1977 CESSNA 177B

Specifications

Year	1977
Serial	177-02649
Registration	N20229
TTAF	2315
Ad Type	For Sale
Location	KPHD
Type	Available
Summary	Make Her your own!!!! (MUST SELL) LOW TIME!! C177B Lyc 360 4 cylinder 180 HP with C/S. Prop 2315 total airframe time 2315 total engine and prop time All original white leather seats All original exterior paint Replaced all window glass costing $5,000.00. Front to back Recent brake rotors and pads 2 king 155 radios, one with G/S and one LOC 1 king 64 DME S-tech 30 auto pilot with heading bug only Univoix wing beacon for ADS-B Missing air frame and engine logs from 1977 to 1989 - 1990 to current available All STC and 337 forms are with the plane including the build sheet from Cessna Always well taken care of and flown by owners pilot for 450 problem free hours in past 18 years of ownership. Always hangared by us since 2007 when purchased. Wing spare testing completed by Pro Av at KPHD All compressions above 76 and records for oil analysis since 2007 LONG RANGE TANKS 60 GAL Useful load 874lbs
Airframe Details:	2315 total airframe time
Engine Detail	Lyc 360 4 cylinder 180 HP with C/S. Prop All compressions above 76 and records for oil analysis since 2007
Avionics	2 king 155 radios, one with G/S and one LOC 1 king 64 DME S-tech 30 auto pilot with heading bug only Univoix wing beacon for ADS-B
Exterior	All original exterior paint 6.5 A (GOOD AIRCRAFT DETAIL) WOULD MAKE HER SHINE

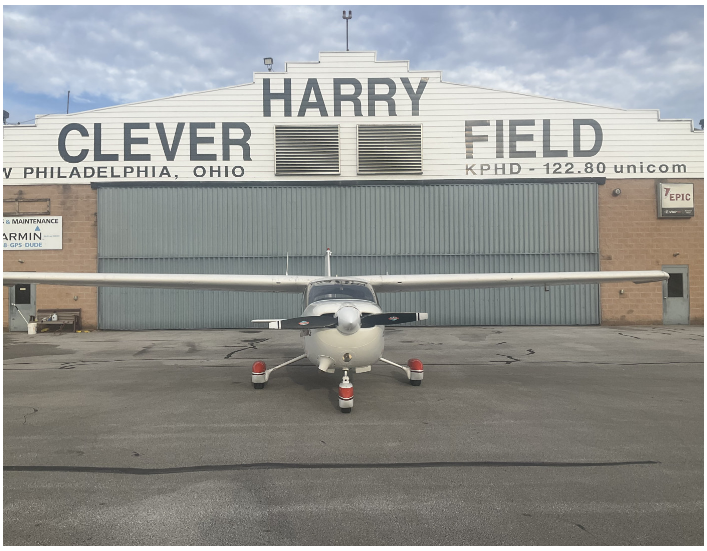
Interior:	All original white leather seats 7.5 plastics panels has some cracks
Maintenance:	All STC and 337 forms are with the plane including the build sheet from Cessna Always well taken care of and flown by owners pilot for 450 problem free hours in past 18 years of ownership. Always hangared by us since 2007 when purchased. (Wing spare testing completed by Pro Av at KPHD)
Addition Features, Equipment or Comments	THIS BIRD NEEDS TO GO TO A GOOD HOME TO SOMEONE WHO IS GOING TO TAKE CARE OF HER AND MAKE HER THERE OWN (More logbook documents available upon request)

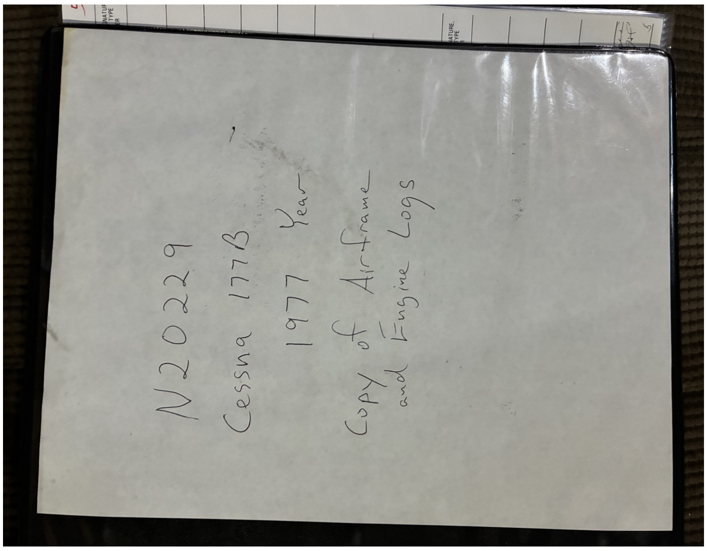
Broker

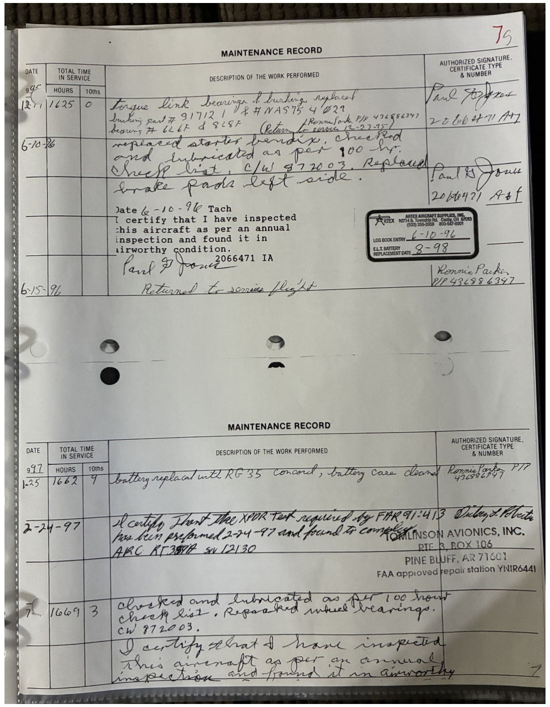
Name	Vaughn West
Email:	vaughn.w@usaaircraft.com
Designation	Area Aircraft Broker
Address	185 Miles Ave NW Canton, OH 44708, Canton, OH 44708 United States
Telephone:	(330) 445-9583
Mobile:	330-445-9583
Skype:	-

