

The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer TOMMY E WALKER Model VAN'S RV-6A
Serial 24922 Registration Number N 350 TW
Date of Manufacture 4/4/05

Engine(s) currently installed:

Manufacturer LYCOMING Model G-360-A1D Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer PRINCE Model P.TIP

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR: 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
2/20		-0-	-0-	COMPLIED w/ SB06-2-23, SAFETY WIRE FUEL PICKUP IN TANKS
3/30	95.3			AIRCRAFT INSPECTED & FOUND TO BE IN SAFE OPERATING COND. <i>[Signature]</i> 3/30/06 I HAVE INSPECTED THIS AIRCRAFT AND HAVE ISSUED A <i>Special</i> AIRWORK CERTIFICATE DATE <i>4-1-2006</i> <i>[Signature]</i> FAA-DAR <i>DART-200017-SC</i>

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
4/17	98.9			REMOVE CAUL/INSPECT FOR LEAKS ETC. DAMMED #1, WASHER BEHIND #3, INSTALLED TEMP RUD. TAB & LT WING TRIMT. Jew 4/17/06
4/20	103.0			REMOVE CAUL/INSPECT, CLEANED PUGS & TEST NEW IN AB ① BACK FIRE PUGH LT MAG JEW 4/20/06
4/21	103.9			REMOVE CAUL, INSPECT, CLEAN BOTTOM PUGS SET MAG TIME 3 1/2 TURNS JEW 4/21/06
4/23	107.1			REMOVE CAUL & SPINNER MOVED PROP BACK 60° CLEANED BOTTOM PUGS FOULING BOTTOM 2 1/2 TURNS ON CASB JEW 4/23/06
4/24	107.9			REMOVE CAUL INSPECT REMOVE CASB ADS. FLOAT LOWER RE-INSTALLED CLEANED PUGS 4/27/06 JEW
4/24 5/7/06	107.9 121.9			REMOVED CAUL, REMOVED PROP & SPINNER, INSTALLED NEW

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT HOURS	TOTAL 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.)
5/1/06	121.6			ALTERNATOR BOUL, REMOVED AIR PUMP PT BRAKE LINE
5/1/06	121.6			OIL CHANGED, INSTALLED PROP 80 FT LBS SAFETY WIRE
5/1/06	121.6			& INSTALLED SPINNER INSTALLED CONE ETC. JLM
5/13/06	125.5	41.9	41.9	I HEREBY 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 AIRCRAFT OPERATING
				DATA HAS BEEN DEMONSTRATED DURING THE FLIGHT TESTING:
				V _{SO} 55 MPH, V _X 90 MPH, V _Y 120 MPH, AND THE
				WEIGHT 1102 LBS AND CG LOCATION 71.07 IN WHICH

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
		H6BDS		THEY WERE OBTAINED, AND CONDITIONS ALL COMPLY WITH FAR 91.319(b). <i>Joy Walker</i> 5/13/06
5/13/06	125.5	41.9	41.9	I FURTHER CERTIFY THAT THE FOLLOWING ACROBATIC MANEUVERS HAVE BEEN TEST FLOWN AND THE AIRCRAFT IS CONTROLLABLE THROUGHOUT THE MANEUVERS, NORMAL RANGE OF SPEEDS AND IS SAFE FOR OPERATION. THE FLIGHT-TESTED MANEUVERS ARE: ROLLS, LOOPS, HAMMERHEAD, IMMERMANN, <i>Joy Walker</i> 5/13/06 (W/CONFERENCE W/91.303)
5/13/06	125.5	41.9	41.9	I HEREBY CERTIFY THIS AIRCRAFT TO COMPLY WITH 91.205 FOR NIGHT & IFR FLIGHT <i>Joy Walker</i> 5/13/06

YEAR:	RECO TACH TIME
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DATE _____

RECO
TACH
TIME

Cumberland Avionics, LLC FAA certified repair station #X24R306X
210 Tune Airport Drive Nashville, TN 37209

REG NO:350TW

DATE:05/23/06

MODEL #: RV-6A

TACH:

S/N: 24822

HOBBS:50.9

- I certify that the altimeter system and altitude reporting equipment test required by FAR91.411 has been performed and found to comply with FAR 43 Appendix E.

Altimeter's tested to 20,000 feet.

I certify this transponder (make)king (model) kt-76A (S/N) has been tested and inspected as required by FAR 91.413

This aircraft and/or component identified above was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this repair station under work order # 2510

Signed:

0
1: *Chas. F. Smith*

DATE: 05/23/06

S Technician or Repair

Technician or Repair

YEAR:

REC:
TACI
TIME

Cumberland Avionics, LLC FAA certified repair station #X24R306X
210 Tune Airport Drive Nashville, TN 37209

DATE

REG NO:350TW

DATE:05/23/06

MODEL #: RV-6A

TACH:

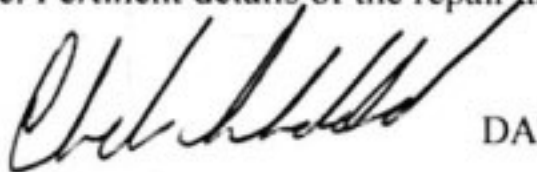
S/N: 24822

HOBBS:50.9

Installed new A-30 encoder and wired to kt-76A and Garmin
300XL GPS. System op check good.

This aircraft and/or component identified above was repaired and inspected in
accordance with current federal aviation regulations and was found airworthy for return
to service. Pertinent details of the repair are on file at this repair station under work order
2510

Signed:



DATE: 05/23/06

15

f Technician or Repair

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT HOURS	TOTAL 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.)
6/16	153.5			REMOVED COIL CK FOR OIL LEAKS ETC, REMOVED STARTER, REPLACE BENDIX & AXLE, RE INSTALLED STARTER & COIL <i>Heck</i> 6/16/06
6/8				REMOVED DYNON FOR REPAIR
7/6	161.5			REMOVED FLAP MOTOR CLEAN BRUSHES ETC REINSTALLED RE INSTALLED DYNON TESTED OK! <i>Heck</i> 7/6/06
7/15	173.2	97.0		REMOVED W, PANTS, WHEELS & BRAKES. ROTATED TIRES CLEANED & GREASED WHEEL BEARINGS, INSPECTED BRAKES & CLEANED. RE ASS, SAFETY WIRED ETC (WATCH BRAKES NEXT TIME) <i>Heck</i> 7/15/06
7/18	174.0			REMOVED COIL & PROP FOR ENGINE WORK RE INSTALLED PROP INSP FOR WORKS REPAIRED COIL ETC <i>Heck</i> 7/18/06

YEAR: 06 DATE	RECORDING TACH TIME	TODAY'S FLIGHT HOURS	TOTAL 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.)
7/18	176.2			VOR $\checkmark \pm 1^\circ$ SPRINGFIELD & BNA VOR <i>John</i>
9/6	196.7	125.9		REMOVED & CLEANED FLAP MOTOR BRUSHES ETC, RE INSTALL TEST OK <i>John</i> 9/6/09
10/18	222.6	144.5		
10/18	222.6	144.5		REMOVED COWL CK FOR LEAKS ETC INSTALLED NEW TIRES & BRAKES, CLEAN ETC, <i>John</i> 10/18/06
11/22	220.7			
11/22	220.7	152.6		REMOVED & CLEANED FLAP MOTOR RE INSTALL & TEST <i>John</i> 11/22/06 #3166246
11/28	220.7	154.1		VOR $\checkmark \pm 2^\circ$ SPRINGFIELD & BNA VOR <i>John</i> 2.018 11.51
12/11				

