THE OF AIRCRAFT MAINTENANCE MAINTENANCE RECORD RECORD SYSTEM

AIRFRAME MAINTENANCE RECORDS



# AIRFRAME MAINTENANCE RECORDS

	A	11-110	Log No
Aircraft F	Registration No.	115 48	17
			Serial No. 177RG 0722
Engine Mfg. LYCOWING	Model( O -	360	Serial No
Engine Mfg	Model		Serial No
Propeller Mfg.	Model		_ Serial No
Hub Design No		_ Hub Serial No.	
Blade Design No.		_ Blade Serial N	o's
			·
Propeller Mfg.	Model		Serial No
Hub Design No		_ Hub Serial No.	
Blade Design No		_ Blade Serial N	o's
	(All applicable inform	nation must be fille	ad in)



# AEROTECH PUBLICATIONS INC.

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e No		
		_
	Aviation Plus LLC	
	262-656-1260	
i	Aviationplusllc.com	
06	3/30/15 N1548H Tach 5813	_
in w in w sy	emoved wingtip nav/strobe assemblies. Removed strobe power pack assemblies. Installed RMD Aircraft Lighting wingtips cluding recognition LED lamps. Replaced nav/strobe assemblies w/Whelen combination nav/strobe assemblies. Aircraft existing cluding recognition LED lamps. Replaced nav/strobe units used. New wiring for the recognition light system installed by VIP Aero struments & Avionics (see 337). 337's filed for light installation. Removed tail beacon lamp assembly & power supply. Installed chelen LED tail beacon assembly, 337 filed. Installed Aero-Trim aileron trim system, 337 filed. Replaced belly header tank drain stem w/flush mount SafeFlight sump drains. This is a minor alteration. Cleaned pilot's seat aft crosstube of paint & corrosion.	
<u> </u>	Robert Russell 3411885IA	
	Aviation Plus LLC	1 "
	262-656-1260	1
	Aviationplus IIc.com	
•	/2015 N1548H Tach 5813	Ι,
Replac	ed both main tires.	
	Rafael Garay 3699010 A&D	Ι.
		•
	Replaced right hand main landing gear tire tube with new 15 X 600-6 Michelin Air Stop p/n: 097-500-0, date of manufacture JUILLET-2014.	
	En Januar A+82777906	
	A&P 2777906 Eric Santerre	
	A&P 2777906 Eric Santerre  VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG	
	A&P 2777906 Eric Santerre  VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114  LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8	
	A&P 2777906 Eric Santerre  VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  Removed old Gill G35 main ship battery s/n: G02799543 Activated charged and installed a	•
	VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  - Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.  A+P2777906	
	VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  - Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.  A+P2777906	
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09/11	VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WC# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  - Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.  APP 2777906 Eric Santerre  Aviation Plus LLC 262-656-1260 Aviationpluslic.com	
Replace	VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114  LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.  Adap 2777906 Eric Santerre  Aviation Plus LLC 262-656-1260 Aviationpluslic.com TTAF 5838 TTAF 5838  Adap 2777906 Replaced bases and second se	
Replace bulbs.	ASP 2777906 Eric Santerre  VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  - Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.  AVIATION Plus LLC 262-656-1260 Aviation Plus LC 262-656-12	
Replace bulbs. C/W AD	VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114  LOG ID#1375 07-August-2015 WO# 858 HOBBS 851.8  N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.  Aviation Plus LLC  262-656-1260  Aviationpluslic.com  Aviation Plus LLC  262-656-1260  Aviationpluslic.com  Pg 1/1  Aviation Plus LLC  262-656-1260  Aviationpluslic.com  Aviation Plus LLC  262-656-1260  Aviationpluslic.com  Pg 1/1  Aviation Plus LLC  262-656-1260  Aviationpluslic.com  Example Call Province Company of the Com	
Replace bulbs. C/W AL support	AXP 2777906 Eric Santerre  VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  - Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.  AXP 2777906 Eric Santerre  AViation Plus LLC 262-656-1260 Aviationplusic.com  Tach 5838 TTAF 5838  Added seat rail slide stop to pilot's side. Replaced cabin door seals. Replaced taxi & landing light LED 111-10-09, seats & rails, visual & dimensional check, due 100 hrs Allroutine them. All routine them.	
Replace bulbs. C/W AL support	AXP 2777906 Eric Santerre  VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  - Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.  AXP 2777906 Eric Santerre  AViation Plus LLC 262-656-1260 Aviationplusic.com  Tach 5838 TTAF 5838  Added seat rail slide stop to pilot's side. Replaced cabin door seals. Replaced taxi & landing light LED 111-10-09, seats & rails, visual & dimensional check, due 100 hrs Allroutine them. All routine them.	
Replace bulbs. C/W AE support	ASP 2777906 Eric Santerre  VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8 N1548H S/N 177RG0722 CESSNA 177RG  Pg 1/1  - Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.  AVIATION Plus LLC 262-656-1260 Aviation Plus LC 262-656-12	