Images

Exterior







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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
95 12-11	1625	0	torque link bearings & bushing replaced bushing part # 31712 1 & # NAS75 4 Ø29 bearing # 626F & 828F (Return to service 12-27-95) (Ronnie Park. P/P 436886347)	Paul G Jones 2066471 A+P
6-10-96			replaced starter bendix, checked and lubricated as per 100 hr. check list, C/W 872003. Replaced brake pads left side.	Paul G Jones 2066471 A+P
			Date 6-10-96 Tach I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition. Paul G Jones 2066471 IA	
6-15-96			Returned to service flight	Ronnie Packer P/P 436886347

ARTEX AIRCRAFT SUPPLIES, INC.
10714 S. Township Rd. Canby, OR 97013
(503) 266-3959 800-547-8901
LOG BOOK ENTRY 6-10-96
E.L.T. BATTERY REPLACEMENT DATE 8-98

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
97 1-25	1662	9	battery replaced with RG 35 concord, battery case cleaned	Ronnie Parker P/P 436886347
2-24-97			I certify that the XPDR test required by FAR 91:413 has been preformed 2-24-97 and found to comply. ARC RT359A sn 12130	Dickey L. Roberts
7-	1669	3	checked and lubricated as per 100 hour check list. Repacked wheel bearings. CW 872003.	
			I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy	

TOMLINSON AVIONICS, INC.
RTE. 3, BOX 106
PINE BLUFF, AR 71601
FAA approved repair station YNIR644I

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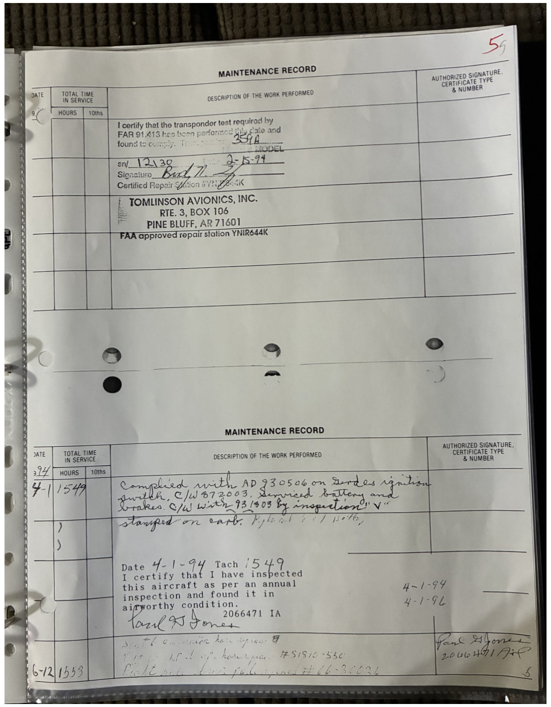

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
9			I certify that the transponder test required by FAR 91.413 has been performed this date and found to comply. Transponder 359A MAKE & MODEL sn/ 12130 Date 2-15-94 Signature Brady N. Terry Certified Repair Station #YNIR644K	

TOMLINSON AVIONICS, INC.
RTE. 3, BOX 106
PINE BLUFF, AR 71601
FAA approved repair station YNIR644K

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
94 4-1	1549		Complied with AD 930506 on Gerdes ignition switch, C/W 872003. Serviced battery and brakes. C/W with 931803 by inspection "V" stamped on carb. Replaced [illegible] battery	
			Date 4-1-94 Tach 1549 I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition. Paul G Jones 2066471 IA	4-1-94 4-1-96
6-12	1553		[illegible] #S1810-550 [illegible] #66-30026	Paul G Jones 2066471 A+P

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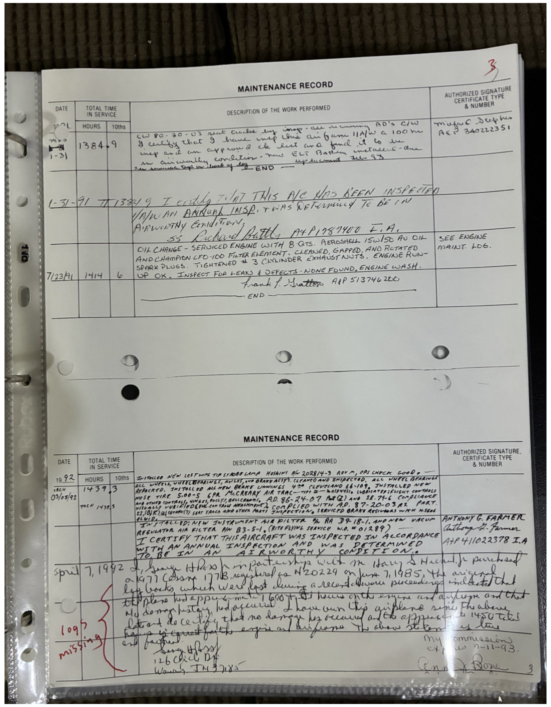