YEAR: 06 DATE	RECORDING TACH TIME	TODAY'S FLIGHT HOURS	TOTAL 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.)
8/15/06	190.0	177.1		CHANGED LEFT FUEL FILTER JW 8/15/06
4/12/07	264.9	197.3	197.3	PERFORMED COMPLETE & THOROUGH ANNUAL I HEREBY CERTIFY THAT N 350TW HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER ANNUAL PERFORMED THIS DATE (SEE SEPARATE ANNUAL FILE W/ DETAILED INFORMATION) AS TO ANNUAL INSPECTION & MAINTENANCE ETC. INSTALLED NEW NOSE TIRE J. Ogilvie RC # 3126646 3166246
9/28		268.1		VORV $\pm 2^\circ$ J. Ogilvie 3126646 3166246
12/11	346.5	278.4		REPAIRED Bottom Cone HUBS J. Ogilvie 3126646
12/21	347.3	278.9		REPLACE MAIN TIRES, INSPECT BRAKES, FUEL PIPES ETC. SAFETY WIRE J. Ogilvie 3126646

3166246

YEAR: <u>2008</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT HOURS	TOTAL 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.)
4/21	373.2	303.2		MODIFIED GEAR NOSE GEAR LEG & INSTALLED NEW WD-630-1 FORK AS PER MANDATORY SERVICE BULLETIN 07-11-09 <i>[Signature]</i> #31266463166246
4/24	373.2	303.2		FINISHED COMPLETE & THOROUGH ANNUAL CONDITION INSPECTION. I HEREBY CERTIFY THAT N-350TV HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER ANNUAL PERFORMED THIS DATE. (SEE SEPARATE ANNUAL FILE FOR DETAILED INFORMATION) <i>[Signature]</i> RC #3126646 3166246

YEAR: 08 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
5/20	385.3	315.2		REPLACED COUL INLET Baffle Seals <i>Juw</i> 316624b
6/27	399.1	331.2		INSTALLED ALTITUDE HOLD, TRIO G2-1 AS PER
7/20				MF6 INSTRUCTIONS & TESTED <i>Juw</i> 312664b
7/20				VOR CK BNA $\pm 1^\circ$ <i>Juw</i> 316624b
9/6/08	425.0	356.0		REMOVED WHEEL PANTS, ROTATE TIRES, INSPECT
				REPACK BEARINGS, REINSTALL WHEELS & BRAKES
				SAFETY WIRE REINSTALL WHEEL PANTS <i>Juw</i> 3126624b
3/2/09		392		REPLACED MAIN & AUX BATTERIES
3/2/09	448	392		REPLACED ENGINE TACH <i>Juw</i> 3126624b
				NEW TACH HOURS PLUS 1080 = TTE
3/27		415		INSTALLED MATCH AXEL IN NOSE WHEEL
				CLEANED & REPACKED BEARINGS ETC. <i>Juw</i> 3126624b
				REPLACED NOSE TIRE w/ NEW ONE

YEAR: ---Cumberland Avionics, LLC FAA certified repair station #X24R306X
210 Tune Airport Drive Nashville, TN 37209

DATE REG NO: N350TW DATE: 05/29/08

MODEL #:RV-6A TACH: 389.2

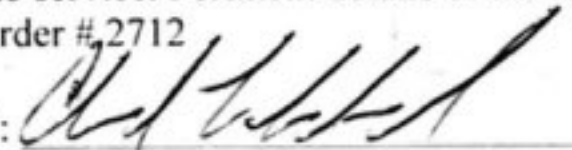
S/N: 24822 HOBBS:319.5

Airframe Log

I certify that the altimeter system and altitude reporting equipment test required by FAR91.411 has been performed and found to comply with FAR 43 Appendix E. Altimeter's tested to 20,000 feet.

I certify this transponder (Make)King (Model)KT-76A (S/N) has been tested and inspected as required by FAR 91.413

This aircraft and/or component identified above was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this repair station under work order #2712

Signed:  DATE: 05/29/08

ations

umber of Technician or Repair

246

YEAR: 2009 DATE	RECORDING TACH TIME	TOTAL FLIGHT HOURS	TOTAL 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.)
5/1/09	28.1	415		FINISHED COMPLETE & THOROUGH ANNUAL COND INSPECTION.
				I HEREBY CERTIFY THAT N-350 TW (SN 24822) HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER ANNUAL PERFORMED THIS DATE, (SEE SEPARATE ANNUAL FILE FOR DETAILED INFORMATION) <i>John 5/1/09 316246</i>
7/1/09	42.6	429		NEW TIRES, REMOVED WHEEL PARTS, REMOVED BRAKES & WHEELS ETC. CHECKED BRAKE PADS PLANNED & PACKED BEARINGS MOUNTED NEW TIRES SAFETY WIRES ETC. RE INSTALLED WHEEL PARTS <i>John 316246</i>

YEAR: 2010 DATE	RECORDING TACH TIME	TOUR'S FLIGHT HOURS	TOTAL 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.)
1/6	104.4	482.9		REMOVED INTAKE TUBES & REPLACED INTAKE HOSES & GASKETS. REPLACED TACH. CLEANED & REPLACED FUEL FILTERS. Jimmy Lee 3166246
	448A			NEW TACH READING. MAKE TACH TIME + TIME IN SERVICE = TT ESN
3/11	456	494.6		CLEANED & INSPECTED BRAKE SYSTEM INC. LINES ETC OK! WILL NEED PADS @ ANNUAL IN MAY 3166246
5/5	470	510		END REMOVED WHEEL PANTS & REPLACED BRAKE PADS. CLEANED & REPAIRED WHEEL BEARINGS REASSEMBLE & TEST ROTATED TIRES

YEAR:
2010

DATE

Cumberland Avionics, LLC
FAA certified repair station #X24R306X
210 Tune Airport Drive Nashville, TN 37209

Technician or Repair

REG NO: N350TW

S/N: 24822

DATE: 6/8/10

MODEL #: Vans RV6A

TACH: 486.2

Airframe Log

HUBBS 526.0

I certify that the altimeter system and altitude reporting equipment test required by FAR 91.411 has been performed and found to comply with FAR 43 Appendix E. Altimeter's tested to 20,000 feet.

