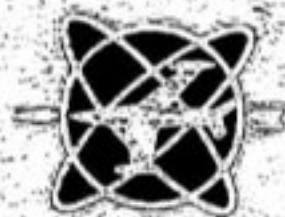


693-131

\$595<sup>+</sup>



*The Standard*

# AIRCRAFT LOG

*ASA-SA-1*

## Aircraft Record General Information

Manufacturer VAN'S AIRCRAFT Model RV-12

Serial 120276 Registration Number N 86 FS

Date of Manufacture \_\_\_\_\_

Engine(s) currently installed:

Manufacturer ROTAX Model 912 ULS Serial 6780515

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

Propeller(s) currently installed:

Manufacturer SENSENICH Model 2A0R5/R70E

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

2 BLADE COMPOSITE

[illegible]

[illegible]

[illegible]

| YEAR<br>20 <u>16</u><br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)                                                                                                                                                                                                    |
|------------------------------|---------------------------|-------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              |                           |                   |                             | <p>ANNUAL ISPection 11/10/16 TOTAL TIME<br/>           FLOWN 18:45 THIS YEAR.</p> <p>I FIND that the A/c meets the requirements<br/>           for the issue of a special Airworthiness Cert. &amp;<br/>           a limitation dated 11/10/16 in the expir Cert.<br/>           for the purpose of operating Light Sport A/c<br/>           Next inspection is due 11/17<br/>           A/P <u>Flamin Stornoway</u></p> |

[illegible]

[illegible]

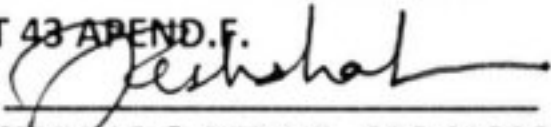




YEAR  
20\_\_\_\_  
DATE

REC  
TAC  
TIM

N 86FS DATE: 05/20/2020

I CERTIFY THAT ATC TRANSPONDER TEST  
& INSPECTIONS REQUIRED BY  
14 CFR 91. 413 WERE PERFORMED IAW  
14 CFR PART 43 APPEND. F.  
SIGNATURE   
LAKE AERO STYLING & REPAIR, CRS 61SR208D

TACH: 23.3

**ests, Repairs and Alterations**

ne, Rating and Certificate Number of Technician or  
other specific entries.)

MAKE: VANS AIRCRAFT  
INC  
MODEL: RV-12  
S/N: 120276  
REG. NO: N86FS  
WORK ORDER:  
4729-05-2020

## Lake Aero Styling & Repair

900 F Sky Park Drive  
Lakeport, CA 95453 USA  
Phone: 707-263-0412

DATE: 6/15/2020  
A/C TSN: 23.3  
TACH: 23.3

### Airframe Entries

(1) Performed annual condition inspection in accordance with FAR 43 appendix D.... (4) C/W ELT Inspection IAW CFR 91.207 Para (d)... (6) Installed owner provided RV-12 hose kit MFG by aircraft specialty.... (8) I certify that transponder tests and inspections required by far 91.413 were performed IAW / FAR 43 APP F.... (9) Re-sealed both left and right calipers. Bled brakes ops checked good. no leaks found.... (10) Vans safety alert RV-12 (3-17-11). Visually inspected WD-1215-L-PC flaperon torque arms for complete welds. Weld are completed Okay for continued operation.... (11) SB 18-02-02 Service Bulletin Horiz. Front Spar RV-12. (PCW) verified by inspection.... (12) Replaced brake pads P/N WHLBRL-1 on both mains.... (13) Connected wiring and verified operation of cockpit light.... (15) Replaced A/C battery with owner supplied battery P/N PC680 Ops checked good.... (16) Replaced ELT battery with P/N E-04 0  
EXP: 05/05/2025

