



N14NP

N14NP AIRFRAME LOGBOOK

AIRFRAME

LOGBOOK

SUPERIOR

P/N: SXSeries-LB

RV 14 A

S/N 140143

Logbook Maintenance and Entry Instructions

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Engine Information LYCOMING Y10-390-EXP10
S/N EL-929-80E

Maintenance Record

Airworthiness Directives

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MAINTENANCE RECORD

[illegible]

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
			DATE: 4/6/2017 A/C TSN: 0.3 TACH:  Western Aviation MAKE: VANS REG. NO: N14NP MODEL: RV-14A WORK ORDER: S/N: 19808-04-2017 Repair Station No. GG6R560N PO Box 11835 Spokane, WA 99212 Phone: 509 534-7371
			Avionics Entries Checked ADSB system all functions test ok. Maintenance Release The aircraft and/or component(s) on N14NP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 19808-04-2017, Dated 4/6/2017. DATE: 4/6/2017 SIGNED: [Signature] Work Order: 19808-04-2017 Kelly Martin Certified Repair Station No. GG6R560N Printed by EBis 3 (datcomedia.com)
			I find this aircraft meets the requirements for the certificate requested and have issued an Experimental, Amateur Built Airworthiness Certificate dated <u>8 APR 2017</u>. The next Condition Inspection is due: <u>30 MAR 2018</u> Signed: _____ Stanley Franz_____

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
Date <u>5/17/2017</u>	<u>N 14NP</u>	S/N <u>140143</u>	Tach <u>37.9</u> Hobbs <u>40</u>

"I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous characteristics or design features, and is safe for operation. The following aircraft operating data has been demonstrated during the flight testing: speeds Vso 51, Vx 70, and Vy 95, and the weight 1221, and CG location 8334 at which they were obtained."

(Signature)



2244 SE Airport Way, Suite 130
Redmond, OR 97756
Date: July 13, 2017

Make: NORRIS BROWN
Model: RV-14A
Serial Number: 140143

AFTT: 82.0

Installed Deice Technologies horizontal stabilizer heaters, part number DI-01172, serial number 6-28-17-02 and part number DI-01173, serial number 6-28-17-01. Removed propeller, installed prop heaters and reinstalled propeller. All ops and leak checks performed with no defects noted.

James Stewart III

Deice Technologies
DeiceTech.com

DESC:
S/N:

RV-14 A Left Horizontal Heater
6-28-17-02
DI-01172 Rev.1
12Jul17

1625 LOST NATION ROAD
WILLOUGHBY, OH 44094
(440) 951-4744
WWW.KELLYAEROSPACE.COM

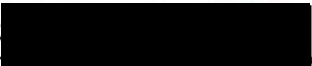
Deice Technologies
DeiceTech.com

DESC:
S/N:

RV-14 A Right Horizontal Heater
6-28-17-01
DI-01173 Rev.1
12Jul17

1625 LOST NATION ROAD
WILLOUGHBY, OH 44094
(440) 951-4744
WWW.KELLYAEROSPACE.COM

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
 2244 SE Airport Way, Suite 130 Redmond, OR 97756 Date: July 20, 2017 Make: NORRIS BROWN Model: RV-14A Serial Number: 140143 AFTT: 93.0 Installed Deice Technologies wing heaters, part number DI-01171 and DI-01170. All ops checks performed with no defects noted. James Stewart III 			
11/13/2017		152.9	R/R ODYSSEY 680 BATTERY + REPLACED WITH EARTH X8900 BATTERY, INSTALLED BATTER WARNING CIRCUIT TO EFIS. RECHARGED BRAKE SYSTEM, TIGHTENED FITTINGS, NO LEAKS OBSERVED. REMOVED "TUNNEL" COWL FLAP + REINSTALLED ON THE EXIT OF THE OIL COOLER 
11/29/2017		161.0	R/R Deice controller, REMOVED SN 155 REPLACED WITH SN 183 

