

AIRCRAFT AND ENGINE LOG BOOK

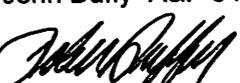
N 983PB

LOGBOOK # 1

DATES FROM 2/2019

TO: _____

DATE	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			
20						
<u>Vertical Lift Maintenance Solutions LLC 2205 East 36th 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	4/06.7	R&R'D	12U BATT/ENY		TOTALS THIS PAGE	
		P/N	BTX 900, OPS CHECK GOOD.		AMT. FORWARD	
		2023	1413617223		TO-DATE TOTAL	

DATE	FACTORY AND / OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES	
20		
 MOUNTAIN AIRCRAFT <small>MAINTENANCE INC.</small> <small>STEAMBOAT SPRINGS, CO</small>		
April 7, 2022 Tach 339.8 Total Time 341.1 N983PB Vans Aircraft RV-12iS S/N 12077		
<ul style="list-style-type: none"> ➤ 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. <p>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</p> <p style="text-align: center;"></p>		

DATE	TIMES FOR TODAY		Description of day to day service. List part No's, sizes, etc.	TACH
	TOTAL	TOTAL		
20	<i>Mountain Aircraft Maintenance, Inc</i>			
	P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387			
	March 2, 2021 Tach 277.4 Total Time 278.3			
	N983PB Vans Aircraft RV-12iS S/N 12077			
	<ul style="list-style-type: none"> ➤ 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. ➤ 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. ➤ Complied with Service Letter 00022 by installation of flaperon pivot guide spacer. No further action required. <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. 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</p> <p><i>John Duffy</i></p>			
			TO-DATE TOTAL	

Transponder- N983PB
 Tests and Inspections required by 14CFR 91.413(a),
 Part 43 Appendix F have been performed as follows:
 Transponder Model GTX 335R S/N 4YB020033
 Pertinent details on file under WO# 410PS
 Dated 3/3/2021 A/C TTAF 280-3
 DNT Avionics
 CRS# 6DNR881C

Signature Danny Pinson

MODIFICATIONS, CHANGES, ALTERATIONS OTHER UPGRADES NO. AND DATES	
4/12/21	REMOVED WINTERIZATION KIT FROM AIR INTAKE. <i>Pln #3330646</i>
4/23/21	RE-REGISTRATION OF ELT BEACON ID: ZDC88 ABC32 FFBFF COMPLETED THIS DATE WITH NOAA GOV. EXPIRATION 4/23/2023. <i>Pln</i> COMMERCIAL #3330646
10/16/21	REINSTALL WINTERIZATION KIT IN AIR INTAKE <i>Pln #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			

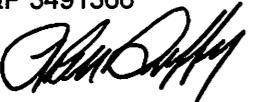
Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

June 29, 2020 Tach 200.8
N983PB Vans Aircraft RV-12iS S/N 12077

Complied with Safety Directive 00001 by installation of pitch trim output shaft bushing. All work accomplished in accordance with SD00001 and KAI Section 11is/U. Operational check of pitch trim system checks good. ELT SARSAT Beacon Registration sticker installed on ELT cover plate. ELT Beacon ID: 2DC88 ABC32 FFBFF registration expires June 21, 2021. ELT battery expiration date June 29, 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
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Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

August 25, 2020 Tach 239.6
N983PB Vans Aircraft RV-12iS S/N 12077

Installed new Goodyear Flight Special II and new Michelin inner tubes on left and right main wheel assemblies. Repacked wheel bearings and serviced tires to 25 psi. John Duffy A&P 3491366



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			

Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

February 15, 2020 Tach 134.6 Total Time 135.0
N983PB Vans Aircraft RV-12iS S/N 12077

- 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.
- 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.

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 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

John Duffy

DATE 20_____	FACTORY AND / OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS		
	A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES		

Mountain Aircraft Maintenance, Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

April 9, 2020 Tach 161.5
N983PB Vans Aircraft RV-12iS S/N 12077

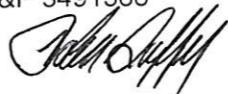
Complied with SB 20-01-17 all engine plugs saftied as required. John Duffy A&P 3491366

John Duffy

DATE 20_____	TIMES FOR TODAY			FUEL /OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
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<p>Pacific Coast Avionics Registration: N983PB Make: Vans Aircraft Inc Model: RV-12iS S/N: 12077 Tach: N/A Hobbs: 4.4 CRS OPXR455L</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: Shawn Smith</p> <p><u>2-21-2019</u> Date: 2/21/2019</p>					
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<p>Mountain Aircraft Maintenance, Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387</p> <p>April 10, 2019 Tach 24.8 N983PB Vans Aircraft RV-12iS S/N 12077</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&P 3491366</p> <p></p>					
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<p>Mountain Aircraft Maintenance, Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387</p> <p>December 3, 2019 Tach 115.9 N983PB Vans Aircraft RV-12iS S/N 12077</p> <p>Rotated (flipped) right and left main tires on respective wheel assembly. Serviced tires to 25 psi. John Duffy A&P 3491366</p> <p></p> <p>I REGISTERED THE 406 MHz ELT BEACON IN N983PB, BEACON ID # 2DC88 ABC32 FF BFF ON 6/21/2019 WITH THE NOAA SARSAT BEACON REGISTRATION TEAM. THE REGISTRATION EXPIRES 6/21/2021. R. T. MARSHALL COMMERCIAL REG. #3330646.</p>	

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><i>A. Funnell</i> _____ <u>2/18/19</u> _____ Augustus Funnell, VP Operations, Van's Aircraft Date</p> <p>I certify this aircraft has been ground and flight tested in accordance with the RV-12 Production Acceptance Procedures document and in accordance with ASTM F2245-16c and found that the aircraft performance is acceptable throughout its normal flight parameters.</p> <p><i>A. Funnell</i> _____ <u>2/18/19</u> _____ Augustus Funnell, VP Operations, Van's Aircraft Date</p>

ENGINE DATA

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

AIRCRAFT DATA

NOTES		
MAKE	VAN'S AIRCRAFT	
MODEL	RV-12iS SLSA	
SERIAL #	12077	
N #	N983PB	
MFG. DATE:	2/19	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

NAME [REDACTED]	NAME [REDACTED]
ADDRESS [REDACTED]	ADDRESS [REDACTED]
CITY [REDACTED] ST [REDACTED] ZIP [REDACTED]	CITY [REDACTED] ST [REDACTED] ZIP [REDACTED]
FROM: 2/2019 TO: [REDACTED]	FROM: [REDACTED] TO: [REDACTED]
NAME [REDACTED]	NAME [REDACTED]
ADDRESS [REDACTED]	ADDRESS [REDACTED]
CITY [REDACTED] ST [REDACTED] ZIP [REDACTED]	CITY [REDACTED] ST [REDACTED] ZIP [REDACTED]
FROM: [REDACTED] TO: [REDACTED]	FROM: [REDACTED] TO: [REDACTED]