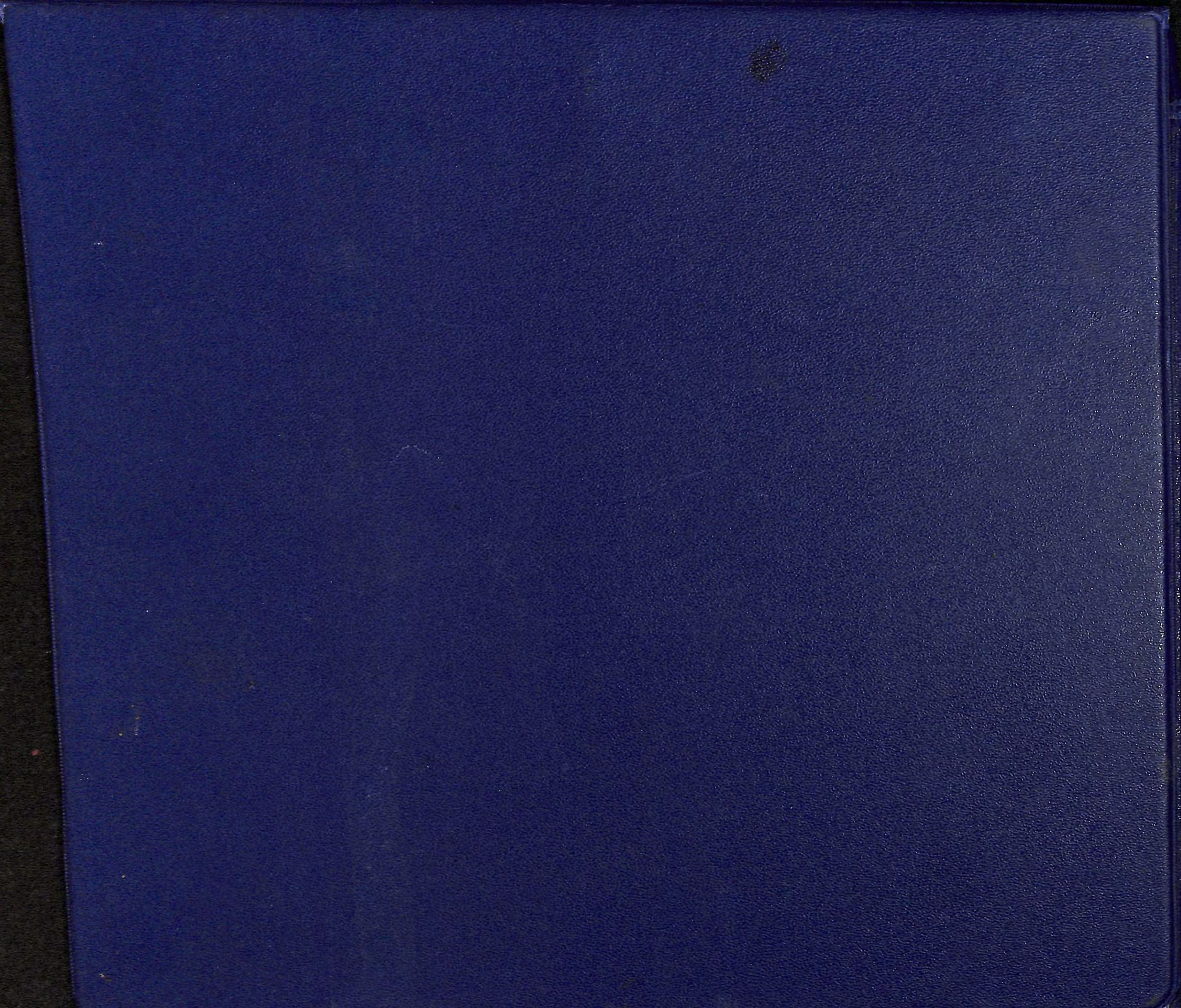




[illegible]

Year: Date	HOBBS Time	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.
2024 1/5/24	1994.7		FUEL LEAKAGE FROM RIVET ON FRONT OF GAS TANK. AIRCRAFT GROUNDING. ROBERT JONES <i>Signature</i>
1/12/24	1994.8		APPLIED PRO SEAL OVER RIVET, WAITED 3 DAYS + NO LEAK. FILLED TANK + FLEW A/C. NO LEAKS. ROBERT JONES <i>Signature</i>
1/17/24	1997.8		ROUGH RIVETED FUEL LINE DURING ENGINE REMOVAL FOR FLIGHT. WITH "B" IDENTIFICATION OFF, FUEL LINE RANNS ROUGH. ROBERT JONES <i>Signature</i> AIRCRAFT GROUNDED. ROBERT JONES <i>Signature</i>
2/28/24	2032.3		Replace Voltage Regulator w/ ALCOA ADVANCED Voltage controller 14V(XB100-2), INVOICE AT BACK. UPDATED DYKOW HDB MAP/CHARTS DATABASE REMOVED & REPLACED VANS RV12-HARNNESS- REMOVE & REPLACED 12VDC COOLING FAN FROM PX SIDE. Fixed canopy locking screws. DAVID VALIQUETTE / <i>Signature</i>

THE PILOT'S HANGAR

HANGAR # 12
150 AIRPORT AVENUE EAST
VENICE, FLORIDA 34208
PHONE / (920) 395 3333
E-MAIL / ANDRE@PILOTHANGAR.COM



CERTIFIED FACTORY TECHNICIANS: ANDRE EL GHAWI - A&P / IA

Date: March 30th 2024

Tail Number: N 199 CH

Aircraft Make/Model: VANS / RV12

Engine Make: ROTAX 912 ULS / 2

Prop Make/Model/ SN: Sensenich / R70E / 4454465

Serial Number: 120818

Engine SN: 9144399

HUB / SN: 2A0R5-F

TTAF: 2041.6

TTSN: 349.4

2 Blades SNs: 213264F

Airframe Condition Inspection:

CW VANS AIRCRAFT MAINTENANCE MANUAL 100HRS/ANNUAL INSPECTION CHECKLIST. Checked Airframe against all applicable SBs.
ELT tested in accordance with 92.207 (d) (1 through 4) and found to be operational. ELT Battery Expiry Date: AUG 2025. Removed / Replaced both Main
Landing Gear Tires with New (5.00X5 - 6 Ply / Goodyear /Flight Special II, PMS05CG1-8) & New Inner Tubes). Visual inspection on front landing tire and checked break-
out Turning Tension @ 22 ft/lbs. Topped brake reservoir with MIL-H-5606 fluid, Removed / Inspected / Cleaned / Reinstalled sealed bearings and lubed
both Wheel Bearing Braces. Discrepancies: None found at this time.

I certify that this Airframe has been inspected on March 30th 2024, IAW the Aircraft Manufacturer Inspections Checklist and the full scope of 14 CFR
part 43 Appendix D and was found to be in a condition for safe operation at this time.

ANDRE EL GHAWI 3906573 A&P / IRMT:

Signature of Andre El Ghawi

4/27/24	2055.60	2056.6	Remove & Replace front carpeting. Cleaning. Fit.
			DAVID VALIQUETTE / <i>Signature</i> LSPM-A 387909B

Year: Date	HOBBS Time	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.
11/26/23	1964.3	54	Nose wheel set to 20LBS TORQUE. <i>DAVID VALIQUETTE</i>
11/26/23	1964.3		DYNON BATTERY BACKUP TEST COMPLETED/PASSED TEST PERFORMED ON 11/26/23. <i>DAVID VALIQUETTE</i>
12/9/23	1982.2	71.9	• Rotate main Landing gear-tires • Replace Pilot Side inner bearing due to a Broken Seal
			• Grease/Pack Bearings, Torque castel nut w/ New cotter pins. <i>DAVID VALIQUETTE</i>
12/19/23	1988.0	77.7	 Airframe Date: 12/19/2023 MAKE: Vans Aircraft Inc S/N: 120818 REG #: N199CH HOBBS: 1988.0
			Performed ELT Inspection and Self-Test IAW ACK Technologies Inc. E-04 ELT Installation/Operation Manual Rev 1.12 Sections 9 and 10.
			Performed operational check, no faults found.
			Roman N. Golyan A&P4644497
1/28/23	1993.5		Remove both air filters, Clean, wash and re-oil w/KEN spray oil, - Re-install and safety wire. <i>DAVID VALIQUETTE</i>
1/5/24	1994.8		FUEL LEAKED FROM RIVET ON FRONT FUEL TANK OF FUEL TANK. ACFT GROUNDED FORGOT FUEL LEAK REPAIRS WITH RESIN. <i>DAVID VALIQUETTE</i>
1/12/24	1994.8		LEAK TESTED TANK, NO LEAKS. <i>DAVID VALIQUETTE</i>