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
3/7/2018	171.9	178.8	Removed BOTH PMAGS AND SENT THEM IN FOR INSPECTION. RETURNED CHECKED OK. REINSTALLED. [REDACTED]
3/8/2018	171.9	178.8	COMPRESSION 80/80, 80/80, 79/80, 80/80 I certify that this aircraft has been inspected in accordance with the scope and detail of appendix D to part 43 and has been found to be in a condition for safe operations. [REDACTED]
4/18/2018	193.6	201.1	R/R DEICE ALTERNATOR BELT WITH NAPA PREMIUM XL 25-7375 [REDACTED]

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
5/14/2018	203.9	212.3	R/R FRONT TIRE 5,00-5
			DUE TO OUT OF ROUND. Balanced.
3/5/2018	267.3	276.1	INSTALLED SERVICE BULLETIN
			18-09-17
3/5/2018	267.3	276.1	REPAIRED AIRPLANE AFTER NOSE
			GEAR COLLAPSE.
			1. REPLACED INSPECTION DOOR UNDER
			LEFTWING.
			2. REPLACED AND REPAIRED AFT
			END OF "TUNNEL".
			3. REPLACED WHEEL PANTS
			4. REPLACED NOSE GEAR ASSEMBLY

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations																				
			5. REPLACED LOWER COWL [REDACTED]																				
MAKE: VANS MODEL RV-14A S/N: 140143 REG NO N14NP WORK ORDER: 21829-08-2019  Western Aviation Repair Station No. GG6R560N PO Box 11835 Spokane, WA 99212 Phone: 509 534-7371 DATE: 8/13/2019 A/C TSN: 276 TACH: 276 Avionics Entries We certify that the following altimeter, static system, transponder, and altitude reporting system test required by FARs 91.411, 91.413 have been performed and found to be within limits of FAR43 App E, and app. F. Tested to 20,000ft. Next IFR Certification due 8/13/2021. <table border="0"> <tr> <td>#1 ALTIMETER MODEL # <u>GSD 25</u></td> <td>SN <u>25A002873</u></td> <td>Encoder Model# <u> </u></td> <td>SN <u> </u></td> </tr> <tr> <td>#2 ALTIMETER MODEL # <u>MAX100-01</u></td> <td>SN <u>447X</u></td> <td>Encoder Model# <u> </u></td> <td>SN <u> </u></td> </tr> <tr> <td>STBY/#3 ALTIMETER MODEL # <u> </u></td> <td>SN <u> </u></td> <td></td> <td></td> </tr> <tr> <td>#1 TRANSPONDER MODEL # <u>GTX 23</u></td> <td>SN <u>2D7010718</u></td> <td></td> <td></td> </tr> <tr> <td>#2 TRANSPONDER MODEL # <u> </u></td> <td>SN <u> </u></td> <td></td> <td></td> </tr> </table> #1 PITOT STATIC SYSTEM FT/MIN <u>1A</u> #2 PITOT STATIC SYSTEM FT/MIN <u> </u> The aircraft and/or component(s) on N14NP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 21829-08-2019. Dated 8/13/2019. DATE: 8/13/2019 SIGNED [REDACTED] Work Order: 21829-08-2019 Edgar Quiñones Certified Repair Station No. GG6R560N Printed by EBis 3 (datcomedia.com)				#1 ALTIMETER MODEL # <u>GSD 25</u>	SN <u>25A002873</u>	Encoder Model# <u> </u>	SN <u> </u>	#2 ALTIMETER MODEL # <u>MAX100-01</u>	SN <u>447X</u>	Encoder Model# <u> </u>	SN <u> </u>	STBY/#3 ALTIMETER MODEL # <u> </u>	SN <u> </u>			#1 TRANSPONDER MODEL # <u>GTX 23</u>	SN <u>2D7010718</u>			#2 TRANSPONDER MODEL # <u> </u>	SN <u> </u>		
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MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
4/8/2019	267.3	276.1	REMOVED XP400 ENGINE S/N 40L150054 BECAUSE ALL XP400 ENGINES ARE BEING PURCHASED BACK BY SUPERIOR AIR PARTS DUE TO A CRANK SHAFT CRACKING PROBLEM. I KEPT THE OIL PAN AND COLD AIR INDUCTION.
10/9/2019	267.3	276.1	INSTALLED A LYCOMING Y10 390- ^{EXP 10} ENGINE S/N EL-929-80E. REPLACED THE OIL PAN AND INDUCTION WITH THE OIL PAN AND INDUCTION FROM THE XP400. THE FIT PERFECTLY

