

AIRCRAFT MAINTENANCE RECORDS

N 407TB

AIRFRAME

LOG BOOK



AIRCRAFT MAINTENANCE RECORDS

Owner _____

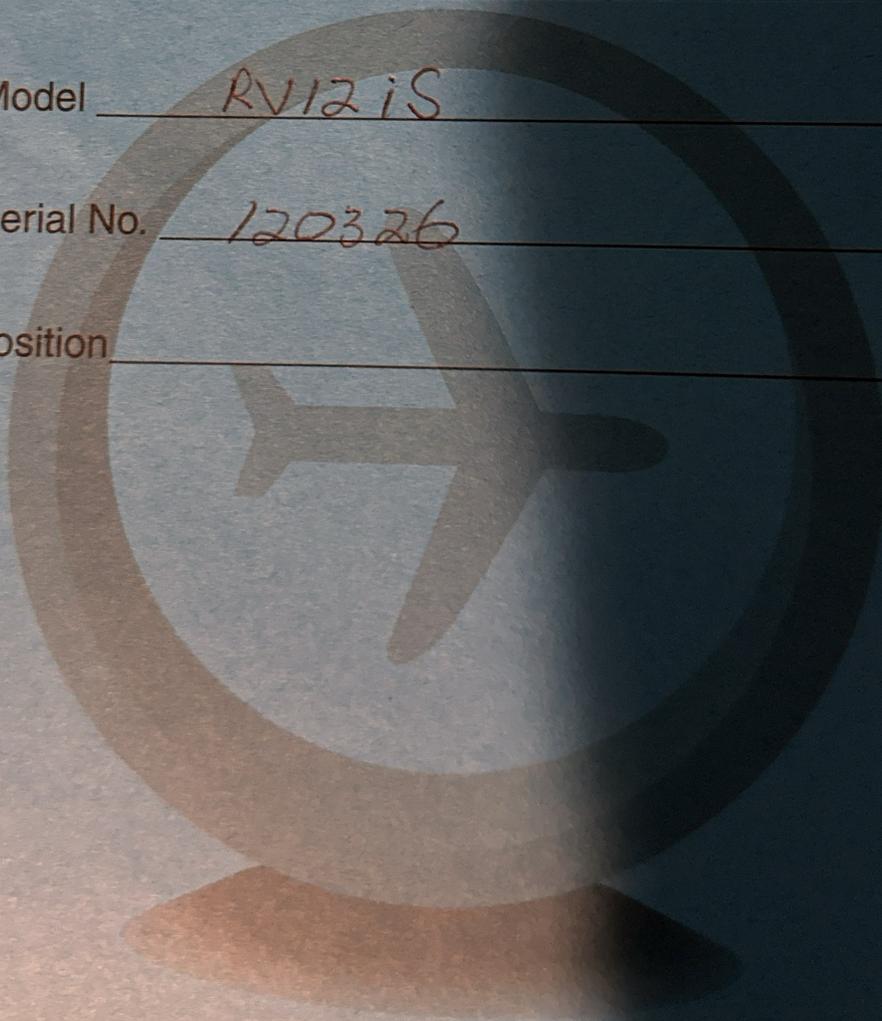
Aircraft Registration **N** 407TB

Manufacturer VAN'S AIRCRAFT

Model RV12iS

Serial No. 120326

Position _____



AIRCRAFT MAINTENANCE RECORD

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →	0	
3/16/24	0	INITIAL WPB BEFORE PAINT. EMPTY WEIGHT - 768LB EMPTY MOMENT - 62,439.38 EMPTY CG - 81.30 CG RANGE - 80.49 TO 85.39 USEFUL LOAD - 552LB. <i>[Signature]</i>
		REVIEW OF SERVICE BULLETINS & SAFETY DIRECTIVES
3/19/24	0	SAFETY DIRECTIVE 00001 - PITCH TRIM INSPECTION & MODIFICATION NOTED: TRIM MOTOR ES MCTS-T3-7A-2 MUST BE REPLACED IF SHAFT IS EITHER BENT OR AFTER 1000 HRS. <i>[Signature]</i>
3/19/24	0	SERVICE BULLETIN 18-02-02 POTENTIAL CRACKING IN HORIZONTAL STABILIZER FRONT SPAR. COMPLETED 12/17/21 <i>[Signature]</i>
3/19/24	0	SERVICE BULLETIN 00053 INSPECT FOR CRACKS IN LOWER TAIL CONE SKIN & INSTALL TAIL CONE STIFFENER CLIPS. NO CRACKS FOUND. CLIPS INSTALLED 4/23/22 <i>[Signature]</i>
3/19/24	0	SAFETY DIRECTIVE 00017 FUEL RETURN LINE TEST. N/A THIS AIRCRAFT BUILT AS RV12IS & USES NEWER STYLE FUEL TANK 9/1/22 <i>[Signature]</i>

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3/18/24

0

SERVICE BULLETIN 00059 - REV 1 CANOPY LATCH BLOCK IMPROVEMENT. NEW CANOPY LATCH BLOCK INSTALLED 5/6/23 *John*

3/19/24

0

SERVICE BULLETIN 00067 - STABILATOR MASS BALANCE REINFORCEMENT. REINFORCEMENT BRACKETS INSTALLED 5/6/23 *John*

3/19/24

0

SERVICE LETTER 00068 OPTIONAL STABILATOR HINGE SPACER INSTALLATION. STABILATOR INSTALLED USING WASHER AS THE SPACER AS PER ASSEMBLY DRAWINGS. *John*

3/23/24

0

SERVICE ~~BULLETIN~~ LETTER 00070 REV 1.1 OPTIONAL FITTING FOR RV-12 FUEL TANK INSPECTION HOLE.