Year: Date	HOBBS Time	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.
			 Sarasota Avionics Inc. Venice Airport (VNC) 120 West Airport Ave Venice FL 34285 N199CH RV 12 SN: 120818 Date: 3/9/2023 Work Order: 13807 The transponder (DYNON SV-261 / SN: 03701) was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. The Automatic pressure altitude reporting equipment was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14 CFR 91.217. I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed. <i>[Signature]</i> for Sarasota Avionics Inc. CRS S0QR632X
4/29/23	1818.7		REPLACED ALL SEATTLE PADS LEFT RIGHT, PERO AND BURN-IN PER MATEO MANUAL. REPLACED 1 WHEEL BEARING ON WHEEL. REPLACED MAIN GEAR TIRES WITH GOODYEAR 8.0X5 + TUBES 5.1045. GREASED NOSE WHEEL + SET TENSION TO 18 LBS. ^{100 PSI} <i>[Signature]</i>
4/29/23	1818.7		COMPLIES WITH SB-10059 FOR BT REPAIRING THE CARBON LATCH BLOCK WITH C-0120.5-3. WHEN WORKS CORRECTLY. REPAIR TOWNS <i>[Signature]</i>
5/9/23	1827.5		COMPLIES WITH SCHEDULE, STABILIZER CHUCK BOLD REPAIR TOWNS <i>[Signature]</i>
5/27/23	1856.5		GREASED & TOOK TENSION OF FRONT WHEEL <i>[Signature]</i>
7/10/23	1894.5		REMOVED DYNON SKYVIEW TOUCH, EXPORTED SETTINGS TO USB DRIVE, INSTALLED DYNON SKYVIEW HDX S/N 035633, IMPORTED SETTINGS, FORMATTED BOTTOM BAR ENGINE MONITOR SETTINGS, MATCHED HDX SETTINGS TO PREVIOUS DYNON TOUCH, NO DISCREPANCIES NOTED, TEST RAN HDX, RETURN AIRCRAFT TO SERVICE SCOTT SHEVIN
			2710508 P.F.

Year: Date	HOBBS Time	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.
1/2/23	1692.2	1692.2	INSTALLED NEW ROTAX ENGINE, SAV-144-399. <i>Robert J. Jones</i>
			NO DYNAL DISPLAY INSTALLED, NO FUELING ROWN. ROBERT J. JONES <i>Robert J. Jones</i>
1/3/23	1692.2	1692.2	INSTALLED DYNAL DISPLAY + AUTOPILOT PANEL.
			SEE ENGINE LOG FOR AFTER FRAME PROCEDURES PERFORMED
			ROBERT J. JONES JR <i>Robert J. Jones</i>
1/3/23	1693.4		

Airframe & Engine Support



PIPER • CESSNA • BEECHCRAFT
GULFSTREAM • LEARJET • CITATION • HAWKER

3 January 2023
N199CH
RV-12
SN 120818

Hobb's - 1693.4

C/W ELT inspection I/A/W FAR.91.207
Note: Battery Expires: AUG 1 2025

[Signature]
2734393 JAS

1/3/23	1694.4		Owner Name: FLYSRQ INC	Serial Number: 120818	TTAF: 1694.4
			N Number: N199CH	Engine SN: 9-144-399	TTSN 1.2
			Aircraft Type: VANS / RV12		
			Engine Model: ROTAX / 912ULS		
			Date: Jan 3 rd 2023		
			ENGINE: NEW Installation		
			Performed both Mechanical & Pneumatic Synchronization to a satisfactory level. Ran engine and performed operational and fuel leak check. No leaks detected and Ops check OK. Returned the engine to service for work described above. END.....		
			<i>[Signature]</i>		
			Andre El Ghawi - A&P 39064573		

[illegible]

Year: Date	HOBBS Time	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.
WO: 1642 FFM FLORIDA FLIGHT MAINTENANCE Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 941-485-1149 AIRFRAME · page 1 of 1			
			VANS, RV12, S/N: 120818 March 29, 2022 N199CH TACH: 1518.4 TTSN: 1518.4 1. AIRFRAME CONDITIONAL INSPECTION. C/W VANS AIRCRAFT / RV12 INSPECTION CHECKLIST. CHECKED AIRFRAME SB. TEST ELT IAW FAR 91.207(d). BATTERY DUE DATE AUGUST 2025. SWAPPED MLG TIRE POSITIONS AND INSPECTED BEARINGS AND BRAKES, REPLACED RIGHT BRAKE PADS P/N M66-106. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AMM INSPECTION CHECKLIST AND THE FULL SCOPE OF 14 CFR PART 43 APPENDIX D AND WAS FOUND TO BE IN A CONDITION FOR SAFE OPERATION. 2. R/R RIGHT SIDE BRAKE PADS. 3. REPAIR WIRE BUNDLE CHAFFING IN INSTRUMENT PANEL. OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 1642. Jason Woodling A&P 3579178 <i>[Signature]</i>
5/7/22	1570.0	1570.0	INSTALLED SERVICE BOMBING SB-00053, INSTALLED STIFFENING CLIPS ON ALL 3 BULKHEADS. <i>[Signature]</i>
5/7/22	1570.0	1570.0	PILOT SIDE CANOPY GUIDE TAB SAME OFF. <i>[Signature]</i> RIVETS + INSTALLED TAB WITH NEW RIVETS. <i>[Signature]</i>
5/10/22	1576.5	1576.5	TAXIATION NOT OPERATIONAL.
WO: 1835 FFM FLORIDA FLIGHT MAINTENANCE Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 941-485-1149 ENGINE · page 1 of 1			
NOVE			
TO			
ROTAX			
SECTION			
35			
			N199CH ROTAX 1576.5 TACH: 1518.4 ETTSN: 1518.4 June 10, 2022 ENGINE P/N: UNDEFINED, SN: 6 783 808, TT TACH: 1518.4 REMOVE ENGINE AND REPLACE STATOR ASSY P/N 891 095. REINSTALL ENGINE. FUNCTIONAL CHECK RUN. OPERATIONAL CHECK IS SATISFACTORY. Details of work performed are on file with Florida Flight Maintenance under work order: 1835. Gene Antini Airframe & Powerplant I.A. 57503505 <i>[Signature]</i>
5/10/22	1616.4		FUEL LEAK AT CONNECTOR FOR FERRARIS RETURN LINE AT THE BULKHEAD. LINE HAD NO BERRARIS WAS LOOSE. APPARENTLY FERRARIS DID NOT TIGHTEN. ENGINE RAN. NO LEAKS OBSERVED. <i>[Signature]</i>

Year: Date	HOBBS Time	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.
2021/10/14/21	1325.0	1125.0	GREASED NOS12 WHEEL + SET TENSION TO 30LBS. ROBERT J JONES JR. <i>Thompson</i>
10/11/21	1324.0	1324.0	REBURSTOR AIR FILTERS REMOVED, CLEANED, OILED, REINSTALLED. SAFETY WIRED. <i>TERENCE J. LEE</i>
11/26/21	1364.8		CANOPY CRACKED PAT SIDE BOTTOM. AIRCRAFT G-BAWDED <i>Thompson</i>
 FFM FLORIDA FLIGHT MAINTENANCE AIRFRAME - page 1 of 1 Florida Flight Maintenance - 160 East Airport Ave - Venice, FL 34285 - 941-485-1149 VANS, RV12, S/N: 120818 December 03, 2021 N199CH TACH: 1336.3 1. AIRFRAME CONDITIONAL INSPECTION. C/W VANS AIRCRAFT / RV12 INSPECTION CHECKLIST. CHECKED AIRFRAME SB. TEST ELT IAW FAR 91.207(d). BATTERY DUE DATE AUGUST 2025. SWAPPED MLG TIRE POSITIONS AND INSPECTED BEARINGS AND BRAKES. REPLACED RIGHT BRAKE PADS P/N M66-106. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AMM INSPECTION CHECKLIST AND THE FULL SCOPE OF 14 CFR PART 43 APPENDIX D AND WAS FOUND TO BE IN A CONDITION FOR OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 1285. Gene Antini Airframe & Powerplant I.A. 57503505 			
1/9/22			AUDIO FUSE BLOWN.
1/10/22			REPLACED 3A AUDIO FUSE. OKS ALL FUSES RUMBLE ALL ELECTRICAL. FUSE DID NOT BLOW. <i>Thompson ROBERT J JONES JR</i>
1/15/22			REPLACED 3A Audio Fuse. Ground up checks OK <i>TERENCE J. LEE</i>

