

AIRCRAFT DATA

(THIS PAGE MUST BE FILLED OUT COMPLETELY)

MANUFACTURER Navion MODEL C SERIAL NO. NAV-4-2442

REGISTRATION NO. N.2442T DATE MANUFACTURED 5/4/62

MAXIMUM WEIGHT _____ TYPE _____

ENGINE MAKE Continental MODEL T-470-14 SERIAL NO. 87094-2-A
S/N 62857 S/N A5360Y + A9555Y

PROPELLER: MAKE McCawley MODEL D2436C33 BLADE MODEL D2341-C/COM-4

IF THIS LOG BOOK IS FOUND PLEASE RETURN TO: _____

(OWNER) (TELEPHONE)

(STREET ADDRESS) (CITY AND STATE)

AIRCRAFT LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Mechanic must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
		I HAVE INSPECTED THIS AIRCRAFT AND FOUND IT COMPLIES WITH THE REQUIREMENTS OF CAR 1.67 CERTIFICATE OF AIRWORTHINESS DATED WAS ISSUED BY ME FAA 2
		I HAVE INSPECTED THIS AIRCRAFT AND FOUND IT COMPLIES WITH THE REQUIREMENTS OF CAR <u>1.67</u> CERTIFICATE OF AIRWORTHINESS DATED <u>5-7-62</u> WAS ISSUED BY ME <u>Claude A. Bandy</u> ^{SW} <u>43</u> FAA 2

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

[illegible][illegible]

AIRCRAFT LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Mechanic must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
45	11	11 A+E 200:7 GAVE AIRCRAFT 100 hr INSPECTION. (REMOVED & CLEANED PLUGS, CHANGED OIL & SCREEN. THIS AIRCRAFT WAS INSPECTED IN ACORD. WITH FHA RECOMENDED 100HR CHECKLIST, AND FOUND TO BE IN AIRWORTHNY CONDITION. <i>Andy Nehring</i> A+E # 1546890

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR 63		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO.	DAY	Mechanic must endorse all inspections and repairs with name, rating & Cert. No.
7	24	Tach 263.5 Hrs. PERIODIC Re-position master switch solenoid for proper hook-up of battery cable to eliminate inter mittent. Repair short in oil temp. electrical lead. Clean air filter and Gas cooler. File propeller, Inspect airframe & systems. Date: 7/24/63, Tach. 263.5 Hrs. I certify that this aircraft has been inspected in accordance with a PERIODIC inspection and was determined to be in airworthy condition. By: <u>R. A. MacGee</u>, A&P 1343529 (IA) R. A. MacGee

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR <u>63</u>		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO.	DAY	Mechanic must endorse all inspections and repairs with name, rating & Cert. No.
6	8	Replaced both hinges on cabin door with new steel hinges as per factory recommendation. Donald E. Hossell 1st 161-31034-1 1345175 1st 161-31034-2
		12/3/63 Tach 365.8 hrs. I certify this aircraft inspected in accord- ance with a 100 hr. inspection and found to be in an airworthy condition. R. A. MacGregor 1343529
		Replaced pucks left brake - bleed system

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR	MO.	DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
			Mechanic must endorse all inspections and repairs with name, rating & Cert. No.
4	2	13	REPAIR DAMAGED TIP TANK AND CHECK MOUNTING REPAINT BR. Bunter HP 1569807
2	21		INSTALL PROTRUDING HEAD RIVET EVERY OTHER SPACE, OUTBOARD WING STATION 130. INSTALLED 4 RIVETS BOTTON OF WING'S NO. 3 STRINGER A.D. NO. NOT AVAILABLE AT PRESENT # 64-4-5 Service letter NAVION NO. 85. <u>Donald H. Lense</u> For TACH: 427.7 HR. CAPITOL AVIATION, INC. Capital Airport Springfield, Illinois CAA Repair Station 3760

Pertinent details on file under

Work Order 1245

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Mechanic must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
		4/22/64 Tack 481.7 hrs I certify this aircraft in- spected in accordance with a 100 hr. inspection, and found to be in an airworthy condition R. L. Mendenhall A&P 1393529

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR 64		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	FROM	TO	SIGNATURES AND/OR REMARKS
MO.	DAY						
8	7	589.0		589.0	Completed 100 hr. inspection. Checked internal structures, controls, control surfaces and hinges. Drained fuel sumps, serviced struts, tires, battery and hydraulic reservoir. Checked lights and electrical system. Repacked wheel bearings and checked brakes. Replaced discs, seals, linings and clips in both brakes. Jacked aircraft and completed landing gear retraction check. Adjusted landing gear handle, repaired loose internal connection in fuel boost pump motor. Installed customer furnished P.G. 3/4 N 066A. Inspected per AD64-4-5.		
(CONTINUED ON NEXT PAGE)							
CARRY TOTAL TIME TO TOP OF NEXT PAGE							

AIRCRAFT LOG

YEAR 64		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Mechanic must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
8	7	(Continued) AD 67-3-3 and AD 59-6-4. Lubricated aircraft per Service Manual.
I certify that this aircraft has been inspected in accordance with a periodic inspection and was determined to be in airworthy condition. Date <u>8-7-64</u> Signed <u>William R. Overbey</u> Wm. R. Overbey A & P 481397 I. A.		The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order No. <u>10092</u> Date <u>8-7-64</u> Signed <u>William R. Overbey</u> WALSTON AVIATION, INC. <u>A & P 481397</u> P. O. Box 271, East Alton, Illinois

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	FROM	TO	SIGNATURES AND/OR REMARKS
MO.	DAY						
11	2	64	732.3 HRS		I certify this aircraft inspected in accordance with a 100 hr insp and found to be in airworthy condition for return to service. Dexter H. Coleman H&P 1402633		

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AIRCRAFT LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Mechanic must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
		2/17/65 100 hr insp 837.9 HRS
		I certify this aircraft inspected in
		accordance with civil air regulations
		and found same to be in airworthy condition
		Replaced both main gear tires, all brake
		blocks and brake cyl. O rings
		Dexter H. Coleman FcP1405633

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

[illegible]

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR

MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Mechanic must endorse all inspections and repairs with name, rating & Cert. No.

Date: 7-24-65, Tach. 1005.5 Hrs.

I certify that this aircraft has been inspected in accordance with PERIODIC inspection and was determined to be in airworthy condition.

By: R. A. MacGregor, A&P 1343529 (IA)

Install 'O' ring right strut.

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Mechanic must endorse all inspections and repairs with name, rating & Cert. No.

YEAR

MO. DAY

7/10/66 TACH READS 1104.2

THIS AIRCRAFT INSPECTED IN ACCORDANCE
WITH A100 HR. INSPECTION AND WAS
FOUND TO BE IN AN AIRWORTHY CONDITION

David F. Gundersman

A-1674896

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Mechanic must endorse all inspections and repairs with name, rating & Cert. No.

YEAR 66
MO. DAY

Total Time 1137 Nv

I certify that this aircraft has been inspected in accordance with a periodic and was determined to be in an airworthy condition
Leland P. Mandlow A & P 644328

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Mechanic must endorse all inspections and repairs with name, rating & Cert. No.

YEAR

MO. DAY

TACH 1141 DATE 11-5-66 REPAIR ORDER 1735

REMOVED TIME EXPIRED ENGINE

SERIAL 87094-2-4 AND INSTALLED

REMANUFACTURED ENGINE SERIAL

96045-H BY T. W. Smith

T. W. SMITH AIRCRAFT, INC.

BLUE ASH AIRPORT

CINCINNATI, OHIO

F. A. A. REPAIR STATION 1045

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

YEAR

MO. DAY

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Mechanic must endorse all inspections and repairs with name, rating & Cert. No.

4/18/67

Total tech time 1199.7

Removed both flaps installed
new flap brackets & horns repaired
right flap inboard struts. reassembled landing gear
functioned Ad test flight OK
PERTINENT DETAILS ARE ON FILE AT THIS

REPAIR STATION UNDER W/O 90

FOR
WABASH VALLEY AVIATION CO.

DATED

4/18/67

FOR
WABASH VALLEY AVIATION CO.

Frank O. Brown
Inspector
& Sup.

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Mechanic must endorse all inspections and repairs with name, rating & Cert. No.

YEAR

MO.	DAY
-----	-----

MO.	DAY	
4/18/67		total g/c time in service 1230.3 chkd all controls, surfaces, ran

chkd all controls surfaces & an
retraction test. chkd all A.P.'s

59-6-4 ok 62-3-3 fitting ok 63-21-5 chd

per factory recommendations has P.R. 143-341661-1

front 4.43.3183-5 mins. 64.4-5 of by inspections

YOUR FILE IS BEING CLOSED. IT HAS
 BEEN CLOSED IN ACCORDANCE WITH

ALL DETAILS ARE ON FILE AT THIS

FOR

PAIR STATION UNDER W/O 1027

~~WABASH VALLEY AVIATION CO.~~

MUNICIPAL AIRPORT

DATED 5/18/67

P. O. BOX 59

LAWRENCEVILLE, ILL.

F. A. A. REPAIR STATION #3229

SIGN™

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Mechanic must endorse all inspections and repairs with name, rating & Cert. No.

YEAR

MO. DAY

8/24/67 Total g/c time in service, 1320:0
 Chd all control cables, pulleys, etc. fuel system & main
 chd & replaced all seals in hyd. power unit, greased gear
 ram retraction & greased all wheel bearings. Chd A.D.'s

I CERTIFY THAT THIS AIRCRAFT HAS
 BEEN INSPECTED IN ACCORDANCE WITH

PERTINENT DETAILS ARE ON FILE AT THIS

REPAIR STATION UNDER W/O 1053

INSPECTION AND WAS DETERMINED TO
 BE IN AIRWORTHY CONDITION.

FOR
 WABASH VALLEY AVIATION CO.

DATED

MUNICIPAL AIRPORT

P. O. BOX 59

LAWRENCEVILLE, ILL.

F. A. A. REPAIR STATION #3229

SIGNED

Frank P. Boyer
Shop Supervisor

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Mechanic must endorse all inspections and repairs with name, rating & Cert. No.

YEAR

MO. DAY

1/19/68

Tach reads 1419.4 T the time in service 1419.4
 Chd all controls, geared bearing, and gear retractor and
 all cables pulleys, fuel system chd all applicable A-I's

I CERTIFY THAT THIS AIRCRAFT HAS
 BEEN INSPECTED IN ACCORDANCE WITH

PERTINENT DETAILS ARE ON FILE AT THIS
 REPAIR STATION UNDER W/O 1520

100 hp

IN SECTION AND WAS DETERMINED TO WABASH VALLEY AVIATION CO.
 BE IN AIRWORTHY CONDITION.

FOR

DATED

1/19/68

MUNICIPAL AIRPORT

P. O. BOX 59

LAWRENCEVILLE, ILL.

F. A. A. REPAIR STATION #3229

SIGNED

Frankie Berry
Shop Supervisor

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

AIRCRAFT LOG

DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Mechanic must endorse all inspections and repairs with name, rating & Cert. No.

YEAR

MO. DAY

1968 Last read 1542:8

Replaced all tires with new Goodyears all new

body linings, checked surfaces, cables, pulleys. Fuel system

checked and installed new throttle cable. Checked adjustable A's

I CERTIFY THAT THIS AIRCRAFT HAS
BEEN INSPECTED IN ACCORDANCE WITH

PERTINENT DETAILS ARE ON FILE AT THIS

REPAIR STATION UNDER W/O 1273

[Signature]

INSPECTION AND WAS DETERMINED TO
BE IN AIR CONDITION.

DATED 7-2-68

WABASH VALLEY AVIATION CO.

F. A. A. APPROVED REPAIR STATION

NO. 3229

P. O. BOX 59

LAWRENCEVILLE, ILLINOIS

[Signature]

INSPECTIONS ARE DUE EVERY 12 CALENDER MONTHS

A.D. NO.	METHOD OF COMPLIANCE	DATE	SIGNATURE
1-29-76	Installed KT-76, KX170B, + K1201C radio system. Computed new WTB. See for complete details. The aircraft and/or component identified above was altered and inspected in accordance with current Federal Air Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. <u>1310</u> Date <u>1-29-76</u> Signed <u>[Signature]</u> for TRI-STATE AVIONICS, Platteville, Wis. 53818 Cert. No. C13-19		

METHOD OF COMPLIANCE

DATE _____

SIGNATURE

1-29-76 Installed KT-76, KX170B, + K1201C radio
system. Computed new WTB. See for complete details.

The aircraft and/or component identified above was altered and inspected in accordance with current Federal Air Regulations and was found Airworthy for return to service.

