

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

Aero TRANSPORT™ 
www.aerotransport.com

R4.0

MARIA STREET
HISIANA 70062
804) 469-6751

1E

rated High

Tin	Moly.
< 0.1 (0.3)	N/A

Grit	Misc.

rated High

Tin	Moly.
< 0.1 (0.3)	N/A

Grit	Misc.

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ducts
X 90503

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AIRCRAFT DATA

1. Nationality & Registration N787NV
2. Manufacturer's Designation
(Make & Model) RV-7A
3. Manufacturer's Serial
Number 72097
4. Type Approval or
Specification Number _____
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____



rated	High
Tin	Moly.
< 0.1 (0.3)	N/A
Grit	Misc.
rated	High
Tin	Moly.
< 0.1 (0.3)	N/A
Grit	Misc.

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
CARRIED FORWARD						

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

I certify this aircraft has been assembled in IAW with
VAN'S RV-7A instructions
 and has been final inspected and found to be for
 flight. Print Name: [REDACTED]
 Signature: [REDACTED]
 Date: 3/15/19

I find that this aircraft meets the requirements for the
 certificate requested and have issued a Standard Special
 airworthiness certificate for the purpose of Am-Built
 Tom Grenier, DAK [REDACTED] Date: 14 MAR 2019

Make: VANS Date: 3/15/19
 Model: RV-7A Hobbs: NA
 Reg No: 787 NV Tach: 0.0
 Ser No: 72097 T&P 02667 Tot Time: 0.0

I certify the ATC Transponder tests required By FAR
 91.413 Have been performed in accordance with FAR 43
 Appendix F.

Details of these tests are on file at 702 Helicopter Inc.
 RS# 7HER154C under work order number 2019-08

The aircraft identified above was inspected in accordance with
 current regulations of the FAA and is approved for return to service.

Signed [REDACTED]

5/07/19 324

CLEANED FUEL FILTER FOR
ELECTRIC FUEL PUMP.

PAGE
TOTALS

CARRY FORWARD to Top of Next Page

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)	
1	1. Inspect the engine oil level and condition. Top up if necessary.
2	2. Check the coolant level and condition. Top up if necessary.
3	3. Check the brake fluid level and condition. Top up if necessary.
4	4. Check the air filter and replace if necessary.
5	5. Check the spark plug and replace if necessary.
6	6. Check the timing belt and replace if necessary.
7	7. Check the water pump and replace if necessary.
8	8. Check the alternator and replace if necessary.
9	9. Check the battery and replace if necessary.
10	10. Check the lights and replace if necessary.
11	11. Check the horn and replace if necessary.
12	12. Check the steering and replace if necessary.
13	13. Check the suspension and replace if necessary.
14	14. Check the brakes and replace if necessary.
15	15. Check the tires and replace if necessary.
16	16. Check the engine and replace if necessary.
17	17. Check the transmission and replace if necessary.
18	18. Check the rear axle and replace if necessary.
19	19. Check the front axle and replace if necessary.
20	20. Check the chassis and replace if necessary.
21	21. Check the body and replace if necessary.
22	22. Check the interior and replace if necessary.
23	23. Check the exterior and replace if necessary.
24	24. Check the engine and replace if necessary.
25	25. Check the transmission and replace if necessary.
26	26. Check the rear axle and replace if necessary.
27	27. Check the front axle and replace if necessary.
28	28. Check the chassis and replace if necessary.
29	29. Check the body and replace if necessary.
30	30. Check the interior and replace if necessary.
31	31. Check the exterior and replace if necessary.
32	32. Check the engine and replace if necessary.
33	33. Check the transmission and replace if necessary.
34	34. Check the rear axle and replace if necessary.
35	35. Check the front axle and replace if necessary.
36	36. Check the chassis and replace if necessary.
37	37. Check the body and replace if necessary.
38	38. Check the interior and replace if necessary.
39	39. Check the exterior and replace if necessary.
40	40. Check the engine and replace if necessary.
41	41. Check the transmission and replace if necessary.
42	42. Check the rear axle and replace if necessary.
43	43. Check the front axle and replace if necessary.
44	44. Check the chassis and replace if necessary.
45	45. Check the body and replace if necessary.
46	46. Check the interior and replace if necessary.
47	47. Check the exterior and replace if necessary.
48	48. Check the engine and replace if necessary.
49	49. Check the transmission and replace if necessary.
50	50. Check the rear axle and replace if necessary.
51	51. Check the front axle and replace if necessary.
52	52. Check the chassis and replace if necessary.
53	53. Check the body and replace if necessary.
54	54. Check the interior and replace if necessary.
55	55. Check the exterior and replace if necessary.
56	56. Check the engine and replace if necessary.
57	57. Check the transmission and replace if necessary.
58	58. Check the rear axle and replace if necessary.
59	59. Check the front axle and replace if necessary.
60	60. Check the chassis and replace if necessary.
61	61. Check the body and replace if necessary.
62	62. Check the interior and replace if necessary.
63	63. Check the exterior and replace if necessary.
64	64. Check the engine and replace if necessary.
65	65. Check the transmission and replace if necessary.
66	66. Check the rear axle and replace if necessary.
67	67. Check the front axle and replace if necessary.
68	68. Check the chassis and replace if necessary.
69	69. Check the body and replace if necessary.
70	70. Check the interior and replace if necessary.
71	71. Check the exterior and replace if necessary.
72	72. Check the engine and replace if necessary.
73	73. Check the transmission and replace if necessary.
74	74. Check the rear axle and replace if necessary.
75	75. Check the front axle and replace if necessary.
76	76. Check the chassis and replace if necessary.
77	77. Check the body and replace if necessary.
78	78. Check the interior and replace if necessary.
79	79. Check the exterior and replace if necessary.
80	80. Check the engine and replace if necessary.
81	81. Check the transmission and replace if necessary.
82	82. Check the rear axle and replace if necessary.
83	83. Check the front axle and replace if necessary.
84	84. Check the chassis and replace if necessary.
85	85. Check the body and replace if necessary.
86	86. Check the interior and replace if necessary.
87	87. Check the exterior and replace if necessary.
88	88. Check the engine and replace if necessary.
89	89. Check the transmission and replace if necessary.
90	90. Check the rear axle and replace if necessary.
91	91. Check the front axle and replace if necessary.
92	92. Check the chassis and replace if necessary.
93	93. Check the body and replace if necessary.
94	94. Check the interior and replace if necessary.
95	95. Check the exterior and replace if necessary.
96	96. Check the engine and replace if necessary.
97	97. Check the transmission and replace if necessary.
98	98. Check the rear axle and replace if necessary.
99	99. Check the front axle and replace if necessary.
100	100. Check the chassis and replace if necessary.