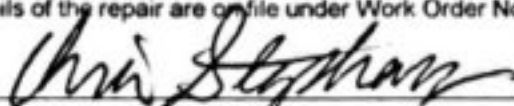
Ops checked ok, reinstalled in A/C.... (18) Replaced missing exhaust spring with new exhaust spring P/NEXH-25.... (19) Removed fuel shut off valve sealed inlet and outlet fitting threads with aviation Form-A Gasket. And installed del seals in flares.... (20) Removed skin on left of fuselage torqued OAT and re-installed skin with LP4-3 rivets.... (22) Trimmed composite skin on right side canopy and glued composite skin back to canopy structure.... (25) Secured fuel line brake lines and wires to clear flaperon bellcrank.... (27) Torqued down copilot rudder pedal torque tube blocks.... (28) Replaced drain valve P/N CAV-110 in gascolator bowl, ops checked good, no leaks.... (29) Installed grommets around fuel line on bulkhead pass through's. Aft of fuel shut off valve.... (30) C/W Vans RV-12 SB 00006. IAW Dynon Service Bulletin 050620E, as referenced in Van's RV-12 SB 00006, installed PN: P4055-15G is unaffected equipment.... (31) Removed metered orifice to fuel pressure transducer. Cleared out obstruction. Replaced in fitting. Ops checked good. No leaks found.... (33) Performed the weight and balance IAW RV-12 maintenance manual Revision 0 W&B worksheet.... (36) Resealed Co-Pilot R/H master cylinder with new seal kit. Bled brake system and performed operational check of both pilot and co-pilot brake systems.... (37) Calibrated fuel gauge.

### Maintenance Release

The aircraft and/or component(s) on N86FS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair are on file under Work Order No. 4729-05-2020, Dated 6/15/2020.

DATE: 6/15/2020

SIGNED:



Christopher Stephens, IA. 3573503

Work Order: 4729-05-2020

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| YEAR<br>2020<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | <b>Description of Inspections, Tests, Repairs and Alterations</b><br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------------|---------------------------|-------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7/25                 |                           |                   |                             | Replaced failed Ducati Voltage Regulator with same model. M/H 3775028                                                                                                                                                 |
|                      |                           |                   |                             |                                                                                                                                                                                                                       |
|                      |                           |                   |                             |                                                                                                                                                                                                                       |
|                      |                           |                   |                             |                                                                                                                                                                                                                       |
| 8/4                  |                           |                   |                             | Consolidated Comps M/H 3775028                                                                                                                                                                                        |
|                      |                           |                   |                             |                                                                                                                                                                                                                       |
| 8/8                  |                           |                   |                             | SB 16-0526 UPDATED + REPLACED DATA PLATE WITH UPDATED ENGRAVING IN COMPLIANCE. M/H 3775028                                                                                                                            |
|                      |                           |                   |                             |                                                                                                                                                                                                                       |
|                      |                           |                   |                             |                                                                                                                                                                                                                       |
|                      |                           |                   |                             |                                                                                                                                                                                                                       |

| YEAR<br>20____<br>DATE | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT<br>7 | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|------------------------|---------------------------|------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        |                           |                        |                             |                                                                                                                                                                                                                |

MAKE: VANS AIRCRAFT  
INC  
MODEL: RV-12  
S/N: 120276  
REG. NO: N86FS  
WORK ORDER:  
4777-06-2020

### Lake Aero Styling & Repair

Repair Station No. 61SR208D  
900 F Sky Park Drive  
Lakeport, CA 95453 USA  
Phone: 707-263-0412

DATE: 8/27/2020  
AC TSN: 27  
TACH: 27

### Airframe Entries

(1) Replaced SV-250 and Installed SV-2020 antenna.... (2) Installed SV 472 ADS-In box. Installed UAT Antenna. SV 472 interfaced with Dynon primary display via Vans control module. Ops checked good.

### Maintenance Release

The aircraft and/or component(s) on N86FS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4777-06-2020, Dated 8/27/2020.

DATE: 8/27/2020

SIGNED:

David O'Hara  
Certified Repair Station No. 61SR208D

Work Order: 4777-06-2020

Printed by EBis 3 (datcomedia.com)

REC  
TAC  
TIM

\*\*\*\*\*

VANS RV12 N86FS WRO 84151  
INSTALL NEW DYNON INTERCOM SV  
2S, INSTALL NEW DYNON  
COMMUNICATION RADIO T25,  
REPAIR STRIPPED SCREWS AND  
NUT PLATES FOUND DURING  
INSTALLATION , INSTALL NEW NUT  
PATES FOR NEW DISPLAY , This  
aircraft transponder has been tested  
and inspected as required by FAR Part  
91.413 and found to comply with FAR  
Part 43 Appendix F.-PASS

All work was performed IAW AC 43.13  
1B & 2B and the equipment  
Manufacturer's installation manual.