Pertinent details of the repair are on file at this agency under

Work Order No. 1310 Date 1-29-76

Signed: <u><i>Henry B. Smith</i></u>	for
TRI-STATE AVIONICS, Platteville, Wis. 53818	Cert. No. C13-19

Paint Numbers-

N 24421 S/N _____ Date: 2/10/79

The aircraft identified above was painted with FAIRBANKS

817-6345-310

and is approved for return to service.

Pertinent details of the work accomplished are on file
at this repair station under work order no. 2474

Signed



"B" Cap Inc.

3 yrs
R.R. 4

C/R/S 304-55

Maquoketa, Iowa 52060

AIRCRAFT LOG AND MAINTENANCE RECORD

Type AP-12

Record of Movion G NAV-4-2442 N2442T
Make Model Serial Certificate

With Engine Cont. 10-420-H ~~87047-2-H~~
Make Model Serial
87047-1-H

From _____ 19____ To _____ 19____

Detailing Time From 7-2-68 To _____
Hours—Minutes Hours—Minutes

Owner _____

Address _____

DATE

19

REMARKS

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK."

ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

11-5-68 Tach reads 1656:4 Total A/C time in service 1656:4
 Ch all controls, surfaces, pulley, cable, fuel
 system & drained, greased & red gear & wheel bearings
 ran retraction test. CW AD 68-20-6 by inspection
 of rudder horn. 64-4-5 by inspection of wing roots.
 62 3-3 by inspection of fitting on selector. 59-6-4 all
 Applicable Section C/W

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH PERTINENT DETAILS ARE ON FILE AT THIS FOR
 REPAIR STATION UNDER W/O 666 WABASH VALLEY AVIATION CO.
 MUNICIPAL AIRPORT
 P. O. BOX 59

INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATED Nov-5-68 LAWRENCEVILLE, ILL.
 E. A. A. REPAIR STATION #3229

SIGNED

Frank A. Boone
Ray L. Schuyler

DATE

19

REMARKS

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ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

2-17-69 Capt. Kears 1208.6
Replaced seals & Brake Linings Left

DATE

19

REMARKS

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4-15-69 Tach Reads 1758

Replaced flap torque tube with serviceable unit. Replaced fuel valve crossed all wheel bearings & lnd gear all new brake clips chd all A-D's through 69-7

I CERTIFY THAT THIS AIRCRAFT HAS PERTINENT DETAILS ARE ON FILE AT THIS
BEEN INSPECTED IN ACCORDANCE WITH

REPAIR STATION UNDER W/O 1519

FOR

WABASH VALLEY AVIATION CO.

INSPECTION AND WAS DETERMINED TO
BE IN AIRWORTHY CONDITION.

DATED 4-15-69

MUNICIPAL AIRPORT

P.O. BOX 59

LAWRENCEVILLE, ILL.

F. A. A. REPAIR STATION #3239

SIGNED

[Signature]
[Signature]

DATE

19

REMARKS

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ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

8-15-69, Tach Reads 1860.9
Replaced D.G. set maintenance release serv. of log.
New cabin door seal, all new brake linings

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH PERTINENT DETAILS ARE ON FILE AT THIS

REPAIR STATION UNDER W/O 1603

100 hr
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATED

8-15-69

FOR

WABASH VALLEY AVIATION CO.

MUNICIPAL AIRPORT

P. O. BOX 59

LAWRENCEVILLE, IL 62447

F. A. A. REPAIR STATION #3229

SIGNED

[Signature]
Shop & Day

DATE

19 70

REMARKS

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK."

ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

6-30-70

1958 Hs time

Jacked aircraft ran gear retraction greased gear
wheel bearings. Serviced gear struts with fluid & air
check A.D.'s for compliance.

I certify that this aircraft has been inspected
in accordance with an annual inspection and
was determined to be in an airworthy condition
Leland P. Meadow #644328 IFA

DATE

19

REMARKS

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Feb 11, 1971 - Removed King KX-100 Receiver, Indicator, and
power supply -

New Aircraft Empty Wt 2058 lbs.

Aircraft Empty Wt. C.G. +94.38 lbs.

Useful Load - 1092 lbs

Albert W. R. R. R.

Rt P 1069584 I.A.

DATE 19__	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
7-13-71 total time 213634 last year 178.4							
install new tires change install new brake lining Accomplish Routine Maintenance and Inspection Annual Inspection I certify that this aircraft has been inspected in accordance with an Annual Inspection and determined to be in satisfactory condition Home H. Hancock 14-1474501							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP
OF NEXT PAGE

DATE

19

REMARKS

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ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

8-3-22 Turn 2220.4 last year 84.0
Accomplish routine maintenance and inspection
Annual inspection

I certify that this aircraft has been
inspected in accordance with a
Annual inspection and was determined
to be in satisfactory condition

Harold H. Lancaster

1A - 1474501

DATE 19__	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
I certify that this <u>Cessna 180</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition. <u>A & P</u> <u>1474501</u> INSPECTION AUTHORIZATION <u>7-8-76</u> <u>HOMER L. LANCASTER</u> <u>2433:7</u> <u>Homer L. Lancaster</u> <u>Perform retractor check ok.</u>							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE

19

REMARKS

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ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

8-2-77 Make retraction test (ok.)

I certify that this *Quinn* has been inspected in accordance with an *Annual* inspection and was determined to be in airworthy condition.

A & P 1474501

INSPECTION AUTHORIZATION

8-2-77

HOMER L. LANCASTER

84751's Homer L. Lancaster

DATE 19__	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT		ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
I certify that this <i>248115</i> has been inspected in accordance with a <i>Annual</i> inspection and was determined to be in airworthy condition. A & P 1474501 INSPECTION AUTHORIZATION HOMER L. LANCASTER <i>248115</i> <i>8-30-79</i> <i>Antarctic Battery</i> <i>from all gear falling</i> <i>Homer L. Lancaster</i>								
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE								

DATE

19

REMARKS

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12/11/79

Repaired ^{Right} fuel tank reskinned left elevator
with P/N 1310-104 & P/N 1363

Leroy Kelley

CR53243

Mt Hawley Iowa -
Peoria Ill -

DATE 19__	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
I certify that this <i>Aircraft</i> has been inspected in accordance with an <i>Annual</i> inspection and was determined to be in airworthy condition. <i>2571.3</i> <i>8-21-87</i> <i>Initial Battery</i> <i>New Hydraulic lines on Bushes.</i> <i>Homer L Lancaster</i>							
INSPECTION AUTHORIZATION HOMER L LANCASTER							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE

19 83

REMARKS

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK."

ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

I certify that this Quail has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

111 1474501

INSPECTION AUTHORIZATION

HOMER L. LANCASTER

2562Homer Lancaster8-23-83C/w by inspectionAd-62-03-03Ad-64-04-05Ad 68-20-06

DATE 19__	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
I certify that this <u>aircraft</u> has been inspected in accordance with an <u>annual</u> inspection and was determined to be in airworthy condition.							
V P 1474501 INSPECTION AUTHORIZATION HOMER L LANCASTER							
2582.3 <u>Homer L Lancaster</u>							
8-29-84							
C/W Ad 62-03-03							
Ad 64-04-05							
Ad 68-20-06							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE

REMARKS

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK."

19

ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

I certify that this ~~Cessna~~ *Cessna* has been inspected in accordance with an ~~annual~~ *annual* inspection and was determined to be in airworthy condition.

~~662~~ 1474501 INSPECTION AUTHORIZATION

2600.02 HOMER L LANCASTER

Homer L Lancaster

8-18-86

8-18-86 I certify that this aircraft has been inspected in accordance with an 100 Hour inspection and was determined to be in airworthy condition. TT 2600.02 Am Perin
AIP 390701221.

DATE 19 <u>87</u>	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
316	TACH-2614 hrs -		Replace Brake Linings BOTH sides - Reseal BOTH wheel cyls - Bleed Brakes - Resealed Hydraulic master control valve - Jack Aircraft - Cycle flaps & landing gear to Bleed system - Run up check ok - Taxi ck ok - Also Replaced Left Inbd wheel palt. with Good used unit -				AP 1855887
SYLVANIA AERO ENTERPRISES INC, 2624 S. Sylvania Ave. Sturtevant, Wis. 53177							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE

19

87

REMARKS

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK."

ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

7/14

Tach 2641.5 hrs. Installed Engine -
R9470 H SN 87166 in Navion 2442J
Run up ok, ok - Record Prop &
Prop Gov. Installed. ~~HP/ECB 887~~
HP/ECB 887.

DATE 19__	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
2/30/87	The ATC transponder tests and inspections required by FAR 91.172 were performed this date and found to comply w/ FAR-43, App F.						
	King VT-76 S/N 20501						
2	End						
				MAINTENANCE RELEASE			
				The above listed maintenance was performed and inspected in accordance with current Federal Air Regulations. Aircraft is approved for return to service.			
				STATELINE AVIONICS FAA REPAIR STA C18-30			
				9600 W. 52nd ST.			
				SIGNED <u>[Signature]</u>			
				KENOSHA, WIS.			
				W/O # <u>2650</u> DATE <u>2/30/87</u>			
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
1987 8-1	TACH 2642 hrs + TTAF - Eng 633.5 smoh - Prop - O-Smooth hub controls, Grease wheel Brings & Landing gear Repair Front Baffle & Nose Bowl mounts - Install New windshield Halves & Reseal - Rebolt Flap Actuator Attach Points & Insp - Reseal L.H. main gear Actuator - Repair Top side cowl channels - Install vac. Regulator Filter Replace fuel line under Gen. Belt, Inst Re built Exhaust system - See engine log book. Prop O/H. Tag Rear of This Book - C/W AD 62-3-3 hndg Gear sel valve fitting Insp OK C/W AD 64-4-5 outer wing panel Insp. OK Rivets OK - C/W AD 68-20-06 Rudder Horn over

DATE 8/1/87 19	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
Insp. OK - Gear Retraction check OK. Emergency. Ext. OK - A/C Run up & Flown - OK for 1.5 hrs OK ELT removed for repair 8/1/87 Acft timer 2642							
SYLVANIA AERO ENTERPRISES INC 2624 S. Sylvania Ave Sturtevant, Wis. 53177			I certify that this acft or engine has been inspected in accordance with an <u>Annual</u> inspection and has been found to be in air- worthy condition. All A & P work has been done 8/7/14 cold with				
					Signature <u>Robert S. Demski</u>		ROBERT S. DEMSKI A & P 1855887 (AI)
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE

19

REMARKS

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK."

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5/8/87 Installed the following systems as a minor alteration in accordance w/ FAR's 43.13-2, Chap. 23.3 and manufacturer's instructions. Checked electrical load and found to be w/ system rated output. See revised weight & Bal. & equip listing this date.
Installed: CP-135, Nav 122, KA-25 & MKR-Ant., Aero Mech Encoding Altimeter
Removed: KX-150B, KX-100 Harness ADF-501A

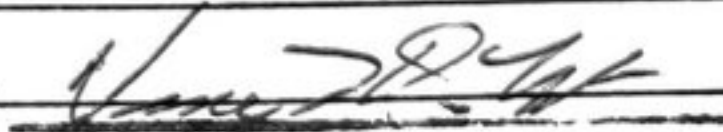
MAINTENANCE RELEASE

The above listed maintenance was performed and inspected in accordance with current Federal Air Regulations. Aircraft is approved for return to service.

STATELINE AVIONICS FAA REPAIR STA C13-30

9600 W. 52nd ST.

SIGNED



KENOSHA, WIS.

W/O #

2674

DATE

5/28/87

STATELINE AVIONICS CERTIFIED REPAIR STATION #C13-30
KENOSHA MUNICIPAL AIRPORT KENOSHA, WISCONSIN

Aircraft Model Boeing 737-400 Aircraft Serial No. N4242T N 2442T

Altitude	Equivalent Pressure	Tolerance	Altimeter Pilot	Error HYST.
0 ft	29.92 In. Hg.	- 20 ft.	0	
500	29.38	20	0	
1,000	28.86	20	0	
1,500	28.33	25	-5	
2,000	27.82	30	0	
3,000	26.82	30	0	
4,000	25.84	35	+5	
6,000	23.98	40	+5	
8,000	22.22	60	-5	+35
10,000	20.58	80	-40	0
12,000	19.03	90	-45	
14,000	17.58	100	-45	
16,000	16.22	110	0	
18,000	14.94	120	+25	
20,000	13.75	130	+75	
22,000	12.64	140		
25,000	11.10	155		

System tested according to tables listed in FAR 43 Appendix E.

I certify that the altimeter and static system tests required by FAR Part 91.171 have been performed. The altimeter was tested to 30,000 feet on 8/8/87. Static system was tested on 8/8/87.