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
1991 1-31	1384	9	CW 80-20-03 seat tracks by insp. - all recurring AD's C/W. I certify that I have insp this airframe IAW a 100 hr insp and an approved ck list and found it to be in airworthy condition - new ELT Battery installed - due replacement Feb-93. See recurring [illegible] in back of log — END —	Michael Stephens A&P 340222351
1-31-91	TT 1384.9		I certify that this A/C has been inspected IAW an ANNUAL INSP. & was determined to be in airworthy condition. SS Richard Battles A&P 1787400 I.A.	
7/23/91	1414	6	OIL CHANGE - SERVICED ENGINE WITH 8 QTS. AEROSHELL 15W/50 AV OIL AND CHAMPION CFO-100 FILTER ELEMENT. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. TIGHTENED # 3 CYLINDER EXHAUST NUTS. ENGINE RUN-UP OK. INSPECT FOR LEAKS & DEFECTS - NONE FOUND. ENGINE WASH. Frank L. Gratton A&P 513746200 END	SEE ENGINE MAINT. LOG.

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
1992 TACH 03/05/92	1439 TACH 1439	3 3	INSTALLED NEW LEFT WING TIP STROBE LAMP HOSKINS P/N 202814-3 REV M, OPS CHECK GOOD. ALL WHEELS, WHEEL BEARINGS, AXLES, AND BRAKE ASSYS. CLEANED AND INSPECTED. ALL WHEEL BEARINGS REPACKED. INSTALLED ALL NEW BRAKE LININGS 4 EA CLEVELAND 66-109. INSTALLED NEW NOSE TIRE 5.00-5 6PR McCREARY AIR TRAC TYPE III MASD4451. LUBRICATED: FLIGHT CONTROLS AND OTHER CONTROLS, HINGES, PULLYS, BELLCRANKS. A.D. 86-24-07 PART (2) AND S.E. 79-6 COMPLIANCE VISUALLY VERIFIED (ENG. CONTROLS ATTACHMENT). COMPLIED WITH A.D. 87-20-03 R2 PART II, (B)(K), (2)(i) THRU (7) SEAT TRACK AND OTHER PARTS INSPECTION. SERVICED BRAKE RESIVOIRS WITH H5606 FLUID.	
			INSTALLED: NEW INSTRUMENT AIR FILTER P/N RA D9-18-1. AND NEW VACUM REGULATOR AIR FILTER P/N B3-5-1. (RITE FLYING SERVICE W.O. # 01289) I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.	ANTHONY G. FARMER Anthony G. Farmer A+P 411022378 I.A
April 7, 1992			I, George H Ross Jr in partnership with Mr. Harry S. Hackett Jr purchased a 1977 Cessna 177B, registered as N20229 on June 7, 1985. The original log books which were lost during a recent divorce proceedings indicated that the plane had approximately 1690 total hours on the engine and airframe and that no damage history had occurred. I have own this airplane since the above date and do certify that no damage has occurred and the approximate 1450 total hours is correct for the engine and airframe. The above statement is true and factual. George H Ross Jr 126 Circle Dr Waverly, TN 37185	My commission expires 7-11-93. Ginny J. Bone

logs missing

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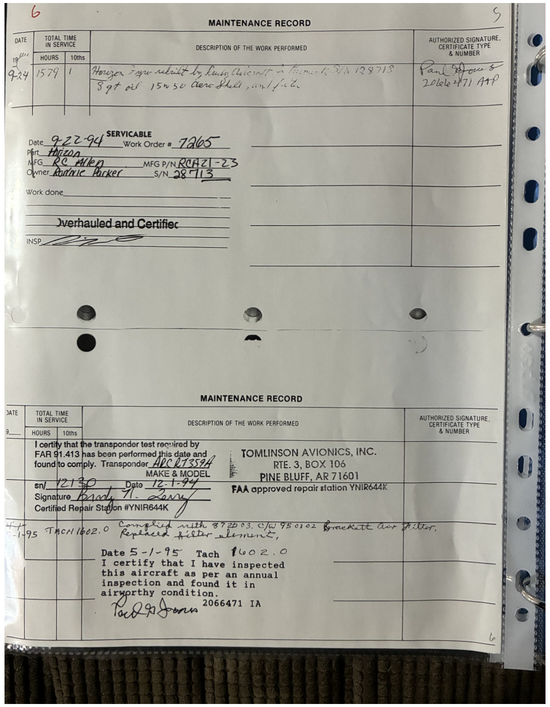

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
19 9-24	1579	1	Horizon gyro rebuilt by [illegible] Aircraft [illegible] S/N 128713 8 qt oil 15w50 Aero Shell, and filter	Paul G Jones 2066471 A+P

SERVICABLE
Date 9-22-94 Work Order # 7265
Part Horizon
MFG RC Allen MFG P/N RCA21-23
Owner Ronnie Parker S/N 28713
Work done
Overhauled and Certified
INSP

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
19			I certify that the transponder test required by FAR 91.413 has been performed this date and found to comply. Transponder ARC RT359A MAKE & MODEL sn/ 12130 Date 12-1-94 Signature Brady N. Terry Certified Repair Station #YNIR644K	
5-1-95	TACH 1602.0		Complied with 872003. C/W 950302 Brackett Air Filter. Replaced filter element.	
			Date 5-1-95 Tach 1602.0 I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition. Paul G Jones 2066471 IA	

TOMLINSON AVIONICS, INC.
RTE. 3, BOX 106
PINE BLUFF, AR 71601
FAA approved repair station YNIR644K

