

# ENGINE AND AIRCRAFT LOG

For N

9450  
9105D

The aircraft was involved in an incident / accident at \_\_\_\_\_ on 9-5-22 rendering it a total loss as not repairable within its insured value. For further information refer to file # HO2225265.  
Signed [Signature] Date 12-6-22

Dates From 6-03

To \_\_\_\_\_

Phoenix Aviation Managers, Inc.  
625 Westlands Blvd., Suite 108  
Coatesville, PA 19300

RAPCO - model RA 215CC S/N A5590

6-26-02

**REGISTRATION NOT TRANSFERABLE**

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
CERTIFICATE OF AIRCRAFT REGISTRATION

This certificate must be in the aircraft when operated.

NATIONALITY AND  
REGISTRATION MARKS **N**  
**945D**

AIRCRAFT SERIAL NO.  
**90011**

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

**DUFFY WILLIAM** **VANS RV9A**  
ICAO Aircraft Address Code: **53220006**

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**SHANKS EUGENE**  
**947 CHUDALLA RD**  
**WHARTON TX 77488-7028**

This certificate is issued for registration purposes only and is not a certificate of title. The Federal Aviation Administration does not determine rights of ownership as between private persons.

INDIVIDUAL

It is certified that the above described aircraft has been entered on the register of the Federal Aviation Administration, United States of America, in accordance with the Convention on International Civil Aviation dated December 7, 1944, and with the Federal Aviation Act of 1958, and regulations issued thereunder.



U.S. Department of Transportation

DATE OF ISSUE

September 22, 2003

*William C. P. P. P.*  
ADMINISTRATOR

Federal Aviation Administration

(CUT ON DOTTED LINE)

## RECORD OF OWNERSHIP

① ORIGINAL  
 NAME William Duffy  
 ADDRESS 3180 Springdale Rd  
 CITY Cincinnati ST. Oh  
 ZIP 45251 FROM 2002 TO 2004

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ ST. \_\_\_\_\_  
 ZIP \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

②  
 NAME Eugene Shanks  
 ADDRESS 947 CR 117  
 CITY Wharton ST. Tex.  
 ZIP 77488 FROM 2004 TO \_\_\_\_\_

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ ST. \_\_\_\_\_  
 ZIP \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

# ENGINE DATA

MAKE Lycoming MODEL D2A SER. NO. 0328 (U3529)

MAX RPM 2600 H.P. 160 REDUCTION RATIO 1.08 TO 1

FUEL REQUIRED 100 LL OIL REQUIRED 8<sup>oz</sup>

FUEL/OIL RATIO \_\_\_\_\_ SPARK PLUG GAP \_\_\_\_\_

DWELL \_\_\_\_\_

RECOMMENDED T.B.O. \_\_\_\_\_

OTHER \_\_\_\_\_

## AIRCRAFT DATA

MAKE

DUFFY

MODEL

RUGA

SER. NO.

90011

MFG. DATE

7-9-02

DATE PUT IN SERVICE

I.D. #

N945D

SPAN

28'

LENGTH

20'5"

HEIGHT

7'10"

GROSS WT.

1750.<sup>00</sup>

EMPTY WT.

1099.0

WING LOADING

Lbs. / sq. ft.

FUEL CAP.

36

FUEL CONSUMPTION

G.P.H.

LOAD FACTORS +

-

VNE

STALL

CRUISE

BEST CLIMB

DATE	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKE, MODEL & SERIAL NO.S
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7-1-02	Stewart	air craft - weight Balance N266 R402 L431 T1099
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7-1-02	0	Conditional inspection complete
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7/9/02		ISSUED EXPERIMENTAL AMATEUR-BUILT AIRWORTHINESS CERTIFICATE AND OPERATING LIMITATIONS. NEXT CONDITION INSPECTION DUE 7/31/03.
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S.P. FRANEK, FRA, CNA, FSPA - Insurer

The subject aircraft was involved in an incident / accident at Cincinnati, OH on 9-5-02 rendering it a total loss as not repairable within its insured value. For further information refer to file 1102225265.

Date 12-6-02.

Phoenix Aviation Managers, Inc.  
625 Highlands Blvd., Suite 108  
Cottleville, PA 19329

7/25/02	I certify that	the Prescribed flight test hours have been completed and the Aircraft is Controllable throughout its Normal Range of Speeds and throughout all maneuvers to be Executed, has no Hazardous operating characteristics or design features and is safe for operation the following air craft operating data has been demonstrated during flight test
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VSO49kt Vt 80kt Vy 70kt Weight 1099 lb 70 in. William J. Dufky





DATE

610

RECORDING  
TACH  
TIME

051.7

TODAYS  
FLIGHTTOTAL  
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. (See back pages for other specific entries.)

3-8-10

Assemble Complet Main wing, Fuel Tanks  
Flaps & ELIACONS KIT FROM VANS AIRCRAFT  
Installed New 5 Tite Nose Gear and Fork  
From Vans, New Spooner and Spooner  
Hubs. Reinstall Empennage. New  
ELT batteries, New Flextron Tail  
contact

ELT Inspection IAW FAR 91.207 (D) Battery  
Expiration Date: MARCH 17, 2010

I certify that this aircraft has been inspected IAW the  
scope and detail of Part 43 to appendix D and was  
found to be in a condition for safe operation.