Signature [Signature]

Certificate Number C13-30

INDICATOR FOR REF. LOADINGS AT 1000	INDICATOR FOR REF. LOADINGS AT 1000	INDICATOR FOR REF. LOADINGS AT 1000	INDICATOR FOR REF. LOADINGS AT 1000
1,000	8,000	-20	30,000
0	10,000	-40	32,000
500	12,000	-55	35,000
1,000	14,000	-45	40,000
1,500	15,000		45,000
0	16,000	-20	50,000
10	18,000	-5	55,000
40	20,000	-10	60,000
0	22,000		70,000
0	25,000		80,000

SIGNATURE OF PILOT

tion and to required by ed. The attention it have been andation of 2001 and in

ormed and inspected in accordance with the regulations. Aircraft is approved for

ing HIC Transport Tests and inspection required by FAR 91.172 were performed this date & found to comply

W FAR 43, Andy F.

STATELINE AVIONICS FAA REPAIR STA C13-30

9000 W. 52nd St.

KENOSHA, WIS.

SIGNED *[Signature]*

W/O # 2674

DATE 8/29/87

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

FLIGHT		TOTAL FLYING TIME		SIGNATURE OF PILOT
DATE	TIME	FLYING TIME	GROUND TIME	
8/28/87				I certify that the pilots altimeter system and automatic altitude reporting equipment tests required by FAR 91.171 and 91.36(b) have been performed. The altimeter and automatic altitude reporting equipment have been tested to 20,000 ft. in accordance w/ the recommendation of advisory circular 43-6. Static system tested and in accordance w/ FAR 91.171 and The above listed maintenance was performed and inspected in accordance with current Federal Air Regulations. Aircraft is approved for return to service. STATELINE AVIONICS 9600 W. 52nd St. KENOSHA, WIS. FAA REPAIR STA C13-30 SIGNED <i>[Signature]</i> W/O # 2674 DATE 8/28/87
King KT-76 were performed this date & found to comply w/ FAR 43, App F.				
ATC transponder tests and inspections required by FAR 91.172				
Part 43, App 3 as required				

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

DATE

19

REMARKS

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK."

ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

0/19/87 TACH - 2661 hrs Resealed Nose Gear Actuator
Cyl - Retract Gear - OK - Replace Aircraft Battery -
JL Demet. AP1855887

DATE 19 <u>88</u>	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
8/31	Tach & TT	27247	hulk controls - Grease wheel Brings & Landing gear - Retraction Check, OK - Reseal LH & RH main gear Actuator - Reseal Pilots Brake master cylinders + Bleed Brakes - Replace Brake Pads - Both Sides - Install Brackett Air filter Per STC SA 716L - Tighten Main gear Scissors - C/w AD 76-7-12 Bendix Switch on Run up - OK - C/w ADC 2-3-3 hndg gear selector valve - Insp. OK - C/w ADC 9-4-5 wing panel Insp OK - AD 68-2006 Rudder Horn Insp. OK - AD Replace Elev. Trim Cables - LH Side - <i>[Signature]</i> AP/855887				
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE

19

REMARKS

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ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

Date: 8-31-88 Aft Time: 2721.7

SYLVANIA AERO ENTERPRISES INC.

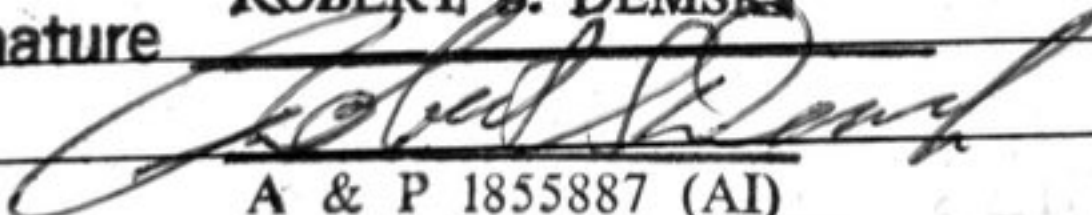
2624 S. Sylvania Ave.

Sturtevant, Wis. 53177

I certify that this ~~air~~ ~~or engine~~ has been inspected in accordance with an Annual inspection and has been found to be in air-worthy condition.

All A D bulletins through 88-16 cold with

Signature ROBERT S. DEMSKI


A & P 1855887 (AI)

DATE 19__	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
1-19-89	TACH READS						
INSTALLED NARCO AR850 ENCODER AND KING KY97A COM ALL WORK PERFORMED AS PER MANUFACTURERS INSTALLATION INSTRUCTIONS SEE REVISED WEIGHT & BALANCE AND FAA FORM 337 FOR DETAILS OF THIS INSTALLATION.							
						CG 1-58	John Seabert 355-56-2076
1-19-89	TACH READS						
PERFORMED IFR CERTIFICATION THIS DATE BOTH VOR'S WERE LESS THAN 2° ERROR ON ALL RADIALS.							
						CG 1-58	John Seabert 355-56-2076
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

Mobilair Radio, Inc.
Certified Repair Station

#C61-58

Altimeter S/N 200034

Tested to 200000

Certify that the altimeter checks required FAR 91.171 have been performed this date 1-19-89, and were found to comply with Part 43 appendix E Paragraph b.

Mobilair Radio, Inc.
Certified Repair Station **#C61-58**

Date 1-19-89

Tested By [Signature]

Test Point		Scale Error	
Feet		Feet	
0		0	
500		0	
1000		0	
1500		+5	
2000		0	
3000		+5	
4000		0	
5000		0	
6000		+5	
8000		+15	
10000		+15	
12000		+20	
14000		+20	
16000		+25	
18000		+30	
20000		+30	
22000			
25000			
30000			
35000			
40000			
45000			
50000			

DATE

19

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Mobilair Radio, Inc.

Certified Repair Station CRS# C 61-58

Encoder # 38010 Transponder #20501 I certify that the
automatic pressure altitude reporting

system checks required by FAR 91.171

have been performed this date 1-19-89

and were found to comply with Part 43,

Appendix E, Paragraph 1.

Signed

John Seibert

Mobilair Radio, Inc.

Certified Repair Station CRS# C 61-58

I certify that the static system checks
required by FAR 91.171 have been performed
this date 1-19-89, and found to comply
with Part 43, appendix E, Paragraph a.

Signed

John SeibertTHE ATC TRANSPONDER TESTS AND INSPECTIONS
REQUIRED BY FAR 91.172 WERE PERFORMED
THIS DATE AND FOUND TO COMPLY WITH FAR

43 APPENDIX E, PARAGRAPH 1.

MAKE KINGMODEL KX76S/N 20501

DETAILS OF THIS

TRANSPONDER ARE FILED AT THIS REPAIR

STATION UNDER A/O 2264DATE 1-19-89 MOBILAIR RADIO, INC.

CRS# C 61-58

John Seibert

DATE 19 <u>89</u>	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
9-6	TACH	286701	TTAF. Lube controls - Grease wheel Brngs thanking Gear - c/w AD 26-7-12 Bendix Sw on Run up - ok - c/w AD 62-3-3 Andg Gear Selector - Insp, OK - c/w AD 64-4-5 Wing Panel Insp, OK - c/w AD 68-20-6 Rudder Horn Insp, OK Adj Gear Horn Switch - Replaced ELT Batt - ops ck, ok - Batt Exp. 9/91 - Lube Control Column - Replaced Vac Reg. Filter - Retract ck, ok - Serviced Hyd. System -				
SYLVANIA AERO ENTERPRISES INC. 2624 S. Sylvania Ave. Sturtevant, Wis. 53177 <i>[Signature]</i> AP 1855887							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE

REMARKS

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Date: 9-6-89 Acft Time: 2867.1

SYLVANIA AERO ENTERPRISES INC.

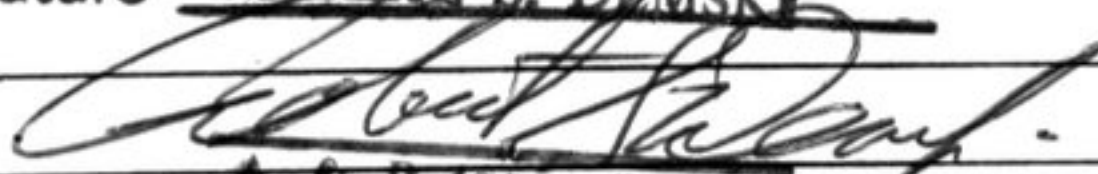
2624 S. Sylvania Ave.

Sturtevant, Wis. 53177

I certify that this acft ~~or engine~~ has been inspected in accordance with an Annual inspection and has been found to be in air-worthy condition.

All A D bulletins through 89-17 cpld with

Signature ROBERT S. DEMSKI



A & P 1855887. (AD)

CERTIFICATION TAG

ITEM NAME

PART NUMBER

SERIAL NUMBER

MANUFACTURER

WORK ORDER NUMBER

IF ITEM IS TESTED ONLY, FILL OUT BELOW

THIS ITEM HAS BEEN FUNCTIONAL TESTED AND FOUND TO BE AIRWORTHY

BY

DATE

CENTURY INSTRUMENT CORPORATION

4440 SOUTHEAST BOULEVARD

WICHITA, KS 67210

CERTIFICATED REPAIR STATION NO. TJ2R189L

90

9

.2

See

enece

A

5005000010

TYPE NAVION
REG. N2442T
S/N NAV-4-2442
HOBBS _____

MOBILAIR RADIO, INC.
BURLINGTON MUNICIPAL AIRPORT
P.O. BOX 534 / BURLINGTON, WI 53105
Airframe Log Book Insert

DATE 1-16-90
W.O. # 2799
T.T. _____
TACH 2900.2

Installed King KR-86 ADF and R-50 Loran C this date. See revised Weight and Balance and 337 Form. for details.

Installed Manifold Fuel Flow Pressure Guage, See maintenance release tag.

NHSR067N

John Healer
355562076

DATE

19 90

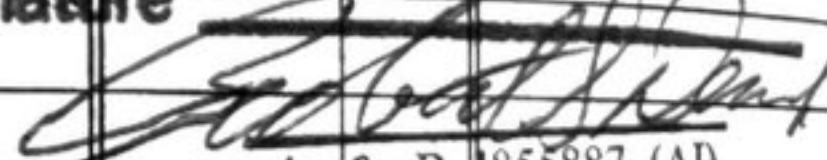
10-19

REMARKS

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190H-3026.9 hrs + TT AF - lubed controls & Grease Landing Gear. C/W AD68-20-G Rudder Horn Inspection, OK - C/W AD64-4-5 wing Panel Insp. OK, C/W AD62-3-3 landing gear selector by Insp. OK, - C/W AD76-7-12 Bendix switch, ops OK, on Run up, OK - C/W AD78 or a R3 Bendix mag impulse coupling, clearance ch, OK - RLT ops ch, OK. Batt Exp. 9/91 - Replaced loose rivets in Lwr AFT cowl - Resealed right & left main struts & serviced w/5606 & Nitrogen - Installed Walker Air-Sep, Ser Form 337 & WT & Bal - Installed clevis and wheel & Brake kit 199-52A, STC SA36GL Gear Retraction ch, OK - Emergency Extension OK - Gear operation normal - Complete Brake

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME	SIGNATURE OF PILOT
19 <u>90</u>						
10-19	3026.9	TACH & TT	conditioning procedure per Cleveland Instructions.			
SYLVANIA AERO ENTERPRISES INC. 2624 S. Sylvania Ave. Sturtevant, Wis. 53177			Date: <u>10-19-90</u> Acft Time: <u>3026.9</u> I certify that this acft or engine has been inspected in accordance with an <u>Annual</u> inspection and has been found to be in air- worthy condition. All A D bulletins through <u>90-19</u> cpld with			
			Signature <u>ROBERT S. DEMSKI</u>  A & P 1855887. (AI)			
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE						

DATE

19

ENTER HERE GENERAL DATA
REPAIRS - AND CHANGES
"INSTRUCTIONS FOR"
ALL DATA MUST BEAR
MUST BE SHOWN.

THE FOLLOWING ALTIMETER
EQUIPMENT TESTS AND
IAW FAR 43, APPENDIX

PARA (A) STATIC SYSTEM
PARA (B) ALTIMETER(S)

TESTED TO 20,000

MAKE SHINKO AS

MAKE AR 850

PARA (C) INTEGRATED SYSTEM

SIGNED William H. Alder

WAUKEGA

WAUKEGA

ATC TRANSPONDER TEST
FAR 91.413 IAW FAR 43

MODEL King K

SIGNED William H. Alder

WAUKEGA

WAUKEGA

COMPLETE AVIONICS SALES & SERVICE
KING • NARCO • COLLINS
RYAN STORMSCOPE • LORAN (C)
EDO-AIRE MITCHELL
AUTOPILOTS

FAA CERTIFIED REPAIR STATION C.O.

WAUKEGAN AVIONICS, INC.