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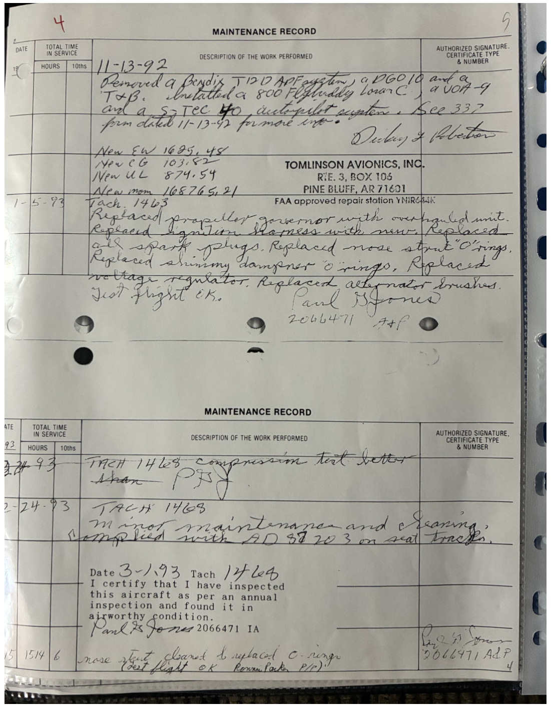

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
19			11-13-92 Removed a Bendix T12D ADF system, a DG010 and a T&B. Installed a 800 Flybuddy Loran C, a VOR-9 and a S-TEC 40 autopilot system. See 337 form dated 11-13-92 for more info. Dickey L Roberts New EW 1625.48 New CG 103.82 New UL 874.54 New mom 168765.21	
1-5-93			Tach 1463 Replaced propeller governor with overhauled unit. Replaced ignition harness with new. Replaced all spark plugs. Replaced nose strut "O" rings. Replaced shimmy dampner "O" rings. Replaced voltage regulator. Replaced alternator brushes. Test flight OK. Paul G Jones 2066471 A+P	

TOMLINSON AVIONICS, INC.
RTE. 3, BOX 106
PINE BLUFF, AR 71601
FAA approved repair station YNIR644K

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
93 2-24-93			TACH 1468 compression test better than PBJ	
2-24-93			TACH 1468 minor maintenance and cleaning. Complied with AD 87 20 3 on seat tracks.	
			Date 3-1-93 Tach 1468 I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition. Paul G Jones 2066471 IA	
15	1514	6	nose strut cleaned & replaced O-rings (test flight OK Ronnie Parker P/P)	Paul G Jones 2066471 A&P

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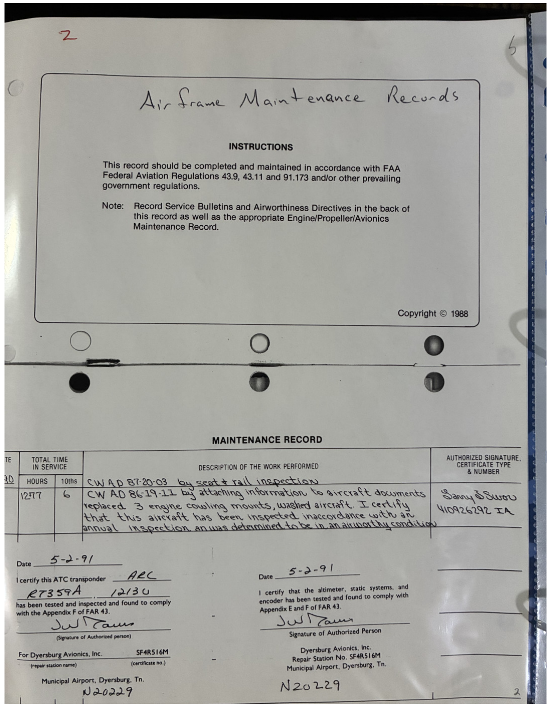

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Air frame Maintenance Records

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

Note: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the appropriate Engine/Propeller/Avionics Maintenance Record.

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
90	1277	6	CW AD 87-20-03 by seat & rail inspection CW AD 86-19-11 by attaching information to aircraft documents replaced 3 engine cowling mounts, washed aircraft. I certify that this aircraft has been inspected inaccordance with an annual inspection an was determined to be in an airworthy condition	Sanny J Swor 410926292 IA

Date 5-2-91
I certify this ATC transponder ARC RT359A 12130 has been tested and inspected and found to comply with the Appendix F of FAR 43.
J W [illegible]
(Signature of Authorized person)
For Dyersburg Avionics, Inc. SF4R516M
(repair station name) (certificate no.)
Municipal Airport, Dyersburg, Tn.
N20229

Date 5-2-91
I certify that the altimeter, static systems, and encoder has been tested and found to comply with Appendix E and F of FAR 43.
J W [illegible]
Signature of Authorized Person
Dyersburg Avionics, Inc.
Repair Station No. SF4R516M
Municipal Airport, Dyersburg, Tn.
N20229

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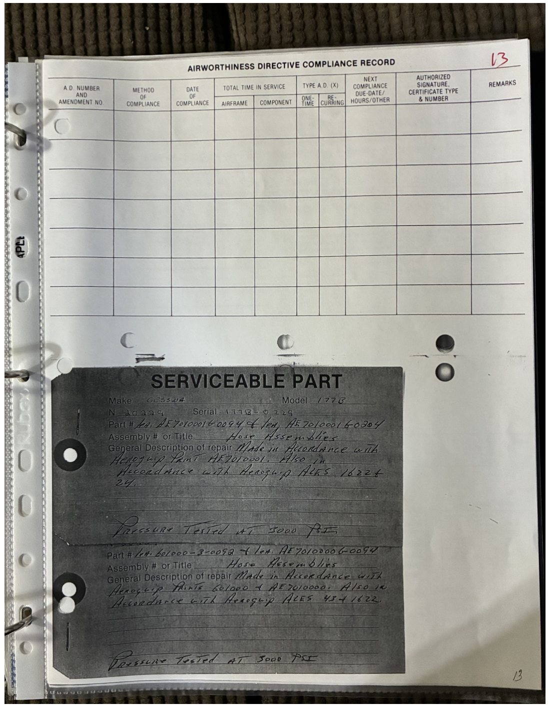