Year: Date	HOBBS Time	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.
6/22/21	1200.7	1200.7	INSTALLED REPLACEMENT FUEL TANK(2). LEAK CHECKED
			NO LEAKS FOUND. TEST FLIGHT COMPLETED - RTS
			TERRANCE J. LEE <i>Terrance Lee</i>

WO: 0841

AIRFRAME page 1 of 1

FFM
FLORIDA FLIGHT MAINTENANCE

Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 9253953333

N199CH
TACH: 1223.0

VANS, RV12, S/N: 120818

July 09, 2021

1. Airframe Conditional Inspection: CW Vans Aircraft / RV12 Inspection Checklist. Checked Airframe against all applicable SBs. ELT tested in accordance with 92.207 (d) (1 through 4) and found to be operational. ELT battery due AUG 2025. R/R Main Landing Gear Tires and tubes. Removed / Lubed front landing tire and checked Turning Tension IAW AMM. Serviced brake system with fluid and lubed calipers. Minor Crack on Front outer Upper RHS Avionics cover panel.

I certify that this Airframe has been inspected on July 9th 2021, IAW the Aircraft Manufacturer Inspections Checklist and the full scope of 14 CFR Part 43 Appendix D and was found to be in a condition for safe operation.

2. R/R MLG TIRES AND TUBES. TIRES: GOODYEAR FLIGHT SPECIAL II 5.00 X 5 / 6, P/N 505C61-8, S/N 10620125 AND 10240083. 2 X INNER TUBES 5.00 X 5 P/N TR-67. REPLACED RIGHT BRAKE PADS.

3. REMOVE THE DASH COVER PANEL, CLEAN, ETCH, ALODINE SURFACE AND RESEAL COVER SURFACES.

OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 0841.

JIM PETRO A&P 2805772 *Jim Petro*

WO: 0956

AIRFRAME page 1 of 1

FFM
FLORIDA FLIGHT MAINTENANCE

Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 9253953333

N199CH
TACH: 1262.1

VANS, RV12, S/N: 120818

August 19, 2021

1. R/R MAIN LANDING GEAR WHEEL BEARINGS AND LEFT BRAKE PADS P/N WHLBR-1 KIT, M66-106.

2. R/R PITOT LINE THROUGH ENGINE COMPARTMENT. Installed (4) 05-03597 - FUEL LINE, SU-PER FLEX 1/4.

OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 0956.

JIM PETRO A&P 2805772 *Jim Petro*

9/9/21	1281.3	1281.3	LOST LOWER COWLINT UPPER PLW(SHORT). MADE 2 NEW PWS WITH 3/32 WHEEL PDS. INSTALLED.
			ROBERT J. JONES JR <i>Robert Jones Jr</i>
9/28/21	1319.7		GAS CAP HARD TO REMOVE. RELEASE GAS CAP WITH TURN WRENCH. (DO NOT TIGHTEN)
			<i>Jim Petro</i>

Year: Date	HOBBS Time	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.
wo: 0675 FFM FLORIDA FLIGHT MAINTENANCE Florida Flight Maintenance - 160 East Airport Ave - Venice, FL 34285 - 9255953333 AIRFRAME - page 1 of 1			
N199CH TACH: 1083.7		VANS, RV12, S/N: 120818	April 28, 2021
Airframe Conditional Inspection: CW Vans Aircraft / RV12 Inspection Checklist. Checked Airframe against all applicable SBs. ELT tested in accordance with 92.207 (d) (1 through 4) and found to be operational. No date expiry found on ELT battery. ELT manufacture Date: 15 Apr 2015. Rotated Main Landing Tyers / Replaced the Bearing due to broken seals. Removed / Lubed front landing tyer and checked Turning Tension IAW AMM. Replaced Front Pitot Tube with new. Serviced brake system with fluid and lubed calipers. Discrepancies: Minor fuel Leak on outer front corner of tank. Recommend immediate attention to it. Minor Crack on Front outer Upper RHS Avionics cover panel. I certify that this Airframe has been inspected on April 28th 2021, IAW the Aircraft Manufacturer Inspections Checklist and the full scope of 14 CFR Part 43 Appendix D and was found to be in a condition for safe operation. Details of work performed are on file with Florida Flight Maintenance under work-order: 0675. ANDRE GHAWI AIRFRAME & POWERPLANT I.A. 3906573 			
4/29/21			REMOVED FUEL TANK DUE TO LEAK IN FRONT PILOT SIDE, LOWER. SENT OUT FOR REPAIR. ROBERT JONES <i>ThudJen</i>
5/7/21			INSTALLED GAS TANK. (ORIGINAL TANK) LEAK CHECKED, NO LEAKS FOUND AFT RT'S. ROBERT JONES <i>ThudJen</i>
05/09/21	1086.1	1086.1	INSTALLED ELECTRIC FUEL PUMP SWITCH OTTO P/N KIABAPCABA IN L/H SIDE OF INSTRUMENT PANEL. CONFIGURED SKYVIEW EFIS TO MONITOR AND DISPLAY ELEC. FUEL PUMP STATUS. <i>Ben ULD</i> BENJAMIN UPGARD A3P3384712
06/22/21	1200.7	1200.7	REMOVED FUEL TANK (ORIGINAL) DUE TO LEAK AROUND AFT RIVET LINE - TOP SIDE - 6 TH RIVET FROM OUTBOARD EDGE. SENT FOR REPAIR - TERRANCE J. LEE <i>Terrance J. Lee</i>

Year: 2021 Date	HOBBS Time	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.
01/26	949.5	949.5	REWEIGHED AIRPLANE. NEW EMPTY WEIGHT: 776 LBS.
			NEW EMPTY ARM: 81.60 IN NEW EMPTY
			MOMENT: 63,321.58 IN-LBS.
			RECALIBRATED FUEL QTY INDICATOR.
			ADJUSTED TRIM MOTOR ROD END FOR PROPER
			ANTI-SERVO TRAVEL.
			BLVD BENJAMIN UPGRADE APP 3384712
02/13	968.9	968.9	1) INSTALLED NEW R/H AND L/H MAIN TIRES
			GOODYEAR FLIGHT SPECIAL 11 5.00-5
			6 PLY AND GOOD YEAR TUBES P/N
			302-013-400.
			2) CLEANED AND INSPECTED AND PACKED
			R/H MAIN WHEEL BEARINGS W/
			MOBIL-28 GREASE
			3) PACKED AND INSTALLED NEW L/H MAIN
			WHEEL BEARINGS MATCO P/N WHLM-
			6700LA (2 ea.)
			4) REPLACED L/H AND R/H BRAKE LININGS
			AND PERFORMED GLAZING PROCEDURE.
			BLVD BENJAMIN UPGRADE APP 3384712
3/17/21			REPLACED SAFER SCREW ON ELEVATOR SERVO.
			AUTOPILOT OPS ✓ GOOD. AUTOPILOT RTS.
			ROBERT J JONES JR. (Signature)

SRO Avionics

8191 N. Tamiami Trail B2 Sarasota, FL 34243

Date: 4/7/2021 Work Order: 18180

N199CH; Model: RV-12; SN: 120818; Hobbs: 1037.5

VFR:

Trig TT22 Transponder PN: 00745-00-C3 SN: 03701 was tested, inspected and found to comply with App F of 14 CFR 43 and 14 CFR 91.413. Automatic pressure altitude reporting equipment TT22 SN: 03701 was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14 CFR 91.217. ADS-B operational in accordance with 91.227.

Ramp tested operational.

I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.

