





/EAR 20	TOTAL TIME IN  Current Weight and Balance Information								
ATE	SERVICE	Empty Weight	Empty CG	Useful Load	Remarks				
	GTX-327 weight a	FAACRS alled upgraded AAS Antenna. per manufactu and balance re Performed t o) in accordan	RONICS, INC. S JM5R977M  I GNS 430W, Removed RT- rers instru- flects this ransponder ce with FAR	ctions and A( installation test required	CLINTONVILLE, WI 54929  and replaced GA-56 to ader and installed Garmin G 43.13 - 18 & 2A. Revised and entered into aircraft by FAR 91.413(a)(c) and				
	-			END	GIX, S/N 83740385.				
	_								
		The aircraft and with current fee Date 12/1		UUS and was tonna airu	ed and inspected in accordance worthy for return to service				
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YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
8/17/201 - Tach 847	12 N424 17.4 4304.8 A/C		I ]	Cessna R18200345 Aircraf
_ Replace C/W AD8	987-20-03 by Ins	ctor diode. EL isp seats,trac	:L1 inspected IA icks,rollers, stop	gear retarction/extension checks. Charged & service battery.  AW FAR 91.207(d) & found satisfactory.  ps & hdwre.  ccordance with an Annual Inspection and was determined to be in an Airworthy condition.  Signed William Birch A&P 2212988IA
Æ/i7/12	Tech	(247.4	43048	Scats, tracks, kolieis, humbrent of massivement of
				components per AD

YEAR 20	RECORDING TACH TIME	SYSTEM TESTED TO 20 KFT. McH 872. 9	erations
DATE	THE	QUALITY AVIONICS INC. QU8R488X	lumber of ic entries.)
		I certify that the transponder/ altimeter/ encoder/ static system tests 14 CFR Parts 91.411 and 91.413 have been complied with. 14 CFR Pt. 43 Appendix E,Paragraph (C) test has been complied with.	
		Make: Model: S/N Altimeter vniTED 59348-A56 E4987	
		Encoder Ack A-30 27820	
		Transponder 6-44m: 6+ x 327 83740385	
·		W/O No. 1306181 By: 6 May Noteh Date 06-18-2013  Next Test Due: 06-XX-2015 Tail No. N4248C	
		Approved By:FORM 13A (04-29-04)	
- <del></del>	TAC! HOB	Mercer, Pa.16137 Repair Station No. QU8R488X	
	REPLAC IMPERI SEE FO	Approved By:	BERT
	QUALIT GROVE CITY 40 OAKELY MERCER, PA	Y AVIONICS, INC. C.R.S. QU8R488X REGIONAL AIRPORT REGIONAL AIRPORT RELLY DRIVE 10137	
	(724)748-	WO # 1306181 GARY LEE HUTCHINSON JR	
		mm mm	

YEAR 20	RECORDING TACH	TODAY 5	TIME IN	Entries masass	
DATE	TIME	<del> </del>	SERVICE	Technician or Repair Facility. (See See	<b>erations</b> umber of ic entries.)
					0.11103.)
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					,
	TACH HOBB	S TIME 8	72.9	N4248C DATE OC 19 2012	· · ]
	REPLACI IMPERIA	ED COPILOT L EASTMAN	S STATIC SUM P/N 259N04.	IP WITH CESSNA P/N S1258-1, NUT IMPERIAL EASTMAN P/N261N04 AND INSER	г
	OUALIT	'V AVIONIC	'C DIO OD O	NUMBER IN LOG BOOK FOR CERTIFICATION.  5. QU8R488X	
	GROVE CITY 40 OAKELY I MERCER, PA (724)748	KELLY DRIVE	OK!		
		3750	·	WO # 1306181 GARY LEE HUTCHINSON JR	

YEAR 20/3 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs</b> Entries must be endorsed with Name, Rating and Ce Technician or Repair Facility. (See back pages for other	artificate Number of
	Inspected engine cracked static bu and certification. elevator and rudo	removed oi gine for lea fuel inject tton, nipple Installed c ler trim dia effective d	I sample to for k check and co or system by v and elbow an ustomer suppli	Tach. Reads 873.1 hrs., next due by 973.1 hrs. (recurring	light within tail rudder. AD 2011-26-04. Removed cure plumbing for P-SAT test cutting to size for fit around gevery 100 hours.)
	A/C clea and FAR 00. ELT 2015. Re exchange vac pump retraction extension a/c batter airworthy inspected	ned, lub 43 app. checked eplaced in supplied and ext and ext and ext y. Dress y. A/C re- in accor-	ed, and instanced, All AD all iaw FAR right exhausted vac pured by the oversion 4 times and a sed prop. A sed prop	F 4335.3 SLA 30.5 pected iaw the appropriate service manual 3's checked thru 2013-18. C/W AD 11-10-91:207 d, found serviceable. Battery due 9-18t manifold with new from The parts appropriate service service and performed gear mes normal operation and twice emergency derviced brakes with 5606 fluid. Serviced A/C run, taxied, systems checked and found service. I certify that this aircraft has been an annual inspection and found to be in Schiestle IA 2819327	