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AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

A.D. NUMBER AND AMENDMENT NO.	METHOD OF COMPLIANCE	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE: AIRFRAME	TOTAL TIME IN SERVICE: COMPONENT	TYPE A.D. (X): ONE-TIME	TYPE A.D. (X): RE-CURRING	NEXT COMPLIANCE DUE-DATE/HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS

SERVICEABLE PART

Make CESSNA Model 177B
N 20229 Serial 177B-0229
Part # 1 ea. AE701000160094 & 1 ea. AE701000160204
Assembly # or Title Hose Assemblies
General Description of repair Made in Accordance with Aeroquip Print AE7010001. Also in Accordance with Aeroquip ACES 1622 & 24.

Pressure Tested AT 3000 PSI

Part # 1 ea. 601000-3-0092 & 1 ea. AE701000060094
Assembly # or Title Hose Assemblies
General Description of repair Made in Accordance with Aeroquip Prints 601000 & AE7010000. Also in Accordance with Aeroquip ACES 43 & 1622.

Pressure Tested AT 3000 PSI

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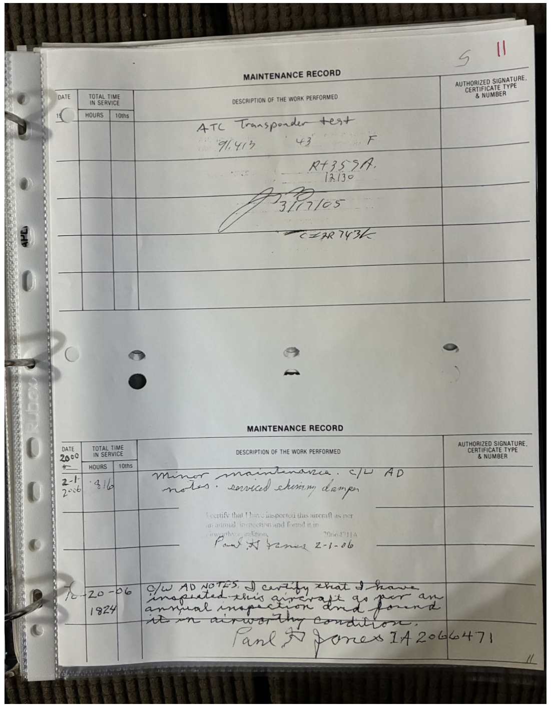

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MAINTENANCE RECORD

DATE 19	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			ATC Transponder test 91.413 43 F RT359A. 12130 3/17/05 CZ2R743K	

MAINTENANCE RECORD

DATE 2000	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
2-1-2006	1816		Minor maintenance. C/W AD notes. serviced shimmy damper I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition. 2066471IA Paul D Jones 2-1-06	
10-20-06	1824		C/W AD NOTES. I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition. Paul D Jones IA 2066471	

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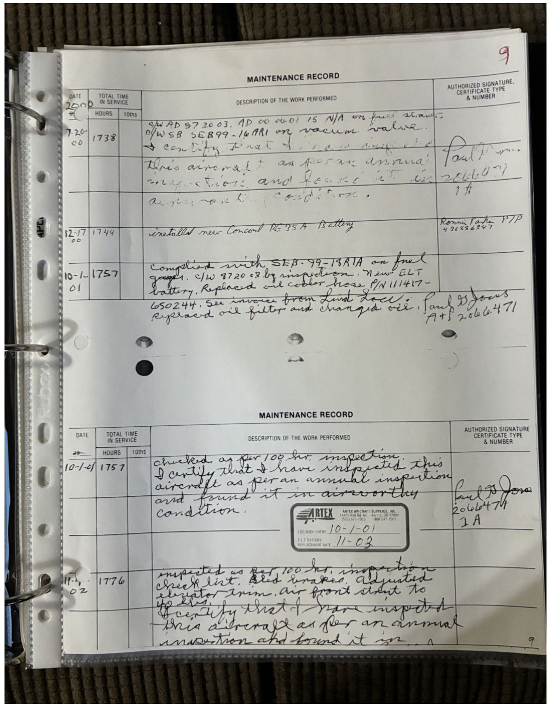

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MAINTENANCE RECORD

DATE 2000	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
7-20-00	1738		C/W AD 87 20 03. AD 00 06 01 IS N/A on fuel strainer. C/W SB SEB99-16AR1 on vacum valve. I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition.	Paul D Jones 2066471 IA
12-17-00	1744		installed new Concord RG35A Battery	Ronnie Parker P/P 436886347
10-1-01	1757		Complied with SEB-99-18R1A on fuel gauges. C/W 87 20 03 by inspection. New ELT battery. Replaced oil cooler hose P/N 111417-650244. See invoice from Lind Lacy. Replaced oil filter and changed oil.	Paul D Jones A+I 2066471

MAINTENANCE RECORD

DATE 19	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
10-1-01	1757		checked as per 100 hr. inspection. I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition.	Paul D Jones 2066471 IA
			ARTEX ARTEX AIRCRAFT SUPPLIES, INC. 14405 Keil Rd. NE Aurora, OR 97002 (503) 678-7929 800-547-8901 LOG BOOK ENTRY 10-1-01 E.L.T. BATTERY REPLACEMENT DATE 11-03	
11-[illegible]-02	1776		inspected as per 100 hr. inspection check list. Bled brakes. Adjusted elevator trim. air front strut to 40 lbs. I certify that I have inspected this aircraft as per an annual inspection and found it in	