(Signature)

Larry Viergever for Sarasota Avionics Inc. QVOR957X



Year: <u>2020</u> Date	HOBBS Time	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.
10/16	886.5	886.5	C/W SB 16-05-23 BY INSPECTION NO CRACKS
10/29	906.4	906.4	WERE FOUND. <u>BUD</u> BENJAMIN UPGARD A3P 3384712
10/29	906.4	906.4	
10/29	906.4	906.4	C/W SB 16-05-23 BY INSPECTION NO CRACKS
			WERE FOUND. <u>BUD</u> BENJAMIN UPGARD A3P 3384712
11/26	927.3	927.3	C/W SB 16-05-23 BY INSPECTION. NO CRACKS
			WERE FOUND. <u>BUD</u> BENJAMIN UPGARD A3P 3384712
12/01	930.3	930.3	C/W SB 00023 DATED 11/20/20 BY
			INSPECTION. NO CRACKS WERE FOUND.
2021 ↓			<u>BUD</u> BENJAMIN UPGARD A3P 3384712
			21-January-2021 N199CH Van's RV-12 S/N 120818 Hobbs: 943.2 C/W Annual/100 Hour Condition Inspection. C/W 1-Year ELT Inspection I/A/W FAR91.207d. Batteries Expire: August 19, 2025. Removed bad ELT antenna cable and replaced with new. Checked all Van's RV-12 Aircraft service bulletins for compliance. C/W SB-16-05-23 Inspect Nose Fork for Cracks - removed and replaced new Nose Fork I/A/W Van's installation instructions - COP. C/W Van's SB-19-08-26 "Nose Gear Leg Replacement by installing new gear leg I/A/W Van's Installation Manual - COP. C/W Van's SB-14-11-03 "Wing Spar to Skin Rivet Wear" Removed wing, installed doubler and rivets I/A/W Service Bulletin instructions and reinstalled wings - COP. C/W Van's SB-00026 Throttle Return Spring Retention Plate, installed new throttle spring plates I/A/W Van's installation instructions - COP. C/W Van's SB SD-00001 Pitch Trim Motor Replacement. Removed and installed new Trim Tab motor and tray I/A/W Van's installation instructions - COP.
			21-January-2021 N199CH Van's RV-12 S/N 120818 Hobbs: 943.2 C/W SB-16-08-01 Stabilator Bearing Inspection. Tested bearing I/A/W SB inspection procedures - No "Play" detected. SB-00023 Ring Mount Stand-off Inspection. Unbolted engine from airframe, unbolted stand-off mount from firewall, Installed new ring mount stand-off I/A/W Van's installation instructions - COP. Drilled out top instrument cover rivets, removed broken rivplate and replaced with new - COP. C/W Van's SB-16-08-24 "Inspection of Loose Engine Mount Bracket Rivets" Drilled out rivets and replaced with new I/A/W Van's installation instructions - COP. Removed and installed 8 new exhaust springs, safety wired and applied RTV Silicone. Calibrated Trim to Dynon. I certify this aircraft has been inspected I/A/W Van's inspection and maintenance procedures and was found to be in a condition for safe operation. All work completed I/A/W Van's M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO12820. Signature: <u>Joseph A. Benton</u> Joseph A. Benton, A&P 3138153
01/24	945.6	945.6	REPLACED VOLTAGE REGULATOR P/N 965349.
			INSTALLED 3 NEW SPADE TERMINALS ON
			VOLTAGE REGULATOR WIRE CONNECTIONS.
			PERFORMED GROUND RUN OPS CHECK OF
			CHARGING SYSTEM - ALL OK.
			<u>BUD</u> BENJAMIN UPGARD A3P 3384712

Year: <u>2020</u> Date	HOBBS Time	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.
09/20	850.0	850.0	(CONT. FROM PREV. PAGE)
			IAW VAN'S NOTIFICATION 15-10-01
			(5) REPLACED F-1259-E FUEL LINE (BETWEEN
			ELEC. PUMP AND SHUTOFF VALVE). LEAK
			CHECKED ALL DISTURBED FUEL CONNECTIONS.
			NO LEAKS WERE PRESENT.
			(6) SB-00005 WAS COMPLIED WITH ON
			09/16/20 BY SHAYNE MORRIS BY INSTALLATION
			OF NEW EXHAUST PIPES VAN'S P/N EX-00017-2
			AND EX-00015-1.
			<u>B. VAN D</u> BENJAMIN UPGRADE A/P 3384712
09/24	850.7	850.7	REPAIRED BROKEN FUEL QUANTITY
			INDICATOR WIRE NEAR ELT.
			THOMAS Ponce Thomas PERRAULT PRVT PILOT
			CERT # 3254134
10/01/20	864.0	864.0	C/W SR 16-05-23 BY INSPECTION. NO
			CRACKS WERE FOUND. Pump/Gen
10/09/20	876.2	876.2	REPLACED AIRCRAFT BATTERY, ODYSSEY EXTREME
			PC680, WITH SAME (NEW) BATTERY.
			OPS ✓ GOOD. Pump/Gen

WD-0307

AIRFRAME - page 1 of 1



Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 9253953333

N199CH
TACH: 850.7

September 23, 2020

REMOVED MLG STRUTS TO REPAIR BRAKE LEAKS AT TOP STRUT FITTINGS. SEALED FITTINGS WITH PERMATEX PX59214. REPLACED MLG STRUTS, TORQUED FITTING BOLTS AND SERVICED BRAKES.

OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 0307.

ANDRE GHAWI AIRFRAME & POWERPLANT I.A. 3906573

André Ghawi

Year: 2020 Date	HOBBS Time	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.
09/07	843.4	843.4	(1) INSTALLED NEW R/H EST PROBE DYNON P/N 100405-001 REV L.
			(2) C/W SB 16-05-23 BY INSPECTION. NO CRACKS WERE FOUND
			(3) C/W SB 00005 BY INSPECTION. NO CRACKS WERE FOUND.
			<i>B. W. D.</i> BENJAMIN UPGARAD AIP 3384712
09/09	847.8	847.8	REMOVED R/H AND L/H MAIN WHEELS AND ROTATED TIRES ON WHEELS. INSTALLED NEW GOODYEAR 5.00-5 TUBE IN R/H TIRE. CLEANED, INSPECTED AND GREASED WHEEL BEARINGS W/ MOBIL 28 GREASE, L/H INNER WHEEL BEARING WAS REPLACED W/ NEW BEARING MATCO P/N WHLLM0700LA. REINSTALLED R/H AND L/H MAIN WHEELS.
			<i>B. W. D.</i> BENJAMIN UPGARAD AIP 3384712
9/16	850.0	850.0	Performed 100 hr inspection. IAW Vans Maintenance Manual. Inspection complete when I found one replaced. P) ELT Battery replaced and signed off by A.P. Therese J Morris 3231362 AIP Max Duss
09/20	850.0	850.0	(1) REPLACED ELT BATTERY. NEW BATTERY ACK P/N E-04.0 INSTALLED. PERFORMED SATISFACTORY ELT SELF CHECK.
			(2) REPAIRED 1 IN. LONG CRACK IN LOWER FUSE. SKIN F-1282-L JUST FWD OF F-1208 BULKHEAD BY STOP DRILLING CRACK AND INSTALLING DOUBLER PATCH.
			(3) REMOVED, PAINTED AND REINSTALLED FLAP HANDLE.
			(4) SHORTENED FLAP HANDLE BUTTON SPRING (CONT. ON NEXT PAGE)

Year: <u>2020</u>	HOBBS Time	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.
WO: 0255  FFM FLORIDA FLIGHT MAINTENANCE Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 9253953333 AIRFRAME · page 1 of 1 August 6, 2020 N199CH Tach: 790.9 REMOVED LEFT WING AND REPLACE LIGHTING CONNECTOR PINS. FOUND BAD CRIMP ON NAV LIGHT PIN, AND GROUND CONNECTOR. OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 0255. ANDRE GHAWI AIRFRAME & POWERPLANT I.A. 3906573 			
08/13	797.9	797.9	REMOVED NOSE WHEEL. INSTALLED NEW 5.00-5 6 PLY GOODYEAR FLIGHT SPECIAL 11 TIRE P/N 505C61-8 AND GOODYEAR 5.00-5 TUBE. BALANCED AND RE-INSTALLED WHEEL. C/W SB 16-05-23 BY INSPECTION. NO CRACKS WERE FOUND. <u>Bm Und</u> BENJAMIN UPGRADED A3P 3384712
08/23	808.6	808.6	REMOVED GPS ANT./REC. (DYNION GPS-2020) FROM FIREWALL MOUNT AND INSTALLED ON TAILCONE AFT OF REAR WINDOW. GPS SIG. OPS. CHECK OK. REPLACED R/H CHT SENSOR CONNECTOR. R/H CHT OPS. CHECK OK. <u>Bm Und</u> BENJAMIN UPGRADED A3P 3384712
08/31	821.1	821.1	C/W SB 16-05-23 BY INSPECTION. NO CRACKS WERE FOUND. C/W SB 00005 BY INSPECTION. NO CRACKS WERE FOUND. <u>Bm Und</u> BENJAMIN UPGRADED A3P 3384712