Signed: DANA LIBERTONE

Date 2-26-25

The Avionics Specialists, Inc.

FAA-Approved Repair Station

No.S3DR062N

\*\*\*\*\*

### on of Inspections, Tests, Repairs and Alterations

t be endorsed with Name, Rating and Certificate Number of Technician or  
ity. (See back pages for other specific entries.)

DATE : 02-06-2025  
MAKE : Van's Aircraft  
MODEL : RV-12  
SERIAL NO : 120276

N86FS

TACH : 27.5  
ACTT : 27.5

ician or

Airframe inspection in accordance with Appendix D to part 43, complied with using checklist. Internal and external Structural integrity visually inspected. Exposed hinges, bearings and rod ends lubricated. Drained fuel tank, removed Resealed and re-installed. Replaced new ELT battery P/N-E-04.0 Lithium battery and function test in accordance with FAR 91.207 (d), battery expires Jan/07/2030. Removed rear bulkhead cover modified mount screws attachment for Easy access opening rear section. Removed canopy and repaired detach fiberglass covering to main frame and re-installed. Removed floor board cover for accessing fuel hard line going to engine and oversize hole and inserted rubber to prevent Chafing the frame longerons hole. Gain access to the right flaperon control rod and enlarge hole to prevent rubbing to the Hole. Complied with SB-00067 by Installing reinforced kit WD-1223. Complied with installing cone stiffening clips. Complied With SB 19-08-26 Rev. 2 by replacing nose landing leg kit WD-01250-1. Complied with 16-05-23 by replacing nose fork kit WD-01230-2. Functional components operationally checked. Avionics ground operation checks normal.

I certify that this Aircraft has been inspected in accordance with the Scope and Details of Appendix D to part 43 on this date And is found to be in a Condition for Safe Operation.

SIGNATURE

Andres Amil III A&P I/A

A&P 611942051



YEAR

20

DATE

REGISTRATION NUMBER: N86FS - VANS RV 12

AIRCRAFT S/N: 120276 DATE: 03/22/2026 AIRCRAFT HOBBS TIME: 53.7

PERFORMED ANNUAL CONDITION INSPECTION IAW VANS AIRCRAFT INSPECTION  
PROCEDURES and 100-HR. INSPECTION CHECKLIST AND WITH REFERENCE TO FAR 43  
APPENDIX D. Tested ELT per FAR 91.107 next due 03/2027. Batteries expire Jan 2030

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE  
MANUFACTURER'S PROCEDURES AS IDENTIFIED IN THE AIRCRAFT'S INSTRUCTIONS FOR  
CONTINUED AIRWORTHINESS (ICA) ON THIS DATE AND IS FOUND TO BE IN A CONDITION  
FOR SAFE OPERATION.

SIGNED

  
Donald L. Bradley, Repairman LSM 3110675 03/22/2026

### Repairs and Alterations

Rating and Certificate Number of Technician or  
for specific entries.)



693-134

\$5.95<sup>+</sup>



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# ENGINE LOG

*ASA-SE-1*

## Engine Record General Information

Manufacturer ROTAX Model 912 ULS

Serial 6780515 Type Certificate SLSA

This engine is currently installed in aircraft: RV-12 N 86 FS

Minimum Octane Fuel AVGAS 100LL MOGAS EN 228 Oil Grade: Summer SUPERIOR SUPER+ Winter SEE OWNERS MANUAL 2-10 & 11