I certify this transponder King KT-76A has been tested and inspected as required by FAR 91.413

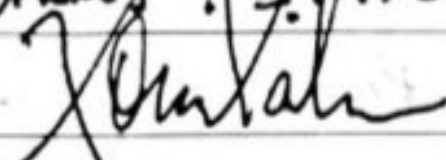
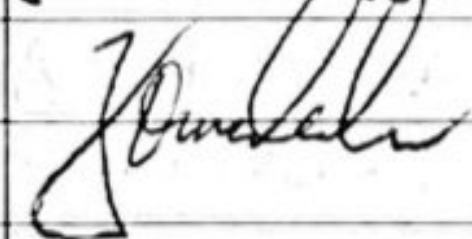
This aircraft and/or component identified above was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this repair station under work order # 2899

Signed:



DATE: 6/8/10

YEAR: 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT HOURS	TOTAL 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.)
6/1	490	5253		I HEREBY CERTIFY THAT N-350TW (SN24822) HAS BEEN INSPECTED & FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER ANNUAL PERFORMED THIS DATE (SEE SEPARATE ANNUAL FILE FOR DETAILED INFORMATION) <i>[Signature]</i> 3166246 6/1/10
7/1	561.2	608		I HEREBY CERTIFY THAT N-350TW (SN24822) HAS BEEN INSPECTED & FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER ANNUAL INSPECTION PERFORMED THIS DATE (SEE SEPARATE ANNUAL FILE FOR DETAILS & INSPECTION REPORT) <i>[Signature]</i> 3166246 7/1/11

YEAR: 2012	RECORDING TACH TIME	NAME HOBBS	TOTAL 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.)
DATE 3/18/12	602.3	651.2		REMOVED WHEEL PANTS & BRAKES & WHEELS/TIRES. INSPECTED BRAKES CLEANED & REPACKED BEARINGS INSTALLED NEW TIRES REPLACED BRAKES & S. WIRED REPLACED WHEEL PANTS ETC.
7/1/12		666.1		 3166246 3/18/12 I HEREBY CERTIFY THAT N350TW (SN 24822) HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER ANNUAL CONDITION INSPECTION PERFORMED THIS DATE (SEE SEPERATE ANNUAL FILE FOR DETAILS & INSPECTION REPORT)
				 3166246 7/1/12

YEAR:

DATE

ACFT SN#
24822TACH 0633.8
Altimeter/Static System CertificationHOBBS
00684.4

Technician or Repair

Merlin's Avionics Service

Tel: (615) 305-1186

307 Roberta Drive

Hendersonville, Tennessee 37075

FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 3185 Acft. Reg. No. N350TW

Acft Type RV6A Altimeter Position #1

Altimeter P/N# S/N#

Date 6-19-12 Signed *Merlin's Avionics*

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff. (Tol. 25 Ft.)
-1000	-1000	20	14,000	13985	100	1K	+10	70	28.10 -1727 -1727
0	0	20	16,000	15980	110	2K	+15	70	28.50 -1340 -1340
500	500	20	18,000	17980	120	3K	+10	70	29.00 -863 -863
1000	1000	20	20,000	19970	130	5K	+10	70	29.50 -392 -392
1500	1500	25	22,000	/	140	10K	+15	80	29.92 0 0
2000	2000	30	25,000	/	155	15K	+10	90	30.50 531 531
3000	2995	30	30,000	/	180	20K	+10	100	30.90 893 893
4000	3990	35	35,000	/	205	25K	/	120	30.99 974 974
6000	5990	40	40,000	/	230	30K	/	140	
8000	7980	60	45,000	/	255	35K	/	160	
10,000	9980	80	50,000	/	280	40K	/	180	
12,000	11980	90				50K	/	250	

Hysteresis: 1st Test Point @ 50% of Max. Alt. (Tol. 75 Ft.) +15

2nd Test Point @ 40% of Max. Alt. (Tol. 75 Ft.) +10

After Effect (Tol. 30 Ft.)

+10

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
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Transponder Certification

Merlin's Avionics Service Tel: (615) 305-1186
307 Roberta Drive Hendersonville, Tennessee 37075
FAA CRS #Z6MR586Y MAS Form #3

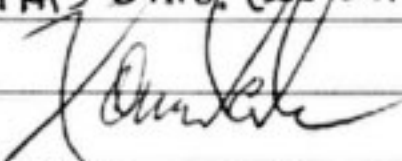
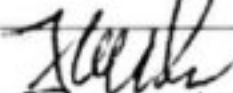
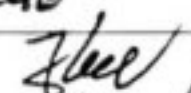
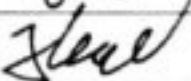
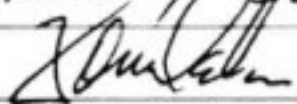
Work Order No. 3185 Acft.Reg.No. N350TW
 Aircraft Type RV6A Txpond Position #1
 Txpond P/N# KT76A S/N# _____

Check Box if Mode S ()

I certify the ATC Transponder tests and inspections required by
 FAR 91.413 were performed this date and found to comply with Part 43,
 Appendix F. Details of this inspection are on file at this repair station.

Date 6-19-12

Signed Merlin Gentry

YEAR: 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
7/5/13	669		724	I HEREBY CERTIFY THAT N350 TW (SN 29822) HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER ANNUAL COMBINATION INSPECTION PERFORMED THIS DATE. (SEE SEPARATE ANNUAL FILE FOR DETAILS OF THIS INSPECTION)  #3166246 7/5/13
9/19/13			736	REPAIRED # 3 CHT PROB  3166246
2/19/14	685.5		742	COMPLIED w/ SB 14-01-31, NO NOTCHES NO CRACKS 
2/19/14	685.5		742	COMPLIED w/ SB 14-02-05 NO CRACKS   #3166246

YEAR:

RE
TAI
TINACFT SN#
24822

Altimeter/Static System Certification

HOBBS
00751.0

or Repair

DATE

Merlin's Avionics Service

Tel: (615) 305-1186

307 Roberta Drive

Hendersonville, Tennessee 37075

FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 3877 Acft. Reg. No. N350TWAcft Type RV-6A Altimeter Position #1Altimeter P/N# DYNON S/N#Date 6-24-14 Signed Merlin's

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff. (Tol. 25 Ft.)
-1000	-1000	20	14,000	13995	100	1K	NA	70	28.10 -1727 -1727
0	0	20	16,000	15990	110	2K		70	28.50 -1340 -1340
500	500	20	18,000	17990	120	3K		70	29.00 -863 -863
1000	1000	20	20,000	19980	130	5K		70	29.50 -392 -392
1500	1500	25	22,000		140	10K		80	29.92 0 0
2000	2000	30	25,000		155	15K		90	30.50 531 531
3000	3000	30	30,000		180	20K	NA	100	30.90 893 893
4000	4000	35	35,000		205	25K		120	30.99 974 974
6000	6000	40	40,000		230	30K		140	
8000	8000	60	45,000		255	35K		160	
10,000	10000	80	50,000		280	40K		180	
12,000	11990	90				50K		250	

Hysteresis: 1st Test Point @ 50% of Max. Alt. (Tol. 75 Ft.) NA2nd Test Point @ 40% of Max. Alt. (Tol. 75 Ft.) NA

After Effect (Tol. 30 Ft.)

0

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

YEAR:

DATE

Altimeter/Static System Certification

cian or Repair

Merlin's Avionics Service

Tel: (615) 305-1186

307 Roberta Drive

Hendersonville, Tennessee 37075

FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 3877 Acft.Reg.No. N350TWAcft Type RV6A Altimeter Position #2

Altimeter P/N# _____ S/N# _____

Date 6-24-14 Signed Merlin's

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100	1K	+15 70	28.10	-1727 -1727
0	0	20	16,000	15985	110	2K	+15 70	28.50	-1340 -1340
500	500	20	18,000	17980	120	3K	+15 70	29.00	-863 -863
1000	1000	20	20,000	19970	130	5K	+15 70	29.50	-392 -392
1500	1500	25	22,000		140	10K	+15 80	29.92	0 0
2000	2000	30	25,000		155	15K	+20 90	30.50	531 531
3000	3000	30	30,000		180	20K	+15 100	30.90	893 893
4000	4005	35	35,000		205	25K		30.99	974 974
6000	6000	40	40,000		230	30K			
8000	8000	60	45,000		255	35K			
10,000	9990	80	50,000		280	40K			
12,000	11980	90				50K			

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) +152nd Test Point @40% of Max.Alt.(Tol.75 Ft.) +20

After Effect (Tol.30 Ft.)