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		RIPTION OF WORK PERFORMED- TIFICATE NO. OF PERSON PERFO	
		TOTAL brow	ught forward from previous page		
			N.W. Air Repair Inc	September 15, 2015	
			N1548H	Tach Time 5854.5	Hrs
			Replaced inner tube in left	main tire with new.	
				Lille	
				a read	
	<u> </u>		Graham L Goad A&P 28	01174	
			N.W. Air Repair Inc	September 15, 2015	
	]		N1548H	Tach Time 5856.1	Hrs
				s on the wings, horizontal and	
				cordance with drawing packa ed November 1, 2001 and	ge
			Installation Manual MA21	63, Revision IR, dated 12/3/2	001,
			per STC#SA01033SE.	al held	/
			Graham L Goad A&P 28	301174	
		N1548H	TORTH L	re f	
		NW Air	Repair Inc.	August 4, 201	6
		503-472-47 Total Ti		Tach Time 5868.	3 Hrs ——
		Inspected	and tested ELT per FAR 91.207	(d), ELT battery good thru Sept 2	2020.
			d AD notes c/w 2011-10-09 sea		
		Researche	eat rail with new McFarlane part	at rail and roller inspection, replace, no other defects noted, next du	ced pilots
		outboard s	eat rail with new McFarlane part at 5968.3.  c/w 2015-19-07, fuel l	, no other defects noted, next du injection line inspection, no defec	ced pilots e at next cts noted,
		outboard s annual or a next due a servo plug	eat rail with new McFarlane part at 5968.3. c/w 2015-19-07, fuel t 5968.3 or when maintenance is inspection, plug not loose, next	, no other defects noted, next du injection line inspection, no defect done. c/w 2009-02-03 RSA fuel due at oil change or 50 hrs. Insp	ced pilots e at next cts noted, I injection pected wing
		outboard s annual or a next due a servo plug spars per s element.	eat rail with new McFarlane part at 5968.3. c/w 2015-19-07, fuel t 5968.3 or when maintenance is inspection, plug not loose, next SEL-57-03, no cracks found, rep Replaced nose gear door gromm	, no other defects noted, next du injection line inspection, no defect done. c/w 2009-02-03 RSA fuel due at oil change or 50 hrs. Insp ort filed with Cessna. Replaced tet and adjusted gear door riggin	ced pilots e at next cts noted, l injection pected wing air filter g.
		outboard s annual or a next due a servo plug spars per s element. F Performed	eat rail with new McFarlane part at 5968.3. c/w 2015-19-07, fuel t 5968.3 or when maintenance is inspection, plug not loose, next SEL-57-03, no cracks found, rep Replaced nose gear door gromm gear retraction and extension to emoved right side fuel drain tee f	, no other defects noted, next duinjection line inspection, no defect done. c/w 2009-02-03 RSA fueldue at oil change or 50 hrs. Insport filed with Cessna. Replaced let and adjusted gear door riggings in normal and emergency motitting under floor and resealed pi	ced pilots e at next cts noted, l injection pected wing air filter g. des, all ops pe fittings,
		outboard s annual or a next due a servo plug spars per s element. I Performed normal. Re installed te	eat rail with new McFarlane part at 5968.3. c/w 2015-19-07, fuel t 5968.3 or when maintenance is inspection, plug not loose, next SEL-57-03, no cracks found, rep Replaced nose gear door gromm gear retraction and extension to emoved right side fuel drain tee fitting and leak checked, no le	, no other defects noted, next duinjection line inspection, no defects done. c/w 2009-02-03 RSA fueldue at oil change or 50 hrs. Insport filed with Cessna. Replaced let and adjusted gear door riggings in normal and emergency motitting under floor and resealed piaks. Serviced airframe per servi	ced pilots e at next cts noted, l injection pected wing air filter g. des, all ops pe fittings, ce manual.