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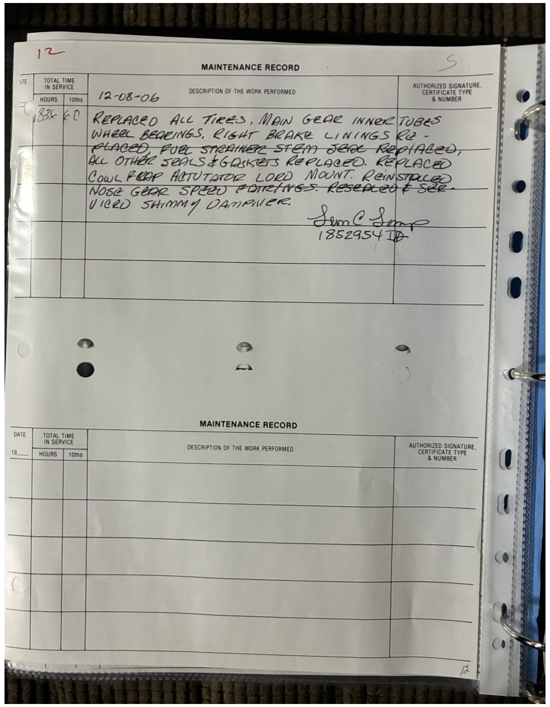

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			12-08-06	
	1836	60	REPLACED ALL TIRES, MAIN GEAR INNER TUBES WHEEL BEARINGS, RIGHT BRAKE LININGS RE-PLACED, FUEL STRAINER STEM SEAL REPLACED, ALL OTHER SEALS & GASKETS REPLACED. REPLACED COWL FLAP ACTUTATOR LORD MOUNT. REINSTALLED NOSE GEAR SPEED FAIRINGS. RESEALED & SERVICED SHIMMY DAMPNER. Sam C Somp 1852954 IA	

MAINTENANCE RECORD

DATE 19	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

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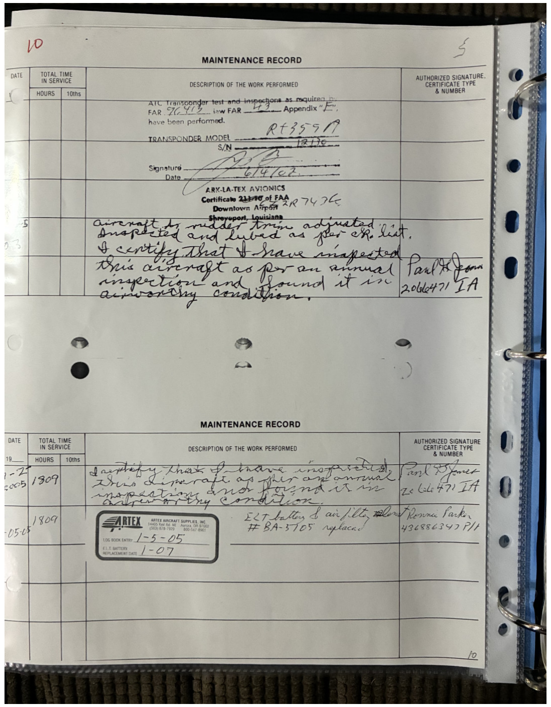

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MAINTENANCE RECORD

DATE 19	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			ATC Transponder test and inspections as required by FAR 91.413 iaw FAR 43 Appendix "F", have been performed. TRANSPONDER MODEL RT359A S/N 12130 Signature Date 6/14/02 ARK-LA-TEX AVIONICS Certificate ~~211-16~~ CZ2R743K of FAA Downtown Airport Shreveport, Louisiana	
[illegible]-5-03			aircraft ls rudder trim adjusted inspected and lubed as per ck. list. I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition.	Paul D Jones 2066471 IA

MAINTENANCE RECORD

DATE 19	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
1-2-2005	1809		I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition.	Paul D Jones 2066471 IA
1-05-05	1809		ELT battery & air filter element #BA-3705 replaced ARTEX ARTEX AIRCRAFT SUPPLIES, INC. 14405 Keil Rd. NE Aurora, OR 97002 (503) 678-7929 800-547-8901 LOG BOOK ENTRY 1-5-05 E.L.T. BATTERY REPLACEMENT DATE 1-07	Ronnie Parker 436886347 P/P

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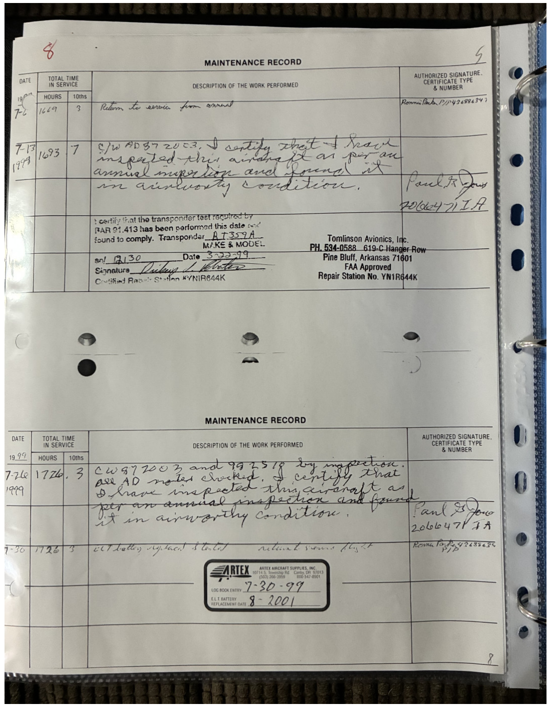