+10

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

YEAR:

RECORDING
TACH
TIME

DATE

FLIGHT 718
SEP 1978

Transponder Certification

Merlin's Avionics Service Tel: (615) 305-1186

307 Roberta Drive Hendersonville, Tennessee 37075

FAA CRS #Z6MR586Y MAS Form #3

Work Order No. 3877 Acft.Reg.No. N350TWAircraft Type RV-6A Txpond Position #1Txpond P/N# KT76A S/N# _____

Check Box if Mode S ()

I certify the ATC Transponder tests and inspections required by
FAR 91.413 were performed this date and found to comply with Part 43,
Appendix F. Details of this inspection are on file at this repair station.

Date 6-24-14Signed Merlin Gunguly

Alterations

Date Number of Technician or Repair

YEAR: 2014 DATE	RECORDING TACH TIME H0805	TODAY'S FLIGHT	TOTAL 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.)
7/7	754		754	I HEREBY CERTIFY THAT N 350TY (SN 24822) HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERAT- ING CONDITION AND AIRWORTHY AS PER ANNUAL CONDITION INSPECTION COMPLETED THIS DATE. (SEE SEPERATE ANNUAL FILE FOR DETAILS OF THIS INSPECTION) <i>Johnny Lee</i> #3166246 7/7/14
5/1/15	778		778	INSTALLED NEW NOSE TIRE <i>John</i> 3166246
9/1/15	778		778	INSTALLED NEW NOSE TIRE <i>John</i> 3166246

[illegible]

YEAR:

DATE

DYNON D10A Altimeter TACH 0764.8

Altimeter/Static System Certification

Technician or Repair

Merlin's Avionics Service

Tel: (615) 305-1186

307 Roberta Drive

Hendersonville, Tennessee 37075

FAA CRS#Z6MR586Y MAS Form #4

 Work Order No. 6267 Acft.Reg.No. N350TW

 Acft Type RV-6A Altimeter Position #1

 Altimeter P/N# EFIS-D10A S/N#

 Date 1-8-19 Signed Merlin's Avionics

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff (Tol. 25 Ft.)
-1000	-1000	20	14,000	13990	100	1K	NA	28.10	-1727 -1727
0	0	20	16,000	15980	110	2K		28.50	-1340 -1340
500	500	20	18,000	17970	120	3K		29.00	-863 -863
1000	1000	20	20,000	19970	130	5K		29.50	-392 -392
1500	1500	25	22,000		140	10K		29.92	0 0
2000	2000	30	25,000		155	15K		30.50	531 531
3000	3000	30	30,000		180	20K		30.90	893 893
4000	4005	35	35,000		205	25K		30.99	974 974
6000	6000	40	40,000		230	30K			
8000	8000	60	45,000		255	35K			
10,000	9990	80	50,000		280	40K			
12,000	11990	90				50K			

 Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) NA

 2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) NA

After Effect (Tol.30 Ft.)

0

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

YEAR

DATE

STANDBY Altimeter Altimeter/Static System Certification

Merlin's Avionics Service

Tel: (615) 305-1186

307 Roberta Drive

Hendersonville, Tennessee 37075

FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 6267 Acft.Reg.No. N350TWAcft Type RV-6A Altimeter Position #2

Altimeter P/N# _____ S/N# _____

Date 1-8-19 Signed Merlin Supply

ician or Repair

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100	1K	+15	28.10	-1727
0	0	20	16,000	15980	110	2K	+15	28.50	-1340
500	500	20	18,000	17980	120	3K	+20	29.00	-863
1000	1000	20	20,000	19970	130	5K	+20	29.50	-392
1500	1500	25	22,000	/	140	10K	+20	29.92	0
2000	2000	30	25,000	/	155	15K	+15	30.50	531
3000	3000	30	30,000	/	180	20K	+15	30.90	893
4000	4000	35	35,000	/	205	25K	/	30.99	974
6000	5995	40	40,000	/	230	30K	/	Case Leak (FPM Tol. 100 Ft.) 0	
8000	7990	60	45,000	/	255	35K	/		
10,000	9980	80	50,000	/	280	40K	/		
12,000	11985	90				50K	/		

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) +202nd Test Point @40% of Max.Alt.(Tol.75 Ft.) +15

After Effect (Tol.30 Ft.)

+10

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
Transponder Certification Merlin's Avionics Service Tel: (615) 305-1186 307 Roberta Drive Hendersonville, Tennessee 37075 FAA CRS #Z6MR586Y MAS Form #3				
Work Order No. <u>6267</u> Acft.Reg.No. <u>N350TW</u>				
Aircraft Type <u>PV-6A</u> Txpond Position <u>#1</u>				
Txpond P/N# <u>KI76A</u> S/N# _____				
Check Box if Mode S (☐)				
I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.				
Date <u>1-8-19</u>				
Signed <u>Merlin Bingley</u>				

YEAR: 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT HOURS	TOTAL 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.)
12/6	739.3	803.3		INSTALLED NEW OIL SENDER
12/16	739.3	803.3		ROTATED MAIN TIRES, INSTALLED NEW BRAKE PADS I HEREBY CERTIFY THAT N350TW (SN24822) HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER ANNUAL CONDITION INSPECTION COMPLETED THIS DATE. (SEE SEPARATE ANNUAL CONDITION REPORT FOR DETAILS OF THIS INSPECTION) [Signature] #3166246 12/16/16
21/18 21/18	759	823.3	823.3	I HEREBY CERTIFY THAT N350TW HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER ANNUAL CONDITION INSP. COMPLETED THIS DATE. (SEE SEPARATE ANNUAL COND. REPORT FOR DETAILS) [Signature] #3166246

YEAR: 2019 DATE	RECORDING TACH TIME	TODAY'S FLIGHT HRS	TOTAL 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.)
4/28	769	832		REPLACED RT MAIN TIRE & TUBE
4/28	769	832		I HEREBY CERTIFY THAT N350TW HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER INSPECTION COMPLETED THIS DATE! SEE SEPARATE ANNUAL COND. REPORT FOR DETAILS, [Signature] #3166246 4/28/19
4/29	770	833.5		REPLACED AUX BATTERY
6/1/20	773.2	840.1		I HEREBY CERTIFY THAT N350TW HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS PER THIS INSPECTION COMPLETED THIS DATE! (SEE SEPARATE ANNUAL CONDITION REPORT FOR DETAILS) ALL SD'S UP TO [Signature] #3166246 6/1/20 DATE [Signature]