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		outboard s annual or a next due a servo plug spars per s element. F Performed normal. Re installed te	eat rail with new McFarlane part at 5968.3. c/w 2015-19-07, fuel t 5968.3 or when maintenance is inspection, plug not loose, next SEL-57-03, no cracks found, rep Replaced nose gear door gromm gear retraction and extension to emoved right side fuel drain tee fitting and leak checked, no left inspected per annual inspectical Appendix D and found to be a	, no other defects noted, next duinjection line inspection, no defects done. c/w 2009-02-03 RSA fueldue at oil change or 50 hrs. Insport filed with Cessna. Replaced let and adjusted gear door rigginest in normal and emergency mountifiing under floor and resealed plaks. Serviced airframe per servion in accordance with aircraft serviced at this time.	ced pilots e at next cts noted, l injection pected wing air filter g. des, all ops pe fittings, ce manual.
		outboard s annual or a next due a servo plug spars per s element. F Performed normal. Re installed te	eat rail with new McFarlane part at 5968.3. c/w 2015-19-07, fuel t 5968.3 or when maintenance is inspection, plug not loose, next SEL-57-03, no cracks found, rep Replaced nose gear door gromm gear retraction and extension to emoved right side fuel drain tee fitting and leak checked, no left inspected per annual inspectical Appendix D and found to be a	, no other defects noted, next duinjection line inspection, no defects done. c/w 2009-02-03 RSA fueldue at oil change or 50 hrs. Insport filed with Cessna. Replaced let and adjusted gear door rigginest in normal and emergency mountifiing under floor and resealed plaks. Serviced airframe per servion in accordance with aircraft serviced at this time.	ced pilots e at next cts noted, l injection pected wing air filter g. des, all ops pe fittings, ce manual.
		outboard s annual or a next due a servo plug spars per s element. F Performed normal. Re installed te	eat rail with new McFarlane part at 5968.3. c/w 2015-19-07, fuel at 5968.3 or when maintenance is inspection, plug not loose, next SEL-57-03, no cracks found, rep Replaced nose gear door gromm gear retraction and extension to be fitting and leak checked, no left inspected per annual inspection.	, no other defects noted, next duinjection line inspection, no defects done. c/w 2009-02-03 RSA fueldue at oil change or 50 hrs. Insport filed with Cessna. Replaced let and adjusted gear door rigginest in normal and emergency mountifiing under floor and resealed plaks. Serviced airframe per servion in accordance with aircraft serviced at this time.	ced pilots e at next cts noted, l injection pected wing air filter g. des, all ops pe fittings, ce manual.
		outboard s annual or a next due a servo plug spars per s element. F Performed normal. Re installed te	eat rail with new McFarlane part at 5968.3. c/w 2015-19-07, fuel t 5968.3 or when maintenance is inspection, plug not loose, next SEL-57-03, no cracks found, rep Replaced nose gear door gromm gear retraction and extension to emoved right side fuel drain tee fitting and leak checked, no left inspected per annual inspectical Appendix D and found to be a	, no other defects noted, next duinjection line inspection, no defects done. c/w 2009-02-03 RSA fueldue at oil change or 50 hrs. Insport filed with Cessna. Replaced let and adjusted gear door rigginest in normal and emergency mountifiing under floor and resealed plaks. Serviced airframe per servion in accordance with aircraft serviced at this time.	ced pilots e at next cts noted, l injection pected wing air filter g. des, all ops pe fittings, ce manual.