Year: 2020 Date	HOBBS Time	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.
WO: 0204  FFM FLORIDA FLIGHT MAINTENANCE Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 9253953333			AIRFRAME - page 1 of 1
N199CH Tach: 655.1			July 16, 2020
1. REMOVE REAR WINDOW AND REPLACE WITH NEW WINDOW IAW MANUFACTURE'S SERVICE INSTRUCTIONS. RESEALED WINDOW, PREPPED AND PAINTED SKINS WHERE PAINT CHIPPED.			
OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 0204.			
ANDRE GHAWI AIRFRAME & POWERPLANT I.A. 3906573			

07/17	768.3	768.3	REMOVED TRANSPONDER ANTENNA AND INSTALLED NEW ANTENNA DYNON P/N 102608-000. REPLACED D-SUB CONNECTOR SCREWS IN GPS ANTENNA CONNECTOR C/W SB 16-05-23 BY INSPECTING NOSE LANDING GEAR FORK. NO CRACKS WERE FOUND.
08/01	787.1	787.1	(1) REPLACED GPS ANTENNA/RECEIVER. NEW DYNON GPS SV-GPS-2020 S/N 10665 INSTALLED (2) STOP DRILLED CRACK IN R/H REAR EDGE OF CANOPY. (3) C/W SB 16-08-24 BY INSPECTION. NO LOOSE RIVETS FOUND. (4) C/W SB 16-08-01 BY INSPECTION. NO STAB - TAIL CONE INTERFERENCE PRESENT AFTER THUMPING EACH SIDE OF STAB. (5) C/W SB 16-05-23 BY INSPECTION. NO CRACKS WERE PRESENT. (6) C/W SB 14-11-03 BY INSPECTION. NO LOOSE RIVETS PRESENT.

Ben Und BENJAMIN URGARD A3P 3384712

Year: _____	HOBBS Time	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.
Date			

WO: 0138 AIRFRAME - page 1 of 1

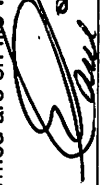
 **FFM**
FLORIDA FLIGHT MAINTENANCE
Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 9416001791

N199CH
Tach: 655.1

June 20, 2020

1. CONDITIONAL / ANNUAL AIRFRAME INSPECTION. I certify that this aircraft has been inspected on June 18th 2020, IAW the Manufacturer Aircraft Inspections Checklist and full scope of 14 CFR Part 43 Appendix D and was found to be in a condition for safe operation.

OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 0138.

ANDRE GHAWI AIRFRAME & POWERPLANT 3906573 

WO: 0155 AIRFRAME - page 1 of 1

 **FFM**
FLORIDA FLIGHT MAINTENANCE
Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 9416001791

N199CH
Tach: 655.1

June 20, 2020

1. REMOVE AND REPLACE MAIN GEAR with MLG kit P/N U-01220-L-1-PC & U-01220-R-1-PC and associated hardware.
2. R/R MOLEX CONNECTORS FOR LANDING LIGHT.

OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 0155.

ANDRE GHAWI AIRFRAME & POWERPLANT 3906573 

WO: 0217 AIRFRAME - page 1 of 1

 **FFM**
FLORIDA FLIGHT MAINTENANCE
Florida Flight Maintenance · 160 East Airport Ave · Venice, FL 34285 · 9253953333

N199CH
Tach: 655.1

June 12, 2020

INSPECTED ELT IAW FAR 91.207(d). ELT BATT DUE DATE: 05/2021.

OPERATIONAL CHECK IS GOOD AND ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE MAINTENANCE MANUALS. Details of work performed are on file with Florida Flight Maintenance under work order: 0217.

ANDRE GHAWI AIRFRAME & POWERPLANT I.A. 3906573 

Year: Date	HOBBS Time	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.
05/19	669.2	669.2	(CONT.) ENLARGED TAIL CONE FAIRING HOLE TO ALLOW FOR SERVO LINKAGE CLEARANCE AT FULL NOSE DOWN TRIM AND FULL NOSE DOWN STABILATOR POSITION. CHECKED CLEARANCE THROUGHOUT REMAINING STAB. AND TRIM TABS TRAVEL. NO INTERFERENCE WAS FOUND. Bm Und BENJAMIN UPGARD AIP 3384712
05/27	691.1	691.1	C/W SB 16-05-23 BY INSPECTING NOSE LANDING GEAR FORK FOR CRACKS. NO CRACKS WERE FOUND. Bm Und BENJAMIN UPGARD AIP 3384712
05/28	708.8	708.8	REPLACED RIGHT MAIN TIRE WITH GOODYEAR RETREAD 5.00 X 5. REPLACED RIGHT MAIN BRAKE BRAKE & BOTH OUTER BEARING/SEAL. BRAKE GRIND TESTED OK. REPLACED INNER TUBE. REMOVED NOSE WHEEL FORK AND PACKED WITH GREASE, SET TO 18 LBS. Rheoffany ROBERT J JONES JR
05/30	708.8	708.8	REPLACED LEFT MLG TIRE WITH GOOD YEAR RETREAD 5.00 X 5. REPLACED LEFT MLG TUBE. REPLACED L/H BRAKE PADS. C/W SB 16-05-23 NOSE GEAR INSPECTION. TERRANCE J. LEE TERRANCE J. LEE
6/6	714.1	714.1	C/W SAFETY DIRECTIVE D0017 (VANS) VISUALLY VERIFIED FUEL FLOWING OUT OF T-1215 FUEL RETURN LINE INTO FUEL FILLER NECK. NYLON SHOWS 1.7 GPH FLOW. TERRANCE J. LEE TERRANCE J. LEE

Year: <u>2020</u> Date	HOBBS Time	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.
04/10	607.2	607.2	REPLACED FUEL PRESSURE SENSOR. INSTALLED
			NEW SENSOR DYNON P/N 101690-000.
			COMPLETED GROUND RUN AND LEAK CHECK.
			FUEL PRESSURE WAS NORMAL AND NO LEAKS
			WERE FOUND.
			CLEANED AND LUBED BRAKE PEDAL PIVOT
			POINTS (AEROSHELL 5)
			BUND BENJAMIN UPGARD A3P 3384712
04/17	607.8	607.8	REMOVED ELECTRIC FUEL PUMP AND
			INSTALLED ES40135 PUMP IAW N 18-07-12
			DATED 07/12/2018. COMPLETED GROUND
			RUN AND LEAK CHECK. FUEL PRESSURE
			WAS NORMAL AND NO LEAKS WERE FOUND
			Robert J. Jones Jr.
04/28	620.2	620.2	ROTATED RH MAIN TIRE ON WHEEL. CLEANED
			INSPECTED AND PACKED RH MAIN WHEEL BEARINGS
			W/ MOBIL 28 GREASE.
			INSTALLED THERMOSLEEVE ON GASOLATOR TO
			FUEL PUMP HOSE. LEAK CHECKED ALL
			DISTURBED FITTINGS. NO LEAKS WERE FOUND
			C/W SB-16-05-23 BY INSPECTION. NO
			CRACKS WERE FOUND.
			BUND BENJAMIN UPGARD A3P 3384712
05/17	665.1	665.1	C/W SB-16-05-23 BY INSPECTION. NO
			CRACKS WERE FOUND.
			BUND BENJAMIN UPGARD A3P 3384712
05/19	669.2	669.2	C/W SD 00001 DATED 05/14/20 BY
			INSPECTING PITCH TRIM MOTOR SHAFT.
			ES MST5-T3-7A-2 IS INSTALLED AND
			NO BEND WAS FOUND IN SHAFT. MOTOR
			IS DUE FOR REPLACEMENT @ 1000 HRS (CONT)

