



# AIRCRAFT AND ENGINE LOG BOOK

**N** 983PB

LOGBOOK # 1

DATES FROM 2/2019

TO: \_\_\_\_\_

DATE 20 _____	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
<u>Vertical Lift Maintenance Solutions LLC 2205 East 36<sup>th</sup> St Kearney NE 68847</u>						
08/06/25 N983PB Vans RV-12iS2 S/N 12077 A/C TT 406.7						
The Following Maintenance Was Performed:						
#1) Pilot Reported Loss of power, with fuel pressure dropping. After landing and shut down, both fuel pumps were inop. Troubleshoot Fuel Pumps, connectors, swapped switches. No fix. C/W SB 00041, Found Pumps intermittently ran, but changed pitch as moving the cannon plug. C/W SB 00058, Changing HIC, to P/N AV-60009-2, Reworking Sheetmetal, and Rewiring. Both fuel pumps Ops check good, All Ops checks called for with SB were complied with.						
#2) During troubleshooting, found #4 exhaust spring broken. Replaced springs.						
#3) Ground ran A/C, electrically Ops checked system, Ops checked good. Fuel pressures during "Run Up" good. Removed Cowling, after Ground run, Exhaust springs, and exhaust pipe Ok, and sealed.						
<u>I certify that this Aircraft has been Repaired IAW with Vans Aircraft, Rotax, Maintenance Manuals, and was determined to be in airworthy condition.</u>						
James Sanchez A&P 3617223 08/06/25 						
08/06/25	406.7	REAR'D	120 BATTERY	TOTALS THIS PAGE		
		P/N	RTX 900, OPS CHECK GOOD.	AMT. FORWARD		
			AT 361 7223	TO-DATE TOTAL		

[illegible]

DATE 20 <u>22</u>	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
<u>5/31/22</u>					REMOVED WING FLIZATION KIT PARTS WASHED CARW #338066	

BRUNGARD AVIATION LLC

3323 Airport Rd. Boulder, CO 80301 (303) 440-4791

Date: 6/27/2023

Reg: N983PB

AFTT 376.60

Tach: 376.60

Make: Vans

Model: RV12iS

Serial: 12077

1) Opened aircraft for annual inspection. Serviced battery. Removed all wheels, inspected brakes and discs. All okay. Removed, cleaned, inspected and repacked all wheel bearings. Lubed all control rods, quadrants, flight controls as required. Performed ignition switch check. All okay. Performed ELT checks. All okay. Installed new E.04.0 ELT battery. ELT Battery date: MAY 2028.

I certify that this AIRFRAME has been inspected in accordance with 14CFR Part 43 Appendix D, Annual inspection guidelines and was determined to be in airworthy condition.

Ken Ellis A&P/IA 264847469

						TOTALS THIS PAGE
						AMT. FORWARD
						TO-DATE TOTAL

DATE  
20 24

FACTORY AND / OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS

A.D. NOTES AND OTHER UPGRADES

LIST NOTICE NO. AND DATES

11/7

Airframe Logbook Entry

Journeys Aviation

N983PB

Date: 11/07/2024

Total Time: 377.5

Tach: 374.8

Vans RV-12 iS2

S/N: 12077

Annual inspection completed on this date in accordance with Vans RV-12 manual. Lubed and inspected all controls and verified movement. Performed operational check no faults detected. 100hr inspection due Tach 474.8 Hrs. Inspected ELT in accordance with FAR 91.207(d). Complied with SL 19-11-08 per the requirements of the controlling authority. Complied with service Bulletin 00041 per step 3, no pitch/tone change of the fuel pump while wiggling the bundle/connector at the AV-60009HIC module, Next due November 2025. I certify that this aircraft has been inspected in accordance with Annual inspection, using the scope and detail of appendix D part 43, as a guide, and was determined to be in an airworthy condition. Maintenance performed according to current VANS RV-12 maintenance manual.

END

Number: A&P 3996877 IA

Name: Enrique Ibarra

Airframe Logbook Entry

Journeys Aviation

N983PB

Date: 7/11/2025

Total Time: 391.9

Tach: 388.8

Vans RV-12 iS2


S/N: 12077



Removed and replaced fuel pump number 1 fuse . Maintenance performed according to current VANS RV-12 maintenance manual.


END

Number: A&P 3996877 IA

Name: Enrique Ibarra

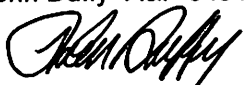
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	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
<i>Mountain Aircraft Maintenance, Inc</i> P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387						
<b>January 21, 2022 Tach 327.4</b> <b>N983PB Vans Aircraft RV-12iS S/N 12077</b>						
Complied with Service Bulletin 00041 per step 3, no pitch / tone changes of the fuel pumps while wiggling the bundle / connectors at the AV-60009 HIC module. Next due January 2023. John Duffy A&P 3491366 						
					TOTALS THIS PAGE	
					AMT. FORWARD	
					TO-DATE TOTAL	


