

Aircraft Record

Manufacturer	VANS	Model	RV-12IS
Serial Number	12110	Registration #	N321BT
Date of Manufacture		Country of Origin	

Engine Record

Engine(s) currently installed on the aircraft	Manufacturer: ROTAX	Model: 912IS	Serial: 7705575	Type Cert. :
	Manufacturer:	Model:	Serial:	Type Cert. :

Propeller Record

Propeller(s) currently installed on the aircraft	Manufacturer: SENSENICH	HUB Model: 2A0R5	Serial # C225715G/M225076G
	Manufacturer:	HUB Model:	Serial #

Blade Model: R70EN-V		Pitch Range		Blade Model:		Pitch Range	
Blade Serial Number		High/Feather		Blade Serial Number		High/Feather	
#1	75673	Start Lock		#1		Start Lock	
#2	75661	Reverse		#2		Reverse	
#3		Low		#3		Low	
#4		NOTES:		#4		NOTES:	
#5				#5			
#6				#6			

TODAY'S FLIGHT	RECORDING TACH TIME	TOTAL TIME IN SERVICE	Description of Maintenance The entries must include Name, Certificate Number and Rating of the Technician or Repair Facility.
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Aircraft S/N: 12110

checked ACK ELT functionality per. Production acceptance
cedures, Section G1.

3/4/2022

A/P



I certify this aircraft has been ground and flight tested in
accordance with the RV-12iS Production Acceptance Procedures
document and in accordance with ASTM F-2245-16c and found
that the aircraft performance is acceptable throughout its normal
flight parameters.

[Redacted Signature]

3/15/22

Aric Krause, Manager, Van's Aircraft, Inc.

Date



This aircraft has been inspected in accordance w
requirements in Van's Aircraft, Inc.'s Maintena
Manual DOC 12iS MM REV. 3.7 02-26-2021,
condition inspection and was found to be in a condition
flight

[Redacted Signature]

3/15/22

Aric Krause, Manager, Van's Aircraft, Inc.

Date

YEAR: DATE	TODAY'S FLIGHT	RECORDING TACH TIME	TOTAL TIME IN SERVICE	Description of Maintenance The entries must include Name, Certificate Number and Facility.
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I find this aircraft meets the requirements for the certificate requested and have issued a Special airworthiness certificate for the purpose of Light Sport and operating limitations dated 03/16/2022. Scott McDaniels FAA/DAR [REDACTED]



N 321BT
TOTAL AIRFRAME: 4.1
Eng. TT: 5.1

Performed prop balance using Dyna Vibe dynamic prop balancing system. Permanent weights were installed to propeller backer plate. Prop is dynamically balanced to recemented specifications.

Adam Grant A/P [REDACTED]

Date: 3/29/22

R:	TODAY'S FLIGHT	RECORDING TACH TIME	TOTAL TIME IN SERVICE	Description of Maintenance The entries must include Name, Certificate Number and Rating of the Technician Facility.
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Pacific Coast Avionics

CRS O

Registration: N321BT

Make: VANS
INC

AIRCRAFT

Model: RV-12IS

S/N: 12110

Aircraft Time: Hobbs: 1.0

Tach

Performed 14 CFR 91.411 certification of the altimetry system. The Garmin GSU 25C s/n 5Q2004111, static pressure system and automatic pressure altitude reporting e have been tested and meets the requirements of 14 CFR Part 43 Appendix E to a pressure altitude of 20,000 feet. Performed 14 CFR 91.413 certification of the Garmin Transponder s/n 4YB020717 and found the transponder to meet the requirements of 14 CFR Part 43 Appendix F. This 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 o Pacific Coast Avionics under VANS Aircraft, work order 22-8712A.

Signature: Christopher Brand

Date: 2/25/2022

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ght Sport Aviation Services, LLC

Apple Valley, MN 55124

Date: 04/21/2022

Tach: 25.3

AFTT: 25.3

Work Order: 0001

Reg #: N321BT

Make: Van's Aircraft

Model: RV-12iS S-LSA

Ser No: 12110

Airframe Logbook Entry

Completed 25-hour Inspection IAW BRP-Rotax Maintenance Manual Line.