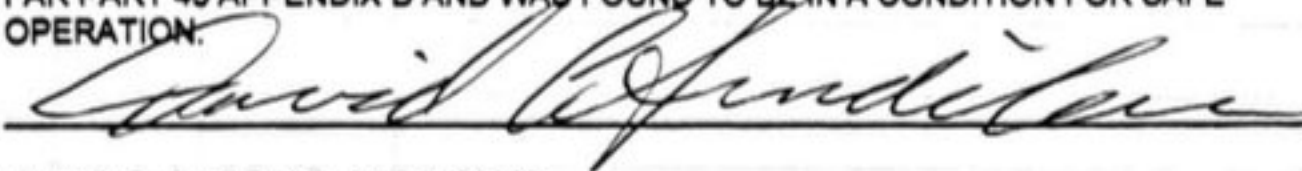
20
12/1
12

YEAR: 2021 DATE	RECORDING TACH TIME 782.5	TODAY'S FLIGHT Hours	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Facility. (See back pages for other specific entries.)
7/1	782.5	852.1	852.1	REPLACED CANOPY STRUTS
"	"	"	"	REPLACED BRAKE DISCS
"	"	"	"	REPLACED MAIN GEAR TUBES & TIRES
7/3	"	"	"	PERFORMED ANNUAL INSPECTION
				I HEREBY CERTIFY THAT N350TW HAS BEEN INSPECTED
				AND FOUND TO BE IN SAFE OPERATING CONDITION AND IS
				WORTHY AS PER THIS INSPECTION COMPLETED TASKS
				(SEE SEPARATE ANNUAL CONDITION REPORT FOR DETAILS)
				<i>[Signature]</i> #3166246 7/3/21
11/1/21				INSTALLED NEW AUX BATTERY, PERFORMED
				ANNUAL CONDITION INSPECTION ETC
				I HEREBY CERTIFY THAT N350TW

YEAR: 2022 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
11/1/22		140863		HAS BEEN INSPECTED AND FOUND TO BE IN SAFE OPERATING CONDITION AND AIRWORTHY AS FOR THIS INSPECTION COMPLETED THIS DATE! SEE SEPARATE ANNUAL CONDITION REPORT FOR DETAILS. <i>James Lee</i> 316246 11/1/22
11/6/23	799.4	876.4		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 11/6/2023 IN ACCORDANCE AND DETAIL OF APPENDIX "D" TO PART 43 AND WAS FOUND TO BE IN A CONDITION FOR SAFE INSPECTION <i>AL/ly</i> 3181106 AEP ELT CHECKED BATTERIES DUE MARCH 2029

[illegible]

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
				Transponder Certification Merlin's Avionics Service Tel: (615) 305-1186 1045 RoundTree Drive Gallatin, Tennessee 37066 FAA CRS #Z6MR586Y MAS Form #3 Work Order No. <u>1300</u> Acft.Reg.No. <u>N350TW</u> Aircraft Type <u>BV6A</u> Txpond Position <u>#1</u> Txpond P/N# <u>KT76A</u> S/N# _____ Check Box if Mode S () I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station. Date <u>3-19-24</u> Acft SN# _____ Signed <u>Merlin Grijal</u> <u>24822</u>

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
				SINDELAR AVIATION PO BOX 814 PORTLAND, TN 37148 270-647-1935
				AUGUST 15, 2025 N350TW TACH 815.1
				AIRCRAFT CONDITION INSPECTION COMPLETED THIS DATE. CLEANED & REPACKED ALL WHEEL BEARINGS. INSPECTED & LUBRICATED CONTROLS. INSPECTED INDUCTION AIR FILTER. VISUALLY INSPECTED EXHAUST SYSTEM. CHECKED BATTERY VOLTAGE, 12.73V. INSPECTED & TESTED ELT IN ACCORDANCE WITH FAR91.207(d). ELT BATTERY EXPIRES 3/2029. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR PART 43 APPENDIX D AND WAS FOUND TO BE IN A CONDITION FOR SAFE OPERATION.
				
				DAVID C. SINDELAR A&P 2120569

R164T

VOLUME NO. /

SECTION III

ENGINE

LOG

D

PRICE \$ 1.00

3

REPAIRS, ADJUSTMENTS, MODIFICATIONS	SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		
"The maintenance described herein has been performed in accordance with the applicable standards of airworthiness." <i>of the aircraft Manual.</i> "The maintenance described herein has been performed in accordance with the applicable standards of airworthiness."	<i>[Signature]</i> <i>[Signature]</i>	14083725 14083725
MOTOR CONVERSION WITH NEW IGNITION HARNESS & WINGS. IMPELLERS AND SHAFT. DISASSEMBLED CARB. REPLACED FLOAT, INJECTOR VALVE, AND NEW GASKETS. PERFORMED FUNCTIONAL CHECK AIR FLOW SE # 1435, & CONVERTING FROM CRUISE SPEED (2000) ENGINE RUN. ALL PARAMETERS WERE MET. C/W SE # 1804 - CHECK AS FOLLOWS: #1 75/60, #2 75/60, #3 75/60, #4 75/60. RAFT, AN FAA FORM 337 WITH FIELD APPROVAL MUST BE TO AIRCRAFTNESS DIRECTIVES IN AD SECTION OF THIS LOG. 180 ENGINE WARM FOR LEAKS, ETC. FOR LEAKS & CK CARBON MONITORING	<i>[Signature]</i> AM 201-78-5753 <i>[Signature]</i> AM 2120569 <i>[Signature]</i> 9/27/66 <i>[Signature]</i> 5/1/66	
LW 13792. INSPECTED CRANESHAFT 1D 1/4/W <i>David L. Linder</i> AM 2120569 CRANK OIL, REMOVED SAEW CRAWLERS & WHEELS CRANK OIL CRANK OIL, LUBED CARB CONTROL FITTINGS. TOOK OIL SAMPLE, CHANGED FILTER SAFETY WIRE REINSTALLED COWL GTR 11/2/66 CRANK SHAFT & SOLID. REINSTALL & TEST 12/19/66 #2 INTAKE VALVE SPRINGS, CHECKED ALL ROCKERS & VALVE SPRINGS ROCKER COVER GASKETS W/NEW RUBBER GASKETS, TEST RUN & REPROD COWL REINSTALLED (PROP (TORQUE & SAFETY WIRE) REINSTALLED COWL & SPRING	<i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i>	11/10/66 2/10/67
MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.		