DATE 20 _____	FACTORY AND / OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES
	<b>April 7, 2022 Tach 339.8 Total Time 341.1</b> <b>N983PB Vans Aircraft RV-12iS S/N 12077</b>
➤ Complied with Service Bulletin 00053 by installation of tail cone bulkhead stiffener clips. No cracks in skin noted. ➤ Complied with Service Bulletin 00041 per step 3, no pitch / tone changes of the fuel pumps while wiggling the bundle / connectors at the AV-60009 HIC module. Next due April 2023.	
Accomplished 12 Month condition inspection in accordance with Vans RV12iS Maintenance Manual inspection check list. Inspected aircraft and installed components for general condition, corrosion and security of installation. Inspected flight control systems for proper rigging and travel. Inspected wing, tail, control and fuselage surfaces for condition and security. All exterior and interior lighting checked for proper operation. Serviced and lubricated airframe and components as required. Repacked all wheel bearings. Top charged main ship battery. Cleaned air filter. Cleaned oil tank. Rotated (flipped) left and right main tires. Inspection and test of ELT per FAR 91.207 (d) ok. Battery replacement due June 2023. <i>I certify that this aircraft has been inspected in accordance with an ANNUAL CONDITION inspection and was determined to be in a condition for safe operation.</i> John Duffy A&P 3491366 	

DATE	TIMES FOR TODAY				Description of day to day service. <small>List part No. &amp; sizes etc.</small>	TACH
	TOTAL	TOTAL	TOTAL	TOTAL		
20	<i>Mountain Aircraft Maintenance, Inc</i>					
	P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387					
	<b>March 2, 2021 Tach 277.4 Total Time 278.3</b>					
	<b>N983PB Vans Aircraft RV-12iS S/N 12077</b>					
	<ul style="list-style-type: none"> <li>➤ Complied with Service Bulletin 00013 by replacement of No 1 and No 2 exhaust stacks. Installed new No 3 exhaust stack. Installed all new exhaust springs.</li> <li>➤ Complied with Service Bulletin 00023-Rev1 by replacement of WD-1221 engine mount standoff with new engine mount standoff P/N WD-01221-1. No further action required.</li> <li>➤ Complied with Service Letter 00022 by installation of flaperon pivot guide spacer. No further action required.</li> </ul>					
	Accomplished annual condition inspection in accordance with Vans RV12iS Maintenance Manual inspection check list. Inspected aircraft and installed components for general condition, corrosion and security of installation. Inspected flight control systems for proper rigging and travel. Inspected wing, tail, control and fuselage surfaces for condition and security. All exterior and interior lighting checked for proper operation. Serviced and lubricated airframe and components as required. Repacked all wheel bearings. Top charged main ship battery. Inspection and test of ELT per FAR 91.207 (d) ok. Battery replacement due June 2023. I certify that this aircraft has been inspected in accordance with an ANNUAL CONDITION inspection and was determined to be in airworthy condition. John Duffy A&P 3491366 IA					
						
					TO-DATE TOTAL	

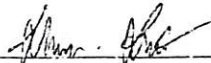

MODIFICATIONS, CHANGES, ALTERATIONS OTHER UPGRADES NO. AND DATES	
Transponder- <i>N983PB</i> Tests and Inspections required by 14CFR 91.413(a), Part 43 Appendix F have been performed as follows: Transponder Model <i>GTX 335R</i> S/N <i>4YB020033</i> Pertinent details on file under WO# <i>410PS</i> Dated <i>3/3/2021</i> A/C TTAF <i>280.3</i> DNT Avionics CRS# 6DNR881C Signature <i>Danny Pinson</i>	
<i>4/12/21</i>	<i>REMOVED WINTERIZATION KIT FROM AIR INTAKE. P/N #3330646</i>
<i>4/23/21</i>	<i>RE-REGISTRATION OF ELT BEACON ID: 2DC88 ABC32 FFBFF</i>
	<i>COMPLETED THIS DATE WITH NOAA GOV. EXPIRATION 4/23/2023.</i>
	<i>COMMERCIAL #3330646</i>
<i>10/16/21</i>	<i>REINSTALL WINTERIZATION KIT IN AIR INTAKE P/N #3330646</i>

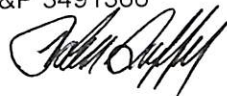


DATE 20____	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
<p><i>Mountain Aircraft Maintenance, Inc</i></p> <p>P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387</p> <hr/> <p><b>February 15, 2020    Tach 134.6    Total Time 135.0</b>  <b>N983PB    Vans Aircraft RV-12iS    S/N 12077</b></p> <ul style="list-style-type: none"> <li>➤ Complied with Service Bulletin 19-08-16 by inspection of AV-60000 and AV-60009 modules by Vans Aircraft. Both modules ok per Vans Aircraft, no further action required.</li> <li>➤ Complied with Service Bulletin 19-08-26 by installation of new P/N WD-1201-1 nose gear leg in accordance with Service Bulletin Method of Compliance, no further action required.</li> </ul> <p>Accomplished annual condition inspection in accordance with Vans RV12iS Maintenance Manual inspection check list. Inspected aircraft and installed components for general condition, corrosion and security of installation. Inspected flight control systems for proper rigging and travel. Inspected wing, tail, control and fuselage surfaces for condition and security. All exterior and interior lighting checked for proper operation. Serviced and lubricated airframe and components as required. Repacked all wheel bearings. Top charged main ship battery. Installed cowl winterization kit N 19-09-03 in accordance with drawing 55iS/U. Tightened fuel line at shut off valve inlet. Inspection and test of ELT per FAR 91.207 (d) ok. <i>I certify that this aircraft has been inspected in accordance with an ANNUAL CONDITION inspection and was determined to be in airworthy condition.</i> John Duffy A&amp;P 3491366 IA</p> <p></p>						