YEAR 20 <u>/</u> Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
_				.C dba <b>Flying Moose Aviation</b> (HGR 1A4 KPJC)
0//22	/2014 N4248	3C C182R	G Hobbs	s: 2486.7 Tach: 907.8
Cleane	ed all battery t	erminals a	nd battery be	emoved battery, battery corroded and all cells dry. Installed 95290. Serviced and charged battery per Gill Instructions. ox of corrosion and installed new battery. Checked ship voltage muffler pipe. Aircraft returned to service.  Steven C. Hurd, AP2685696
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TACH 2504.1 HR  N4248C  DATE 10-09-2014  UPGRADED MAIN SOFTWARE VERSION \$10 IN GARMIN GNS430W PIN 011-01060-45 \$NN 96307521 PER GARMIN SERVICE BULLETIN NO. 1401 REV A DATED FEBRUARY 6. 2014.  INSTALLED NEW FLICHT MANUAL SUPPLEMENT PIN 190-0035-63 REV A DATED APRIL 2014 IN AIRCRAFT.  INSTALLED GARMIN 1.00 INGRADES SUPPLEMENT PIN 190-0035-63 REV A DATED APRIL 2014 IN AIRCRAFT.  INSTALLED GARMIN 1.00 UNEX REFERENCE PIN 190-0035-63 REV H DATED 2014 IN AIRCRAFT.  INSTALLED GARMIN 9.00W SERIES PHLOTS GUIDE AND REFERENCE PIN 190-0035-60 REV H DATED 2014 IN AIRCRAFT.  UPGRADED GPS SOFTWARE VERSION 5.00 IN GARMIN GNS430W P/N 011-01060-40 \$NN 96307521 PER GARMIN SERVICE BULLETIN NO. 1315 REV A DATED APRIL 2014 IN AIRCRAFT.  UPGRADED GPS SOFTWARE VERSION 5.00 IN GARMIN GNS430W P/N 011-01060-40 \$NN 96307521 PER GARMIN SERVICE BULLETIN NO. 1315 REV A DATED APRIL 2014 IN AIRCRAFT.  UPGRADED GPS SOFTWARE VERSION 5.00 IN GARMIN GNS430W P/N 011-01060-40 \$NN 96307521 PER GARMIN SERVICE BULLETIN NO. 1315 REV A DATED APRIL 2014 IN AIRCRAFT.  UPGRADED GPS SOFTWARE VERSION 5.00 IN GARMIN GNS430W P/N 011-01060-40 \$NN 96307521 PER GARMIN SERVICE BULLETIN NO. 1315 REV A DATED APRIL 2014.  INSTALLED NEW INSTRUCTIONS FOR CONTINUED AIRWORTHINESS P/N 190-00356-65 REV C SECTION 2.5.4 NEXT CHECK DE LOOK OF THE CONTINUED AIRWORTHINESS P/N 190-00356-65 REV C SECTION 2.5.4 NEXT CHECK DIE WITHIN 12 CALENDAR MOST IN JECUTIONS FOR CONTINUED AIRWORTHINESS P/N 190-00356-65 REV C SECTION 2.5.  INSTALLED PLACARD STATING "GPS APPROVED FOR FEW LOCK ONLY" ON PANIL PLACARD TO BE REMOVED AFTER A FLIGHT CHECK IS PERFORMED AND RECORDED POR FEW USE ONLY" ON PANIL PLACARD TO BE REMOVED AFTER A FLIGHT CHECK IS PERFORMED AND RECORDED ONLY FEW USE ONLY "ON PANIL PLACARD TO BE REMOVED AFTER A FLIGHT CHECK IS PERFORMED AND RECORDED ONLY FEW USE ONLY "ON PANIL PLACARD TO BE REMOVED AFTER A FLIGHT CHECK IS PERFORMED AND RECORDED ONLY FEW USE ONLY "ON PANIL PLACARD TO BE REMOVED AFTER A FLIGHT CHECK IS PERFORMED AND RECORDED ONLY "ON PANIL PLACARD TO BE REMOVED AFTER	YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tes</b> Entries must be endorsed with Name, R Technician or Repair Facility. ( <i>See</i> back	
INSTALLED GARMIN 3.10 UPGRADE SUPPLEMENT P/N 190-00356-31 REV A DATED APRIL, 2014 IN AIRCRAFT.  INSTALLED GARMIN 400W SERIES QUICK REFERENCE P/N 190-00356-01 REV H DATED 2014 IN AIRCRAFT.  UPGRADED GPS SOFTWARE VERSION 5.00 IN GARMIN GNS430W P/N 011-01060-40 S/N 96307521 PER GARMIN SERVICE BULLETIN NO. 1315 REV A DATED APRIL 30, 2013.  INSTALLED NEW INSTRUCTIONS FOR CONTINUED AIRWORTHINESS P/N 190-00356-65 REV C DATED 02-28-2013. FOR DETAILS SEE FORM 337 THIS DATE.  PERFORMED BONDING CHECK PER GARMIN 400W SERIES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS P/N 190-00356-65 REV C SECTION 2.5 A NEXT CHECK  DUE 2000 HR OR 10 YEARS FROM THIS DATE AND TIME. JENOT COMPLED WITH GNS 430 FOR VER OPERATION ONLY.  PERFORMED PERIODIC MAINTENANCE INSTRUCTIONS PER 400 SERIES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS P/N 190-00356-65 REV C SECTION 2.5 NEXT CHECK DUE WITHIN 12 CALENDAR MONTHS. JENOT COMPLED WITH GNS 430 POPERATION IS NOT PERMITTED.  INSTALLED PLACARD STATING "GPS APPROVED FOR VFR USE ONLY" ON PANEL. PLACARD TO BE REMOVED AFTER A FLIGHT CHECK IS PERFORMED AND RECORDED PER GARMIN MANUAL 190-00356-02 REV J DATED JANUARY 2014.  UALLITY AVIONICS, INC. C.R.S. QUBR488X OAKLEY RELY DRIVE  BREER PA 16137  UALLITY AVIONICS, INC. C.R.S. QUBR488X  OAKLEY KELY DRIVE  BREER PA 16137	UPGRAD 2014. INSTALLED NE	DED MAIN SOFTWAR	RE VERSION 5.1 L SUPPLEMEN	0 IN GARMIN GN	N4248C 18430W P/N 011-01060-45 S/N 96307521 PER GARMIN SERVICE E	
PERFORMED BONDING CHECK PER GARMIN 400W SERIES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS P/N 190-00356-65 REV C SECTION 2.5.4 NEXT CHECK PERFORMED PERIODIC MAINTENANCE INSTRUCTIONS PER 400 SERIES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS P/N 190-00356-65 REV C SECTION 2.5.4 NEXT CHECK NEXT CHECK DUE WITHIN 12 CALENDAR MONTHS. IF NOT COMPLIED WITH GNS 430 OPERATION IS NOT PERMITTED.  INSTALLED PLACARD STATING "GPS APPROVED FOR VFR USE ONLY" ON PANEL. PLACARD TO BE REMOVED AFTER A FLIGHT CHECK IS PERFORMED AND RECORDED  PER GARMIN MANUAL 190-00356-02 REV J DATED JANUARY 2014.  PUALITY AVIONICS, INC. C.R.S. QUBR488X OVECTIV REGIONAL AIRFORT OAKLEY KELLY DRIVE BEGER PA 16137  CALIFORNIA OF THE CONTRACT OF THE PROPERTY OF THE PROPE	INSTALLED GA INSTALLED GA UPGRADI	ARMIN 400W SERIES ARMIN 400W SERIES ED GPS SOFTWARE	QUICK REFER PILOT'S GUID VERSION 5.00	ENCE P/N 190-003 E AND REFERENG IN GARMIN GNS4	7 REV A DATED APRIL, 2014 IN AIRCRAFT. 156-01 REV H DATED 2014 IN AIRCRAFT. CE P/N 190-003560-00 REV J DATED JANUARY 2014 IN AIRCRA 30W P/N 011-01060-40 S/010620550 PND AVECTOR IN AIRCRA	
NEXT CHECK DUE WITHIN 12 CALENDAR MONTHS. IF NOT COMPLIED WITH GNS 130 OPERATION IS NOT PERMITTED.  INSTALLED PLACARD STATING "GPS APPROVED FOR VFR USE ONLY" ON PANEL. PLACARD TO BE REMOVED AFTER A FLIGHT CHECK IS PERFORMED AND RECORDED  WALLITY AVIONICS, INC. C.R.S. QU8R488X OVE CITY REGIONAL AIRPORT OAKLEY KELLY DRIVE RICER PA 16137  24)748-5750  WO # 1409303  GARY LEE HUTCHINSON JR	PERFORM DUE 2000 HR O	MED BONDING CHECOR 10 YEARS FROM	CK PER GARMI THIS DATE AN	N 400W SERIES II ND TIME. <u>IF NOT</u>	NSTRUCTIONS FOR CONTINUED AIRWORTHINESS P/N 190-00.  **COMPLIED WITH GNS 430 FOR VFR OPERATION ONLY.**	AILS SEE FORM 337 THIS DATE.  356-65 REV C. SECTION 2.5.4 NEVE CHARAC
QUALITY AVIONICS, INC. C.R.S. QU8R488X OAKLEY KELLY DRIVE ERCER, PA 16137 724)748-5750  WO # 1409303  GARY LEE HUTCHINSON JR	NEXT CHECK	DUE WITHIN 12 CA	NTENANCE INS ALENDAR MON	TRUCTIONS PER NTHS. <u>IF NO</u> T CO	400 SERIES INSTRUCTIONS FOR CONTINUED AIRWORTHINE	SS P/N 190-00356-65 REV C SECTION 2.5 IT CHECK IS PERFORMED AND RECORDED
GARY LEE HUTCHINSON JR	UALITY AVION OVE CITY REGIONAL AI OAKLEY KELLY DRIVE ERCER, PA 16137	NICS, INC. C.R.S JRPORT	5. QU8R488X	(		
	24)/48-3/30		WO # 1409	9303		