ENGINE SERVICE AND

MAINTENANCE RECORD

4

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD								
FEB 17, 07	252.6				REMOVED COIL & PUMP, SERVICED AIR BOX & FILTER, RE	MOVED AIR/OIL SEPARATOR RE-GLUED CARBURETOR, REINSTALLED		
MAR 31, 07	264.9				AIR BOX PROP SPRINGS & COIL	2/20/07		3166246
NEXT CHANGE DUE	314.9				REMOVED PROP & SPINNER & FLYWHEEL. INSTALLED,	REMOVED COIL CK FOR LEAKS ETC		
					NEW RING GEAR. INSTALLED NEW STARTER BUNNY	& FRONT STARTER BUSHING, SET MAG TIMING		3166246
					REINSTALLED STARTER FLYWHEEL,	PROP & SPINNER. SAFETY WIRED EVERY THING & CHECKED		
					OIL CHANGED, REPLACED FILTER SENT OFF	OIL SAMPLE RE-FILL w/ 6 QTS PHILLIPS 20W50		
					REINSTALLED COIL ETC.	# 2 7/80, # 4 7/80		3166246
APRIL 19, 07	264.7				COMPRESSION CHECK # 1 7/80, # 3 7/80			3166246
					REPLACED GASKET ON PROP GOV. RAMP PAD	NO TO BE IN SAFE OPERATING CONDITION		
APRIL 18, 07	264.7				ANNUAL INSPECTION FINISHED ENGINE	CK FOR LEAKS SAFETY WIRED CK FILLING REINSTALLED COIL		3166246
MAY 10, 07	278.1				REMOVED OLD RAMP, INSTALLED NEW FUEL RAMP. RAMP BENT	CHANGED OIL & FILTER CHECKED OLD FILTER OK! REMOVED PROP		3166246
JULY 11	305.9				REMOVED COIL CLEANED & REBUILT PUMP, CK MAG TIMING	TORQUE TO 30 FT/LBS, SAFETY WIRED PROP, FILTER & OIL RUG		
NEXT CHANGE DUE	355.9				CHECKED FRONT CRANK SYNC OK!. INSTALLED PROP			3166246
					REINSTALLED COIL ETC			3166246
DEC 9, 07	346.5				REMOVED COIL DRAIN OIL, REPLACE FILTER, REMOVED	OIL SCREEN & INSPECT A-OK, RE SAFETY WIRED 5/2 QTS OIL		3166246
DEC 11, 07	346.5				VISUAL INSPECTION OF ENGINE ETC, RE-INSTALL	COIL ETC		3166246
NEXT CHANGE DUE	396.5							
APRIL 14, 08	373.2				REPLACED PROP GOV GASKET, O-RING SAME ON	MIXTURE LEAKS COMP CK ① 7/80 ② 7/80 ③ 7/80 ④ 7/80		3166246
APRIL 24, 08	373.2				ANNUAL CONDITION INSPECTION COMPLETE ENGINE	NO TO BE IN SAFE OPERATING CONDITION!		3166246
MAY 18, 08	385.3				OIL & FILTER CHANGE, REMOVED COIL CHECK FOR	LEAKS ETC PRAMP OIL CHANGED FILTER. ADDED 5/2 QTS PHILLIPS		3166246
NEXT CHANGE @	425.3				SAFETY WIRED FUEL & FILTER SENT OIL CHECK	OFF		3166246
MAY 25	389.0				CLEANED & GAP PLUGS & ROTATE CK MAG	TIMING ETC REINSTALLED COIL ETC.		3166246
					REMOVED BAFFLE BOTTOM # 1			
NOV 6	425.0				REMOVED COIL, DRAIN OIL, CHECK FOR LEAKS ETC. REPLACE OIL	FILTER, ADD 5/2 QTS PHILLIPS 15W50, SAFETY WIRED REINSTALL COIL		3166246
NEXT CHANGE @	475							
3/15/09	448 =				REPLACED DEFECTIVE TACH w/ NEW TACH. TOTAL	ENGINE HOURS = 1000 + NEW TACH READING		3166246
					NEW TACH			
3/27/09	07.3				OIL CHANGE! REMOVED COIL DRAIN	OIL, REPLACE FILTER & CLEANED OIL SCREEN. 5 QTS 20W50		
					& 1/2 QT DRAINAGE. SAFETY WIRED & CK FOR	OIL LEAKS.		
					COMP. CHECK ① 7/80 ② 7/80 ③ 7/80	③ 74/80 ④ 75/80. CHECKED MAGS & SET TIMING.		
					REMOVED, CLEANED, & REBUILT PUMP, RE GAP,	ROTATE & REINSTALL PLUGS. REMOVED VALVE COVERS		
					CARRIED FORWARD CHECKED LIFTER ARMS ETC	CLEANED & REINSTALLED VALVE COVERS. INSTALLED		3166246
TOTAL THIS PAGE								
TOTAL FROM PREVIOUS SUMMARY								
TOTAL SINCE MFG.								

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

MAINTENANCE RECORD

5

TACH HOBBS

DATE	ENGINE HRS		OVERHAUL MIN.		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
7/27 (Contd)					NEW BATTERIES, TEST RUN & ROLL ALL AN FITTINGS ETC.
6/24/09	414		427.0		REMOVED PLUGS, CLEANED & GAPPED. REINS
7/21/09	534		439.0		OIL CHANGE - REMOVED COIL, REMOVED AIR B OLD FILTER FOR MOTAL ETC. OK! REPLACE REPLACED CARB FLOAT w/ 666-1002-F, REASSE CARB & AIR BOX, TEST RUN "OK!" RE-INSTALL NEXT OIL CHANGE DUE @ 480 HOBBS
7/16/10	448		485.6		REMOVED COIL CHANGED OIL & FILTER, REMOVED & OIL FILTER ETC. REMOVED, CLEANED & GAP TIMING OK! REMOVED AIR CLEANER, COIL TUBE. CHECKED ENGINE OVER FOR LEAKS INSTALLED NEW TACH, TTSN = NEXT OIL CHANGE DUE @ REMOVED & INSPECTED CARB SCREEN,
2/13/10	456		494.6		
6/28/10	490		525.3		REMOVED COIL INSPECTED ALL FIT PLUGS. DRAINED OIL REMOVED & INST CHECKED & ADJUSTED MAG TIMING 25°
12/6/10	528		570		REMOVED COIL DRAINED OIL CHANGED FILTER CABLES AIR FILTER HOSES ETC. REFILLED 570 HR INSPECTION DONE BY DUANE FOR REINSTALLED MAGS w/ NEW CASSETS, & RE-SET COMP CHECK #1 7/80, #2 7/80, #3 7/80, #4 7/80
5/22/11	558.9		615		CHECK & ADJUST MAG TIMING, CHECK VALVE & FILTER CLEAN! RE-INSTALL & SAFETY WIRE
6/11/11	591.0		605		ANNUAL INSPECTION COMPLETE ENGINE FOUND
7/1/11	581.2		608		REMOVED COIL INSPECTED ENGINE CABLES HOSES ETC OK! NEXT OIL CHANGE DUE @ 649 TACH OR 698 HOBBS
2/26/12	599.0		648		
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
COWLING CHECKED CABLES CABLES OIL & GAS LINES		3166246
TACH TEST RUN OK!		3166246
x & CARB, DRAINED OIL, CHANGED OIL FILTER, CHECKED O FILTER SAFETY WIRE ETC 6QTS PHILLIPS XC 20/50 MOLED CARB. CLEANED AIR FILTER & AIR BOX. RE-INSTALLED LUD COIL ETC.		3166246
O OIL SCREEN & FAN IT CLEAN, REINSTALLED SCREEN PED PLUGS. REINSTALLED & TORQUED ETC. CHECKED MAG CLEANED & REINSTALL. INSTALLED NEW CARB HEAT LOOSE NUTS ETC. TEST RUN & REINSTALL COIL NEW TACH PLUS 737.9 HR 530 HOBBS		3166246
REFINED EGT SENSE ON #4 COMPCK #1 7/80, #2 7/80, #3 7/80, #4 7/80		3166246
WAS, CABLES, HOSES, MOUNTS ETC. REMOVED CLEANED OIL FILTER. RE FILLED w/ PHILLIPS XC NEW OIL FILTER ETC. BFTDC. REINSTALLED COIL & TEST FLY - OK		3166246
CHECKED & INSPECTED FILTER CLEAN NO PROBLEM! INSPECTED w/ PHILLIPS XC 20/50 REMOVED MAGS & HAD WON & DAVE SHINDIGAR MADE IN EXCELLENT COND. TIMING. REINSTALLED COIL & FLIGHT TEST OK! COLD! INSTALLED NEW CHAMPION PLUGS REM 40E CHECKER ETC. OIL CHANGE 6QTS XC 20/50 SCREEN ETC. INSPECTED ALL HOSES & CABLES ETC TO BE IN SAFE OPERATING CONDITION DRAINED OIL REMOVED FILTER & INSPECTED OK! NEW OIL & FILTER 6QTS XC 20/50		3166246
		3166246
		3166246
		3166246

