

# Weight & Balance

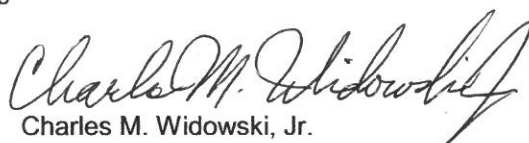
Registration: N182KU      Date: 16-Mar-16

Make: Cessna      Model: 182R      Serial No.: 18267906

	Weight	Arm	Moment
Lt. MLG:	869	58.9	51184.1
Rt. MLG:	846	58.9	49829.4
NLG/TW:	659	-7.1	-4678.9
<b>As Weighed:</b>	<u>2374</u>	<u></u>	<u>96334.6</u>
Main Fuel:	-528	46.5	-24552
Unusable Fuel:	24	48	1152
Oil:	3.75	-15	-56.25
<b>Totals:</b>	<u>1873.75</u>	<u></u>	<u>72934.6</u>

New Empty Wt.: 1873.75  
New Empty Mom: 72934.6  
New EWCG: 38.92  
New Useful Load: 1226.25  
Gross Weight: 3100

The aircraft was weighed with full fuel and 10 quarts of oil.  
Empty weight includes full oil.

  
Charles M. Widowski, Jr.  
A&P/IA 3352309

## Forward CG Extreme Check

N182KU  
Cessna 182R

Forward Limits:  
40.9 at 3100 lbs.  
33.0 at 2250 lbs. or less.  
Straight line variation between points given.

	Weight	Arm	Moment
EW	1873.75	38.92	72934.6
Pilot	170	32	5440
Copilot	170	32	5440
METO Fuel	125	46.5	5812.5
Totals	2338.75		89627.1

Forward Weight 2338.75

Forward CG **38.32**

## Rearward CG Extreme Check

Rearward Limit: 46.0

	Weight	Arm	Moment
EW	1873.75	38.92	72934.6
Pilot	170	50	8500
Pax	170	50	8500
Pax	340	74	25160
Fuel	528	46.5	24552
Baggage	120	108	12960
Baggage	80	136	10880
Totals	3281.75		163486.6

Rearward Weight **3281.75**

Rearward CG **49.82**

Pilot to assure weight and balance is within limits.

  
Charles M. Widowski, Jr.  
A&P/IA 3352309

# EQUIPMENT LIST REVISION

## AERO-PRO AVIONICS

10800 Middle Ave.

Hangar D2

Elyria, OH 44035

Phone/Fax: (440) 458-4206

FAA CRS # OQGR779X

Customer

RK AIR, LLC

Address

11277 TOWNSHIP RD 516, SHREVE, OH 44676

Work Order

A2256

Date

03/16/16

Aircraft Make

Cessna

Aircraft Model

182R

Aircraft S/N

18267906

Registration

N182KU

## INSTALLED EQUIPMENT

MFG	Model Number	Description	Part Number	Serial Number				
Garmin	GTN 750	GPS/Nav/Com	011-02282-00	1ZA017065	0	0	0	0
Garmin	GA 35	GPS Antenna	013-00235-00	120312	0	0	0	0
Garmin	GMA 35	Audio Panel	011-02299-00	1T6007678	0	0	0	0
Garmin	GTX 33	Transponder	011-00779-10	89130584	0	0	0	0
Garmin	GDL 88	ADS-B	011-02369-00	22T004489	0	0	0	0
Garmin	FS 210	BLUETOOTH	011-03257-40	3RE001996	0	0	0	0
ASPEN	EFD 1000	PFD	910-00001-001	22466	0	0	0	0
ASPEN	EFD 1000	MFD	910-00001-001	9810011R	0	0	0	0
ASPEN	RSM	RSM	910-00003-001	201056	0	0	0	0
ASPEN	RSM	RSM	910-00003-002	600045	0	0	0	0
ASPEN	ACU	ACU	910-00004-001	15534	0	0	0	0
MID CONT	MD 93	CLOCK	N/A	N/A	0	0	0	0
TC	SSD120	Encoder	N/A	N/A	0	0	0	0

## REMOVED EQUIPMENT

MFG	Model Number	Description	Part Number	Serial Number				
KING	KMA 24	Audio Panel	066-1055-03	9888	0	0	0	0
KING	KLN 90B	GPS	066-04031-2121	81391	0	0	0	0
KING	KA 91	GPS Antenna	071-01545-0200	11808	0	0	0	0
KING	KX 165	NAV/COM	069-1025-05	P10592	0	0	0	0
KING	KN 64	DME	066-1088-00	25997	0	0	0	0
KING	KT 76A	Transponder	066-1062-00	29849	0	0	0	0
AK	AK 950	SW/ANN	AK 950-KLN90B	96681	0	0	0	0
DC	ISOCOM	Intercom	18486G-01	484033	0	0	0	0
BFG	WX 950	STORM SCOPE	805-10950-001	JCP08701161	0	0	0	0
BFG	NY 163	STORM SCOPE ANT	805-10930-001	JCA08701338	0	0	0	0
TC	D120-P2-T	Encoder	N/A	50844	0	0	0	0
KING	KI 525A	HSI	0966-3046-07	86030	0	0	0	0
KING	KG 102A	GYRO	060-0015-00	41425	0	0	0	0
KING	KA 51B	SLAVE ACC	071-1242-01	26211	0	0	0	0
KING	KMT 112	FLUX DET	071-1052-00	53371	0	0	0	0
ATI	CT60A	CLOCK	N/A	N/A	0	0	0	0
UNITED	7000	VSI	7000	15432	0	0	0	0

Completed By:

Michael W. Berger, Inspector



DATE:

03/16/16

Sample Aircraft Status and Inspection Form

N- 182KU S/N 18267906 AC M/M \_\_\_\_\_

Inspection/Item Pending	Hours/Date	Next Due	
Annual or Progressive Inspection	H.M. 1201.9 TT 1179.5 10-12-2016	10-17	
100 Hour (If required)	N/A	N/A	
Static System Check	03-16	03-18	
Altimeter Check	03-16	03-18	
Transponder Check	03-16	03-18	
ELT Battery	10-12-16	11-18	
Engine	T.T. 328.6	117.4	
Prop	T.T. 814.9	685.1	
MAGS	Inspection Recommended @ 500 hrs T.T. New 7/9/2012 T.T. 328.6	171.4	
AD Number	Description	Hours/Date Completed	Next Due
11-10-09	seat pin engagement seat track wear	H.M. 1201.9 TT 1179.5 10-12-2016	1301.9 H.M. or 10-2017

I certify this information accurately represents the applicable information from this aircraft's maintenance records and that this aircraft and the aircraft records were inspected on this day and determined to be in an airworthy condition.

A&P or IA Name: STEVE TOMPKINS Signature: *Steve Tompkins*

Certificate Number 3696840 Today's Date 10-17-2016

Alternator T.T. 175.2 07-17-2014