AR TE	RECORDING TACH TIME	TODAY'S FLIGHT		<b>Description of Inspections, Tests, Repairs and Alteration</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)				
·	71	<u>-</u>						
A1	Cessna Textron Company Pre	mier Aviati	on Services, LL	.C - dba <b>Flying Moose Aviation</b> (HGR 1A4 KPJC)				
_ 10	0/21/2014	N4248C	Cessna R182					
wa che pu em Cap roll Cor	as inspected. A ecked. Service imp with hydranergency gear p sealing instalers, washers, mplied with IC mplied with pe	Airframe wa ed master be oulic fluid 56 down exten lled. Compl locking pins A on standb r Zook aviat	s lubed per marake cylinders.  O6. Performed sion system. Colling with AD 20 and seats per lay vacum system ion. The AD Toologs is larger to t	ELT IAW FAR 91.207 (d), operational check good. ELT battery ue June 2015. Wheel bearings inspected and greased. Battery anufactures inspection lubrication chart. Tire pressure's Inspected control cables and tensions. Serviced hydraulic gear digear retraction and inspection. (4 cycles) Performed Complied with AD-83-13-01 by visual inspection, placard Fuel 111-10-09 by visual and dimensional inspection of seat tracks, Para G. Next due at 1024.4 Installed new instrumennt filter m with report 08072 Precise Flight SVS V instructions. All AD's 100 Box 10-2014. I certify that this airframe has been Inspected and has been determined to be in airworthy condition.  Steven C. Hurd, A&P2685696	•			