WAUKEGAN REGIONAL AIRPORT

3550 N. McAree Waukegan, Illinois 60087

312-336-6075



TABLE I
SCALE ERROR

ALT	TOL	IND
-1000'	20'	-15
0	20	-9
500	20	+18
1000	20	-13
1500	25	-15
2000	30	-10
3000	30	-15
4000	35	-15
6000	40	-15
8000	60	-30
10000	80	-60
12000	90	-80
14000	100	-80
16000	110	-70
18000	120	-30
20000	130	-20
22000	140	
25000	155	
30000	180	
35000	205	
40000	230	
45000	255	
50000	280	

TABLE II

TEST DIST.	TOL	IND
CASE LEAK	100'	-17
HYSTERESIS	75'	-20
1st TEST PT	75'	0
2nd TEST PT	75'	-7
AFTER EFFECT 484	30'	-7

TABLE III
FRICTION ERROR

ALT	TOL	IND
1000'	70'	-40
2000'	70	-40
3000'	70	-50
5000'	70	-60
10000'	80	-70
15000'	90	-70
20000'	100	-80
25000'	120	
30000'	140	
35000'	160	

TABLE IV
BARO. SCALE ERROR

PRESS HG.	IND. DIFF.	ALT. DIFF.	TOI
28.10	-1727	1720	25'
28.50	-1340	1320	25'
29.00	-863	850	25'
29.50	-392	385	25'
29.92	0	0	25'
30.50	+531	540	25'
30.90	+893	900	25'
30.99	+974	960	25'

ALTIMETER TESTED TO 20,000 FEET

AUTHORIZED SIGNATURE William H. Alder

DATE 5/7/91

N.NO 2442T

R.O. 4103

CUSTOMER Kirk Tebbendorf

PART No ALT: Shinko AS-4-01 / Encoder: AR-850

SERIAL No. 20034 / 38010

ALTIMETER TEST DATA F.A.R. PART 43, APPENDIX E para (b)

Transponder: KT-76 S/N 20501

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING
EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411
IAW FAR 43, APPENDIX "E" HAVE BEEN PERFORMED:

PARA (A) STATIC SYSTEM DATE

5/7/91

PARA (B) ALTIMETER(S) DATE

5/7/91

TESTED TO 20,000 FEET.

MAKE SH/WK AS4-01 S/N

20034

MAKE AR 880

S/N

38010

PARA (C) INTEGRATED SYSTEM DATE

5/7/91

SIGNED

William H. Alder

WAUKEGAN AVIONICS, CRS W0GR619K

WAUKEGAN AIRPORT, WAUKEGAN, IL

ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED BY
FAR 91.413 IAW FAR 43, APPENDIX "F" HAVE BEEN PERFORMED:

MODEL King KT76 S/N

20501

SIGNED

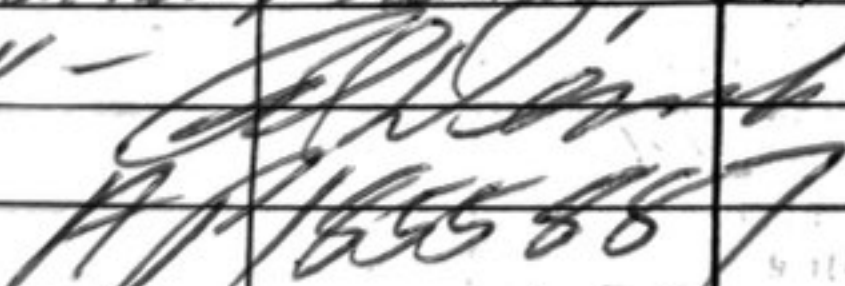
William Alder

DATE

5/7/91

WAUKEGAN AVIONICS, CRS W0GR619K

WAUKEGAN AIRPORT, WAUKEGAN, IL

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
19 <u>91</u>							
12-13	TauH & TT	3144.9 hr	hubel controls - Greased wheel				
	Brugs & landing Gear - Retraction	ck ok - Replaced A/C					
	Battery w/G-35 Gill - Replaced	Elt Battery, ops ck					
	ok Batt exp. Aug '93 - clear	corrosion from					
	L. wing Tip T.E. at - clear	Birds nest from Bell					
	Repair h. wing o.B end Rib & stiffen	- C/w AD 68-20-9					
	Rudder Horn Insp. ok - AD 64-4-5	wing Panel Insp. ok					
	AD 62-3-3 had gear suspect on	Hand Insp. ok - AD					
	76-7-12 Brandy Switch, ck on	Run up ok - Run up					
	ck. ok -						
	 A/P 155887						
Sylvania Aero Enterprises Inc. 2624 S. Sylvania Ave. Sturtevant, Wis. 53177							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE

19

REMARKS
ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS -
REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING:
"INSTRUCTIONS FOR USE OF THIS LOG BOOK."
ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER
MUST BE SHOWN.

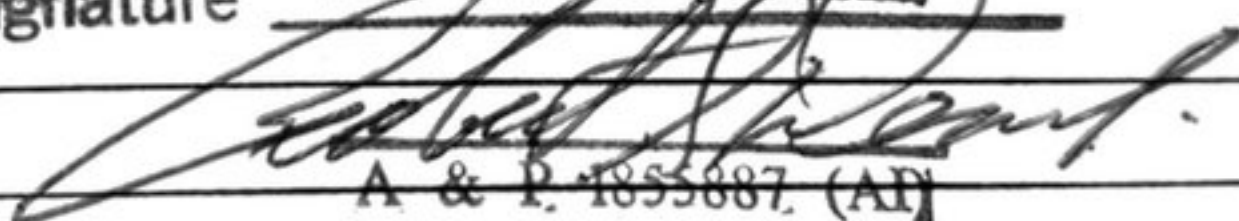
Date: 12-13-91 Acft Time: 3144.9

I certify that this acft ~~or engine~~ has been
inspected in accordance with an Annual
inspection and has been found to be in air-
worthy condition.

All A D bulletins through 91-24 cp'd with

Signature

ROBERT S. DEMSKI



A & P 1855887 (AP)

SYLVANIA AERO ENTERPRISES INC.

2624 S. Sylvania Ave.

Sturtevant, Wis. 53177

DATE 19__	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
1-19-93	3199	Tech H & TT	- Replaced Both Nose wheel Brngs				
			R & R Airspeed see Tag - Static System ok - ELT				
			ops ck ok, Batt exp Aug '93. Replaced Prop Spinner				
			Replaced luff. Inbd wing Flap Hinge - Serviced				
			Struts - Repaired luff fuel cabin door Hinge Area				
			ckw AD 76-7-12 Bendy Sw. ops ck ok - AD				
			68-20-6 Rubber Horn Insp ok - AD 64-4-5				
			wing Rand Insp. ok - AD 62-3-3 landing				
			Gem Selector Insp. ok - AD 78-9-3 R 3 Bendy				
			Impulse Insp. Dkt 1518.9 SMOH -				
			<i>[Signature]</i>				
			855887				

SYLVANIA AERO ENTERPRISES INC.
 2624 S. Sylvania Ave.
 Sturtevant, Wis. 53177

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP
 OF NEXT PAGE

DATE

REMARKS

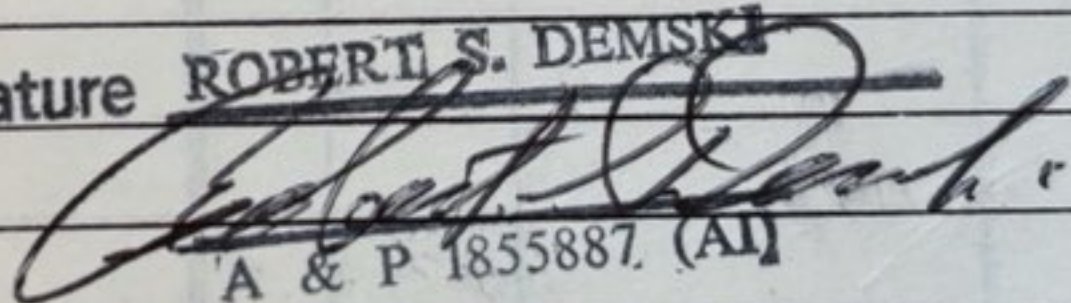
ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK."
ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

Date: 1-19-93 Acft Time: 3129177

I certify that this acft ~~or engine~~ has been inspected in accordance with an Annual inspection and has been found to be in air-worthy condition.

All A D bulletins through 92-26 cpld with

Signature ROBERT S. DEMSKI



A & P 1855887 (AI)

SYLVANIA AERO ENTERPRISES INC.

2624 S. Sylvania Ave.

Sturtevant, Wis. 53177

N2442T

BYRNE AVIATION LTD.

FAA REPAIR STATION FH5R857M

Waukegan, Ill. 60087

Waukegan Regional Airport

708-336-8020

Shinko Narco

Model No. AS-4-01/AR 850 Serial No: 200034/ 38010

ALTIMETER / ENCODER

Range: Altimeter, -1000 to 20,000 ft. Encoder, -1000 to 20,000 ft.
 This altimeter complies with Appendix E, Part 43,
 CH. 7, Section 91, FAA Regulations.

DATE: 9-28-93 Test By: D.M.B. Lighting:

V. AC or DC

Test Point (feet)	Scale Error (feet)
-1000	-10
0	-15
500	-15
1000	-15
1500	-10
2000	-5
3000	-20
4000	-10
5000	---
6000	-20
8000	-40
10000	-45
12000	-70
14000	-70
16000	-45
18000	-40
20000	+40
22000	
25000	
30000	
35000	
40000	
45000	
50000	

Para (c) Integrated System Test 9/28/93 (date)

Signature

W.O.# 9249

Byrne Aviation LTD

FAA Repair Station FH5R857M

Waukegan, IL 60087

SIGNATURE OF

The ATC Transponder test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43 appendix F.

Transponder model KT 76 S/N 20501Details of this inspection are on file at this repair station under W.O. No. 9249 Date 9/28/93Signed David J. Stang

Byrne Aviation Ltd. FH5R857M

Waukegan Regional Airport

Waukegan, Illinois 60087

FAR 91.411

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 iaw FAR 43, Appendix "E" have been performed:

APPENDIX "E"

Para (a) Static System 9/28/93 (date)

Para (b) Altimeter(s)

Pilots AS-4-01 C/P's AR-850 Encoder
S/N 200034 S/N 38010 Altimeter

Tested to 20,000 Feet
(Date) 9/28/93

Para (c) Integrated System Test 9/28/93 (date)

Signature [Signature] W.O.# 9249

Byrne Aviation LTD
FAA Repair Station FH5R857M
Waukegan, IL 60087

The ATC Transponder test and inspections required by FAR 91.413 were performed this date and found to comply with

FAR 43 appendix F. KT 76 S/N 20501
Transponder model KT 76
Details of this inspection are on file at this repair station

under W.O. No. 9249 Date 9/28/93

Signed [Signature]

Byrne Aviation Ltd. FH5R857M
Waukegan Regional Airport
Waukegan, Illinois 60087

SIGNATURE OF

DATE

1994

2/15/94

REMARKS

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK."

ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

Inspected For Ferry Flight and Found OK For
Flight From UGD to Racine, WI. — End —



AIP138448429

DATE

MEMORANDA

3-21-94 TACH 3289 & TITAF Lubed controls - Greased Landing gear
& Wheel Brings - Retract ck. OK - Replaced Gear Horn
Switch - Replaced ELT Batt, ops ck OK, Batt exp. 3/96
AD 78-09-03 83 Brady Impulse Due 2639.3 TTE, AD 76-7-12 Brady
Switch ck on Run up, OK, - AD 68-20-6 Rudder Horn & Insp.
OK, AD 64-4-5 wing Panel Insp. OK - AD 62-3-3 Lnd gr.
Selector Insp. OK -

Date: 3-21-94 Acft Time: 3289

AD 94-6-9 Battery cond N/A

AD 94-01-03 Brady coil & ROT

Magnet Insp - OK & marked

I certify that this acft ~~or engine~~ has been
inspected in accordance with an ~~Annual~~
Inspection and has been found to be in air-
worthy condition.

SYLVANIA AERO ENTERPRISES INC:

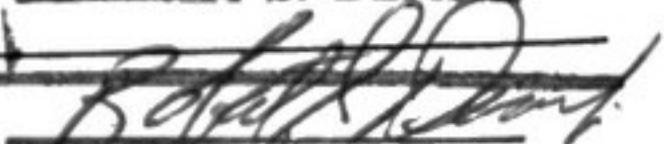
2624 S. Sylvania Ave.