DATE 20	FACTORY AND / OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES
	<i>Mountain Aircraft Maintenance, Inc</i> P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387
	<b>April 9, 2020 Tach 161.5</b> <b>N983PB Vans Aircraft RV-12iS S/N 12077</b>
	Complied with SB 20-01-17 all engine plugs saftied as required. John Duffy A&P 3491366 


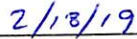


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<div style="border: 1px solid black; padding: 5px;"> <p><b>Pacific Coast Avionics</b> <span style="float: right;"><b>CRS OPXR455L</b></span></p> <p>Registration: N983PB    Make: Vans Aircraft Inc    Model: RV-12IS    S/N: 12077    Tach: N/A    Hobbs: 4.4</p> <p>Performed the 14 CFR 91.413 certification of the Garmin GTX-35R transponder SN: 4YB020033 and found the system to meet the requirements stated in 14 CFR 43 Part Appendix F.</p> <p>The 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 Van's Aircraft, work order 29726A.</p> <p>Signature:     Date: 2-21-2019</p> </div>						
<p><i>Mountain Aircraft Maintenance, Inc</i></p> <p>P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387</p> <p style="text-align: center;"><b>April 10, 2019    Tach 24.8</b></p> <p style="text-align: center;"><b>N983PB    Vans Aircraft RV-12iS    S/N 12077</b></p> <p>Removed and cleaned fuel pre filter IAW AMM page 13-13. Reinstalled pre filter and pressurized fuel system. No leaks noted. John Duffy A&amp;P 3491366</p> <p style="text-align: right;"></p>						

DATE 20	FACTORY AND / OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES
	<p><i>Mountain Aircraft Maintenance, Inc</i></p> <p>P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387</p> <p style="text-align: center;"><b>December 3, 2019    Tach 115.9</b></p> <p style="text-align: center;"><b>N983PB    Vans Aircraft RV-12iS    S/N 12077</b></p> <p>Rotated (flipped) right and left main tires on respective wheel assembly. Serviced tires to 25 psi.</p> <p>John Duffy A&amp;P 3491366</p> <p style="text-align: right;"></p>
	<p><i>I REINSTALLED THE 406 MHz FLT BEACON ON N983PB, BEACON ID # 2DC88 ABC32 FFBFF ON 6/21/2019 WITH THE NOAA SALSAT BEACON REGISTRATION TEAM. THE REGISTRATION EXPIRES 6/21/2021.</i></p> <p><i>John Duffy A&amp;P 3491366</i></p>



[illegible]

DATE 20 _____	FACTORY AND / OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES	
	<p>This aircraft has been inspected in accordance with the requirements of Van's Aircraft, Inc.'s Maintenance Manual DOC 12 MM-IS REV 2 11/15/18 for a condition inspection and was found to be in a condition for safe operation.</p>	
	<p>               Augustus Funnell, VP Operations, Van's Aircraft           </p>	
	<p>               Date           </p>	

## ENGINE DATA

MAKE <b>ROTAX</b>	NOTES
MODEL <b>912iS SPORT</b>	
SERIAL # <b>7704523</b>	
H.P.:      MAX RPM:	
REDUCTION RATIO:      H.P.:	
FUEL WITH:	
OIL TYPE:      MIX RATIO:	
RECOMMENDED T.B.O.:	
MAKE	NOTES
MODEL	
SERIAL #	
H.P.:      MAX RPM:      PLUG GAP:	
REDUCTION RATIO:      H.P.:	
FUEL WITH:	
OIL TYPE:      MIX RATIO:	
RECOMMENDED T.B.O.:	

## AIRCRAFT DATA

MAKE <b>VAN'S AIRCRAFT</b>	NOTES
MODEL <b>RV-12iS SLSA</b>	
SERIAL # <b>12077</b>	
N # <b>N1983PB</b>	
MFG. DATE: <b>2/19</b> DATE IN SERVICE:	
SPAN:      LENGTH:      HEIGHT:	
GROSS WT.:      EMPTY WT:	
WING LOADING      lbs. / sq. ft.	
FUEL CAP:	
LOAD FACTORS +      -	
STALL SPEED:	
CRUISE SPEED:	
BEST CLIMB:	
BEST GLIDE:	
Vne:	

# RECORD OF OWNERSHIP

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