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alteratio</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
-			INS	RTIFY THAT THIS AIRCE WITH AN ANNUAL PECTION AND WAS DETERMINED TO BE IN CONTINUE.
			LYN	MW FORD 1020 459511A
	N4248C Bun Air V	N/O 1126	1	ssna R182 SER#R18200345 Tach: 932.9
	per the (J	the pilot l) instructi pper	's seat to C/N	N SEB07-5 R5 Pilots side secondary seat. Installed Kit SK210-174B  Reinstalled the seat. Op's good
	per the (J	the pilot I) instructi	s seat to C/Nion of the kit	W SEB07-5 R5 Pilots side secondary seat. Installed Kit SK210-174B  Reinstalled the seat. Op's good  A&P522199032
	per the () Kirk Knep	the pilot	s seat to C/Vion of the kit	and the seat. Op s good
	per the (. Kirk Knep	d the pilot  I) instructi  pper	's seat to C/V	and the seat. Op's good
	per the (.  Kirk Knep	d the pilot  I) instructi  pper	's seat to C/V	and the seat. Op's good
	per the ( Kirk Knep	d the pilot  I) instructi  pper	's seat to C/V	and the seat. Op s good
	per the (.  Kirk Knep	d the pilot  I) instructi  pper	's seat to C/N	and the seat. Op s good

DATE  CessTa Aneuton Company  Premier Aviation Services, LLC - dba Flying Moose Aviation (HGR 1A4 KPJC)  04/22/2015 N4248C Cessna R182 s/n R18200345 Tach: 945.4 hobbs: 2528.3  Jacked acft and inspected landing gear system. Relay tested good. Inspected nose gear squat switch and found wires from switch cut by gear mount. Repaired wires and tested gear retract system, tested good and cycled gear several times. Replaced 6 static wicks on acft, pn ESD-1. Removed ADF unit, high voltage light with correct part pn S2519-2. Replaced 2 panel lamps pn GE1820. Repostioned JPI 800 so visable to pilot. All systems tested good and acft retturned to service this date. /——END——/  Steven Hurd, AP2685696	20	RECORDING TACH	TODAY'S FLIGHT	TOTAL	Description of Lispections, Tests, Repairs and Alter	1
Premier Aviation Services, LLC - dba <b>Flying Moose Aviation</b> (HGR 1A4 KPJC)  04/22/2015 N4248C Cessna R182 s/n R18200345 Tach: 945.4 hobbs: 2528.3  Jacked acft and inspected landing gear system. Relay tested good. Inspected nose gear squat switch and found wires from switch cut by gear mount. Repaired wires and tested gear retract system, tested good and cycled gear several times. Replaced 6 static wicks on acft, pn ESD-1. Removed ADF unit, high voltage light with correct part pn S2519-2. Replaced 2 panel lamps pn GE1820. Repostioned JPI 800 so visable to pilot. All systems tested good and acft retturned to service this date. /END/	DATE				Deting and Cartificate Name	atie Bar
Premier Aviation Services, LLC - dba <b>Flying Moose Aviation</b> (HGR 1A4 KPJC)  04/22/2015 N4248C Cessna R182 s/n R18200345 Tach: 945.4 hobbs: 2528.3  Jacked acft and inspected landing gear system. Relay tested good. Inspected nose gear squat switch and found wires from switch cut by gear mount. Repaired wires and tested gear retract system, tested good and cycled gear several times. Replaced 6 static wicks on acft, pn ESD-1. Removed ADF unit, high voltage light with correct part pn S2519-2. Replaced 2 panel lamps pn GE1820. Repostioned JPI 800 so visable to pilot. All systems tested good and acft retturned to service this date. /END/		74				ic
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Jacked acft and inspected landing gear system. Relay tested good. Inspected nose gear squat switch and found wires from switch cut by gear mount. Repaired wires and tested gear retract system, tested good and cycled gear several times. Replaced 6 static wicks on acft, pn ESD-1. Removed ADF unit, high voltage light with correct part pn S2519-2. Replaced 2 panel lamps pn GE1820. Repostioned JPI 800 so visable to pilot. All systems tested good and acft retturned to service this date. /END/					""""±0200343   3ch 0/8 /	_
IN-346A sn 22031, reciever R-546E sn 19877 and long wire antenna. Negligible weight change. Replaced 800 so visable to pilot. All systems tested good and acft retturned to service this date. /END/	Jacke	ed acft and ins	pected lan	nding gear sv		_
IN-346A sn 22031, reciever R-546E sn 19877 and long wire antenna. Negligible weight change. Replaced 800 so visable to pilot. All systems tested good and acft retturned to service this date. /END/	and f	ound wires fro	m switch	cut by gear	mount. Renaized wires and Inspected nose gear squat switch	
high voltage light with correct part pn S2519-2. Replaced 2 panel lamps pn GE1820. Repostioned JPI  800 so visable to pilot. All systems tested good and acft retturned to service this date. /END/	goou	and cycled pa:	ar countral	*i	the said lested gear retract system	
soo so visable to pilot. All systems tested good and acft retturned to service this date. /END/	114-7-6	OA SN ZZU31. N	Priever D.	CACE 4 DOG	- Kemoved ADE	
END/	200 cc	oitage light w	ith correct	t part pn S25	19-2. Replaced 2 panel lamps on Colors	-
Steven Hurd, AP2685696  Steven Hurd, AP2685696	500 30	visable to pile	ot. All sy	stems tested	good and acft retturned to any in GE1820. Repostioned JPI	<b>5</b> %
Steven Hurd, AP2685696	•					
	_<	THE !			to service this date. /END/	
	<	SHI	///	4	to service this date. /END/	
	<	SHI			to service this date. /END/	_
		SH 1			to service this date. /END/	_
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					to service this date. /END/	

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YEAR 20 \_/ Date

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## N4248C

# Inspections, Tests, Repairs and Alterations dorsed with Name, Rating and Certificate Number of air Facility. (See back pages for other specific entries.)