Sturtevant, Wis. 53177

All A & D buldings through 94-03 cpld with

ROBERT S. DEMSKI

Signature



A & P 1855887 (AD)

MEMORANDA

DATE

5/18/95

Inspected for Ferry Flight to Sylmaria
Airport Wisc. Encl

AP 138448429

CEABLE PART
VED STATION NO. DIFR952K
O S. Jessica Ct.
Berlin, WI 53151
427-0404

FUNCTIONAL TEST

1-12-93

AIRSPEED INDICATOR

CALIBRATION

9427952

Test Setting	Instrument Reading	Test Setting	Instrument Reading
0	Knots	150	150
40	40	160	160
50	51	170	170
60	62	180	181
70	72	190	190
80	82	200	201
90	92	210	210
100	103	220	
110	113	240	
120	121	260	
130	131	280	
140	141	300	

MECHANIC

INSPECTOR

Part No.: 1426-17-M1
Serial No.: 9427952

Instrument Description:
Manufacturer:
Inspected By:



SERVICEABLE PART
F.A.A. APPROVED STATION NO. DIFR952K
5340 S. Jessica Ct.
New Berlin, WI 53151
427-0404

☐ NEW ☐ OVERHAULED ☒ REPAIRED ☐ FUNCTIONAL TEST

Work Order No.: 2018 Date: 1-12-93
Customer Name: Sylvania Aero
Instrument Description: airspeed Part No.: 1426-17-A1
Manufacturer: Pioneer Serial No.: 9427952
Inspected By: Mark Dushin

SERVICEABLE



DETROIT AIRCRAFT SUPPLY, INC.

11033 GRATON AVE. • DETROIT 13, MICH.
LA 6-4500

INSTRUMENT DIVISION

F.A.A. Approved Instrument Repair Station #3027

Unit DIRECTIONAL CYRO
Type No. _____ Model No. _____
Ser. No. 143426 Part No. 649742
T.S.O. _____
Overhaul ☒ Repair ☐ Functional Only ☐
Mech. W. Barton Inspector J. J.
Date July 19/65
Customer STOCK

N2442T



The Standard

AIRCRAFT LOG

Aircraft Record General Information

Manufacturer Navion Model G

Serial NAV 4-2442 Registration Number N2442T

Date of Manufacture _____

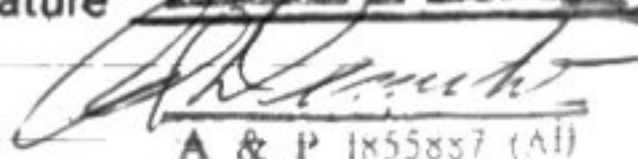
Engine(s) currently installed:

Manufacturer _____ Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

DATE	RECORDING TACH TIME	TODAYS 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.)
19 <u>95</u>				<i>6-1 3310</i> <i>hulk controls - Grease handling Grease</i> <i>+ wheel Brags - Retraction ck, OK - Extension</i> <i>OK - clwd AD 76-7-12 Landing SW ops ck on Run</i> <i>up - OK AD 68-204 Rudder Horn Bragg. OK -</i> <i>AD 64-5-5 wing panel Bragg. OK - AD 62-3-3</i> <i>handling Bragg. OK - ELT ops ck, OK -</i> <i>Batt exp. 3/96</i> Date: <u>6-1-95</u> Airt Time: <u>3310</u> I certify that this acft or engine has been inspected in accordance with an <u>Annual</u> inspection and has been found to be in air- worthy condition. All A D bulletins through <u>95-10</u> cpd with Signature <u>ROBERT S. DEMSKI</u>  A & P 1855837 (A1)

SYLVANIA AERO ENTERPRISES INC.
 2624 S. Sylvania Ave.
 Sturtevant, Wis. 53177

DATE 19 95
RECORDING TACH TIME
TODAYS FLIGHT
TOTAL TIME IN SERVICE

Description of Inspections, Tests, Repairs
Entries must be endorsed with Name, Rating and Certificate of the Technician or Repair Facility. (See back pages for other)

FAR 91.411

The following altimeter system and altitude reporting equipment tests inspections as required by FAR 91.411 iaw FAR 43, Appendix "E" have been performed:

APPENDIX "E"

Para (a) Static System 9-20-95 (date)

Para (b) Altimeter(s)

Pilots AS-4-01 C/P's AR-850 Encoder Altimeter

S/N 200034 S/N 38010

Tested to 20K Feet

(Date) 9-20-95

Para (c) Integrated System Test 9-20-95 (date)

Signature [Signature] W.O.# 9738

Byrne Aviation LTD
FAA Repair Station FH5R857M
Waukegan, IL 60087

N2442T

The ATC Transponder test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43 appendix F.
Transponder model KT76 SN 20501
Details of this inspection are on file at this repair station under W.O. No. 9738 Date 9-20-95
Signed [Signature]

Byrne Aviation Ltd. FH5R857M
Waukegan Regional Airport
Waukegan, Illinois 60087

N2442T

Description of Insp
ries must be endorse
technician or Repair Fa

g altimeter system
s required by FAR
ed:

E"

System

meter(s)

-4-01

34

20K

20-95

ated System Test

ation LTD

r Station FH5R8

IL 60087

Rangermaster Flying Club **BYRNE AVIATION LTD.**

FAA REPAIR STATION FH5R857M

Waukegan Regional Airport

Waukegan, Ill. 60087

708-336-8020

Shinko Electric

Model No: AS-4-01

Serial No: 200034

Narco

M/N AR 850

ALTIMETER / ENCODER S/N 38010

Range: Altimeter, -1000 to 20,000 ft. Encoder, -1000 to 20,000 ft.

This altimeter complies with Appendix E, Part 43,

CH. 7, Section 91, FAA Regulations.

DATE: 9-20-95 Test By: DMB

Lighting:

V. AC or DC

Test Point (feet)	Scale Error (feet)
-1000	+5
0	+5
500	+5
1000	-10
1500	-10
2000	-10
3000	-20
4000	-25
5000	
6000	-30
8000	-50
10000	-70
12000	-85
14000	-95
16000	-90
18000	-80
20000	-80
22000	
25000	
30000	
35000	
40000	
45000	
50000	

DATE

19 95

RECORDING
TACH
TIMETODAY'S
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.)

Oct 12

33215

INSTALLED AND OVERHAUL GENERATOR PART
1101912 S/N A599041, GROUND RUN OK
— ATP 489627093 (Dum Helle) —

DATE

19 96RECORDING
TACH
TIMETODAYS
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.)

6-14

3346.8

- 3346.8 hulk controls - Grease handling Gear
 + wheel Brags - Retraction Check, OK - Emergency
 Ext. OK - Replace ELT Batt - ops ck OK, Exp 7/96
 C/w AD 74-7-12 Brndly Switch ops ck, on Run up. OK
 AD 68-20-6 Rudder Horn Insp. OK - AD 64-5-5 wing
 Panel Insp. OK - AD 67-3-3 Landing Gear Handle
 Insp. OK - Replaced cow flap control & Rig -

SYLVANIA AERO ENTERPRISES INC.
 2624 S. Sylvania Ave.
 Sturtevant, Wis. 53177

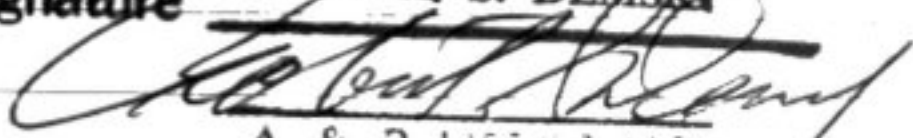
Date: 6-14-96Acft Time: 3346.8

I certify that this acft ~~or engine~~ has been
 Inspected in accordance with an Annual
 Inspection and has been found to be in air-
 worthy condition.

All A D bulletins through 96-11 cpld with

Signature

ROBERT S. DEMSKI



A & P 145367 (AI)

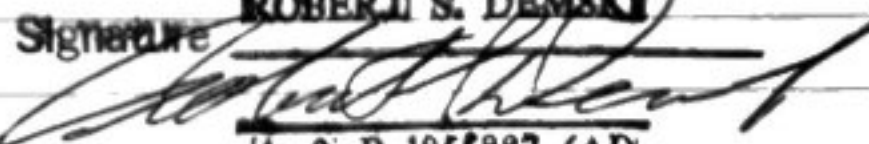
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>77</u>				
<u>6-24</u>	<u>3398.3</u>	<u>-</u>	<u>3398.3</u>	<u>Land Controls - Ground Handling</u> <u>Glow & Wheel Brags - Replace Nose Tire - Replace</u> <u>All Brake Pads - Repair Bragg. Door Lock - Lubricate</u> <u>Control - Remove EBL EIT + Install ADKriking AK-450</u> <u>EIT - ops Ch. OK - Bath exp 1/2001 - Retract Ch</u> <u>OK - C/W AD 76-712 Brdg Sw ops Ch OK - AD</u> <u>AD 20-6 Rudder Horn Insp. OK - AD 4-5-5 wing Panel</u> <u>Insp. OK - AD 42-3-3 Landy Gear Handle Brags OK -</u>

SYLVANIA AERO ENTERPRISES INC.
 2624 S. Sylvania Ave.
 Sturtevant, Wis. 53177

Date: 6-24-97 Air Time: 3398.3

I certify that this ~~aircraft~~ engine has been
 Inspected in accordance with an Annual
 Inspection and has been found to be in air-
 worthy condition.

All A D bulletins through 2712 cold with

Signature ROBERT S. DEMSKI

 A & R 1855882 (AD)

SERVICEABLE

Pertinent details of the exhaust system component repairs are on file at this repair station under:

Name Sylvania Aero

Work Order No. 59705

Date 5-8-98

Inspected by [Signature]

Dawley Aviation

140 Industrial Dr.
Burlington, WI 53105

1-800-338-5420

FAA CRS No. NJ5R069N

R545N MAINTENANCE RELEASE

and inspected in accordance with
and airworthy for return to service.
is agency as follows:

98 Propeller ☐ Governor ☒

Serial #: 1291879

ch ☐ Resealed ☐ Other ☐

is thru: 33572

Re-occurring ☐

NE TBO

Date:

WARD MANUAL #33017.

Signature: [Signature]

Yellow Part - Return with Unit for warranty claim. READ THE ENCLOSED WARRANTY POLICY
Return to: ZEFTRONICS, 1622 E. Whaley St., Longview, TX 75601. USA. Phone: 903-758-6661

AD A2-3-3 & you HANNA A-2000

WOODWARD PROPELLERS #FR6R545N MAINTENANCE RELEASE

The component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency as follows:

Work Order #: 19047

Date: 5/7/98

Propeller ☐ Governor ☒

Model #: D2104323

Serial #: 1291879

Overhauled ☒ Repaired ☐

Repitch ☐

Resealed ☐ Other ☐

Service Letters thru: NA

Bulletins thru: 33572

AD's: 70-26-02

Next Overhaul Due:

Hours ENGINE TBO

Re-occurring ☐

Date:

Remarks:

OVERHAULED GOVERNOR PER WOODWARD MANUAL #33017.

Repairman Certificate Number: PR2333455

Signature:

[Handwritten Signature]

Each Time:

FORM USE:

White Part - Return to us within 10 days of unit's installation.
Yellow Part - Return with Unit for warranty claim.

Pink Part - Keep for your records.

Return to:

ZEFTRONICS,

1622 E. Whaley St., Longview, TX 75604

OWNER
COMPANY
ADDRESS

37172 DITKOFF RD
BURRILL HILL 60031

AIRCRAFT

Make: NAVION

Model:

G

N

2442T

Part Installation or Removal Record. Take required measurements before installing unit.

Company

SYLVANIA AERO ENTERPRISES INC.

FBO ☐

A&P ☐

Owner ☐

Address

2624 S. Sylvania Ave.

Sturtevant, Wis. 53177

PHONE NO

414-886-2517

Fax Email

same

Part Number

R15VOL

SN:

LB50NF

CAR#:

Bought From

Measurements

Resistance of: Field

Ω : Field Sw

Ω .

System Voltage:

V

Installation

By:

R. S. Danks

Date:

5/20/98

Tach Time:

3452

Removal

By:

Date:

Tach Time:

Why Removed

Part- Return to us within 10 days of unit's installation. Pink Part - Keep for your records.
Yellow Part - Return with Unit for warranty claim. READ THE ENCLOSED
110: ZEFTRONICS, 1622 E. W. 1

5-20 2452.8 - 2452.8 Landed controls - Grease wheel
 + Landing Gear - Replace BOTH main Tires -
 Replace BOTH upper Flex Brake lines on mains -
 Replace BOTH Nose Gear Trunion Bearings -
 Hyd. Reservoir Filter + Gaskets - Repair Carb A.T. Air
 Box - Repair Cabin Heat Box - Rescal main Hyd.
 master Control - Service Hyd. System w/ 5604 Fluid
 + Bleed Brakes - Retraction Ch. Performed + Flap
 Actuation - Emergency Extension ops ck. ok -
 EHT ops ck. ok, Batt exp 1/2001 - C/W AD 76-7-12
 Bendix Ign. Sw ops ck. ok - AD 68-20-6 Rudder
 Horn Engg. ok - AD 64-5-5 wing Panel Engg. ok.
 AD 62-3-3 Gear HandN Engg. ok - - - - -
 Removed 20470 H Engine + Installed
 20520 B S/N 234783-R as ALTERNATE, Ref.
 Tig. Data Sheet A782 Item 141 - New Flight
 Cont'd NEXT page ->

DATE	RECORDING TACH TIME	TODAYS 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.)
19 <u>98</u>				
5-20	3452.8	—	3452.8	Manual Supplement Supplied - First oil Prop Governor K210452 SN 1271879, see Tag - Both Ex Stacks repaired & h.H. muffler Replaced see Tags - Replace 50 A. volt Reg w/ R15 VOL Reg; Replace Induction Air Filter - Replaced D3669 Spinner Assy, with D3867 Spinner Assy - see Form 337 This Date - Installed slick start Ignition Booster SS1002 per STCSA593CH see Form 337 - WT & Balance Revised This Date.