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
			REMOVED The engine FUEL PUMP,
			MAGNETOES, AND MECHANICAL
			FUEL INJECTION KIT.
			INSTALLED The FLYEFII system ³²
			ELECTRONIC IGNITION AND
			ELECTRONIC FUEL INJECTION.
			INSTALLED DUEL ELECTRIC
			FUEL PUMPS AND FILTERS.
			INSTALLED FUEL RETURN TO
			TANK LINES AND A NEW
			FUEL SELECTOR THAT RETURNS
			THE FUEL TO THE SAME TANK
			THAT IT IS PUMPING IT OUT
			OF.
			INSTALLED A NEW CONTROLLER

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
			AND DISPLAY FOR THE THERMAL
			WING DEICE SYSTEM.
			INSTALLED CLASSIC AERO
			CARPET PACKAGE AND
			INTERIOR SIDE PANEL
			PACKAGE.
			INSTALLED THE FLYEFII
			BUS MANAGER.
			INSTALLED A SECOND
			BATTERY AND ASSOCIATED
			SWITCHES AND RELAYS.
			[REDACTED]
10/9/2019	267.3	276.1	New A/C weight & BALANCE EMPTY WT = 1338 LB EMPTY CG = 80.30

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
10/9/2019	267.3	276.1	I CERTIFY THAT THIS
			AIRCRAFT HAS BEEN
			INSPECTED IN ACCORDANCE
			WITH THE SCOPE AND DETAIL
			OF APPENDIX D TO PART 43
			AND HAS BEEN FOUND TO BE
			IN A CONDITION FOR SAFE
			OPERATIONS,
			
3/23/2020	312.5		BALANCED THE PROP/ENGINE.
			FINAL BALANCED @ 2340 RPM
			AT 0.05 IPS. 

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
5/14/2020	323.4	341.1	R/R LEFT MAIN TIRE, INFLATED TO 40 PSI, BALANCED, REPLACED BRAKE PADS ON L AND R MAIN GEAR wheels. [REDACTED]
5/14/2020	323.4	341.1	VANS SERVICE BULLETIN 00006 REFERENCES GARMIN SB #2069 Rev A. OIL PRESSURE SENSOR IS A KAVILICO P4055-150G. NO LEAKS FOUND. MAX PRESSURE < 150 PSI. FUEL PRESSURE SENSOR IS A KAVILICO P4055-50G. NO LEAKS FOUND. MAX FUEL PRESSURE < 50 PSI. SB COMPLETE OK, [REDACTED]

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
11/4/2020 10/21/2020	363.6	384.6	1. SERVICE BULLETIN 16-03-28 CHECK FOR AILERON HINGE BRACKET CRACKS. NO CRACKS FOUND.
			2. REPLACED ELT BATTERY. NEW BATTERY EXPIRATION DATE IS JUN 2025.
			3. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D TO PART 43 AND HAS BEEN FOUND TO BE IN A CONDITION FOR SAFE OPERATIONS.
			

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
11/13/2020	364.8	385.9	SB-00027 NOSE GEAR MODIFICATIONS. SELECTED THE HEAVIER WAS HER ALTERNATIVE. DID NOT CUT OUT PART OF THE NOSE GEAR FOR MECHANICAL FUEL pump clearance BECAUSE WITH SYSTEM 32 THERE IS NO MECHANICAL FUEL PUMP. [REDACTED]
2/4/2021	377.2	399.2	INSTALLED THE 4" TO 5" DIAMETER OIL COOLER VENT KIT. [REDACTED]
2/9/2021	378.2	400.2	REPLACED R. MAIN TIRE & TUBE WITH A HAH AIR HAWK TIRE & TUBE. [REDACTED]