TFR

SCALE CO	PRECTIONS		ALTIME	TER NO. 🟉 🖊
VHITED	ADD Algebraically		5434 f	E4987
Altimerer Reads	Room Temp. OC	75	Altimeter Reads	Room Temp. OC
-1,000	t20		18,000	750
0	U <b>-</b>		20,000	+30
1,000	-10		25,000	\ /
2,000	-U-		30,000	
3,000	-0-		35,000	
4,000	-10		40,000	$\overline{}$
6,000	+30		45,000	
8,000	+60		50,000	
10,000	+60		60,000	
12,000	+70		70,000	/
14,000	+60		80,000	7
16,000	+ 70			DPM 40

FORD CO. LW6R186J McVILLE AIRPORT FREEPORT, PA 16229

APPROVED BY

W/O 750705

CO 2454850

meter/encoder/static 3 have been complied aph (c) test has been ASC E4987

27820
7 837 40385
S/N.

-2017 FORM 1 0 2484880 kg

e JULY 09, 2015

N4248C

DATE	TIME	SERVICE	nspections, Tests dorsed with Name, Rat Technician or Repair Facility. (See back page)	, Repairs and Alterating and Certificate Number ages for other specific entr
		system tests. FAF with. FAR Pt. 43 complied with. Altimeter UNIT Encoder ACK Transponder G Mak W/O#/Sc 205 Next Test Due	the transponder/altimeter/encoder/static Pt. 91.411 and 91.413 have been complied Appendix E, Paragraph (c) test has been RPP S934P AS6 E4987  ABO 27820  AEMIN GTX 377 8274-327	TFR

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Premier Aviation Services, LLC - dba <b>Flying Moose Aviation</b> (HGR 1A4 KI 11/18/2015 N4248C Cessna R182 s/n R18200345 Tach: 967.4 AFTT: 4424.8 Performed Annual inspection of airframe IAW Cessna R182 service manual section 2, inspection checklist. Inspected ELT IAW FAR 91.207 (d), operational check good. Installed new ELT battery, EL battery due JAN 2018. Pitot static system check due July 2017. Serviced battery. Jacked acft and inspected landing gear system. Relay tested good. Inspected nose gear squat switch. Cycled gear times and tested emergency down function. Complied with AD 2014 40 cests in the control of the	
Performed Annual inspection of airframe IAW Cessna R182 service manual section 2, inspection battery due JAN 2018. Pitot static system check due July 2017. Serviced battery. Jacked acft and inspected landing gear system. Polywhered.	
Performed Annual inspection of airframe IAW Cessna R182 service manual section 2, inspection battery due JAN 2018. Pitot static system check due July 2017. Serviced battery. Jacked acft and	
Performed Annual inspection of airframe IAW Cessna R182 service manual section 2, inspection battery due JAN 2018. Pitot static system check due July 2017. Serviced battery. Jacked acft and	i John
SVS V Instructions. All ADs complied with ICA Garmin 430 WAAS and Standby vacuum system Precise Flight Repaired connection of EDM 800 MP switch to MP guage. I certify that this airframe has been Inspired connection of EDM 800 MP switch to MP guage. I certify that this airframe has been Inspired connection of EDM 800 MP switch to MP guage. I certify that this airframe has been Inspired condition.	n, next ght
Steven Hurd, A&P2685696IA	
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EAR D / (C) ATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alteratio</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
<u></u>		<u> </u>	l —	
	Cessna A Textron Company Pre	emier Avia	tion Service	es, LLC dba Flying Moose Aviation (HGR 1A4 KPJC)
	09/02/2016 N	14248C C-	-R182 / Lyco	oming 0-540 TACH: 1008.0
1	Replaced Right	main tire	with Goody	ear Flight Custom III sn 61652005. 15X6.00x6. Pressure set to 60 psi.
	Acft returned to			
	5.7		// 1	A&P2685696
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YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alteration</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.
AR	Cessna extron Company Pren	nier Aviati	ion Services	, LLC - dba <i>Flying Moose Aviation</i> (HGR 1A4 KPJC)
12	/01/2016 N	4248C	Cessna R	182 s/n R18200345 Tach: 1018.7 AFTT: 4476.1
Pe	rformed Annua	l inspection	n of airfram	e IAW Cessna R182 service manual section 2, inspection checklist.
Pe Ins	rformed Annua	l inspection / FAR 91.2	n of airfram 07 (d), oper	e IAW Cessna R182 service manual section 2, inspection checklist. ational check good. ELT battery due JAN 2018. Pitot static system
Pe Ins	rformed Annual spected ELT IAW eck due July 200	l inspection FAR 91.20	n of airfram 07 (d), open d battery. J	e IAW Cessna R182 service manual section 2, inspection checklist. ational check good. ELT battery due JAN 2018. Pitot static system lacked acft and inspected landing gear system. Relay tested good.
Pe Ins	rformed Annual spected ELT IAW eck due July 200	l inspection FAR 91.20	n of airfram 07 (d), open d battery. J	e IAW Cessna R182 service manual section 2, inspection checklist. ational check good. ELT battery due JAN 2018. Pitot static system
Pe Ins ch	rformed Annual spected ELT IAW eck due July 203 spected nose ge	l inspection V FAR 91.20 17. Service Par squat so	n of airfram 07 (d), oper d battery. J witch. Cycle	e IAW Cessna R182 service manual section 2, inspection checklist. ational check good. ELT battery due JAN 2018. Pitot static system lacked acft and inspected landing gear system. Relay tested good.
Pe Ins ch Ins wh	rformed Annual spected ELT IAW eck due July 201 spected nose ge neel bearings an	l inspection  / FAR 91.20  17. Service  rar squat so  nd set tire p	n of airfram 07 (d), oper d battery. J witch. Cyck pressure. R	e IAW Cessna R182 service manual section 2, inspection checklist. ational check good. ELT battery due JAN 2018. Pitot static system lacked acft and inspected landing gear system. Relay tested good. ed gear 3 times and tested emergency down function. Greased all
Pe Ins ch Ins wh	rformed Annual spected ELT IAW eck due July 201 spected nose geneel bearings an visual inspectio	I inspection I FAR 91.20 IT. Service Par squat so It is set tire pon, next du	n of airfram 07 (d), open d battery. J witch. Cycle pressure. Re e at tach 11	e IAW Cessna R182 service manual section 2, inspection checklist. ational check good. ELT battery due JAN 2018. Pitot static system lacked acft and inspected landing gear system. Relay tested good. ed gear 3 times and tested emergency down function. Greased all eplaced induction filter BA-2505. Complied with AD 2011-10-09R1
Pe Ins ch- Ins wh by sys	rformed Annual spected ELT IAW eck due July 201 spected nose geneel bearings an visual inspection stem Precise Fligorians	I inspection I FAR 91.20 I7. Service Par squat so Id set tire poin, next du Ight SVS V I	n of airfram 07 (d), open d battery. J witch. Cycle pressure. Ro e at tach 11 instructions	e IAW Cessna R182 service manual section 2, inspection checklist. ational check good. ELT battery due JAN 2018. Pitot static system lacked acft and inspected landing gear system. Relay tested good. ed gear 3 times and tested emergency down function. Greased all eplaced induction filter BA-2505. Complied with AD 2011-10-09R1 18.1. Complied with ICA Garmin 430 WAAS and Standby vacumm