Magneto Time ELECTRONIC Point Setting N/A Firing Order \_\_\_\_\_

Spark Plug Gap .023 - .027 TORQUE 177 IN 14.7 FT

Manufacturer's Recommended Overhaul at \_\_\_\_\_ hours

[illegible]



| YEAR | RECORDING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TODAY'S | TOTAL         | Description of Inspections, Tests, Repairs and Alterations |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------|------------------------------------------------------------|
| 20__ | DATE : 02-06-2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |               | N86FS                                                      |
| DATE | MAKE : Rotax Engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |               | TACH : 27.5                                                |
|      | MODEL : 912 ULS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |               | ENG TT : 27.5                                              |
|      | SERIAL NO : 6180715                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |               | TSMOH : 27.5                                               |
|      | <p>Engine inspection in accordance with Appendix D to Part 43, complied with using checklist. Cold Compression check Reveals 1) 86/87 2) 86/87 3) 86/87 4) 84/87. Drained oil and filter removed and replaced with new. Engine and components has been completely serviced. All SB Complied are up to date. All work performed and complied Attached separate logbook entry Under Aircraft Service. All SB compliance report and checked attached to aircraft files. Ground operation check after inspection and servicing was normal with no oil or fuel leaks noted.</p> |         |               |                                                            |
|      | <p>I certify that this Engine has been inspected in accordance with the Scope and Details of Appendix D to Part 43 on this Date and is found to be in a Condition for Safe Operation.</p>                                                                                                                                                                                                                                                                                                                                                                                  |         |               |                                                            |
|      | SIGNATURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         | A&P 611942051 |                                                            |
|      | Andres Amil III A&P I/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |               |                                                            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |               |                                                            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |               |                                                            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |               |                                                            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |               |                                                            |

YEAR  
20\_\_\_\_  
DATE

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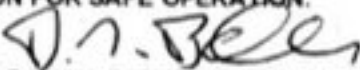
ROTAX 912ULS, ENGINE S/N: 6180715 , INSTALLED ON N86FS DATE: 03/22/2026  
Engine/AIRCRAFT HOBBS TIME: 53.7 hrs.

PERFORMED ANNUAL CONDITION INSPECTION IAW ROTAX MAINTENANCE MANUAL MML-  
912, EDITION 4 / REV. 2.DATED JULY 15, 2025, & WITH REFERENCE TO FAR 43 APPENDIX D.

COMPRESSION CHECK - 1) 87/87 2) 86/87 3) 87/87 4) 86/87  
Changed Oil and Filter; Serviced with New Oil Filter and 3L Aeroshell Sport Plus  
Replaced Spark Plugs with new  
Checked Magnetic Plug and opened oil filter - No metal found  
Check Gearbox Friction Torque - 55Nm  
Balanced Carburetors and adjusted idle to 1850 RPMs

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE  
WITH THE MANUFACTURER'S INSTRUCTIONS FOR CONTINUED  
AIRWORTHINESS (ICA) ON THIS DATE AND IS FOUND TO BE IN A  
CONDITION FOR SAFE OPERATION.

SIGNED

  
Donald L. Bradley, Repairman LSM 3110675 Date: 03/22/2026

### Repairs and Alterations

(List Repairs and Alterations and Certificate Number of Technician or  
if entries.)

693-135

~~\$495~~



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# PROPELLER LOG

ASA-SPE

# Propeller Record General Information

Propeller Manufacturer

SENSENICH

Model

2A0R5/R70E

Type

TWO BLADE COMPOSITE

Hub Series #

Blade #

Date of Manufacture

2014

Make/Model

Serial #

Aircraft Installed On:

VAN'S RV-12

120276



☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

|                       |                       |                                                          |
|-----------------------|-----------------------|----------------------------------------------------------|
| Year: <u>2016</u>     | Total Time in Service | Description <u>Sensenich - two Blade Composite</u>       |
| Date: <u>11/10/16</u> |                       | <u>Model 2 AOR5/R70E - inspected</u>                     |
| Next Inspection Due:  | Time Since Overhaul   | <u>NO NICKS ON PROP. O.K.</u>                            |
| <u>11/10/17</u>       |                       | Mech. Cert. # or Repair Station # _____                  |
| Year: <u>2017</u>     | Total Time in Service | Description <u>Sensenich two Blade Composite.</u>        |
| Date: <u>12/3/17</u>  |                       | <u>Model 2 AOR5/R70E Inspected No Nicks Prop OK</u>      |
| Next Inspection Due:  | Time Since Overhaul   |                                                          |
|                       |                       | Mech. Cert. # or Repair Station # _____                  |
| Year: <u>2018</u>     | Total Time in Service | Description <u>INSPECTION SB-18-05-07</u>                |
| Date: <u>10/22</u>    | <u>22.5</u>           | <u>SENSENIICH SB2016-06-2A0</u>                          |
| Next Inspection Due:  | Time Since Overhaul   |                                                          |
|                       |                       | Mech. Cert. # or Repair Station # <u>Francis Stornom</u> |