Year: <u>2020</u> Date	HOBBS Time	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.
02/07	520.1	520.1	(CONT.) LEAK CHECK - NO LEAKS WERE PRESENT WORK PERFORMED BY TOM PERRAULT.
			B-L-U-D BENJAMIN UPGARD AIP 3384712
02/19	544.2	544.2	REMOVED LH MAIN TIRE AND TUBE. INSTALLED NEW AERO TRAINER 5.00-5 6 PLY TIRE AND AERO CLASSIC 5.00-5 TUBE P/N GL-5067B.
			B-L-U-D BENJAMIN UPGARD AIP 3384712
02/22	547.4	547.4	REPLACED VOLTAGE RECTIFIER/REGULATOR. PERFORMED GROUND RUN AND CHECKED FUNCTION - NEW RECT/REG PERFORMING NORMALLY. WORK PERFORMED BY DJ GRANT AND BRETT WILLIAMSON.
			B-L-U-D BENJAMIN UPGARD AIP 3384712
03/15	580.0	580.0	REMOVED, CLEANED, INSPECTED, LUBED AND REINSTALLED NOSE GEAR FORK. C/W SB 16-05-23 BY INSPECTION. NO CRACKS WERE FOUND. C/W SB 20-01-17 BY INSTALLING SAFETY WIRE ON ENGINE PLUGS. (EXCEPT OIL TANK. QUICK DRAIN IS INSTALLED). REMOVED R/H WING, CLEANED SEE WING ROOT CONNECTOR BLOCK AND REINSTALLED WING.
			B-L-U-D BENJAMIN UPGARD AIP 3384712
3/31	603.2	603.2	Performed 100 hr inspection IAW 1449 work Spec. CW SB16-08-24, SB16-08-01, SB16-05-23, and SB14-11-04, performed EIT function check IAW FAR 91.207(d) Check qual. battery change due 05/2021.
			Therese J Morris 3231362 AIP Thayerd mms

Year: 2020 Date	HOBBS Time	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.
01/05	468.7	468.7	REMOVED FUEL TANK AND INSTALLED NEW VAN'S AIRCRAFT FACTORY BUILT TANK. LEAK CHECKED TANK AND ALL FUEL LINE CONNECTIONS NO LEAKS WERE FOUND. AIP 3384712 BUND BENJAMIN UPWARD
01/07	474.2	474.2	PERFORMED 100 HR INSPECTION IAW VAN'S WORK SHEET PERFORMED ECT FUNCTION CHECK IAW FAR 91.207(d). CHECK GOOD. BATTERY CHARGE DUE 5/2021. THIS AIRCRAFT IS O.K. FOR CONTINUED SERVICE. STRAPE & MORRIS 3231342 APC SHAFER MUES
01/14	482.2	482.2	REMOVED R/H AND L/H WINGS AND LUBED WING SPAR STUBS. REINSTALLED WINGS. BUND BENJAMIN UPWARD AIP 3384712
01/16	489.9	489.9	1) REPLACED ROLL SERVO SHEAR SCREW 2) INSTALLED NEW FUEL VENT AIR LINE BUND BENJAMIN UPWARD AIP 3384712
01/30	513.6	513.6	COMPLIED WITH N17-12-08 "CANOPY LATCH/ HANDLE UPGRADE" BY INSTALLING UPGRADE KIT IN ACCORDANCE W/ LETTER DATED 12/08/2017. BUND BENJAMIN UPWARD AIP 3384712
02/04	518.1	518.1	REMOVED FUEL RETURN LINE AND RE-FLARED AN FITTING CONNECTION AT TANK SIDE. REINSTALLED TUBE AND PERFORMED LEAK CHECK - NO LEAKS FOUND. BUND BENJAMIN UPWARD AIP 3384712
02/07	520.1	520.1	REPLACED R/H BRAKE PISTON O-RING P/N MSC2-222 AND R/H BRAKE PADS BLED RH BRAKES AND PERFORMED (CONT.)

Aircraft Maintenance Logbook

Dates From: 12/20/19 To: _____

General Information

Manufacturer: VAN'S AIRCRAFT, INC. Model: RV-12
Serial Number: 120818 Registration Number: N199CH
Date of Manufacturer: 03/12/2016

Engine Currently Installed

Manufacturer: ROTAX Model: 912ULS Serial Number: 6 783 808

Propeller Currently Installed

Manufacturer: _____ Model: _____
Hub Model: _____ Serial Number: _____
Blade Model: _____ Serial Number: _____
Blade Model: _____ Serial Number: _____

Registered Owner Record

Name: FLY SRQ, INC. Address: 412 67TH AVE W
From: 04/24/19 To: _____ City: BRADENTON State: FL ZIP: 34207

Name: _____ Address: _____
From: _____ To: _____ City: _____ State: _____ ZIP: _____

Name: _____ Address: _____
From: _____ To: _____ City: _____ State: _____ ZIP: _____

AIRCRAFT AND ENGINE LOG BOOK

3/2013
N 199CH

LOGBOOK # 1

DATES FROM MARCH 2016

TO: DECEMBER 20, 2019

DATE 20 <u>19</u>	FACTORY AND/OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES
12/17	(CONT.)
ACTT: 440.0	10) C/W SB 16-08-01 "STABILATOR BEARING INSPECTION". NO INTERFERENCE FOUND BETWEEN STABILATOR AND TAIL CONE. <u>BUND</u> BENJAMIN UPGARD A:P 338471Z
12/20	1) CHANGED ENGINE OIL AND FILTER. REMOVED INSPECTED AND
ACTT:	REINSTALLED MAGNETIC PLUG. CUT OPEN FILTER AND INSPECTED
444.1	FOR CONTAMINATION. NO ABNORMAL MATERIAL WAS FOUND.
	INSTALLED NEW OIL FILTER ROTAX P/N 825 016. SERVICED
	ENGINE W/ 3 L AEROSHELL SPORT-4 OIL. RAN ENGINE AND
	PERFORMED LEAK CHECK. NO LEAKS FOUND.
	2) APPLIED ANTI-SEIZE TO EXHAUST BALL JOINTS. REPLACED
	EXHAUST SPRINGS P/N 938 796 (8 EA.).
	3) CHECKED PROPELLER HUB CLAMP BOLT TORQUE.
	<u>BUND</u> BENJAMIN UPGARD A:P 338471Z

DATE 20 <u>19</u>	FACTORY AND/OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES
12/02	1) CHANGED ENGINE OIL AND FILTER. REMOVED. INSPECTED AND REINSTALLED MAGNETIC PLUG. CUT OPEN FILTER AND INSPECTED FOR CONTAMINATION. NO ABNORMAL MATERIAL WAS FOUND.
398.0	INSTALLED NEW OIL FILTER ROTAX P/N 825 016. SERVICED ENGINE W/ 3 L AEROSHELL SPORT +4 OIL. RAN ENGINE AND PERFORMED LEAK CHECK - NO LEAKS WERE FOUND.
	2) FLUSHED FUEL PRESSURE SENDER HOSE.
	3) CLEANED AND INSPECTED GASOLATOR SCREEN.
	<u>BUN</u> BENJAMIN UPGARD AIP 3384712
12/12	1) INSTALLED TWO RAY ALLEN 6101 STICK GRIPS ON R/H AND L/H CONTROL STICKS.
429.5	2) REPAIRED BROKEN CONNECTIONS IN R/H AND L/H NAV-STROBE LIGHT CONNECTORS. <u>BUN</u> BENJAMIN UPGARD AIP 3384712

DATE 20 <u>19</u>	FACTORY AND/OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES
12/17	1) REPLACED R/H MAIN TIRE (AERO TRAINER 5.00-5) AND TUBE (P/N GL-5067B)
440.0	2) ROTATED L/H MAIN TIRE ON WHEEL.
	3) CLEANED, INSPECTED AND RE-PACKED L/H AND R/H MAIN WHEEL BEARINGS W/ MOBIL 28 GREASE.
	4) CLEANED, INSPECTED AND LUBRICATED NOSE GEAR PIVOT BUSHING W/ MOBIL 28 GREASE.
	5) REPAIRED BROKEN CONNECTION IN LANDING LIGHT WIRING.
	6) INSTALLED NOISE FILTER CAPACITOR P/N UBXIV33IMHL IN PARALLEL W/ FUEL PRESSURE SENSOR.
	7) REPLACED FUEL CAP O-RING.
	8) C/W 58 14-11-03 "WING SPAR RIVET WEAR" BY INSPECTION. NO LOOSE RIVETS WERE FOUND.
	9) C/W 58 16-05-23 "NOSE GEAR FORK INSPECTION". NO CRACKS WERE FOUND.
	(CONT.)