6/9/24

FLIGHT TEST #1

- SYSTEMS CHECK OUT
- INITIAL FLYING QUALITIES EVALUATION
- TRIM EVALUATION
- FLAP EXTENSION/RETRACTION
- SLOW FLIGHT FLYING QUALITIES EVALUATION
- STALL WARNING EVALUATION
- FLIGHT ENVELOPE EXPANSION

John 1.4 HRS.

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6/9/24		<p>FLIGHT TEST #2</p> <ul style="list-style-type: none"> • TAKE OFF DISTANCE • V_y CLIMB PERFORMANCE • BALKED LANDING - THROTTLE RESPONSE • A/P SERVO CHECK • CRUISE SPEED / AIRSPEED CALIB CHECK • FLIGHT ENVELOPE EXPANSION <p style="text-align: right;"><i>[Signature]</i> 1.3 HRS.</p>
6/10/24		<p>FLIGHT TEST #3</p> <ul style="list-style-type: none"> • V_x CLIMB PERFORMANCE • STALL EVALUATION • SLOW FLIGHT / AIRSPEED CALIBRATION CHECK • ECO-MODE SETTING CHECK • AOA CALIBRATION • FLIGHT ENVELOPE EXPANSION <p style="text-align: right;"><i>[Signature]</i> .9</p>
6/10/24		<p>FLIGHT TEST #4</p> <ul style="list-style-type: none"> • CRUISE SPEED / AIRSPEED CALIBRATION CHECK • EFIS PITCH OFFSET ADJUSTMENT CHECK • SLOW FLIGHT / AIRSPEED CALIBRATION CHECK <p style="text-align: right;"><i>[Signature]</i> .8</p>

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AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		
6/25/24	6.5	SERVICE BULLETIN # 00/02. CONTROL STICK PUSHROD INSPECTION. INSPECTED PUSHROD. JAM NUT PROPERLY TORQUED & TORQUE SEAL WAS PREVIOUSLY APPLIED. COMPLETED. <i>[Signature]</i>
7/16/24	30.4	SGT NOSE GEAR TO 32 LBS PULL TEST RECENT GEAR <i>[Signature]</i>
7/29/24	50.6	Drilled out center pinholes in nose wheel gear. Reset Breakout Tension to 18-20 LBS pull test. DAVID VALIQUETTE / <i>[Signature]</i> LSRM-A # 3879098
9/14/24	88.0	ADJUST nose wheel tension gear per VANS P335/S/U-09 SET TO 20LB. - was high after use. DAVID VALIQUETTE / <i>[Signature]</i> LSRM-A # 3879098
11/23/24	141.5	ADJUSTED nose wheel tension before 28-30 LBS AFTER GREASE AND ADJUSTMENT 18-20 LBS DAVID VALIQUETTE / <i>[Signature]</i> LSRM-A # 3879098
12/8/24	153.6	Rotate tires to wear on outer powdered tubes. Removed + Replaced PAX main gear bearings - both were torn, reassembled per VANS documentation. TESTED BRAKES via TAXI. DAVID VALIQUETTE / <i>[Signature]</i> LSRM-A # 3879098
12/30/24	169.2	Remove and replace brake pads, set and torque wheel bearings, test and degrease pads. TEST FLY PLANE. DAVID VALIQUETTE / <i>[Signature]</i> LSRM-A # 3879098
1/9/25	169.9	Remove + replace EARTH X battery w/ DANK COPE #23 w/ new W24 UNDER WARRAWAY DAVID VALIQUETTE / <i>[Signature]</i> LSRM-A # 3879098
1/16/25	181.0	Remove + replace PAX side main landing gear tire tube due to a flat. Replaced w/ new tube DAVID VALIQUETTE / <i>[Signature]</i> LSRM-A # 3879098
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**AIRCRAFT
MAINTENANCE RECORDS**

N 407TB

**ENGINE
LOG BOOK**



AIRCRAFT MAINTENANCE RECORD

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD → 3/2/24	0 0	FIRST ENGINE START SERVICE BULLETIN REVIEW
3/19/24		SERVICE BULLETIN 00064 CYLINDER #1 EXHAUST TUBE FLAT SPRING INSTALLATION. FLAT SPRINGS INSTALLED 10/28/23
		SERVICE LETTER 00078 VAPOR LOCK NO ACTION REQUIRED. DESCRIBES VAPOR LOCK & HOW TO DEAL WITH IT.
7/15/24	28.5	Performed oil change per Rotax Maintenance MANUAL Line Chapter 12-20-00-current ed Replaced oil filter, 3L Aeroshell Sport +4 oil cut & inspected oil filter, NO ISSUES, TOOK oil sample for Blackstone ANALYSIS- TEST RUN TO CHECK FOR LEAKS- NO ISSUES OBSERVED. DAVID VALIQUETTE/Dan Valiquette LSRM-A #3879098,
9/14/2024	88.0	Perform oil & filter change per Rotax Maintenance manual Line chapter 12-20-00 current edition- removed and inspected magnetic plug (16mm) and retorqued 18 FT-LB. - ADDED 3L Aeroshell Sport +4 oil. Cut and inspected used oil filter- NO ISSUES TEST RUN TO CHECK FOR LEAKS- APPLIED TORQUE SEAL TO FILTER & BOLTS DAVID VALIQUETTE/Dan Valiquette LSRM-A # 3879098

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