\_\_\_ Steven Hurd, A&P2685696IA

MODEL 20 R182 FLYING MOOSE AVIATION DATE SERIAL# DAT R18200345 3/3/17 **470 TASA DRIVE** REG# TACH: N4248C **ZELIENOPLE PA 16063** 1045.1 HOBBS; 2640.9 AIRFRAME LOGBOOK INSERT Removed seat belts from acft. Installed BAS inertia reel shoulder harness system. See FAA form 337 dated 3/3/17. Removed prop control cable and installed new prop cable p/n MC345-085-5 and rod end p/n MC5S1104-3. Installed MaxPulse light controller p/n 9200-000-B, see FAA form 337 dated 3/3/17. Aircraft returned to service. The aircraft, and/or component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this maintenance facility. Steven Hurd AP2685696IA Premier Aviation Services, LLC - dba Flying Moose Aviation (HGR 470 KPJC) 05/13/2017 N4248C Cessna R182 Tach: 1081.6 Hobbs: 681.5 Removed nose wheel and balanced, serviced nose strut and shimmy damper with hydraulic fluid 5206. Corrected pilot seat belts, inspected fuel Steven C. Hurd, A&P2685696

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
_		٠.	Flying	Moose Aviation (HGR 470 KPJC)
06/09/2	017 N4248C	C182R6	sn R1820	00345 Hobbs: 2706.4 Tach: 1104.3
installed tube, che	new Whelen s	trobe flash Il work don	un201/ fro tube, p/n A	pump and installed new electric fuel pump from Cessna, p/n om Textron aviation Inc. Right side strobe flash tube inoperative, M427, 28volt. Operational check of electric fuel pump and flash ance with Cessna R182 maintenance service manual. Aircraft
_	to service. /			——END———/
	- / lly -			Ben Kristophel, AP2833711
485 Ai	uest Aviati rport Road PA 16002	on		AIRQUEST
Date: 6/ Shop Or	06/2017; Aircraf der #: 17-2810	t: N4248C; <sup>-</sup>	Гуре: 182R; S	S/N: R18200345
AIRFRAI 1.) Rep	ME: laced deteriorate	ed baffling w	ith new P/N:	VSR3 as required. Work done as per Cessna R182 maintenace manual section 17.
The Aircr Approved	raft and/or Comp d for Return to S	onent Ident	ified above wa nent Details o	as Inspected and/or Repaired in Accordance with Current FAA Regulations and is of the Inspection / or Repair are on File at this Repair Station.
Authorize	ed Signature	My -	Mir	Matt Steele, AirQuest Aviation CRS # Q3ER924K

YEAR 20 DATE

RECORDING TACH TIME

TODAY'S **FLIGHT** 

TOTAL TIME IN SERVICE

**Description of Inspections, Tests, Repairs and Alterations** 

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

### AirQuest Aviation

485 Airport Road Butler, PA 16002

Date: 5/26/2017; Aircraft: N-1248C; Type: 182R; S/N: R18200345 Shop Order # 17-2796

360

### AIRFRAME:

- 1.) Removed and replaced gear up light bulb with new p/n 327. Work done in accordance with Cessna R182 Maintenance Manual
- 2.) Adjusted pilots door linkage. Ops check good. Work done in accordance with Cessna R182 Maintenance Manual section 3.

The Aircraft and/or Component Identified above was Inspected and/or Repaired in Accordance with Current FAA Regulations and is Approved for Return to Service. Pertinent Details of the Inspection / or Repair are on File at this Repair Station.

Authorized Signature \_

Matt Steele. AirQuest Aviation CRS # Q3ER924K



Premier Aviation Services, LLC - dba Flying Moose Aviation (HGR 1D1- KPJC)

09/16/17 N4248C C-R182 Lycoming IO-540-J3C5D sn L-19692-40A Tach: 1132.6

Complied with Lycoming SB 632 and FAA AD 17-16-11. No further action required due to serial number of engine and manufature date. Engine returned to service. /-----END------/

Steven Hurd, AP2685696IA

ALTIMETED NO	SERIAL NO	1814	Room Temp.	J.	06061	16090	19075					>						02-11-2009				X88		
	MODEL	11.51.5	Altimeter	14 000	14,000	16,000	18,000	20,000	25,000	30,000	20,000							Form No. 12A	lested by: 1/20.	W/O No VOW	**************************************	Copan Station No. QUSK488X	1	
SCALE CORRECTIONS	ALGEBRAICALLY	Room Temp	° C		01+	_		1010	1515	2015	7000		2010	6035	9000	10.00	7000	1.		t	137 Renoir C	C libyan	1564 10	248C
SCAL	MAKE	Altimeter	Reads	-1,000	0	505	1 000	1,000	1,500	2,000	3,000	4 000	000,1	6,000	8,000	10,000	12,000	OUALITY A		<b>Grove City Airport</b>	Mercer, Pa. 16137	Approved By:	Total Mind Livin	Tall No. NH 248C

# SYSTEM TESTED TO 19 K FT. QUALITY AVIONICS INC. QU8R488X

I certify that the transponder/ altimeter/ encoder/ static system tests required by 14 CFR Parts 91.411 and 91.413 have been done in accordance with 14CFR Part 43 appendices E and F.