43.0 HOBBS, 40.3 FLIGHT TIME

I CERTIFY THAT THE PRESCRIBED
AIRCRAFT IS CONTROLLABLE
THROUGHOUT ALL MANEUVERS TO BE
CHARACTERISTICS OF DESIGN

I CERTIFY THAT THE FOLLOWING
AND THAT THE AIRCRAFT IS CONTROLLED
RANGE OF SPEEDS. THE FLIGHT
ARE LOOPS AND HORIZONTAL FLIGHTS
AILERON AND BARREL ROLLS AT 104-
VERTICAL ROLLS AT 156-165 KTS

COMPLIED WITH CONDITIONAL
AXLES AND BEARINGS.
PERFORMED ELT TEST.
AND HINGES.
CHECK AND COMPLIED WITH

I CERTIFY THAT THIS AIRCRAFT
PART 43, APPENDIX D AND
AIRWORTHY CONDITION (END)

INSTALLED 2 NEW MAIN TIRES,
AND 5.00'S AERO CLASSIC LEAK

REPLACED (4) NGK ^{RM} COMPLIANT
INSPECTED AND LUBED AXLES
WEAR. PERFORMED ELT
AND HINGES. CHECKED AND

FLIGHT TEST HAS BEEN COMPLETED AND THE
OUT 1ST NORMAL RANGE OF SPEEDS AND
EXECUTED, HAS NO HAZARDOUS OPERATING
FEATURES, AND IS SAFE FOR OPERATION

AEROBATIC MANEUVERS HAVE BEEN TEST FLOWN
ABLE THROUGHOUT THE MANEUVERS' NORMAL
-TESTED AEROBATIC MANEUVERS AND SPEEDS
AT 122-165 KTS, IMMELMAN TURNS AT 130-165 KTS,
165 KTS, SNAP ROLLS AT 69-95 KTS,
AND SPLIT-S AT 87-96 KTS

INSPECTION, CLEANED/INSPECTED + LUBED
REMOVED AND REPLACED BRAKE PADS.
LUBED ALL FLIGHT CONTROL PUSHINGS
ALL RV7 SERVICE BULLETINS