DATE 20 <u>19</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>11/8</u>	<u>3430</u>	-				
					I certify that I have inspected this aircraft	
					on <u>11/8/2019</u> in accordance with the	
					scope and detail of Appendix D, FAR Part	
					43 and found it to be in a condition for safe operation	
					Shayne D. Morris A&P 3231362, <u>Shayne D Morris</u>	
<u>11/09</u>	ACTT: <u>3430</u>	<u>C/W</u>		<u>SB-15-03-05</u>	BY INSTALLING NEW	
	<u>FLOATS</u>	<u>IN R/H CARBURETOR</u>		<u>P/N 861189 (2ea)</u>	<u>FLOATS</u>	
	<u>IN L/H CARBURETOR</u>	<u>REPLACED</u>		<u>05/07/19</u>	(CONT ON NEXT PAGE)	
					TOTALS THIS PAGE	
					AMT. FORWARD	
					TO-DATE TOTAL	

DATE 20 <u>19</u>	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKES, MODELS, SERIAL NUMBERS.
		(CONT.) REPLACED IGNITION MODULE MOUNTING
		BRACKET P/N 851481.
		ADJUSTED STABILATOR CABLE TURNBUCKLES TO
		ALLOW STABILATOR TO REACH UP AND DOWN STOPS.
		<u>B.U.D</u> BENJAMIN UPGARD
		A3P 3384712
<u>11/24</u>	ACTT: <u>375.4</u>	REMOVED FUEL TANK, SEALED LEAKS AND
		REINSTALLED TANK. LEAK CHECKED ALL REMOVED
		<u>SV</u>
		FITTINGS AND TANK - OK. REMOVED <u>SB-ADSB470</u>
		AND INSTALLED DYNON <u>SV-ADSB-472</u> S/N <u>13594</u>
		<u>B.U.D</u> BENJAMIN UPGARD
		A3P 3384712

DATE 20 19	TIMES FOR TODAY			Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT	FUEL /OIL BOARDED	
ACTT 317.2, 10/27/2019				REPLACED CONTACT IN L/H NAV/STROBE	
				LIGHT CONNECTOR. B-U-C	
11/8 343.0				Comply with the following JB's:	
				JB-18-03-06 Springs replaced	
				JB-16-08-24 inspectors	
				JB-16-08-01 inspectors	
				JB-16-05-23 inspectors	
				JB-14-11-03 inspectors	
				JB-14-12-06 Not inspected	
				Shayne Morris 3231362 A&P Shape 0 Mun	
				TOTALS THIS PAGE	
				AMT. FORWARD	
				TO-DATE TOTAL	

DATE 20 19	FACTORY AND / OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES	
11/8	Replaced pilot bushing in Janner brake linings, RH MC Jack.	
	Replace seat tubing on cooling shroud.	
343.0	Shayne Morris 3231362 A&P Shape 0 Mun	
343.0	N 199CH TTSN: 343.0 ESN: 6183808 912 ULS	
	Comply with 100 hour inspection I.A.W. Rotax	
	Maintenance Manual. Perform oil change using 3 Qt.	
	of Aeroshell Motorcycle 10 W 40 and P/N	
	825010 Filter Comp: 18% 2) 79% 3) 79% 4) 79%	
	Changed Plugs using DCPR E & Gapped to .028	
	Shayne Morris 3231362 A&P Shape 0 Mun	
	*****END*****	

N199CH	Date: 08/22/2019	Make: Van's Aircraft Inc.	Model: RV-12	S/N: 120818	ACFT: 256.2
	Hobbs: 256.2	Engine Make: ROTAX	Model: 912 ULS	S/N: 6783808	ETT: 256.2

- 1) Removed Dynon Skyview SV-BAT-320 backup battery S/N 50629 and installed serviceable SV-BAT-320 S/N 5466.
- 2) Complied with Van's Aircraft **SB 14-11-03** "RV-12 wing skin/spar flange rivet wear" dated 12/31/2014 by inspection. No rivet wear was found.
- 3) Van's Aircraft **SB 18-07-05B** "Sensenich Propeller Inspection" dated 08/13/2019 is N/A by propeller hub S/N.
- 4) Van's Aircraft **SB 19-07-29** "Rotax SB-912-073 UL" dated 07/29/2019 is N/A by engine S/N. Original carburetors and jet needle circlips are installed.

Q. 2

Benjamin Uppgard

[illegible]

N199CH	Date: 10/07/2019	Make: Van's Aircraft Inc.	Model: RV-12	S/N: 120818	ACTT: 286.4
	Hobbs: 286.4	Engine Make: ROTAX	Model: 912 ULS	S/N: 6783808	ETT: 286.4

- 1) Changed engine oil and filter. Removed, inspected and re-installed magnetic plug. Cut open oil filter and inspected for contamination. No abnormal material was found. Installed new oil filter P/N **825 016**. Serviced engine with 3 L Aeroshell Sport + 4 10W-40 oil. Replaced oil quick drain seal P/N **250 010**. Ran engine and performed leak check. No leaks found.
- 2) Removed Dynon Skyview SV-D100T EFIS S/N **21827** and sent to Dynon Avionics for repair. Reinstalled EFIS after repair.
- 3) Sanded, primed and painted roll bar and cockpit sills.
- 4) Removed and disassembled R/H wheel. Rotated tire on wheel. Reassembled and reinstalled wheel.
- 5) Repaired excessive anti-servo tab play by replacing **F-1287D-R** and **F-1287D-L** anti-servo tab pushrod clevis plates and **AN665-21R** trim servo clevis tire rod.
- 6) Replaced trim servo butt splices with 9 pin D-Sub connectors.
- 7) Checked stabilator and anti-servo tab rigging using the procedure on page G-2 of Van's Aircraft RV-12 PAP rev. 4, dated 03/17/16.

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Benjamin Uppgard

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			

8-July-2019 NI99CH Van's RV-12 S/N 120818 Hobbs: 234.8
C/W Annual/100 Hour Condition Inspection. C/W 1-Year ELT Inspection I/A/W FAR91.207d, Batteries Expire: June 2020. Checked all Van's RV-12 Aircraft service bulletins for compliance. Removed and installed new MLG seals and bearings (COP) OP's checked good. C/W Van's SB16-05-23 Nose Fork Inspection. Inspected nose fork - no cracks detected. C/W Van's SB16-08-01 Stabilator bearing inspection. Performed inspection I/A/W service bulletin instructions - no movement found. C/W Van's SB19-03-22 - #2 Cylinder Exhaust Pipe Inspection - Removed #2 exhaust pipe and replaced with new #2 cylinder exhaust pipe (COP) with new nuts and exhaust springs. Added cotter pin to safety the bolt holding cabin heat door to actuation arm, loosened adel clamp that holds rod into place, slid over to provide clearance between cabin heat door and #4 exhaust pipe - OP's checked cabin heat door OK. Drilled out tailcone nut plate and replaced with new.

8-July-2019 NI99CH Van's RV-12 S/N 120818 Hobbs: 234.8
Disassembled LT MLG wheel, removed tire, cleaned rim parts, inspected tube and installed with new tire, reassembled and reinstalled wheel on aircraft, inflated to 25 psi - OP's & Leak checked OK. SB-18-03-06 Replace throttle spring return - P/C/W. SA-RV12 (3-17-11) Check welds on torque arms. Performed visual inspection of weld on torque arms - checked OK. SB-18-02-02 Potential cracking in horizontal Stabilator front spar P/C/W. SB-16-04-10 Switch module harness update. Removed PFD to gain access to both connectors described in SB. Moved pin 6 to pin 10 and pin 3 to pin 6 in switch module connector, reinstalled connectors and PFD - OP's checked good. SB-18-02-03 Anti-Servo tab skins inspection P/C/W. I certify this aircraft has been inspected I/A/W Van's inspection and maintenance procedures and was found to be in a condition for safe operation. All work completed I/A/W Van's M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO11967.

Signature: *Joseph A. Benton* Joseph A. Benton, A&P 3138153

DATE 20	FACTORY AND / OR RECOMMENDED MODIFICATIONS, CHANGES, ALTERATIONS A.D. NOTES AND OTHER UPGRADES LIST NOTICE NO. AND DATES	
	8-July-2019 NI99CH Sensenich Propeller Hobbs: 234.8 SB-18-07-05 Sensenich Propeller Inspection - N/A per propeller S/N. I certify this propeller has been inspected I/A/W Sensenich inspection and maintenance procedures and was found to be in a condition for safe operation. All work completed I/A/W Van's RV-12 M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO11967. Signature: <i>Joseph A. Benton</i> Joseph A. Benton, A&P 3138153	
07/14/19	REPAIRED L/H NAV/STROBE LIGHT CONNECTOR.	
ACTT:	REPLACED THREE (3) LOOSE MOLEX SOCKETS.	
239.1	<i>B.U.D</i> A3P 3384712	
07/28/19	DRAINED FUEL TANK AND RE-SEALED LEAKING RIVET IN FWD	
ACTT:	L/H SIDE OF FUEL TANK USING 3M AC-350 B-1/2 SEALANT.	
246.0	FILLED TANK AND PERFORMED 24 HR. LEAK CHECK.	
	NO LEAKS WERE PRESENT.	
	<i>B.U.D</i> A3P 3384712	

N199CH Date: 06/03/2019 Make: Vans Aircraft Inc. Model: RV-12 S/N: 120818 ACTT: 201.3
Hobbs: 201.3 Engine Make: ROTAX Model: 912 ULS S/N: 6783808 ETT: 201.3

- 1) Removed LH main wheel and rotated tire on wheel. Cleaned and repacked LH wheel bearing with Mobil 28 grease and reinstalled wheel assembly.
- 2) Adjusted spar pin warning sensors by trimming upper edge of WD-1217 spar pin tube IAW pg. 31-06, Step 4 of the Kit Assembly Instructions dated 12/31/09. RH pin trimmed 3/32". LH pin trimmed 1/16".

