GPS ANTENNA	0.50	112.50	56.25
112125	013-00235-00			
GTN750	GPS/NAV/COM	10.20	70.00	714.00
1ZA014457	011-02282-00			
GA35	WAAS GPS ANTENNA	0.50	118.50	59.25
112124	013-00235-00			
GTN650	GPS/NAV/COM	7.60	70.00	532.00
1Z8017249	011-02256-00			
GMA350	AUD/MRK/ICOM Panel	2.40	73.00	175.20
1UF006450	011-02385			
SSD120-30NRS232	ENCODER	0.40	70.50	28.20
18962	SSD120-30NRS232			
MD-90L	CLOCK	0.30	74.50	22.35
F05-10669	MD-90L			
9200-000B	LAND LIGHT CONTROL	0.20	74.00	14.80

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NONE	9200-000B			
9200-000B	LAND LIGHT CONTROL	0.20	74.00	14.80
NONE	9200-000B			
EDM900	ENGINE MONITOR	1.70	73.00	124.10
04492	790000-A-1236			
PAI 700	VERT CARD COMPASS	0.50	84.00	42.00
84893	PAI 700 14V LIGHTED			
FN100	COOLING FAN	0.30	64.50	19.35
NONE	FN100			
RS12-20	RELAY	0.40	69.00	27.60
3639	RS12-020			
CW8001	CONTROL WHEEL	5.50	83.00	456.50
NONE	CW8001			
INSTALLED SUB TOTAL	21 Items @	40.72	88.81	3616.24
NEW DATA >>	NEW USEFUL LOAD = 865.53	1934.47	103.48	200170.43

**Authorized Individual :** CRS# TH5R223N Ed Rowley