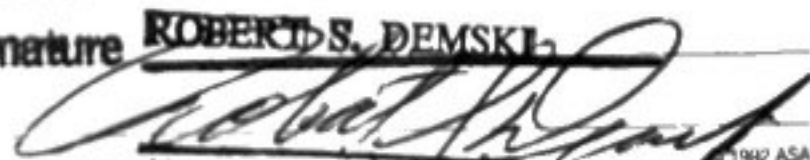
SYLVANIA AERO ENTERPRISES INC.
 2624 S. Sylvania Ave.
 Sturtevant, Wis. 53172

Date: 5-20-98 Acft Time: 3452.8

I certify that this acft ~~or engine~~ has been
 Inspected in accordance with an Annual
 inspection and has been found to be in air-
 worthy condition.

All A D bulletins through 98-08 cpd with

Signature ROBERT S. DEMSKI



A & P 1855887 (AI)

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICEDe
Err
TotBENTON AVIATICS
3550 N. HARRIS ROAD
BARTON, IL 60007
FAA CTS8006419Eations
er of
tries.)

DATE

19

TABLE 1 SCALE ERROR			TABLE 2			TABLE 4			TABLE 3 FRICTION				
ALT	TOL	IND		TOL	IND	PRESS	HG	IND	TOL	DIFF	ALT	TOL	IND
-1000	20	-1005	CASE LEAK	100	0	28.10	-1727	25-1730	1000	70	40		
0	20	10				28.50	-1340	25-1345	2000	70	40		
500	20	510	HYSTERESIS			29.00	-863	25-875	3000	70	40		
1000	20	1018				29.50	-392	25-400	5000	70	50		
1500	20	1517	1st TEST PT	75	14	29.92	0	25 0	10000	80	60		
2000	30	2022	(50% MAX ALT)			30.50	+531	25 520	15000	90	60		
3000	30	3025	2nd TEST PT	75	9	30.90	+893	25 885	20000	100	60		
4000	35	4029	(40% MAX ALT)			30.99	+974	25 960	25000	120			
6000	40	6027	AFTER EFFECT	30	3				30000	140			
8000	60	8035							35000	160			
10000	80	10035							40000	180			
2000	90	12045	ALTIMETER TESTED TO			20,000 FEET			50000	250			
4000	100	14040	DATE TESTED			JUNE 2, 1998							
6000	110	16035	AIRCRAFT N NUMBER			2442T							
8000	120	18030	CUSTOMER			JOHN PETERSON							
0000	130	20060	SERVICE ORDER #			8730			PILOT SYSTEM	X			
2000	140	0	ALTIMETER P/N			5934P-3							
5000	155	0	ALTIMETER S/N			397400			COPILOT SYSTEM				
0000	180	0	ADC/ENCODER P/N			8R-850							
0000	205	0	ADC/ENCODER S/N			38010			STANDBY SYSTEM				
0000	230	0	TRANSPONDER MODEL			KT-76							
0000	255	0	TRANSPONDER S/N			20501							
0000	280	0	Tested in compliance with F.A.R. Part 43, Appendix E.										
0000	295	0											
0000	305	0	AUTHORIZED SIGNATURE			Steve J. Goodwin							

[illegible]

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE _____

19

I certify that the altimeter, encoder & static system as required by FAR 91.411, Paragraphs A, B, & C have been performed.

The altimeter P/N 5934P-3 S/N 397400 was tested to 29,000 feet on 6-2-78

ATC transponder tests and inspections as required by FAR 91.413 IAW FAR 43, appendix F have been performed.
Model KT 76 S/N 20501

Signed Steven J. Goodwin Date 6-2-98
WAUKEGAN AVIONICS Waukegan IL 60087 CRS# WGR619K

DATE 19 99 **RECORDING TACH TIME** **TODAYS 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)

4-21 3490.5 - 3490.5 Hubed Controls - Grease handling
Grease - Replace L.H. main Grease Actuator -
Grease Retraction CK, OK - E.L.T ops CK, OK -
Batt exp. 1/2001 - AD 76-7-12 Bendix 1700 SW. ops
CK on Lim up - OK - AD 68-20-6 Rudder Horn Insp. OK
AD 64-5-5 wing Panel Insp. OK - AD 62-3-3 Grease
Handle Insp. OK - AD 58-25-10 Aircraft Bolts Inc
N/A - Different manufacturer

SYLVANIA AERO ENTERPRISES INC.
 2624 S. Sylvania Ave.
 Sturtevant, Wis. 53177

Date: 4-21-99 Acft Time: 3490.5

I certify that this acft ~~or engine~~ has been
 Inspected in accordance with an Annual
 Inspection and has been found to be in air-
 worthy condition.

All A D bulletins through 9905 cp'd with

Signature ROBERT S. DEMSKI

A & P 1855887 (AI)

[illegible]

AVIATION ELECTRONICS INC.

(781) 274-7070

DESCRIPTION OF WORK

The below listed equipment has been preinspected. ☒

① NAV #2 inop.

① Malfunction confirmed upon bench test.

KX-170B s/n 37351 has no NAV Rx.

Upon further testing, determined NAV Voltage Control Oscillator in the

Synthesized Master Oscillator is inop.

Isolated fault to Q212, voltage transistor.

Replaced defective component and aligned

SNQ i/a/w manufacturer's technical reference data. Unit bench tests serviceable.

Tx power out: 10.75W (RMS)
Modulation: 25.0%

All A D bulletins through 2002

Signature

ROBERT S. [Signature]

Repairs and Alterations
and Certificate Number
is for other specific ent

AVI

Handling

OK - R

Item - class

Run up

TO: Jap 44-5

Gravita

Frank, 1

TERMS: white f

WT chg

QTY

Time: 3

1 engine h

with an A

found to b

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICEDescription 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

35254 - 35254 Take Controls - Grease Landing gear
Retract ch & Em. Ext ops. ch. OK - Ref. B-
Top Door Trim - Replace vac Reg. Filter - clw AD
N712 Bulbix ign sw, ops ch on Run up - ok
AD 68-20 - Rudder Horn Insp. OK, AD 44-5-5
wing panel Insp. OK - AD 42-3-3 Growth and
Insp. OK - AD 2000-S-51 Cont. Crank, N/A
to model Engine - remove stroke bite for
Repair - Inst. Temporary brace - WT chg N/A
ELT ops ch OK
Batt exp 1/2001

Date: 5-23-00 Acft Time: 35254

I certify that this acft ~~or engine~~ has been
inspected in accordance with an Annual
inspection and has been found to be in air-
worthy condition.

All A D bulletins through 2000/7 cpld with

Signature

ROBERT S. DEMSKI

SYLVANIA AERO ENTERPRISES INC.
2624 S. Sylvania Ave.
Sturtevant, Wis. 53177

DATE <i>None</i>	RECORDING TACH TIME	TODAYS 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.)
<i>B-5</i>				<i>Install repaired stroke pit, ops up of</i> WHELEN ENGINEERING COMPANY FAA MMF E19-50 Route 145, Winthrop Road Chester, Connecticut 06412-0684 SERVICEABLE Unit <i>HR, DF-14...</i> Ser. No. <i>R-14-34820</i> The component identified above was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service. Pertinent details of the repair are on file at this repair station under W/O No. <i>851515</i> Date <i>7-6-00</i> Insp. <i>Paul P. Knapf</i>

10-0330430-00

[Signature]
AV 1355357

DATE 19	RECORDING TACH TIME	TODAYS 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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ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

Sparky's Avionics
FAA CRS No. G91R794N

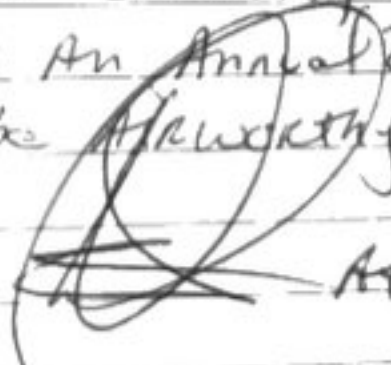
IFR

414-658-2025

N2442T

9:00 52nd Street
Kenner, LA 70134

Test AL x 1000 Ft	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tolerance $\pm$ Ft	20	20	20	20	22	20	20	22	40	60	80	90	100	110	120
Actual $\pm$ Ft	+5	+5	0	0	-5	0	+5	+10	-5	+20	+25	0	-10	+15	+15
Test AL x 1000 Ft	20	22	22	20	25	40	45	20	Case Low		Dynamic Tol = 25 Ft	ALTIMETER			
Tolerance $\pm$ Ft	130	140	155	150	105	230	215	260	Tol Low	-60	SEA Tol	+10	Make <u>UNITED</u>		
Actual $\pm$ Ft	+25								Tol C	20	SEA Tol	+10	Model <u>5030P-3</u> SN <u>397400</u>		
CERTIFIED ALTIMETER PER FAR 43 APP. E. TO <u>20</u> FT. CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 91.411 (a) (1). PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN ACCORDANCE WITH FAR 43 APP. F.												BLIND ENCODER			
TRANSPONDER MODEL <u>KT 76</u> SN <u>20501</u>												Make <u>ADC</u> Model <u>P350</u> SN <u>38010</u>			
The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.												*1 TRANSPONDER			
Date <u>3/22/01</u> W.O. <u>342</u> Signed <u>[Signature]</u>												State <u></u> Model <u></u> SN <u></u>			

DATE 2001 19	RECORDING TACH TIME	TODAYS 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.)
5/18/01			3558.4	Completed Annual insp. Removed Hyd. Control + Resealed Flap Actuators O-rings. Reinstalled Control + Serviced Reservoir. Performed Retraction tests Lubed Gear & Control Surfaces. Replaced Lower 13 Flap Bolts. Serviced + Charged BATT. I certify this AIRCRAFT Inspected 14W An Annual Insp. + Deemed to be Airworthy at this time.
				 APP1384484294A
6/6/01			3564.0	Completed Annual Insp. 9W 9.207 ELT Due 3/05. Serviced + Charged BATTERY. Lubed Control Surfaces + Oil Per Firearm movement - see next page -

ion 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)

Q/w AD 76-7-12 Bendix Switch ops Ch. Found good. Q/w 68-20-6 (Rudder) Found good. Q/w 64-5-5 (Lying Panel) Found good. Q/w 62-3-3 (Gear/Harsh) Found good. — End

I certify this Aircraft Insp. is an Annual Insp. And was determined to be working at this time.

[Signature]

APP 13844840014

7/2/03

3568.2

Completed Annual Insp. Q/w 91-207 ELT Due 3/05. Q/w 76-7-12 Bendix Switch ops Ch. Q/w 68-20-6 Q/w 64-5-5 Q/w 62-3-3. Lubed Wheel Surfaces & Check Movement & Signed & Unmarked Battery. — End

I certify this Aircraft Insp. is an Annual Insp. And was determined to be working at this time.
 See next page

DATE	RECORDING TACH TIME	TODAYS 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.)
19	Continual			
				IAW An Annual Insp. & determined Airworthy at this time
				ATP 138448429TH
1/2/04	3571.6			Completed Annual insp. O/w 91.207 ELT Due 3/05. O/w 76-7-12 by Switch Ch + found good. O/w 68-20-06 / O/w 64-05-05 / O/w 62-33. Lubed Control Surfaces + chk'd for freedom of movement. Charged + serviced BATTERY. Replaced Landing Litz. ————— End ————— I certify this Aircraft inspected IAW An Annual Insp and determined Airworthy at this time.
				ATP 138448429TH

DATE 2007 10	RECORDING TACH TIME	TODAYS 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	3572.1			Inspected Aircraft for ferry flight from Keosauqua, WI. to Stoughton, WI. Only. Pilot only.
5/11/07	3573.4			Completed Annual Insp. C/W 91.202 ELT BATT Replaced ELT Due 3/11 C/W AD 76-2-12 by Ign Switch CK and found good. C/W AD 68-20-06, AD 64-05-05, & AD 62-3-3. Replaced BATT w/ new Gilson. Removed various Birds Nest. Replace loose Rivets Tail Area, Replaced L & R. Brake Hoses w/ new. Serviced Brakes. Lubed Control Surfaces & Chd for freedom of movement. <u>End</u> Reinspect this Aircraft Insp. IAW an Annual Insp. and determine airworthiness at this time. AOP 13844 E429 JA

DATE	RECORDING TACH TIME	TODAYS 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.)
19 _____				

Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

7/12/23

N2442T

SN) NAV-4-2442

Tach: 3573.4

I certify that all applicable AD's have been complied with or allow for ferry flight to a location to be completed, this aircraft has been inspected, and determined to be in safe condition to make a one-time ferry flight from C89 Direct to KBUU in Day VFR conditions, on the Main fuel tank with the landing gear Down in accordance with a ferry permit to be issued by the Milwaukee FSDO.