**Aviation Plus LLC** 262-656-1260 Aviationpluslic.com

Tach 5813 06/30/15 N1548H

Removed wingtip nav/strobe assemblies. Removed strobe power pack assemblies. Installed RMD Aircraft Lighting wingtips including recognition LED lamps. Replaced nav/strobe assemblies w/Whelen combination nav/strobe assemblies. Aircraft existing wiring, switches and circuit breakers for nav/strobe units used. New wiring for the recognition light system installed by VIP Aero Instruments & Avionics (see 337). 337's filed for light installation. Removed tail beacon lamp assembly & power supply. Installed Whelen LED tail beacon assembly, 337 filed. Installed Aero-Trim aileron trim system, 337 filed. Replaced belly header tank drain system w/flush mount SafeFlight sump drains. This is a minor alteration. Cleaned pilot's seat aft crosstube of paint & corrosion. Shimmed left spoiler worm gear to driven gear.

**Aviation Plus LLC** 262-656-1260

AviationplusIIc.com

07/01/2015 N1548H Tach 5813

Replaced both main tires.

VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1351 22-July-2015 WO# 841/1 HOBBS 850.9

N1548H S/N 177RG0722 **CESSNA** 177RG

Pg 1/1

Replaced right hand main landing gear tire tube with new 15  $\times$  600-6 Michelin Air Stop p/n: 097-500-0, plate of manufacture JUILLET-2014.

Eric Santerre

VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114 LOG ID# 1375 07-August-2015 WO# 858 HOBBS 851.8

CESSNA N1548H S/N 177RG0722 177RG

Pg 1/1

- Removed old Gill G35 main ship battery s/n: G02799543. Activated, charged, and installed a new Gill G35 pattery s/n: G02870722. OPS check satisfactory.

2777906 Eric Santerre

#### **Aviation Plus LLC**

262-656-1260

Aviationpluslic.com

09/11/2015 N1548H Tach 5838 TTAF 5838

Replaced air filter element. Replaced baggage door seal. Replaced cabin door seals. Replaced taxi & landing light LED bulbs. Added seat rail slide stop to pilot's side. Replaced ELT batteries, due 09/2020. ELT checked per FAR91.207(d). C/W AD11-10-09, seats & rails, visual & dimensional check, due 100 hrs/annually. C/W AD11-26-04, injector lines & supports, visual inspection, due 100 hrs. All routine items checked per inspections sheets. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Thoras Robert Russell 3411885IA

DATE	TIME IN SERVICE	RECORDING METER TIME		CRIPTION OF WORK PERFORMED— RTIFICATE NO. OF PERSON PERFORMING W	ORK
		TOTAL brou	ught forward from previous pag	е	
7			N.W. Air Repair Inc	September 15, 2015	
			N1548H	Tach Time 5854.5 Hrs	t
			_ Replaced inner tube in let	t main tire with new.	
				1120	
			1	h hld	
			Graham L Goad A&P 28	01174	
			N.W. Air Repair Inc	September 15, 2015	
			─ N1548H	Tach Time 5856.1 Hrs	
, .				rs on the wings, horizontal and	
			MA2162, revision IR, dat	ccordance with drawing package ed November 1, 2001 and	
			Installation Manual MA2 per STC#SA01033SE.	163, Revision IR, dated 12/3/2001,	
				Col hear	
			Graham L Goad A&P 2	801174	
		503-472-47 Total Ti Inspected a Researche outboard s annual or a next due a servo plug spars per S element. F Performed normal. Re installed te This aircra	and tested ELT per FAR 91.207 and AD notes, c/w 2011-10-09 se eat rail with new McFarlane par at 5968.3. c/w 2015-19-07, fuel t 5968.3 or when maintenance is inspection, plug not loose, next SEL-57-03, no cracks found, rep Replaced nose gear door gromn gear retraction and extension to emoved right side fuel drain tee the fitting and leak checked, no lef the inspected per annual inspection. Appendix D, and found to be a	August 4, 2016  Tach Time 5868.3 Hrs  (d), ELT battery good thru Sept 2020.  at rail and roller inspection, replaced pilots t, no other defects noted, next due at next injection line inspection, no defects noted, s done. c/w 2009-02-03 RSA fuel injection due at oil change or 50 hrs. Inspected wire filed with Cessna. Replaced air filter net and adjusted gear door rigging.  The set in normal and emergency modes, all op fitting under floor and resealed pipe fittings eaks. Serviced airframe per service manual con in accordance with aircraft service manual airworthy at this time.	ng ss
		Grahan	n L Goad 2801174 IA		