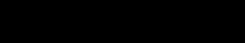
MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
8/11/2021	439.5	461.5	MOVED the BATTERIES AND BATTERY CONTACTORS FROM THE FIREWALL TO BEHIND THE BAGGAGE COMPARTMENT. REPLACED THE FAILED RIGHT BATTERY (DESIGNATED J7) WITH A NEW ETX 900 (DESIGNATED G1). NEW WEIGHT AND BALANCE EMPTY WT = 1338 LBS EMPTY CG = 81.00 [REDACTED]
10/15/2021	451	475	REPLACED the MAIN TIRE & TUBE WITH A 10 PLY GOODYEAR TIRE & TUBE. [REDACTED]

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
10/28/2021	451.8	475.5	I CERTIFY THAT THIS AIRCRAFT
			HAS BEEN INSPECTED IN ACCORDANCE
			WITH THE SCOPE AND DETAIL OF
			APPENDIX D TO PART 43
			AND HAS BEEN FOUND TO BE
			IN A CONDITION FOR SAFE
			OPERATIONS. [REDACTED]
11/3/21	456.9	480.7	REPLACED THE MAP SENSORS
			FOR THE SYSTEM 31 EFTI WITH
			NEW SENSORS. PART # 12569240.
			[REDACTED]
5/27/22	489.0	515.2	REPLACED THE TWO RAZ111U-ROD
			PROP HEAT BRUSH BLOCKS. [REDACTED]

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
MAKE: Norris Brown MODEL: RV-14A S/N: 140143 REG. NO: N14NP WORK ORDER: 2783-08-2022 Advanced Avionics Solutions LLC Repair Station No. ADAR984D 10394 N Aero Dr Hayden, ID 83835 Phone: 208 209-7328 DATE: 8/10/2022 A/C TSN: 495 4 TACH: 495 4			
Avionics Entries Tested altimeters, Pitot Static Systems, and Altitude reporting equipment to 20,000' per FAR 91.411. All tests ok. Tested transponder per FAR 91.413. Tested all functions. All tests ok. Found system to comply with part 43 Appendix E and F this date.			
#1 Altimeter P/N <u>Q5425</u> S/N <u>5A002873</u> #2 Altimeter P/N <u>4X100-01</u> S/N <u>447X</u> #3 Altimeter P/N <u>-</u> S/N <u>-</u> Trans Model # <u>6TX23ES</u> S/N <u>20Y010718</u> Mode C / Encoder Model # <u>Q5425</u> S/N <u>5A002873</u> Static System <u>5</u> F/Min			
The aircraft and/or component(s) on N14NP was repaired and/or inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Work performed IAW Advanced Avionics Solutions Repair Station #ADAR984D. Pertinent details of the work performed are on file at this repair station under Work Order No. 2783-08-2022, Dated 8/10/2022.			
DATE: 8/10/2022 SIGNED:  Work Order: 2783-08-2022 Tyler Huck Certified Repair Station No. ADAR984D Printed by EBis 3 (datcomedia.com)			
10/15/2022	497.2	523.7	ELT BEACON Reregistration



MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
12/16/2022	497.2	523.7	UPDATED G3X TOUCH SOFTWARE TO VERSION 9.13. [REDACTED]
			[REDACTED]
2/1/2023	497.2	523.7	SERVICE BULLETIN 16-03-28. CHECK FOR AILERON HINGE BRACKET CRACKS. NO CRACKS FOUND. [REDACTED]
			[REDACTED]
2/1/2023	497.2	523.7	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D TO PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATIONS. [REDACTED]
			[REDACTED]

MAINTENANCE RECORD

Date	Tach Time	Total Time	Description or Inspections, Tests, Repair and Alterations
3/1/2023	497.2	523.7	SERVICE BULLETIN 00036-REV 3, CHECK FOR CRACKING OF HORZ. STAB, REAR SPAR AT THE OUTBOARD ELEVATOR HINGE BRACKET. NO CRACKS FOUND. [REDACTED]
8/14/2023	528.6	558.2	UPDATED G3X TOUCH SOFTWARE TO VERSION 9.22 [REDACTED]
8/22/23	532.4	562.6	ELT BEACON REGISTRATION, EXPR. 8/10/25