CL TAJ IA3448856

DATE	RECORDING TACH TIME	TODAYS 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.)
19 _____				

Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

9/4/24

N2442T

Tach: 3573.4

AFTT: 3573.9

Inspections: Completed Annual Inspection this date IAW FAR Pt. 43 App. D. FAR 91.207 ELT inspection / check C/W, no defects noted. ELT battery expiration date: **Mar 2030.**

All AD's checked:

- AD 52-24-01 Aileron Control Chain: Verified C/W, previously modified Per Field Service Bulletin No. 18. **No further action required.**
- AD 52-26-01 Stabilizer Cracks: C/W by insp. per Field Service Bulletin No. 17. No defects noted at this time. **Next Due: 3673.4 AFTT.**
- AD 54-18-01 Fuselage to Wing Attach: Verified C/W, doublers installed at factory. **No further action required.**
- AD 55-01-01 Fuselage Frame: C/W by insp. Per Field Service Bulletin No. 22. No defects noted at this time. **Next Due: 3673.4 AFTT.**
- AD 56-03-03 Spar Fittings: Verified C/W, doublers already in place per Field Service Bulletin No. 23. **No further action required.**
- AD 59-06-04 Hydraulic Actuators: C/W by insp./test per Service Letter No. 79. No defects noted at this time. **Next Due: 10/1/25.**
- AD 62-03-03 Landing Gear Selector: C/W by insp. per Service Letter No. 81. No defects noted at this time. **Next Due: 10/1/25.**
- AD 63-21-05 Retract Links: C/W by inspection, late part number links installed. **No further action required.**
- SAIB: AIR-22-13 Retract Links: C/W by inspection, no defects noted at this time. **No further action required.**
- AD 64-04-05 Outer Wing Panels: C/W by insp. per Service Letter No. 85. No defects noted at this time. **Next Due: 3673.4 AFTT.**
- AD 68-20-06 Rudder Horn: C/W by inspection per the AD. No defects noted at this time. **Next Due: 10/1/25.**
- AD 2008-05-14 Fuel System: C/W by insp. per (1), and installation of new 145-30013-203 fuel selector valve SN) 56625 per (3) and Service Bulletin No. 106A. No defects noted at this time. **No further action required.**
- AD 76-07-12 R1 Bendix Ignition Switches: **Next Due: 3673.4 AFTT.**
- AD 2017-16-01 Ameri-King ELT: C/W by function test per FAR 91.207. No defects noted at this time. **Next Due: 10/1/25.**

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Removed: existing AN5771-4 hyd. psi. gauge SN) 11960, Arnav FM55000 Loran SN) 018512, Loran Antenna SN) 50070, King KX-170B Nav/Com SN) 37351, KI-201C CDI SN) 23071, KR-86 ADF SN) 25578, KA-25 Amplifier SN) 2227, KA-42B ADF Antenna SN) 28508, KT-76 Transponder SN) 20501, Transponder Ant, Narco AR-850 Encoder SN) 38010, NAV-122 Nav/CDI SN) 52339, CP136 Audio Panel SN) 30609, David Clark ISOCOM intercom SN) X92029X, Com Ant, Avionics, Cooling Fan, all related, harnesses, trays, and hardware.

Installed, programmed, and tested: serviceable AN5771-4B hyd. psi. gauge SN) 7899, Garmin GMA340 Audio Panel PN) 011-00401-10 SN) 96286482, GNS530W WAAS GPS/Nav/Com PN) 011-01064-00 SN) 23803162, GA35 WAAS GPS Antenna, PN) 013-00235-00 SN) 22777, GI106A GS/CDI PN) 013-00049-01 SN) M23641, new RG-400 coax for MB, GPS, XPDR, Coms, & to Nav Splitter, Lone Star Avionics Fan PN) CRB-6457-01 SN) 003-023322, Rami AV-17 Com Antenna, AV-22 transponder antenna SN) 0524, Stratus ESi ADS-B Compliant Transponder PN) 153510-000069 SN) 202574, Stratus ES to Portable Receiver Kit, Stratus Power USB Power Outlet PN) 153510-000040 SN) 065477, and Trans-Cal Encoder PN) SSD120-30N-RS232 SN) SRN-28406 in accordance with; Garmin GMA340 Installation Manual Garmin Doc# 190-00149-01, Rev. L, dated 6/30/03, Garmin GNS530 Installation Manual Garmin Doc# 190-00357-06, Rev. B, dated 1/3/07 per STC# SA1933LA, Lone Star Aviation Dwg# CRB-6457-04, Rev. 3, dated 6/8/22, Stratus ES Installation Instructions, Doc# 600840-000031, Rev. 3.0, dated 10/3/19, Dwg# 601837-000024, Rev. 2.3, dated 11/1/18, Stratus 3i Installation Guide, Doc# 600840-000052, Rev 1.3, dated 11/6/20, & FAA Memorandum regarding Installation Approval for ADS-B OUT Systems and FAA Technical Paper AFS-360-2017-1, Rev. 0, dated 9/25/17 using STC# SA04112CH as guidance, Stratus Power Installation Instructions Appareo Doc# 600840-000041, Rev. 1.0, dated 12/15/16, Stratus Power Master Doc List Doc# 606586-000086, Rev. 1.1, dated 2/16/17, and Trans-Cal Altitude Encoder Owner/Installation Manual Doc# 882189, Rev. G, dated 5/12/15.

Inserted: FAA Approved Aircraft Flight Manual Supplements; Garmin Doc# 190-00357-63, Rev. B, dated 12/21/06, Appareo Doc# 606586-000075, Rev. 2.1, dated 11/27/18 in the Aircraft Flight Manual.

DATE	RECORDING TACH TIME	TODAYS 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.)
19 _____				

Instructions for Continued Airworthiness per: Garmin Doc# 190-00357-65, Rev. A, dated 11/3/06, Appareo Doc# 600845-000024, Rev. 3.0, dated 10/3/19, and Appareo Doc# 600845-000028, Rev. 1.0, dated 12/20/16 or later.

Updated: Weight & Balance, and Aircraft File to reflect these changes, see FAA form 337's dated this date for details. The installed ADS-B system was shown to meet the equipment performance requirements of 14 CFR part 91.227.

Repairs as listed: installed new: GE 336 lamp in RH MLG position light, Concorde RG-35AXC main ship's battery SN) 70035834, 147-30013-203 fuel selector valve SN) 56625, Main fuel tank to Accumulator couplings, AN-H-35-8-13 fuel vent couplings with new clamps, 145-34161 NLG drag brace support (owner produced), 145-33157 MLG extension stops, LH 145-14024-1 & 145-14037-1 nose ribs, 4) 145-52301 aileron rollers, SCEET-8 ducting with 100-M clamps on both leading-edge vents, SCAT-10 duct in engine compartment heat system, MIL-6000 line between vacuum pump and firewall, AN970-6 washers under wing tie down rings, AN525-10R8 & -10R9 structural screws in underwing stress panels, elevator & rudder pulley hardware: AN4-11A bolts AN960-416 washers & MS21044N4 nuts, RA066-11000 brake linings, APS164-02707 brake discs, Air Hawk 6.00X6 6PLY NLG tire with Aero Classic GL-6020B Leakguard tube, 2) Air Hawk 6.50X8 6PLY MLG tires with Aero Classic GL-6515B Leakguard tubes, 655234-1241 fuel nozzle & 628154 fuel injection line for cyl #1, serviceable: 145-58021-5 MLG hyd. restrictor assembly, 145-34117 NLG Fork, 145-34139 Upper & 145-34138 Lower NLG torque links, AN2552-3A ground power receptacle, missing 145-54039 cricket springs on gear switches, removed, cleaned, painted, & reinstalled RH aileron control rod, LH 143-14001-87 leading edge, 143-14001-123 stringer, and a portion of 143-14001-19 skin IB of Wing STA 50.0 for repair, cleaned nesting debris from inside internal structures, washed, & neutralized, removed deteriorated insulation as required, cleaned corrosion from leading edge vent assemblies and battery tray primed & painted, freed leading-edge ball vents in cockpit, replaced cork tape in fuel bays as necessary, spliced 143-14001-87 leading edge, 143-14001-123 stringer at Wing STA 50.0 with factory new parts, and fabricated a skin patch in accordance with Section II of the Navion Structural Repair Manual Doc# 596047, dated 2/11/2022. See FAA form 337 this date for details.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Repaired: LH lower fuel vent hardline in cabin and tip tank supply line to fuel selector, fabricated new battery leads from aircraft wire & terminals, new flexible fluid lines fabricated by Aircraft Specialty for brakes, hyd. actuators, & fuel system, rebuilt NLG & MLG torque links with OH-15 & OH-16 hardware/bushing kits, resealed all 4 hyd. actuators with new OH-1 reseal kits, MLG struts with OH-12 reseal kits, NLG strut with OH-13 reseal kit, hyd. relief valve with 145-58027 kit, hyd. cut off valve with new MS28775-012 O-rings, brake calipers w/MS28775-222 O-rings, brake master cylinders w/MS28775-006, -010, -012, -110, & -113 O-rings, corrected static leaks as necessary, rigged all 4 hyd. actuators, alternate air control, NLG tire brake, LH MLG door, cleaned & adjusted landing gear position switches and contacts on gear warning horn, hyd. relief pressure, per Navion Service Manual. Bled brakes, stripped and dye penetrant checked NLG fork for cracks, none found at this time. Prepped and painted fork, axle spacers and mud scraper, reinstalled with new AN5-17A, AN5-20A bolts, AN960-516 washers, AN310-5 nuts, and MS24665 cotter pin per Navion Parts Manual.

All routine maintenance completed: lubricated aircraft, adjusted cable tensions per the Service Manual, installed new RA-D9-18-1 main vacuum filter, ARB3-5-1 vacuum regulator filter, BA-4310 induction air filter assembly, 1071 hyd. filter, top charged battery, oil changed this date, cut open filter and inspected for FOD, none noted at this time. Took SOAP sample and sent for analysis, see report for details. Installed new AA48110-2 filter and filled engine with 11qts of Aeroshell 15W50 oil. Washed down engine, ran up and checked for leaks, none noted at this time; systems found satisfactory at this time.

Serviced: Hydraulic reservoir, landing gear struts, and tires with MIL-H-5606 hydraulic fluid and dry nitrogen per the Service Manual.

Aircraft: Aircraft run up, systems ramp checked and found satisfactory at this time.

I certify; this Airframe has been inspected in accordance with an Annual Inspection, determined to be in airworthy condition with regard to the work performed, and that the work has been accomplished in accordance with current Federal Aviation Regulations.

[Signature] IA 3743242

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DATE 19 _____	RECORDING TACH TIME	TODAYS 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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ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

Burlington Air Center Inc.
CRS No. J79R390Y

Phone: 262-763-9500
Fax: 262-763-2910

703 Airport Dr.
Burlington, WI 53105

N 2442T

S.O. # 23-9085.1

Test Alt x 1000 Ft	-1	0	0.5	1	1.5	2	3	4	6	8	10	12	14	16	18
Tolerance +/- Ft	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
Actual +/- Ft	0	0	0	0	0	0	0	+10	+10	+20	+40	+50	+50	+50	+60
Test Alt x 1000 Ft	20	22	25	30	35	40	45	50	After Effect		+20		ALTIMETER Make <i>United</i>		
Tolerance +/- Ft	130	140	155	180	205	230	255	260	75 Ft	+40	75 Ft	+40			
Actual +/- Ft	+60								Hy 50%		Hy 40%				

Certified that altimeter checks required by FAR 91.411 have been performed and found to comply with Part 43, App. E, Par. B ☒
 Certified that static system checks required by FAR 91.411 have been performed and found to comply with Part 43, App. E, Par. A ☒
 Certified that ATC transponder test and inspections required by FAR 91.413 were performed and found to comply with Part 43, App. F ☒
 Certified that automatic pressure altitude reporting system checks required by FAR 91.217 & FAR 91.411 have been performed and found to comply with Part 43, App. E, Par. C ☒

The aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service

Date 9/12/24

Signed [Signature]

ALTIMETER

Make United
Model 5934A3
S/N 397400

BLIND ENCODER

Make Transcal
Model SSD120
S/N 28406

TRANSPONDER

Make Stratus
Model ES
S/N 202574

DATE	RECORDING TACH TIME	TODAYS 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.)
19				

Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

9/16/24

N2442T

Tach: 3575.6

AFTT: 3475.6

Repairs as listed: installed new CP **GE-4509** landing light lamp, CP **W1512** position light lamp, serviceable **2870** EGT probe on #6 cylinder, repaired wiring on Pilot PTT switch, fabricated, painted, and installed filler plate for below radio stack, and replaced missing placards on panel. System ramp checked and found satisfactory at this time.