	TOTAL	TACH OR						
ATE	TIME IN SERVICE	RECORDING METER TIME	SIGNA		CRIPTION OF WORK			WORK
N.V	/. Air Repai	r Inc	September 5	, 2016				·
N154	8H		Tach Time 58	71.1 Hi	rs			
Instrur tank a EDM 9	ment Rebuild ccess panels 900 fuel gage	l, adjusted hig s. Filled tanks es, no leaks n	itters with repaired ur ith and low stops and s with avgas and re-c oted. Replaced land ithe engine cowling.	sealed fuel alibrated JP ling light a ta	1			
Grahai	m L Goad	A&P 28011	74 al L	ac)				
			The state of the state of					
N.W. A	ir Repair In	С	September 22, 2	016				
I1548H		Та	ch Time 5877.	6 Hrs				
eplaced	C rings in	right brake c	aliper, replaced rig	iht side				
ake linir	ngs.	(	Jh he	<i>O</i>				
ake linir		(	_					
ake linir raham L	ngs.	P 2801174	Jh hlu					
ake linir raham L	ngs. . Goad A& W. Air Repa	P 2801174	March 16,	2017	dre			
raham L N.\ N154	ngs. . Goad A& W. Air Repa	P 2801174 air Inc	March 16,	2017 379.8 F	drs			
raham L N.\ N154	ngs. . Goad A& W. Air Repa 48H ced battery v	P 2801174 air Inc	March 16, Tach Time 58	2017 379.8 F				
naham L N.\ N154 Replac manua	N. Air Repa	P 2801174  air Inc  with new Gill (	March 16, Tach Time 58 6-35, serviced and ch	2017 379.8 F				
naham L N.\ N154 Replac manua	N. Air Repa	P 2801174  air Inc  with new Gill (	March 16, Tach Time 58 6-35, serviced and ch	2017 379.8 F				
naham L N.\ N154 Replac manua	N. Air Repa	P 2801174  air Inc  with new Gill (	March 16, Tach Time 58 G-35, serviced and ch	2017 379.8 F narged per G	Gill			
N.V N154 Replace manua	N. Air Repa	P 2801174  air Inc  with new Gill (	March 16, Tach Time 58 G-35, serviced and ch	2017 379.8 F narged per G	Gill			
Replacemanua	N. Air Reparts 148H Ced battery val.  m L Goad	P 2801174  air Inc  with new Gill (	March 16, Tach Time 58 G-35, serviced and ch	2017 379.8 Finarged per G	Gill	SERIAL NU	MBER	

MAINTENANCE RELEASE: The aircraft and/or component identified were repaired/inspected in accordance with current Federal Aviation Regulations and are approved for return to service. Details on file at this agency