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

MAINTENANCE RECORD

6

DATE	TACH		HOBBS		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
4/15/12	606	7	656	1	REMOVED COIL & STAPLER, REBUILT STAPLER, INSTALLED NEW BATTERY, INSTALLED REBUILT STAPLER, REMOVED PLUGS CLEANED & GAPPED			
					INSTALLED PLUGS, SET MAG TIMING, DID COMP. CK #1 7/80 #2 7/80 #3 7/80 #4 7/80. # CHECKED HOSES & CABLES ETC			
					RE INSTALLED COIL ETC			
7/15/12	636	0	687	0	REMOVED COIL, DRAINED OIL, CHANGED OIL FILTER, INSPECTED OIL FILTER FOUND TO BE CLEAN & OK, CHECKED HOSES			
					CABLES, AIR PAX (FOUND TAP DER MAGNET LOCKS REMOVED & REINSTALLED) FILLED ENGINE W/ 6 QTS XC 20/80, REMOVED &			
					INSPECTED BOTTOM PLUGS LOOKED GOOD. DID COMPRESSION CK #1 7/80 #2 7/80 #3 7/80 #4 7/80. REINSTALLED			
					COIL ETC. NEXT OIL CHANGE DUE @ 676 TACH OR 627 HOBBS.			
6/8/13	665	0	717	3	REMOVED COIL, DRAINED OIL, CHANGED OIL FILTER, COMP CK #1 7/80 #2 7/80 #3 7/80 #4 7/80, REMOVED, INSPECTED			
					CLEANED OIL SCREEN, REMOVED INSPECTED CARB FUEL SCREEN, REMOVED CLEANED & GAPPED PLUGS, REMOVED VALVE COVERS, INSPECTED ROCKER			
					ASSEMBLY, ETC, SET MAG TIMING, REMOVED CRANK PLUG CLEANED & INSPECTED CRANK, REINSTALLED NEW CRANK PLUG, CHECKED			
					ALL CABLES, FUEL & OIL LINES ETC. REMOVED & INSPECTED PROP ASSEM RE-INSTALLED PROP TORQUED & SAFETY WIRE ETC.			
					CLEANED & INSPECTED COIL. FILLED W/ 6 QTS XC 20/80. REINSTALLED COIL & TEST FLEW A-OK!			
					OIL REPORT FROM BLACKSTONE LAB LOOKED REALLY GOOD! OIL FILTER CLEAN & OK			
9/29/13	680	2	736		REPLACED #3 CHT PROB.			
2/19/14	685	5	742	1	REMOVED MAGS, SENT TO AIRCRAFT MAGNETIC SERVICE, FOR SERVICE YN SLICK SBZ-08A, SB1-12,			
					# SB3-08A W/ NEW PARTS. YELLOW TAGS & RETURNED TO SERVICE (BOTH MAGS)			
6/7	691	4	748	1	REMOVED COIL DRAIN OIL CHANGE FILTER, CHANGE OUT OIL LINES W/ NEW, CHANGE OUT FUEL LINES W/ NEW, REFILL			
					W/ 6.5 QTS XC & CK FOR LEAKS. REMOVE, CLEAN, GAP & ROTATE PLUGS, CK & SET MAG TIMING, REMOVE VALVE			
					COVERS & CK VALVE TRAIN ETC. REMOVED & REBUILT FAB, CHANGED AIR FILTER, CK ENGINE FOR LEAKS ETC.			
					REPLACED FUEL SLAVE ON OIL & FUEL LINES, CLEANED, INSPECTED & REINSTALLED COIL ETC			
					COMP. CK #1 - 80/75 #2 - 80/75 #3 - 80/76 #4 - 80/77			
9/1/15	718		778	0	REMOVED COIL DRAIN OIL, CHANGE FILTER, CHECK OIL SCREEN, REFILL W/ 6 QTS XC OIL - COMPRESSION CHECK OLD			
					#1 77/80 - #2 76/80 - #3 76/80 - #4 73/80, SET MAG TIMING TO 25 BTDC BOTH SIDES CLEANED & REGAP PLUGS,			
					REMOVED VALVE COVERS, CHECKED VALVES & SPRINGS ETC. CHECKED ENGINE MOUNTS & EXHAUST FOR CRACKS ETC.			
					CHECKED FOR OIL LEAKS ETC. CLEANED INSPECTED COIL & RE-INSTALLED COIL ETC. 9/1/15			
4/14/16			790	3	INSTALLED NEW OIL PRESSURE SENDER			
12/6/16	731	3	803	3	REMOVED COIL, DRAINED OIL, CHECKED OIL SCREEN, REPLACED OIL FILTER, CHECKED OIL FILTER FOR METAL ETC AOK!			
					FILLED ENGINE W/ 6 QTS XC 20/80. CHECKED MAG TIMING 25/25, REMOVED CLEANED & GAPPED PLUGS, REINSTALLED			
					W/ NEW COPPER WASHERS, CHECKED VALVE SPRINGS AND LOCKWASHERS ETC, INSPECTED & CLEANED ENGINE, COMP.			
					CHECK ALL CYLINDERS > 73/80 Cold! RING TAPPED COIL & TEST RUN W/ NO LEAKS ETC.			
12/16/16	732	3	803	3	ENGINE DETERMINED TO BE AIR WORTHY			

CARRIED FORWARD

TOTAL THIS PAGE	7
TOTAL FROM PREVIOUS SUMMARY	
TOTAL SINCE MFG.	

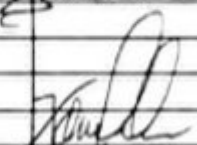
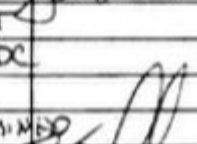
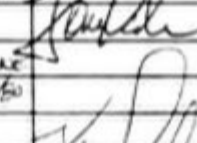
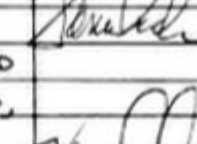
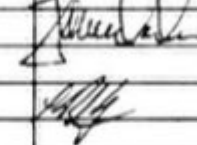
MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