I certify that the work described above has been accomplished and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

Signature 4135243 ARP

DATE 19 ____	RECORDING TACH TIME	TODAYS 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.)
		10-26-24	Tach = 3593.6	Aircraft total time = 3593.6
				During the ferry flight to Ukiah California, the original tachometer failed at 3577.8 hrs. A loaner tachometer was installed reading 958.72 and removed at 974.52.
				A new tachometer was purchased from Mitchell Aircraft Products. It had the range markings from the POH painted on the face, as well as the aircraft's current total time, pre-set on the recorder. The new tach is a Mitchell model 98480-25, p/n D1-112-5025, s/n 33491.

TACH SCALE CORRECTION CARD

Instr. P/N: D1-112-5025

Serial No.: 33491

Power Setting Indication

500 RPM 405

1000 RPM 990

1500 RPM 1505

2000 RPM 1990

2500 RPM 2500

3000 RPM 3005

3500 RPM 3500

Inspector: AM Date: 10-15-24


 Stephen D. Savonen A&P 2631558
 dba Ace Aerial Service

N2442T



TELEDYNE CONTINENTAL



**Gold
Medallion
Aircraft
Engine**

USE ONLY
FUEL
CONFORMING
TO ASTM D910.

USE OF AUTOMOTIVE
GAS IS NOT
APPROVED.

**REBUILT
ENGINE
LOG**

AIRCRAFT N NUMBER

ENGINE MODEL NUMBER

ENGINE SERIAL NUMBER

This engine model IO520B6B, Serial No. 234783-R, was rebuilt/zero timed on 04/14/98 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB	AD	REMARKS	SB	AD	REMARKS
M66-6	72-24-03	**REPLACED WITH NEW PART	N/A	91-19-03	REPLACED OIL FILTER
M70-10	70-14-07	REPLACED WITH NEW PART	M92-6	N/A	ROCKER SHAFT RETENTION IMPROVED
M77-14	77-13-22	REPLACED WITH NEW PART	M92-14	N/A	VISUAL INSPECTION
M80-26	81-24-06	TORQUE CHECK	M92-16	N/A	CRANKSHAFT REPLACED
M86-7	86-13-04	REPLACED WITH NEW PART	M93-9	93-16-15	**PROPER SHAFT & COUPLING INSTALLED
M87-5	97-26-17	ULTRASONIC INSPECTION OF C/SHAFT	MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE
M88-4	88-03-06	REPLACED WITH NEW PART	CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE
M90-21	N/A	ULTRASONIC INSPECTION OF BARREL	N/A	94-14-12	N/A
M91-6	N/A	ULTRASONIC INSPECTION OF BARREL	CSB94-15	N/A	CRANKCASE STUD INSPECTION
M91-7	N/A	ULTRASONIC INSPECTION OF BARREL	N/A	95-21-15	N/A SERIAL NUMBER

Records reflecting this rebuilding are on file at Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601.

Sheet 1 of 2
Continued on back cover

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508



RS

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
5-20-98	Tach		3452.8								Replaced This engine in Navion G- N2442T as Alternate for 20470H as per T.C. Data Sheet A752 Item 141. - Replaced Engine Spark plugs as necessary - Install New Flex Fluid Lines in engine compartment - Replace Buffer, seals as necessary - Replace Aerosol Tubing - Service with 12 qt 50 W.D. Aeroshell oil - Run up check, OK - No oil leaks - Date: <u>5-20-98</u> Acft Time: <u>3452.8 Tach</u> I certify that this acft engine has been inspected in accordance with an <u>Approved</u> inspection and has been found to be in air worthy condition. All A D bulletins through <u>95-18</u> cpld with Signature <u>ROBERT S. DEMSKI</u> <u>LA & R 1855882 (A)</u>			
BROUGHT FORWARD														
TOTALS														

SYLVANIA AERO ENTERPRISES INC.
 2624 S. Sylvania Ave.
 Sturtevant, Wis. 53177

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER						
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.									
4-21-77	Total 348		15	-	57	27.7	00	-	Comp. CK. 1) 2) 3) 4) 5) 6) 7) 8) 9) 10) 11) 12) 13) 14) 15) 16) 17) 18) 19) 20) 21) 22) 23) 24) 25) 26) 27) 28) 29) 30) 31) 32) 33) 34) 35) 36) 37) 38) 39) 40) 41) 42) 43) 44) 45) 46) 47) 48) 49) 50) 51) 52) 53) 54) 55) 56) 57) 58) 59) 60) 61) 62) 63) 64) 65) 66) 67) 68) 69) 70) 71) 72) 73) 74) 75) 76) 77) 78) 79) 80) 81) 82) 83) 84) 85) 86) 87) 88) 89) 90) 91) 92) 93) 94) 95) 96) 97) 98) 99) 100)										
SYLVANIA AERO ENTERPRISES INC. 2624 S. Sylvania Ave. Sturtevant, Wis. 53177																			
Date: <u>4-21-77</u> Aft Time: <u>27.7</u> I certify that this air engine has been inspected in accordance with an <u>Annual</u> inspection and has been found to be in air- worthy condition. All A D bulletins through <u>9705</u> cp'd with																			
Signature <u>ROBERT S. DEMSKI</u> <u>[Signature]</u> A & P 185537 (AI)																			
BROUGHT FORWARD																			
TOTALS																			

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
5/14/99	TACH	3483	0	EN	TT	30	2				5/14/99 Tach 3483 - TT 30.2		
Complied with Visual and Ultrasonic Inspections of crankshaft per paragraphs A and B, "Detailed Inspection Section", of Teledyne Continental Motors Critical Service Bulletin (CSB) 99-3-A Signed <u>Phillip Gue</u> Date <u>5/14/99</u> TCM Representative Crankshaft S/N <u>C809809N</u> Compliance with this S.B. Also SATISFIES requirements of AD 99-9-17											5/14/99 Tach 3483 - TT 30.2 TCM engine for TCM inspection - Reassemble Rev Cont. CSB 99-3A - Engine Run up Check OK - All systems check Normal		
											SYLVANIA AERO ENTERPRISES INC. 2624 S. Sylvania Ave. Sturtevant, Wis. 53177 ROBERT S. DEMSKI <i>[Signature]</i> A & B 1855887		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7/2/03 TR SFAM	3568.2	115.4									Completed One Hundred hr insp in Distinct oil + Inspected filter (found good). Reservised w/ch 48109 + 10 QTS 15W50 Aero Shell. Cleared gapped, tested + Reinstalled Spark plugs. OK MAG Timing + Found Good. Comp OK 1) 68/80 2) 70/80 3) 72/80 4) 74/80 5) 76/80 6) 78/80 Cyl. CHT Probe w/nov - Engine Run Ch good. Inspected this engine inspl MAG A 100hr insp. and determined Air worthy at this time.		
7/2/04 SFAM	3571.6	118.8									Completed 100hr-insp. Depined oil + Inspected filter Reservised/MAGS 15W50. Cleared & gapped plugs. OK & MAG Timing end found good Comp OK 1) 70/80 2) 72/80 3) 74/80 4) 76/80 5) 78/80 6) 75/80 Run ch Good Inspected this engine inspl MAG A 100hr and determined Airworthy as this time.		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

[illegible]

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.		

Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

9/4/24

N2442T

Tach: 3573.9

SFRM: 121.1

Inspections: Completed Annual Inspection this date IAW FAR Pt. 43 App. D, performed borescope inspection, results unremarkable.

Compressions: #1) 54/80, #2) 51/80, #3) 59/80, #4) 70/80, #5) 72/80, #6) 72/80. M.O.) 43/80.

All AD's checked.

Repairs as listed: installed new 655234-1241 fuel nozzle & 628154 fuel injection line for cyl #1.

All routine maintenance completed: Oil changed this date, cut open filter and inspected for FOD, none noted at this time. Took SOAP sample and sent for analysis, see report for details. Installed new AA48110-2 filter and filled engine with 11qts of Aeroshell 15W50 oil. Washed down engine, ran up and checked for leaks, none noted at this time; systems found satisfactory at this time.

I certify, this Engine has been inspected in accordance with an Annual inspection, determined to be in airworthy condition with regard to the work performed, and that the work has been accomplished in accordance with current Federal Aviation Regulations.

JA 3243242

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TOTALS

ENGINE LOG

R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICEN NUM
Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

Burlington Air Center

703 Airport Rd. Burlington, WI, 53105
(262) 763-9500 Fax (262) 763-2910

9/16/24

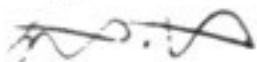
N2442T

Tach: 3575.6

SMOH: 122.8

Repairs as listed: installed serviceable **2870** EGT probe on #6 cylinder. System ramp checked and found satisfactory at this time.

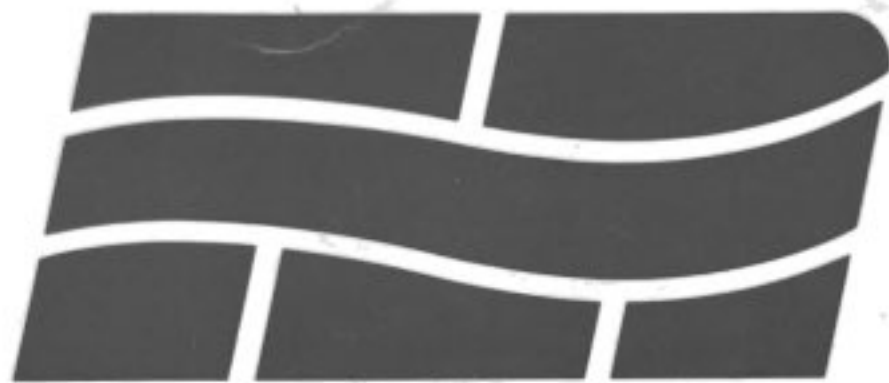
I certify that the work described above has been accomplished and inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

 4135243 ABP

HT FORWARD

TOTALS

N2442T



McCAULEY
PROPELLER LOGBOOK

Owner Name _____

Address _____

Propeller Model D3A32C90-R

Blade Model S-82NC-2

Hub Serial No. 971709

Blade Serial No. 1 RD088YSC

2 RD095YSC

3 RD096YSC

4 _____

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Position
NOV 14 1997	THIS PROPELLER WAS MANUFACTURED NEW AT McCAULEY PROPELLER SYSTEMS, INSPECTED AND FOUND TO BE AIRWORTHY ON THIS DATE.	

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
5/20/98	-0-	-	New Propeller Installed on N/Kion G-NZ442T This Date. - Run up check ok - operation Normal - max RPM 2700 - Per TC 782 & Temp 16.	<i>[Signature]</i> MP1855987

SYLVANIA AERO ENTERPRISES INC:
2624 S. Sylvania Ave:
Sturtevant, Wis. 53177

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
4-21-99	27.7	—	Prop prop OK	[Signature]
TTLH	3480.5		ops OK. (98)	AP 138442429IA
7/2/03	TR 3568.2	TTP 87.7	100 hr insp	AP 138442429IA
7/2/04	TR 3571.6	TTP 91.1	100 hr insp	AP 138442429IA
5/11/07	TR 3573.4	TTP 92.9	100 hr insp AD 07-08-04 N/A	AP 138442429IA

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
<i>Burlington Air Center</i> 703 Airport Rd. Burlington, WI, 53105 (262) 763-9500 Fax (262) 763-2910				
9/4/24		N2442T	Tach: 3573.9	PSNEW: 93.4
<u>Inspections:</u> Completed Annual Inspection in accordance with FAR Pt. 43 App. D. <u>All AD's checked.</u> <u>No repairs necessary.</u> <u>All routine maintenance completed.</u>				
I certify; this <u>Propeller</u> has been inspected in accordance with an <u>Annual</u> inspection, determined to be in airworthy condition with regard to the work performed, and that the work has been accomplished in accordance with current Federal Aviation Regulations.				
Ni	 IA 3743242			2