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6-5-19	204.1	204.1	Proper Balances Accomplished Per	
			ACER's Balancer Manual - FINAL - 06.I.P.S.	
			<i>Ben Uppgard</i>	
			A&P 1683301	
			TOTALS THIS PAGE	
			AMT. FORWARD	
			TO-DATE TOTAL	

N199CH Date: 06/08/2019 Make: Vans Aircraft Inc. Model: RV-12 S/N: 120818 ACTT: 212.6
Hobbs: 212.6 Engine Make: ROTAX Model: 912 ULS S/N: 6783808 ETT: 212.6

Changed engine oil and filter. Removed, inspected and re-installed magnetic plug. Cut open oil filter and inspected for contamination. No abnormal material was found. Installed new oil filter P/N 825 016. Serviced engine with 3 L Aeroshell Sport + 4 10W-40 oil. Ran engine and performed leak check. No leaks found.

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Benjamin Uppgard A&P 3384712

06/20/19 REPLACED THROTTLE CABLE W/ MCFARLANE P/N MCRV12-TV.
ACCT: PERFORMED MECHANICAL AND PNUMATIC CARB. SYNC.
228.0 IAW VAN'S AIRCRAFT RV-12 MAINTENANCE MANUAL
CHAPTER 12. *Ben Uppgard* A&P 3384712

N199CH Make: Vans Aircraft Inc.
Engine Make: ROTAX
Date: 05/10/2019

Model: RV-12
Model: 912 ULS
Hobbs: 167.4
S/N: 120818
S/N: 6783808
ETT: 167.4

ACTT: 174.6
ETT: 174.6

Removed RH main tire and tube. Installed new Aero Trainer 5.00-5 tire and Aero Classic 5.00-5 tube
P/N GL-5067B.

B.U.D.
Benjamin Uppgard A&P 3384712

N199CH Make: Vans Aircraft Inc.
Engine Make: ROTAX
Date: 05/12/2019

Model: RV-12
Model: 912 ULS
Hobbs: 170.0
S/N: 120818
S/N: 6783808
ETT: 170.0

ACTT: 182.1
ETT: 182.1

- 1) Installed new NGK DCPR8E spark plugs (8 ea). Gapped plugs to 0.025 in.
- 2) Replaced worn cabin heat cable cushion clamps P/N's MS21919WCH8 (2 ea) and MS21919WCH3 (1 ea).
- 3) Safetied exhaust springs.

B.U.D.
Benjamin Uppgard A&P 3384712

N199CH Date: 05/16/2019 Make: Vans Aircraft Inc.
Hobbs: 174.6 Engine Make: ROTAX

Model: RV-12
Model: 912 ULS
S/N: 120818
S/N: 6783808

Replaced right and left brake pads and shoes using Matco Swiftline kit P/N SWFT-1E.

Thomas Perrault
Thomas Perrault

N199CH Date: 05/24/2019 Make: Vans Aircraft Inc.
Hobbs: 182.1 Engine Make: ROTAX

Model: RV-12
Model: 912 ULS
S/N: 120818
S/N: 6783808

Pitched propeller to 71.5 degrees.

B.U.D.
Benjamin Uppgard A&P 3384712

DATE 20 <u>19</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			
4-11-19	146	146			(R wing) removed play by replacing part No. W-1207B REAR SPAR WITH AN OVERSIZED PART (0.25" larger) FROM VAN'S C.D. HANCOCK, D.D. CERT. NO. 4141085 RL SA.	
4-18-19	146	146			REMOVED FUEL TANK AND RESEALED LEAKAGE, TESTED WITH AIR AND BALLOON AND REINSTALLED IN PLANE. C.D. HANCOCK, D.D. CERT. NO. 4141085 RL SA	
					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
4-18-19	REPORTED CABIN HEAT CABLE AS NOTED ON PRE-BUY INSPECTION. TO AVOID WEAR ON BRAKE LINES. ALSO CHECKED STABILATOR CABLE TENSIONS AND FOUND THEM ACCEPTABLE AS PER VAN'S SPEC (35 TO 45). OUR FINDINGS WERE 45 ON BOTH CABLES. ALSO REMEDIED VERY SLIGHT BRAKE FLUID LEAK. C.D. HANCOCK, D.D. CERT. NO. 4141085 RL SA
4-20-19	CHECKED FOR RIVET WEAR ON R+L WINGS, INBOARD ON LOWER SIDE (NEXT TO FUSELAGE). NO SMOKING OR ANY OTHER SIGNS OF WEAR. C.D. HANCOCK, D.D. CERT. NO. 4141085

DATE 20 <u>16</u>	TIMES FOR TODAY			FUEL / OIL BOARDED	Description of day to day service. List part No.s, sizes, etc. Other remarks	TACH TIME <u>Flaps</u>
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT			
11-5-16		5			Brought home - Freshly PAINTED	9.1
11-19-16	9.1	9.1				9.1
06-6-17	23.5	23.5			I certify that this aircraft has been inspected in accordance with a condition inspection and was determined to be in an airworthy condition.	
6-7-17	24.5	20.5			Swadlow Johnson A. P3454432 First Flight No problem	
					TOTALS THIS PAGE	
					AMT. FORWARD	
					TO-DATE TOTAL	

SN 2666460
 Radio GPH in SV-ADARS-200 SN 7271
 Traffic Weather Receiver (US only)
 SV-ADSB-470 SN 2855
~~SV-GPS-250~~
 SV-EMS-220 SN 5507
 SV-BAT-320 SN 5466
 SV-AP-PANEL/Vent AP control
 Mode 5 Transponder
 SV-XPNDR-161 SN 03701
 SV-KNOB-PANEL/Ventual SN 8194
 2-27-19 REPLACED
 SV-GPS-250
 (AD5-B IN + OUT)
 SN 2684

ORIGINAL Equip.

ENGINE DATA

MAKE ROTAX NOTES

MODEL 912 ULS2

SERIAL # 6783808

H.P.: 100 MAX RPM: 5800

REDUCTION RATIO: H.P.:

FUEL WITH:

OIL TYPE: MIX RATIO:

RECOMMENDED T.B.O.:

MAKE NOTES

MODEL

SERIAL #

H.P.: MAX RPM:

REDUCTION RATIO: PLUG GAP:

FUEL WITH: H.P.:

OIL TYPE:

RECOMMENDED T.B.O.: MIX RATIO:

AIRCRAFT DATA

MAKE Van's Aircraft Inc. NOTES

MODEL RV-12

SERIAL # 120818

N# 199CH

MFG. DATE: 6-29-16 DATE IN SERVICE: 7-13-16

SPAN: LENGTH: HEIGHT:

GROSS WT.: 1320 lbs EMPTY WT: 752

WING LOADING lbs. / sq. ft.

FUEL CAP: 19.8 gal

LOAD FACTORS +

STALL SPEED: 45 knots

CRUISE SPEED: 108 knots

BEST CLIMB: 4.75 KCAS 906 Ft/min

BEST GLIDE:

Vne: 136 knots

I certify that this aircraft was built with materials and instructions provided by Van's Aircraft Inc. I have inspected it and consider it eligible for an experimental airworthiness certificate for the purpose of operating light-sport aircraft under the provisions of 14 CFR part 21.191(i)(2).

Date 12 MAR 2016

I find that this aircraft meets the requirements for the certificate requested and have issued a special airworthiness certificate dated 12 MAR 2016. The next condition inspection is due 31 MAR 2017

DART-710500-SW