HAS BEEN INSPECTED IN REFERENCE TO
HAS BEEN DETERMINED TO BE IN AN

AND TUBES. AERO CLASSIC 500-5 TIRES
GUARD TUBES

WITH CONDITIONAL INSPECTION. CLEANED AND
AND BEARINGS, INSPECTED BRAKE PADS FOR
TEST. LUBED ALL FLIGHT CONTROL BUSHINGS
COMPLIED WITH ALL RUT SERVICE BULLETINS ✓

Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
CARRIED FORWARD	HRS	MIN	HOURS	MIN			
4/10/21	165	6	165	6			
Sandy Valley Avionics FAA CRS: 5VVR720D							
4/03/21	Registration: N-787NV ACTT: 165.6 Work Order #: 2021-009 Make: RV7A Model: RV7A SN: 72097 I certify that the altimeter and static system tests required by §91.411 and transponder tests, including data correspondence, required by §91.413, have been performed and found to comply with 14 CFR part 43, appendices E and F. Altimeter Model: Dynon Skyview SN: 1.06553 Transponder Model: SV-XPNDR-26 SN: 02667 Encoder Model: Dynon Skyview SN: 2.04448 Altimeter was tested to 20,000 feet on 04/03/2021. Transponder was tested on 04/03/2021. Encoder data correspondence was tested to 20,000 feet on 04/03/2021. Static system leak tested on 04/03/2021. Signature: [Redacted] 04/03/2021 SVA-03						

4/07/21	165.6	165.6	I CERTIFY THAT THIS REFERENCE TO PART 43 TO BE IN AN AIR WORTHY	AIRCRAFT HAS BEEN INSPECTED IN APPENDIX D AND HAS BEEN DETERMINED CONDITION (END)	[Redacted]
4/30/21	180.4	180.4	REPLACED ALTERNATOR WITH PERFORMED ALTERNATOR CHECK	HARTZEL MODEL 99-1012 SN H-4100795, CHECKS GOOD	[Redacted]
12/18/21	213.9	213.9	REPLACED AIRCRAFT BATTERY	WITH EARTH X, MODEL CTX 680	[Redacted]
1/17/22	215.4	215.4	REPLACED FLT BATTERY WITH	ACK E-04 REPLACEMENT, BATTERY EXPIRES OCT 11/2026	[Redacted]
PAGE TOTALS					
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AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

MARIA STREET
LSIANA 70062
(04) 469-6751

1E

rated High

Tin	Moly.
< 0.1 (0.3)	N/A

Grit	Misc.

rated High

Tin	Moly.
< 0.1 (0.3)	N/A

Grit	Misc.

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ENGINE DATA

1. Make LYCOMBING
2. Model YIO-360-MIB
3. Specification _____
4. Manufacturer's Serial Number EL-35850-51E
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____

Elevated High	
Tin	Moly.
< 0.1 (0.3)	N/A
Grit	Misc.
Elevated High	
Tin	Moly.
< 0.1 (0.3)	N/A
Grit	Misc.

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1-10

Section 3A: Engine Service and Maintenance Log

DATE	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
	HOURS	min	HOURS	min	Sub Total	TOTAL			
4/18/19	11	5	11	5			CHANGED OIL. ADDED 8 QTS OF AEROSHELL 100 MINERAL OIL SAE 50 NEW OIL FILTER CHAMPION CH48110-1 4/18/19 A [REDACTED]		
5/17/19	37	7					CHANGED OIL SERVICED WITH SAE 50. CLEANED AND GAPPED CLEANED PLUGS. SET TIMING ON		
6/10/19	46	4					8 QTS OF AEROSHELL 100 MINERAL OIL SPARK PLUGS. CLEANED AND AIR FILTER LEFT. MAG		
9/25/19	88	5					CHANGED OIL / SERVICED WITH NEW OIL FILTER CHAMPION # SET RICH / LEAN ADJUSTMENT		
4/22/20	114	0	114	0			CHANGED ENG OIL. SERVICED WITH 12 OZ OF CAM GUARD. BR8ES AND 4 CHAMPION COMPLETED COMPRESSION CHECK CHECKED TIMING ON L + R MAGS		
4/12/20	114	0	114	0			I CERTIFY THAT THIS AIRCRAFT PART 43 APPENDIX D. DETERMINED TO BE IN AN		
4/03/21	165	6	165	6			CHANGED ENGINE OIL AND X/L SAE 25-60 WITH 12 OZS AIR FILTER. INSTALLED 4 4 CHAMPION REM 38E CHECK #1. 78/80 #2. TIMING ON L AND R MAGS		
							HAS BEEN INSPECTED IN REFERENCE TO (CONDITIONAL INSPECTION) AND HAS BEEN AIRWORTHY CONDITION.		
							FILTER WITH 7 1/2 QUARTS OF PHILLIPS OF CAMGUARD. FILTER, CH48110-1. CLEANED NEW NGK BR8ES SPARK PLUGS. CLEANED SPARK PLUGS. COMPLETED COMPRESSION 79/80 #3. 76/80 #4. 78/80. CHECKED SERVICED FUEL FILTER		