MAINTENANCE RECORD

7

HOBBS

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD →								
2/11/18	757		823	3	REMOVED COWL, DRAINED OIL & TOOK SAMPLE. REMOVED & NO METAL PARTICLES JUST SIGNS OF NORMAL WEAR. RE-ENGINE FOR LEAKS, EXHAUST CRACKS ETC. REFILLED (2) 78/80, (4) 74/80, REPAIRED CARB HEAT TUBE, CHECKED VALVES & SPRINGS FOR CLEARANCE & UDDLE TEST RUN ENGINE, NO LEAKS! ENGINE DETERMINED TO BE AIRWORTHY!	REPLACED OIL FILTER, CHECKED OIL FILTER & SCREEN AND FOUND OVER & REPLACED PULS W/ NEW SET OF TEMPEST PULS. CHECKED ENGINE W/ 6 QTS X/C 20/50. COMPRESSION CK (1) 78/80, (3) 75/80 CHECKED ALL CABLES & WIRES. SET MAG TIMING @ 25 BTDC ETC INC. ROCKER ARMS. RE-CLEANED & REINSTALLED COWL		3166246
4/1/19	769		832		REMOVED COWL, DRAINED OIL & TOOK SAMPLE. CHECKED OIL SCREEN - OK, CHECKED ENGINE FOR LEAKS & EXHAUST ETC. REPLACED OIL W/ 5 QTS X/C 20/50, CHECKED VALVES & SPRINGS ETC - OK, CHECKED ENGINE MOUNT WIRES & CABLES ETC - OK, SET MAG TIMING 25° BEFORE TDC. COMPRESSION CK #1 78/80 #3 78/80 #2 78/80 #4 74/80, TEST RUN NO LEAKS ETC. ENGINE DETERMINED TO BE AIRWORTHY	VALUES & SPRINGS ETC - OK, CHECKED ENGINE MOUNT WIRES BEFORE TDC. COMPRESSION CK #1 78/80 #3 78/80 #2 78/80 #4 74/80, TEST RUN NO LEAKS ETC. ENGINE DETERMINED TO BE AIRWORTHY		3166246
6/8/20					REMOVED COWL, DRAINED OIL, REPLACED FILTER, REFILLED ENGINE W/ 5 1/2 QT W/ X/C 20/50. CUT OLD FILTER & INSPECTED, CLEAN, NO METAL ETC. CHECKED MAG TIMING & ADJUSTED TO 25° BTDC. COMPRESSION ALL CYLINDERS 78/80. CHECKED CABLES & PLUMBING, ALL GOOD! CHECKED ALL WIRING ETC. & ENGINE MOUNTS, CHECKED FOR OIL LEAKS ETC. ALL GOOD! ENGINE DETERMINED TO BE AIRWORTHY!	REPLACED FILTER, REFILLED ENGINE W/ 5 1/2 QT W/ X/C 20/50. CUT OLD FILTER & INSPECTED, CLEAN, NO METAL ETC. CHECKED MAG TIMING & ADJUSTED TO 25° BTDC. COMPRESSION ALL CYLINDERS 78/80. CHECKED CABLES & PLUMBING, ALL GOOD! CHECKED ALL WIRING ETC. & ENGINE MOUNTS, CHECKED FOR OIL LEAKS ETC. ALL GOOD! ENGINE DETERMINED TO BE AIRWORTHY!		3166246
7/3/21	7825		852.1		REMOVED COWL DRAINED OIL, TOOK SAMPLE. CHECKED OIL MOUNTS & EXHAUST ETC. CHECKED ALL CABLES & WIRES. CHECKED MAG TIMING, PULS, COMPRESSION (1) 73/80, (2) 75/80, (3) 78/80, (4) 73/80. REFILLED W/ 5 QTS X/C 20/50. CHECKED FOR LEAKS. REPAIRED GAVUE COWL & TEST FLOW PLANE. ENGINE FOUND TO BE AIRWORTHY!	FILTER & CR SCREENS, CHECKED ENGINE FOR LEAKS, CHECKED ENGINE MOUNTS & EXHAUST ETC. CHECKED MAG TIMING, PULS, COMPRESSION (1) 73/80, (2) 75/80, (3) 78/80, (4) 73/80. REFILLED W/ 5 QTS X/C 20/50. CHECKED FOR LEAKS. REPAIRED GAVUE COWL & TEST FLOW PLANE. ENGINE FOUND TO BE AIRWORTHY!		3166246
11/1/22					REMOVED COWL & CLEANED OIL & FILTER. CHECKED ALL CABLES & WIRING ETC. CHECKED MAG TIMING (25 BTDC), PULS, ETC. COMPRESSION (1) 74/80, (2) 78/80, (3) 73/80, (4) 72/80. REPAIRED ENGINE CR FOR LEAKS TO BE AIRWORTHY!	ENGINE FOR LEAKS, CHECKED MOUNTS & EXHAUST ETC. CHECKED MAG TIMING (25 BTDC), PULS, ETC. COMPRESSION (1) 74/80, (2) 78/80, (3) 73/80, (4) 72/80. REPAIRED COWL & TEST FLOW PLANE. ENGINE FOUND TO BE AIRWORTHY!		3166246
11/27/2024	818.0				OIL & FILTER CHANGED SERVICE TO 7 QTS PULS W/ X/C 20/50. CHECKED COMPRESSIONS #1-70 #2-78 #3-73 #4-76. ENGINE FOUND TO BE AIRWORTHY!	CHECKED MAG TIMING, CHECKED SPARK PLUGS, REPAIR TO BE NOW. ENGINE FOUND TO BE AIRWORTHY		3181106A/1

SINDELAR AVIATION PO BOX 814 PORTLAND, TN 37148 270-647-1935

MARCH 7, 2025

N350TW

SMOH 761.2

TACH 813.8

CHECKED COMPRESSION 1 77/80 2 78/80 3 78/80 4 74/80. CHECKED MAG TIMING ADJUSTED HOLD SPEED. TIGHTENED INTAKE HOSE CHAMPS



DAVID C. SINDELAR A&P 2120569

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

[illegible]



The Standard

PROPELLER LOG

ASA-SP-1

Propeller Record General Information

Propeller Manufacturer PRINCE AIRCRAFT Co.

Model _____ Type ..P..TIP

Hub Series # 6004 P68 AT 80 LK Blade # 2

Date of Manufacture 1999

Aircraft Installed On: Make/Model
RV-6A N350 TW

Serial #
24822

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Year: <u>21/18</u>	Total Time in Service	Description
Date:	<u>1000±9</u>	<u>INSPECTED PROP, FOUND TO BE AIRWORTHY</u>
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station <u>S. J. [Signature]</u> <u>#3166246</u>
Year: <u>2021</u>	Total Time in Service	Description
Date: <u>7/3</u>	<u>851.2</u>	<u>INSPECTED PROP, CHECKED TORQUE ETC</u>
Next Inspection Due:	Time Since Overhaul	<u>PROP FOUND AIRWORTHY</u>
		Mech. Cert. # or Repair Station <u>[Signature]</u> <u>#3166246</u>
Year: <u>2022</u>	Total Time in Service	Description
Date: <u>11/1/22</u>		<u>INSPECTED PROP, CHECKED TORQUE ETC</u>
Next Inspection Due:	Time Since Overhaul	<u>PROP & SPINNER FOUND AIRWORTHY</u>
		Mech. Cert. # or Repair Station <u>[Signature]</u> <u>3166246</u>

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Year: _____
 Date: **SINDELAR AVIATION PO BOX 814 PORTLAND, TN 37148 270-647-1935**
 Next Inspection Due: **AUGUST 15, 2025** **N350TW** **TACH 815.1**

CONDITION INSPECTION OF PROPELLER COMPLETED THIS DATE. REMOVED SPINNER DOME AND INSPECTED PROP HUB, BLADES AND SPINNER BULKHEADS. REINSTALLED SPINNER DOME.

Year: _____
 Date: _____
 Next Inspection Due: **DAVID C. SINDELAR A&P 2120569**

Overhaul	Mech. Cert. # or Repair Station # _____
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Year: _____ Date: _____	Total Time in Service	Description
Next Inspection Due: _____	Time Since Overhaul	Mech. Cert. # or Repair Station # _____