S/N E4987	27820		Date 9/21/17	POPM 124
Model: 5934P	A30	6TX-327	By: Newn C	Ξ
Make: Altimeter United	Encoder ACIL	Transponder Garmin	W/O No. 1709211 By: 1444 C	Approved By:

FORM 13A rev2 (01-14-14)

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
ATE	Premier Av	iation Servi	ces, LLC <b>- db</b> a	Flying Moose Aviation (HGR 1D1 KPJC)
	02/27/2019	N4248C	Cessna R18	32 s/n R18200345 Tach: 1330.2
	alternator foun	d broken term e charging of e	inal to battery p lectrical system	r, tested regulator and found normal, pulled front nose cowling and removed lost. Installed new terminal end and installed alternator and cowling. Test run  Removed right main tire due to damage upon landing, installed new tire and tube, ecked for leaks, normal. Installed tire and wheel on aircraft and secured. See 8130
	in log book. ENI	4/	<u> </u>	Steven C. Hurd, AP2685696 —
	1	1		
		<del></del>		
_			ľ	

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Leurines mast be elidorsed /	ctions, Tests, Repairs and Alteration with Name, Rating and Certificate Number of ity. (See back pages for other specific entries.
ACH TIMI	E: 1194.5 HR		7 7 8 20 20 20 20 20 20 20 20 20 20 20 20 20	N4248C	DATE 02/23/2018
Remove		PD 43/CD/MINE			D.11.0 02/25/2010
Installed		RANSPUNDE	R P/N: 011-00490	0-00, S/N: 83740385.	
L. IN	ISTALLED GARMI	N GTX345 MC H STC# SA017 INSTALLED (	DDE S AND ADS 714WI. CIRCUIT ON THE AVION!	-B IN AND OUT TRANSPONDER PN: ( PROTECTION PROVIDED BY NEWLY ICS BUSS, SEE 337 DATED 06-02-2017	011-03302-00 SN: 3EG020034 ACCOMPLISHED IN Y INSTALLED 3 AMP KLIXON PUSH-PULL TYPE FOR DETAILS AND INSTRUCTIONS FOR CONTINUED
2. IN PR BU	STALLED APPARE OTECTION PROVE JSS.	30 STARTUS I IDED BY NEV	POWER P/N: 153 VLY INSTALLEI	3010-000040 S/N: 057143 INTO THE TO D 5 AMP KLIXON PUSH-PULL TYPE C	OP RIGHT OF THE CENTER PEDISTOL. CIRCUIT CIRCUIT BREAKER INSTALLED ON THE AVIONICS
3. UP INS DE	DATED GARMIN ( STALLED FAA AP .TAILS AND INSTI	GNS430W TO PROVED FLIC RUCTIONS FC	MAIN SOFTWA 3HT MANUAL S )R CONTINUED	ARE VER. 5.40 IAW GARMIN STC SERV SUPPLEMENT P/N: 190-00356-03 REV F O AIRWORTHINESS.	VICE BULLETIN NO 1766 REV A DATED DEC 7, 2017. F DATED 11-30-2017. SEE 337 DATED 02-23-2018 FOR
EMI/RFI ELECTRI PAR	ICAL LOAD HAS B	JIST/ WEIGHT I BEEN PERFORN BEEN CHECKE	BALANCE AME MED WITH NO A ED. LOAD DOES	ENDED, REFERENCE AC 43.13-1B REV	V I, CH 10. STING EQUIPMENT DETECTED. ATING SYSTEM CAPACITY REF AC 43.13-1B REV   CH 11
E CITY REGIONAL SLEY KELLY DRIVI ER. PA 16137	ONICS, INC. C.R.S AIRPORT E	3. QU8R488 <i>x</i>	ζ		
)748-5750				WO #1802061	MICHAEL W BAKER
				Annual Control of the	That Il som

Tequired by 14 CFR Parts 91.411 and 9; 413 have been done in accordance with 14 CFR Parts 91.411 and 9; 413 have been done in accordance with 14 CFR Parts 91.411 and 9; 413 have been done in accordance with 14 CFR Parts 91.411 and 9; 413 have been done in accordance with 14 CFR Parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 413 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 have been done in accordance sold parts 91.411 and 9; 414 h	YE	AR	RECO	RDING	TODAY	S 1	TOTAL	De Ent	SCI	ipti	on	of	Ins	spe	ect	ion	s,	Te	sts	, R	ер	airs a	and A	ter	atic
Certify that the transponder / altimeter / encoder with 14CFR Part 43 appendices E and F.     Altimeter United	6	R272D	static system tests ne in accordance	S/N E4987	27820	3EG020034	-2017 REV ORIGINAL		NO.	Temp.										T	T	1 =	VOR272D	4 100	
Certify that the transponder	8 K.F.F. Tach 1373.	S LLC. CRS# 5V0	'altimeter / encoder , 91.413 have been do F.	odel: 84P	0	X-345	j	ALTIMETE	MODEI, 5934P	Altimeter	14.000	16,000	18,000	20,000	25,000	30,000				Form No. 12	REV	Tested by: Gary	air Station No. 5		-
Certify   required by 14 CF   with 14CFR Part   Make   Altimeter United   Encoder ACK   Transponder Garr W/O No.2001311   Next Test Due: 01-Approved By:		ECIALTY AVIONIC	that the transponder / R Parts 91.411 and 91.413 appendices E and 1			nin GT:	By: Gary Hutchinso XX-2022	TIONS	ALGEBRAICALLY	Room Temp.	-980	0	200	1000	0000	3000	4000	0009	8020	10040	12000	IONICS LLC. IVE	3, PA 15010 Rep.		
		SPE	l certify t required by 14 CF with 14CFR Part 4	Make: Altimeter United	Encoder ACK	Fransponder Garn	W/O No.2001311 Next Test Due: 01 Approved By.	SCALE CORREC	United	Reads	-1,000	600	1 000	1 500	2,000	3,000	4,000	6,000	8,000	10,060	12,060	FECLAL LY AV 45 CESSNA DR	BEAVER FALLS Approved By:	ail No. N4248C	