A&P Robert W Padgett  
454788797

*Robert W Padgett*



DATE	TIMES FOR TODAY			FUEL / OIL BOARDED	Description of day to day maintenance and service. List part No.s, sizes, etc.
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT		
10-12	56.1	56.1			
10-6-12	56.1	56.1			Aircraft + Engine perform A 100 hr inspection this date. Servicing Battery, Batteries, Packed wheel Bearings. Everything checked OK.
		62.5 hr			
					TOTALS THIS PAGE
					AMT. FORWARD
					TO DATE TOTAL 62.5

DATE 19__	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKE, MODEL & SERIAL NO.S
12-13-12	<del>6:30</del>	Aircraft + engine preform A 100 hour Inspection on this date. Serviced Battling, Breaks, Packed Wheel Bearings everything Checked OK.
12-15-12	63.5 hrs	<p>DATE 12-15-12 FILE 12-15-12</p> <p>CERTIFY THAT THIS HAS BEEN INSPECTED IN ACCORDANCE WITH A INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>JAMES S. GARDNER</p> <p><i>[Signature]</i></p> <p>12-15-12</p>

DATE	TIMES FOR TODAY			FUEL / OIL BOARDED	Description of day to day maintenance and service. List part No.s, sizes, etc.
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT		
2014 1-25-14					SERVICED ENGINE WITH 48110 filters 6 qts. 100W oil. Teach check of AY. Cleaned plugs.
Hour Meter 100.5	100.5				Compression #1 $\frac{78}{50}$ #2 $\frac{72}{50}$ #3 $\frac{72}{50}$ #4 $\frac{78}{50}$
TT 100.5					Check mag timing.
					Repack wheel bearings. Lube all rod end bearings. Check brake pads & fluid. Installed new brake linings 066-11108 (4)
					Jan D. J. [Signature] AP 002469529
					TOTALS THIS PAGE
					AMT. FORWARD
					TO DATE TOTAL



DATE	TIMES FOR TODAY			FUEL / OIL BOARDED	Description of day to day maintenance and service. List part No.s, sizes, etc.
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT		

19

Date: 03-05-2023 Vans RV-9A Serial# 90011 Hobbs: 155.2 TTSN: 155.2  
Lycoming 0320 D2A Serial # U3529 (0328) TTSN 155.2  
Sensenich 70CM7S9-79 Serial # 34753K TTSN 155.2 TTSOH 99.1

Performed 100hr/Annual inspection this date. Lubed airframe and Repacked all wheel bearings. Inspected landing gear, cables, pulleys, and replaced as Necessary. Inspected and replaced all Bearings as necessary. Inspected brake disc's and pads. Serviced electrical system, Batteries, and brake master cylinders. Inspected and repacked all wheel bearings. Installed new tires and tubes. Installed new spark plugs, changed oil and filter. Serviced with Aeroshell w100 oil. Compression checked OK with lowest cylinder 70/80. Checked engine hoses, linkage and baffling. Checked all Vans Aircraft Service Bulletin's found on Vans website. This aircraft or component identified above was repaired and/or inspected In accordance with current regulations of the Federal Aviation Regulations and is Approved for return to service in regard's to work performed.=====

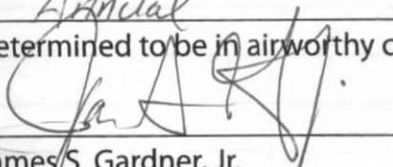
Eugene Shanks Jr Eugene Shanks Jr

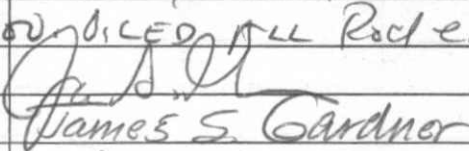
A&P 467293518 IA

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PAGE  
 AMT. FORWARD  
 TO DATE TOTAL



DATE 19	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKE, MODEL & SERIAL NO.S
Date <u>1/25/14</u>		
T.T.I.S. <u>100.5</u>		
Hobbs/TACH <u>100.5</u>		
I certify that this <u>Aircraft + engine</u> has been inspected in accordance with a <u>Annual</u> inspection and determined to be in airworthy condition.  James S. Gardner, Jr. A/P 002469529 I.A.		