under W.O. #61368 Signed\_\_

William James

See Personnel Roster for Return to Service Personnel

CRS# DDNR793K 3501 Aviation Ave. Sioux Falls, SD 57104

#### **Aviation Plus LLC**

262-656-1260

Aviationpluslic.com

## 07/18/2017 N1548H Tach 5900 TTAF 5900

Replaced air filter element. Repositioned top cowl shock mounts for better fit. Repaired lower cowl nose door brackets & replaced nylon bushings and clevis pins. Replaced right cowl flap hinge. Moved exhaust fairing ½" outboard for clearance. Patched lower cowl @ exhaust exit opening. Replaced worn hardware in aft nose doors. Shimmed nose strut. Replaced baggage door seal. Replaced carpet w/PlanePlastics carpet, P/N KVIC-177RG-392, see Skandia W/O 308627-16 flame retardancy tests. Installed 15 amp circuit breaker & 14 gauge wire for aux power port for use of a portable onboard oxygen generator. Rigged worm drive in left wing spoiler. ELT batteries replaced, due 7/2021. ELT checked per FAR91.207(d). C.W AD11-10-09, seats & rails, visual & dimensional check, due 100 hrs/annually. C/W AD15-19-07, injector lines & supports, visual inspection, due 100 hrs. All routine items checked as per inspection sheets. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Robert Buscoll 24110051a

Ν	15484
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Date 2-22-18

I certify this aircraft's altimeter(s), static system(s), altitude reporting equipment and transponder(s) have been tested and inspected in accordance with 14CFR part 43 Appendix E and F to comply with 14CFR part 91.411 & 91.413. Pertinent details are on file at this Repair Station under work order 18-003

Authorized signature

Repair Station No. U9VR976X

NW Air Repair Inc.

503-472-4790

**Total Time** 

5929.0 Hrs

July 26, 2018

Tach Time 5929.0 Hrs

Removed Sandel HSI, removed HSI gyro and power convertor from radio rack behind baggage area, removed magnetometer from right wing. Installed Garmin G5 electronic flight instrument s/n 4JQ013909 as an attitude indicator, this unit wired to existing GTN 750 for GPS track. Installed Garmin G5 electronic flight instrument s/n 4JQ01243 as an HSI, installed GAD 29 nav convertor on shelf forward of instrument panel on right side, installed GMU magnetometer in right wing, wired heading output from GAD 29 to existing S-Tec 40 autopilot. Wired L/R nav output from GTN 750 and GTN 650 to existing S-Tec 40 autopilot through 3 pole switch, labeled switch "NAV 1, NAV 2". Re-wired existing CDI through 16 pole relay p/n RS16-012 to GTN 650 and GTN 750, relay is controlled by 3 pole switch installed below CDI and labeled "NAV 1, NAV 2". Installed required circuit breakers for G5 units, GAD 29 and RS16-012 relay. G5 units installed per STC SA01818WI and installation manual 1°0-01112-10 Rev 11. Aircraft was weighed and weight and balance data revised.

Graham L Goad 2801174 IA

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DATE		OF WORK PERFORMED— NO. OF PERSON PERFORMING WORK	
	TOTAL brought forward from previous page		
	MARAGU		
*	N1548H NW Air Repair Inc. July 2	26, 2018	
<u> </u>	503-472-4790 AIR		$\dashv$
į.	Total Time 5929.0 Hrs Tach Time	5929.0 Hrs	
4	Replaced ELT with new ACK E-04 s/n 24199, installed new remote alert units. Inspected and tested ELT per FAR 91.207(d), ELT bate 29 2023, Remote battery (CR2) good till March 2026 and audio ale good till March 2024. Researched AD notes, c/w 2011-10-09 sear inspection, next due at next annual or at 6029.0 hrs. c/w 2015-19 inspection, no defects noted, next due at 6039.0 or when maintens 2009-02-03 RSA fuel injection servo plug inspection, plug not loos change or 50 hrs. Replaced air filter element. Tightened screws a nose gear cylinder bracket to airframe. Performed gear retraction normal and emergency modes, all ops normal. Serviced airframe This aircraft inspected per annual inspection in accordance with a and FAR 43 Appendix D and found to be airworthy at this time.  Graham L Goad 2801174 IA	ttery good thru June ert battery (PX28L) t rail and roller -07, fuel injection line ance is done. c/w se, next due at oil and nuts securing and extension test in per service manual.	
	Aviation Plus LLC 262-656-1260 AviationplusIlc.com		
	08/01/2019 N1548H Tach 5981 TTAF 5981	and grammet. Installed SkyRelt firewall	
	Replaced airfilter element. Replaced nose door cowl brackets, bushings and side camlock fasteners. (337 filed). Replaced lower engine Lord mou Replaced fuel strainer O-rings. Replaced loose and missing engine baffle cabin heat inlet ducting. Repaired nose downlock switch. Replaced wing Trimmed rudder trim indicator panel for better visibility. Replaced left vebolts as needed in pilot's seat carriage. CW AD 11-10-09 seats and rails, 100hrs/annually. CW AD 11-10-09 seats and rails, visual and dimensional checked per FAR91.207(d). All routine items checked per inspection she airframe has been inspected in accordance with an annual inspection an condition.  Robert Russell 3411885IA	unts. Replaced upper firewall flexible seal. seal. Tensioned alternator belt. Replaced air inlet ducts and added inlet screens. ent window seal. Replaced roll pins and visual and dimensional checks, due al checks, due 100hrs/Annually. ELT eets. FAR43 APP D. I certify that this	
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DATE