END

I certify that, with regard to the maintenance and inspections of the above aircraft, in accordance with Vans Aircraft RV-12iS Maintenance Manual, Rev 3.7, dated 2/26/2021, the aircraft is found to be in a safe condition for operation.

Balaji Thiagarajan

LSRM-A

Light Sport Aviation Services, LLC

Apple Valley, MN 55124

Date: 09/30/2022

Tach: 75.5

AFTT: 75.3

Work Order: 0002

Reg #: N321BT

Make: Van's Aircraft

Model: RV-12iS S-LSA

Ser No: 12110

Airframe Logbook Entry

Completed 50-hour interval Inspection IAW BRP-Rotax Maintenance Manual Line.

END

I certify that, with regard to the maintenance and inspections of the above aircraft, in accordance with Vans Aircraft RV-12iS Maintenance Manual, Rev 3.7, dated 2/26/2021, the aircraft is found to be in a safe condition for operation.

Balaji Thiagarajan

LSRM-A

Light Sport Aviation Services, LLC

Apple Valley, MN 55124

Date: 03/14/2023

Tach: 126.2

AFTT: 126.3

Work Order: 0003

Reg #: N321BT

Make: Van's Aircraft

Model: RV-12iS S-LSA

Ser No: 12110

Airframe Logbook Entry

Complied with Rotax Service Bulletin SB-912 i-013 / SB-915 i-012, replaced Rotax Fuel Pumps part# 889691 s/n 20.3223/20. Rotax fuel pumps s/n 22.0586/22.0596. Complied with Garmin Service Bulletin 22112 Rev A, updated the Garmin G3X to version 9.14.

END

I certify that, with regard to the maintenance and inspections of the above aircraft, in accordance with Vans Aircraft RV-12iS Maintenance Manual, Rev 3.7, dated 2/26/2021, the aircraft is found to be in a safe condition for operation.

Balaji Thiagarajan

LSRM-A

Light Sport Aviation Services, LLC[REDACTED] Apple Valley, MN 55124
[REDACTED]

Date: 04/18/2023

Tach: 129.3

AFTT: 129.4

Work Order: 0004

Reg #: N321BT

Make: Van's Aircraft

Model: RV-12iS S-LSA

Ser No: 12110

Airframe Logbook Entry

Complied with 14 CFR part 43, appendix D; Vans Aircraft inspection checklist. Complied with the following Service Bulletins: SB 00058 – HIC Module Replacement, SB 00059 – Rev 1 – Canopy Latch Block Improvement, SB 00067 - Stabilator Mass Balance Reinforcement. Inspected for SB 00064 - Cylinder #1 Exhaust Tube Flat Spring Installation and found to be in compliance already. Drained oil. Removed and replaced oil filter with new Rotax P/N 825 016. Serviced with 3 liters Aeroshell Sport Plus 4 engine oil. Removed and replaced fuel filter with new Rotax p/n 874060. Cylinder compression test results: 79,79,79,79. ELT battery expiration: 09/20/2026.

END

I certify that, with regard to the maintenance and inspections of the above aircraft, in accordance with Vans Aircraft RV-12iS Maintenance Manual, Rev 3.8, dated 12/12/2022, the aircraft is found to be in a safe condition for operation.

Balaji Thiagarajan [REDACTED]

LSRM-A [REDACTED]

Light Sport Aviation Services, LLC[REDACTED] Apple Valley, MN 55124
[REDACTED]

Date: 08/26/2023

Tach: 198.0

AFTT: 198.3

Work Order: 0005

Reg #: N321BT

Make: Van's Aircraft

Model: RV-12iS S-LSA

Ser No: 12110

Airframe Logbook Entry

Drained oil. Removed and replaced oil filter with new Rotax P/N 825 016. Serviced with 3 quarts Aeroshell Sport Plus 4 engine oil.

END

I certify that, with regard to the maintenance and inspections of the above aircraft, in accordance with Vans Aircraft RV-12iS Maintenance Manual, Rev 3.8, dated 12/12/2022, the aircraft is found to be in a safe condition for operation.

Balaji Thiagarajan [REDACTED]

LSRM-A [REDACTED]