DATE	TIMES FOR TODAY			FUEL / OIL BOARDED	Description of day to day maintenance and service. List part No.s, sizes, etc.
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT		
<del>15</del> 2015					
6-15-15		HOBBS	128.9	TI	128.9
Repack ALL WHEEL BEARINGS. ROTATED MAIN TIRES. INSTALLED ALL BRAKE PADS. CHANGED O RING RIGHT MAIN. CHANGED NOSE GEAR ATTACH BOLT. COMPRESSION COLD #1 $\frac{75}{80}$ #2 $\frac{72}{80}$ #3 $\frac{72}{80}$ #4 $\frac{72}{80}$ . CHANGED OIL FILTER TOIL USING AERSHALL W/ OIL. OILED ALL Rod end bearings. SERVICED AIR FILTER.					
					 JAMES S. Gardner AIP00246952921A
					TOTALS THIS PAGE
					AMT. FORWARD
					TO DATE TOTAL

DATE

Date 6/15/15

LIST OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES LIST MAKE, MODEL & SERIAL NO.S

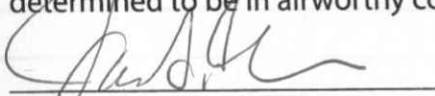
T.T.I.S.

128.9

Hobbs/TACH

128.9

I certify that this Aircraft & Engine  
has been inspected in accordance with a  
Annual inspection and  
determined to be in airworthy condition.



James S. Gardner, Jr.

A/P 002469529 I.A.



# PROPELLER LOG BOOK



*SENENICH PROPELLER MFG. CO.*

Lititz, Pennsylvania 17543

Internet: <http://www.sensenich.com>.

THIS LOG BOOK IS TO BE KEPT  
WITH THE PROPELLER  
FOR RECORDING OF ALL PROPELLER MAINTENANCE WORK PERFORMED

## PROPELLER MAINTENANCE RECORD

PROPELLER MODEL 70CM7S9-79  
 PROPELLER SERIAL NUMBER 34753 K

**TABLE OF PROPELLER ATTACHING BOLT WRENCH TORQUE**  
 Sensenich Metal Propellers (the proper torque is also shown on Blade Information Decal)

PROPELLER SERIES**	BOLT DIA. (inches)	RECOMMENDED WRENCH TORQUE		
		in.-lb.	ft.-lb.	n.-m.
69CK, M69CK (6 bolts) 72CK (6 bolts) 74CK, M74CK (6 bolts) 76AK, M76AK (6 bolts) 76AM6, M76AM (6 bolts) 74DM6, M74DM (6 bolts) 74DR, M74DR (8 bolts)	3/8 (0.375)	280-300		32-34
74DM7 (6 bolts)	7/16 (0.4375)	80-540	40-45	54-61
72CC, 72FM8 (6 bolts) 74DC, M74DC (6 bolts) 76EM8, M76EMM (6 bolts) * 80BM8, M80BMM (bolts)	1/2 (0.500)	220-280	60-65	81-88

The subject aircraft was involved in an incident / accident  
 at W. O. H. on 8-5-26 rendering it  
 a total loss as not repairable within its insured value. EBF  
 furnished information prefer to file 702225265  
 Signed [Signature] Date 12/6/01  
 Phoenix Aviation Managers, Inc.  
 625 Highlands Blvd., Suite 108  
 Coatesville, PA 19320

\* Not in production  
 \*\* These are the basic propeller models. Spacer addition does not affect recommended wrench torque.

**DESCRIPTION OF ALL OPERATIONS  
PERTAINING TO AIRWORTHINESS DIRECTIVES,  
SERVICE BULLETINS, SERVICE LETTERS,  
& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		<p>9-22-04 Sensenich 70CM759-0-79, serial #34753K was overhauled, straightened, set pitch &amp; track I/A/W service manual SPRM590. The mechanic making the installation must comply with FAR 43.9.</p>	
			<p>Repair Station DM2R773K certifies this <u>prop</u> is airworthy with respect to the work performed. San Antonio Propeller Service, Inc. Signed: <i>[Signature]</i></p>
10-6-12		<p>Inspecting Prop &amp; Spinners Track 56. (low)</p>	<p>Checked OK</p>

**SAN ANTONIO PROPELLER SERVICE, INC.**  
**SERVICEABLE PARTS TAG**

Work Order 13845

Customer Order No. \_\_\_\_\_

Customer's Name Farm & Ranch Aerial Service

Part Name Propeller Part Mfg. Sensenich

Part No. 70CM759-0-79 Serial No. 34753K

Remarks Propeller was overhauled, straightened,  
& set pitch & track I/A/W service manual #  
SPRM590.

**MAINTENANCE RELEASE**

This stamped paper is an official document and shall be kept with the AIRCRAFT'S OFFICIAL HISTORICAL RECORDS. Work accomplished under the above listed work order number is on file at this agency. The above component was repaired and/or inspected in accordance with the current FEDERAL AVIATION REGULATION, ground functionally tested and approved for return to service subject to Flight Operational Test. The mechanic making the installation must CW FAR 43.9

Signed [Signature]

Date September 22, 2004

San Antonio Propeller Service, Inc.  
 234 W. Turbo, San Antonio, Texas 78216  
 FAA Approved Repair Station No. DM2R773K

TIVES,  
RS,

SIGNATURE

Sensenich 70CM759-0-79,  
was overhauled,  
set pitch & track I/A/W  
SPRM590. The mechanic  
installation must comply

DM2R773K certifies this  
 worthy with respect to the  
 d.

Propeller Service, Inc.  
[Signature]

10-6-12 Inspected Prop & Spinner  
Track 56. (Ins)

Checked OK