TOTAL TIME SERVICE

TACH OR RECORDING METER TIME

#### DESCRIPTION OF WORK PERFORMED-SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

### TOTAL brought forward from previous page

Pacific Coast Avionics

CRS OPXR455L

Registration: N1548H

Make: CESSNA

Model: 177RG

Tach: N/A

Installed Garmin GA 55 XM Antenna s/n 87504909 using STC SA02018SE-D. Installed and tested IAW GA 55 installation manual 190-01284-00 Rev D, dated Feb 2012. Post installation ground checks good. NDN. Installed Garmin GDL 69 Remote Datalink Receiver s/n 4770391 using STC SA01487SE-D. Installed, configured and tested IAW GDL 69 installation manual 190-00355-02 Rev N, dated Jan 2020. Post installation ground checks good. NDN. Installed Garmin GAD 13 OAT Interface s/n 5YG001467 and Davtron C307PS OAT Probe, and interfaced to dual Garmin G5 Electronic Flight Instrument System IAW G5 installation manual 190-01112-10 Rev 21, dated Nov 2019. Post installation

The installation of the Garmin GA 55 XM Antenna; Garmin GAD 13 OAT Interface; and Garmin GDL 69 Remote Datalink Receiver have been analyzed in accordance with 14 CFR 43 Appendix A and found to meet the requirements of a Major Alteration as defined by 14 CFR 1.1. An FAA Form 337, dated 4/03/2020 has been completed and filed with the Federal Aviation Administration. All other repairs or alterations noted in this maintenance entry have been analyzed in the same manner and found to be Minor.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Paul Orsini, work order 20-85.

N.W. Air Repair Inc

July 1, 2020

N1548H

Tach Time

6020.9

Hrs

Removed headliner and inspected spar carry through per SEL-57-09, started process of removing corrosion in web to lower cap radius and on the web, corrosion is exfoliation type, removed .020" to .033" from radius between 10.0 and 14.5" BL on right-side of the forward side of the carry through. Due to the extent of the corrosion this work was suspended. Replaced SCAT tubing on forward air vents. Graham L Goad A&P 2801174

9-3-2020

N1548H

Cessna 177RG

S/N: 177RG0722

Work performed: Completed SEL-57-09, the corrosion that was previously removed was found to be within limits, no further corrosion removal was required. The eddy current inspection IAW SEL-57-09m was performed by Tailwind Inspections Inc., reference work order No. 13791R1. Reinstalled previously removed headliner and interior trim pieces. Replaced the STEC 0111 pressure transducer with a serviceable transducer P/N: 0111 S/N: 4717A. Installed missing scat tubing for rear vents above headliner. Researched and complied with all applicable AD's. Complied with AD2011-10-09. Complied with AD2015-19-07. Complied with AD2009-02-03. Complied with FAR91.207(d), Battery due 06-29-2023. This aircraft has been inspected IAW an annual inspection as per Cessna 177RG maintenance manual and FAR 43 Appendix D.

Justin Frunk AP3685162IA

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