

Aircraft Systems
Hanger 532 Airport Rd
Eldon Mo. 65026
573-680-2592
February 25, 2011

Revision To Weight And Balance

Cessna 182L

Serial 18258795

Reg. No. N3495R

<u>Item</u>	<u>Weight</u>	<u>Arm</u>	<u>Moment</u>
Aircraft	1,758.05	35.9	63,031.65

Removed:

Northstar M1 Loran	-4.5	11.0	-49.5
Cessna Nav-Com	-12.0	11.5	-138.0
Narco AT6-A Xpdr	-2.0	14.0	-28.0
AT6-A Remote Unit	-5.7	115.0	-655.5
AT^A Antenna	-0.3	171.0	-51.3
Main Wheel Fairings	-13.0	61.5	-799.5


Installed:

GPS Map 696	2.2	13.0	28.6
PS Eng. PM 1000 II Audio Panel	.75	11.0	8.25
Garmin GTX 327 Transponder	3.0	11.0	33.0
AirGizmo Panel Dock	.55	17.0	9.35

Totals

<u>Item</u>	<u>Weight</u>	<u>Arm</u>	<u>Moment</u>
Aircraft	1,727.05	35.5	61,389.05

MGTOW	2,800		
New Empty Weight	1,727.05		
New Empty Weight CG	35.4		
New Useful Load	1,072.95		


 Dave Salaz
 A&P 3255636

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Cessna 182 L, S/N 18258795, Reg. No. N3495R**

Equipment List

<u>Item</u>	<u>Description</u>	<u>Wt</u>	<u>Arm</u>
001-R	Engine, Continental 0-470-R 430.0	430.0	-17.5
002-R	Propeller, McCauley 2A34C66/90AT-8	52.0	-40.0
003-R	Spinner, Propeller McCauley	4.0	-32.5
005-R	Alternator, 60 Amp. 14 Volt	11.5	-5.5
006-R	Regulator, Alternator, 60 Amp, 14 Volt	1.0	-1.0
007-R	Battery, 12 Volt, 33 Amp. Hour	28.0	116.0
008-R	Filter, Carburetor Air	1.0	-33.0
009-R	Heating System, Cabin and Carburetor Air	18.0	-16.0
010-R	Oil Cooler, Engine (Continental)	5.5	-31.5
011-R	Wheel, Tire and Tube, Brake Assy (two) 6:00X6, 6 Ply Main	30.0	59.0
012-R	Wheel and Tire Assy 5:00x5 6 Ply Nose	12.0	-6.5
013-R	Indicator, Stall Warning Audible	1.0	17.5
014-R	Altimeter	1.5	15.5
015-O	Seat, Adjustable, Pilot	18.0	40.0
016-0	Seat, Adjustable, Co-Pilot	18.0	40.0
017-S	Seat, Rear	25.5	80.5
018-R	Belt, Safety, Pilot	1.0	36.0
019-S	Belt, Safety, Co-Pilot	1.0	36.0
020-S	Belt, Safety, Rear Seat (two)	2.0	71.0
021-O	Paint Scheme, All-over	18.5	95.5
022-R	Gage, Cylinder Head Temp	1.0	11.5
023-R	Gage, Manifold Pressure	1.0	15.0
024-R	Tachometer, Recording	1.5	14.0
025-0	Indicator, True Airspeed	1.0	16.5
026-S	Lights, Landing	2.5	31.0
102-A	Clock, Electric	0.5	16.5
103-A	Controls, Dual (wheels, pedals, toe brakes)	8.0	15.0
108-A	Fairing, Standard Nose Wheel	4.5	-5.0
116-A	Gage, Outside Air Temperature	Negl.	28.5
117-A	Ground Service Plug Receptacle	2.5	-2.0
118-A	Gyros, New Horizon and Directional, Requires Item 147-A	6.5	13.5
123-A	Heating System-Stall Sensor and Pitot	0.5	26.5
127-A	Indicator, Rate of Climb	1.0	15.5
132-A	Light, Flashing Beacon	1.0	253.0
139-A	Priming System, Six Cylinder	1.0	-15.0
145-A	Sun Visors (two)	1.0	33.0
146-A	Tow Bar, Aircraft (stowed)	2.0	97.0
147-A	Vacuum System, Engine Driven	7.0	-0.5


<u>Item</u>	<u>Description</u>	<u>Wt</u>	<u>Arm</u>
148-A	Ventilation System, Rear Seat	2.0	50.5
150-A	Wings, Extended Range	7.0	46.5

Avionics

511A	Headset and Microphone	1.0	18.0
513-A	Filter, Radio (flap Motor)	.5	60.5
514-A	Cabin Speakers (two)	3.0	40.0
1	GPS Map 696	2.2	13.0
2	Narco Mk 12 D Nav/Com	5.2	10.0
3	Narco CP 136 Audio Panel	1.5	13.0
4	PS Engineering PM 1000 Audio Panel	.75	11.0
5	Nav Indicator ID 824	.5	11.0
6	Garmin GTX 327 Transponder	3.0	15.0
7	Stewart Warner Hobbs Meter	.2	17.5
8	Astro Tech Quartz Chronometer	.2	17.5
9	Alcor EGT Indicator	.2	17.5
10	Edo-Aire Mitchell AK-310 Auto Pilot	2.4	14.0
11	1C363-1-197R Servo	2.5	68.0
12	1A526	.25	12.0
13	Cables	.5	34.0
14	ACK E0-1 ELT	3.5	134.0

STC'S

- 1 Bush Conversion-Installation of leading edge cuffs, stall fences, aileron seals, and wing tips.


 Dave Salaz
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