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspe  
Due: \_\_\_\_\_

PROP MODEL:  
2A0R5/R70E  
PROP S/N: 211248C  
REG. NO: N86FS  
WORK ORDER:  
4729-05-2020

**Lake Aero Styling & Repair**

900 F Sky Park Drive  
Lakeport, CA 95453 USA  
Phone: 707-263-0412

DATE: 6/15/2020  
A/C TSN: 23.3  
PROP TT: 23.3  
TACH: 23.3

**Prop Entries**

(3) Performed propeller annual condition inspection in accordance with FAR appendix D.

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspe  
Due: \_\_\_\_\_**Maintenance Release**

The aircraft and/or component(s) on N86FS was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair are on file under Work Order No. 4729-05-2020, Dated 6/15/2020.

DATE: 6/15/2020

SIGNED: \_\_\_\_\_

Christopher Stephens, IA: 3573504

Work Order: 4729-05-2020

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Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspection  
Due: \_\_\_\_\_Total Time  
in ServiceTime Since  
Overhaul**Description**

Mech. Cert. # or Repair Station # \_\_\_\_\_

☐ **HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS**

Yes

Date

DATE : 02-06-2025

N86FS

TACH : 27.5

No

Due

MAKE : Sensenich Propeller

PROP TT : 27.5

MODEL : 2A0R5/R70E

TSMOH : 27.5

SERIAL NO : 211248C

Yes

Propeller inspection in accordance with Appendix D to Part 43, complied with using checklist. Complied with SB 18-07-05 R1  
Propeller ground operation after inspection and servicing was normal with no oil leaks noted.

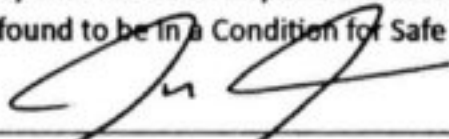
Date

No

Due

I certify that this propeller has been inspected in accordance with the Scope and details of Appendix D to part 43  
On this date and is found to be in a Condition for Safe Operation.

SIGNATURE



A&P 611942051

Andres Amil III A&P WA

Yes

Date

Next Inspection  
Due:

Time Since  
Overhaul

Mech. Cert. # or Repair Station #

# HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

|                                                                                                                                                                                                           |                                                                                                 |                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------|
| Year: _____                                                                                                                                                                                               | REGISTRATION NUMBER: N86FS                                                                      |                                         |
| Date: _____                                                                                                                                                                                               | DATE: 03/22/2026                                                                                |                                         |
| Next Inspection Due: _____                                                                                                                                                                                | AIRCRAFT TOTAL TIME: 53.7                                                                       |                                         |
| <p>I certify that this propeller has been inspected on the above date in accordance with the manufacture's maintenance and inspection procedures and is found to be in a condition for safe operation</p> |                                                                                                 |                                         |
| Year: _____                                                                                                                                                                                               | <p>SIGNED </p> |                                         |
| Date: _____                                                                                                                                                                                               | <p>Donald L. Bradley, Repairman LSM 3110675 DATE: 03/22/2026</p>                                |                                         |
| Next Inspection Due: _____                                                                                                                                                                                |                                                                                                 |                                         |
| Year: _____                                                                                                                                                                                               | Total Time in Service                                                                           | Description                             |
| Date: _____                                                                                                                                                                                               |                                                                                                 |                                         |
| Next Inspection Due: _____                                                                                                                                                                                | Time Since Overhaul                                                                             |                                         |
|                                                                                                                                                                                                           |                                                                                                 | Mech. Cert. # or Repair Station # _____ |