THIS PAGE TOTALS

PREVIOUS TOTALS

TOTALS SINCE NEW

CARRY FORWARD to Top of Next Page

Section 3A: Engine Service and Maintenance Log

DATE	TIME		TIME		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL

4/18/21

BROUGHT FORWARD

165.6

4/27/21

1/17/22

215.4

215.4

DESCRIPTION OF WORK PERFORMED:
(INSPECTION, REPAIRS, REPLACEMENT)

I CERTIFY THAT THIS
REFERENCE TO PART 43
TO BE IN AN AIRWORTHY
CHANGED ENGINE OIL AND
WITH 12025 OF CAM GUARD
AIR FILTER.

AIRCRAFT HAS BEEN INSPECTED IN
APPENDIX D AND HAS BEEN DETERMINED
CONDITION. (END)

ALTER WITH 7 QTS OF PHILLIPS 66 XC20-50
FILTER CHAMP/CH 48110-1. CLEANED

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

REPAIRMAN
A CERT.

THIS PAGE
TOTALS
PREVIOUS
TOTALS
TOTALS
SINCE NEW

CARRY FORWARD to Top of Next Page

MARIA STREET
BIRMINGHAM 35202
(205) 468-6751

Inspected

Tin Moly.
< 0.1
0.31

Grit Misc.

Inspected

Tin Moly.
< 0.1
0.31

Grit Misc.

VERY
ENNISON

Products

-10

AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

AeroTRANSPORT™ Publications
www.aerotransport.com



R2.2

0 MARIA STREET
LOUISIANA 70062
(504) 469-6751

21
5051E
50

Elevated	High
----------	------

Tin	Moly.
< 0.1 (0.3)	N/A

Grit	Misc.
------	-------

Elevated	High
----------	------

Tin	Moly.
< 0.1 (0.3)	N/A

Grit	Misc.
------	-------

AVERY
DENNISON

Products
CE, CA 90503

11-10

PROPELLER LOG

1. Make HARTZELL
2. Model HC-C24R-1BF/F7497
3. Specification Number _____
4. Date of Manufacture _____
5. Hub Serial Number NS868B
6. Blades
 - (a) Design No. _____
 - (b) Blade Serial Numbers:
 - (1) _____
 - (2) _____
 - (3) _____
 - (4) _____
 - (5) _____
 - (c) Pitch Settings
 - (1) Basic _____
 - (2) High _____
 - (3) Low _____
 - (4) Reverse _____

110 MARIA STREET
LOUISIANA 70062
(504) 469-6751

021
35051E
360

Elevated High

n	Tin	Moly.
	< 0.1 (0.3)	N/A

Grit Misc.

Elevated High

m	Tin	Moly.
	< 0.1 (0.3)	N/A

Grit Misc.

AVERY
DENISON

Section 4A: Propeller Service and Maintenance Record

DATE 1 1	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS	NAME/ SIGNATURE	LICENCE: AMEOT AMO/ACA
	HOURS	MIN	HOURS	MIN			
4/22/20	114.0		114.0		INSPECTED AND LUBED PROPELLER I CERTIFY THAT THIS PROPELLER HAS APPENDIX D AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION		
4/07/21	165.6		165.6		INSPECTED AND LUBED PROPELLER I CERTIFY THAT THIS PROPELLER TO PART 43 APPENDIX D AND HAS CONDITION. (END)		

THIS PAGE TOTAL	
PREVIOUS TOTAL BROUGHT FORWARD	
TOTAL SINCE NEW	

CARRY FORWARD to Top of Next Page

910 MARIA STREET
R. LOUISIANA 70062
(504) 469-6751

1/2021
585051E
360

Elevated	High
Tin	Moly.
< 0.1 (0.3)	N/A
Grit	Misc.

Elevated	High
Tin	Moly.
< 0.1 (0.3)	N/A
Grit	Misc.

AVERY
DENNISON
Products
CE CA 9803
11-10