YEA							1410.7
20_ DAT	Premier	· Aviation	n Services, I	LLC - KBVI			rations ober of
	02/27/2020	N4248C	Cessna R182	s/n R18200345	Tach: 1401.2	AFTT: 4962.1	entries.)
	inspected landin down function. ICAs Garmin 430 tracks and seat k complied with pe	(d), operational great system. Set tire pressure WAAS and State seepers. Mew be to cook AD Tool	Relay tested good. ELT B Relay tested good. res. Complied with andby vacumm system orake pads left main Box 02-2020. I certo be in Airworthy (	Inspected nose gear state AD 2011-10-09R1 by m Precise Flight SVS V p/n 066-10500. Cleartify that this airframe	122. Serviced batte squat switch. Cycle visual inspection, no Instructions. Clear ned and serviced bath thas been Inspected	2, inspection checklist. Inspected by and set fluid levels. Jacked act of gear 3 times and tested emergent due at tach 1429.9. Complied the belly of oil and dirt. Inspected arke reservoirs with 5606 fluid. And in accordance with a Annual	ft and
			_1	ı			



Date: 6/14/2023; Aircraft: N4248C; Type: R182; S/N: R18200345; Hobbs: 3091.70; Tach: 1445.60; Total Time: 4926.60 Performed a 100-hour/Annual Inspection on the airframe and propeller in accordance with the Inspection checklist contained in the R182 Maintenance Manual.

\*Opened and closed the aircraft to perform inspection.

\*Complied with Airworthiness Directive research to 2023/09 Biweekly issuance.

\*Completed aircraft lubrication per manufacturers recommendations.

\*Completed the wheel bearing cleaning, inspection, and re-greasing.

\*Completed airframe fuel strainer or fuel bowl filter cleaning.

\*Removed and replaced the fuel cap seals. \*Cleaned the landing gear for inspection.

\*Complied with FAR 91,207 (d) Inspection and operational check of ELT.

Remove, inspected and reinstalled the ELT battery(ies).

The battery expiration date is on 06/2024

'inspected the aircraft battery, serviced electrolyte using distilled water and charged the battery. Inspected and cleaned the battery area. Touched up battery area as required. Reinstalled battery and electrical connections. Operationally tested the battery with satisfactory results:

\*Removed and replaced the vacuum regulator filter p/n ARB3-5-1

\*Removed the foam filter and cleaned the filter housing as required. Installed a new filter p/n BA-2505 to the housing and secured. Inspected the landing gear retraction system, switches, wiring and terminals. Found the nose squat switch mounting block to be Impacted with dirt and grease. Deflated the nose strut to gain access to the squat switch and cleaned grease and dirt from the cavity of the squat switch. Applied LPS 1 to the switch and actuated the switch by moving the strut up and down by hand and electrically retracting, extending the landing gear with no faults noted. Service the the strut with nitrogen and performed several gear extentions and retractions. Added spiral wrap to the switch wires through the lower engine bay. Operational check was satisfactory. Work performed per Cessna R182 MM.

Infinity Aviation Services LLC PAGE 1 OF 2



\*Removed the stripped screw and replaced the rivets for the two nut plates. Installed three new screws.

\*Removed the propeller and de-sludged the crankshaft. Cleaned the propeller hub and installed a new o'ring p/n A1633-11. Cleaned corrosion from the crankshaft mounting flange, treated, primed the face. Installed a new alternator mounting bolt p/n AN7-42A. Installed a new alternator belt p/n S1597-1-37.5 and set belt tension. Reinstalled propeller and torqued and saftied. Ground run performed satisfactory with no leaks noted. Work accomplished per

\*Complied with AD11-10-09, seat rall wear and seat pin engagement inspection and found the inboard pilot seat rail to have a crack. The crack is currently within limits. Next due in 12 months.

\*Removed and replaced the electric fuel pump p/n C291506-0102. Operational check was good with no leaks noted.

\*Removed the light corrosion that was present on the propeller dome weight ring and the governor control shaft. Applied AV8 corrosion inhibitor to prevent further corrosion.

\*Trouble shot the lighting system for the post, glareshield, over-head, and map lighting. Traced wires in harness found pulled wires not connected. Removed the transitor dimming assembly. Inspection of the connector revealed the female terminals were damaged. Replaced all female terminals in the connector and reinstalled dimming assembly. Repaired the wires that were not connected. Replaced multiple burned out bulbs from all three lighting circuits. Reinstalled all instrument lighting panels. Operational test was good.

I certify that this aircraft has been inspected in accordance with an Annual/100 hour inspection and was determined to be in airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed.

Signature: Glenn Ducharme Date: 06/14/2023, W/O: 118242 Infinity Aviation Services LLC FAA Certified Repair Station #I6FR992Y