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MAINTENANCE RECORD

DATE 1999	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
7-2	1669	3	Return to service from annual	Ronnie Parker P/P 436886347
7-13-1999	1693	7	C/W AD 87 20 03. I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition.	Paul D Jones 2066471 I.A
			I certify that the transponder test required by FAR 91.413 has been performed this date and found to comply. Transponder AT359A MAKE & MODEL sn/ 12130 Date 3-22-99 Signature Certified Repair Station #YN1R644K Tomlinson Avionics, Inc. PH. 534-0588 619-C Hanger Row Pine Bluff, Arkansas 71601 FAA Approved Repair Station No. YN1R644K	

MAINTENANCE RECORD

DATE 1999	TOTAL TIME IN SERVICE: HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
7-26-1999	1726	.3	CW 87 20 03 and 99 25 19 by inspection. All AD notes checked. I certify that I have inspected this aircraft as per an annual inspection and found it in airworthy condition.	Paul D Jones 2066471 IA
7-30	1726	3	ELT battery replaced & tested return to service flight ARTEX ARTEX AIRCRAFT SUPPLIES, INC. 10714 S. Township Rd. Canby, OR 97013 (503) 266-3959 800-547-8901 LOG BOOK ENTRY 7-30-99 E.L.T. BATTERY REPLACEMENT DATE 8-2001	Ronnie Parker 436886347 P/P

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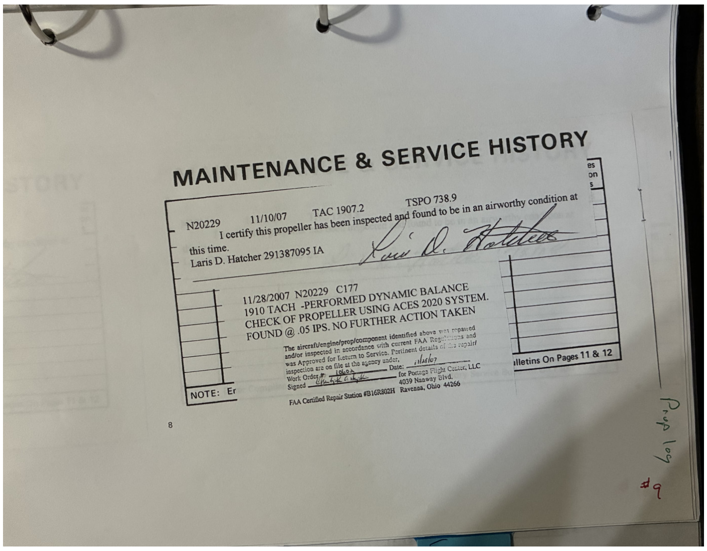

MAINTENANCE & SERVICE HISTORY

N20229 11/10/07 TAC 1907.2 TSPO 738.9
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA

11/28/2007 N20229 C177
1910 TACH -PERFORMED DYNAMIC BALANCE CHECK OF PROPELLER USING ACES 2020 SYSTEM. FOUND @ .05 IPS. NO FURTHER ACTION TAKEN

The aircraft/engine/prop/component identified above was repaired and/or inspected in accordance with current FAA Regulations and was Approved for Return to Service. Pertinent details of the repair/inspection are on file at the agency under,
Work Order # 10602 Date: 11/28/07
Signed for Portage Flight Center, LLC
4039 Nanway Blvd.
Ravenna, Ohio 44266
FAA Certified Repair Station #B16R802H

NOTE: En

lletins On Pages 11 & 12

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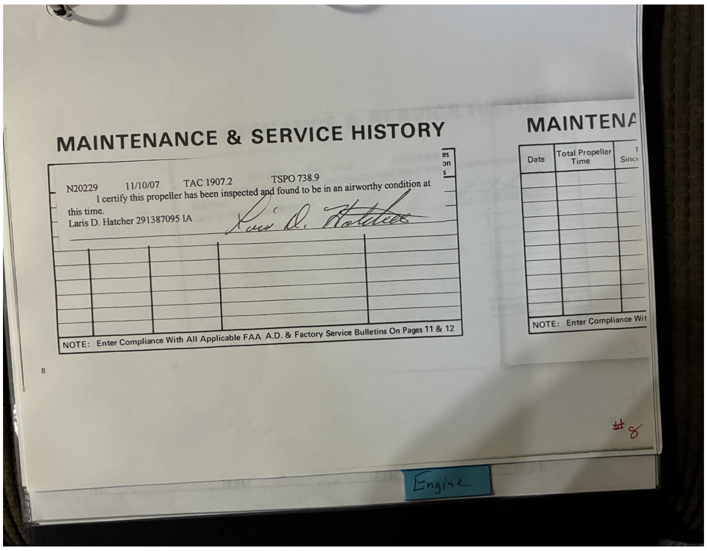
Prop log

#9



MAINTENANCE & SERVICE HISTORY

N20229 11/10/07 TAC 1907.2 TSPO 738.9
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA

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

8

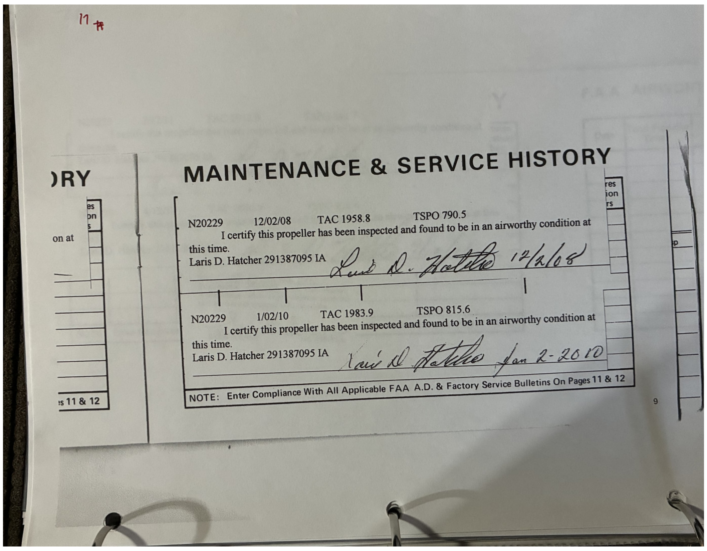
MAINTENA

Date	Total Propeller Time	Since

NOTE: Enter Compliance Wit

#8

Engine



11#

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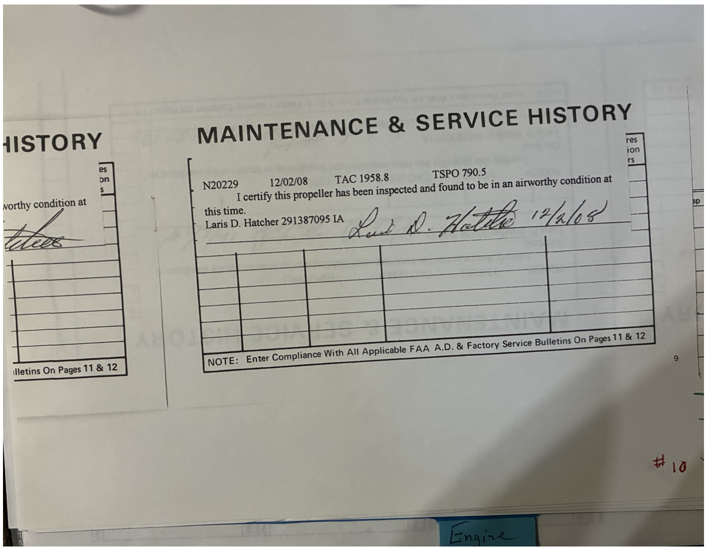
MAINTENANCE & SERVICE HISTORY

N20229 12/02/08 TAC 1958.8 TSPO 790.5
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA 12/2/08

N20229 1/02/10 TAC 1983.9 TSPO 815.6
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Jan 2-2010

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

9



HISTORY

worthy condition at

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MAINTENANCE & SERVICE HISTORY

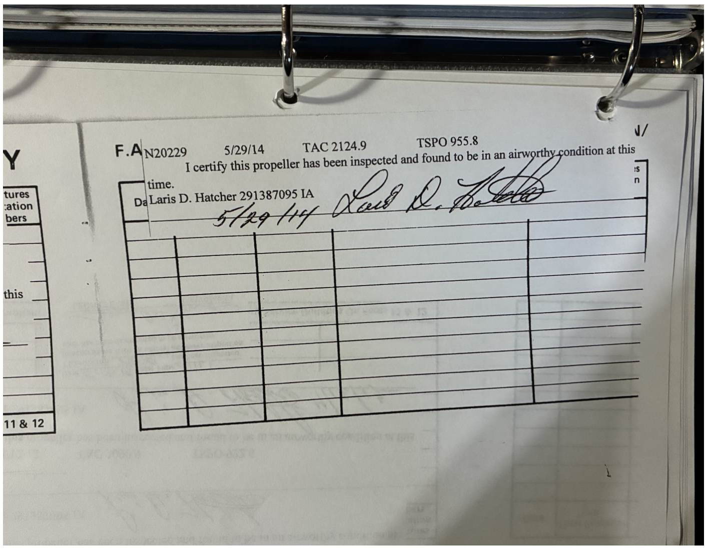
N20229 12/02/08 TAC 1958.8 TSPO 790.5
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA 12/2/08

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

9

#10

Engine



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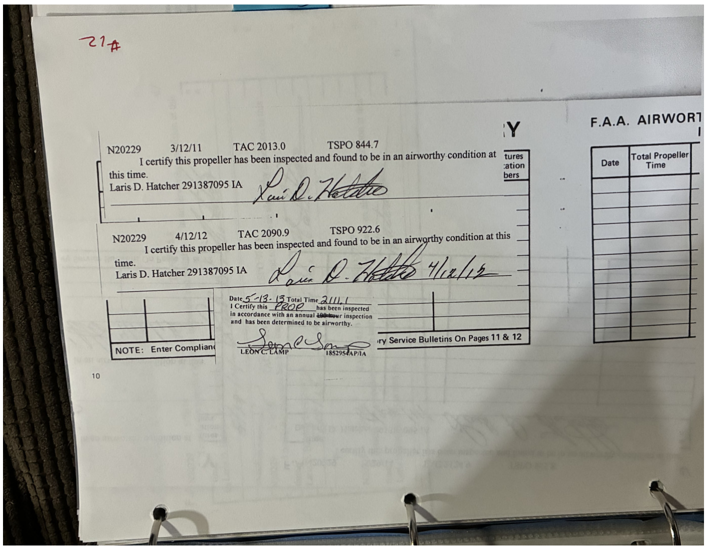
11 & 12

F.A

N20229 5/29/14 TAC 2124.9 TSPO 955.8
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA
5/29/14



21#

N20229 3/12/11 TAC 2013.0 TSPO 844.7
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA

N20229 4/12/12 TAC 2090.9 TSPO 922.6
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA 4/12/12

Date 5-13-13 Total Time 2111.1
I Certify this PROP has been inspected in accordance with an annual ~~100 hour~~ inspection and has been determined to be airworthy.
LEON C. LAMP 1852954AP/IA

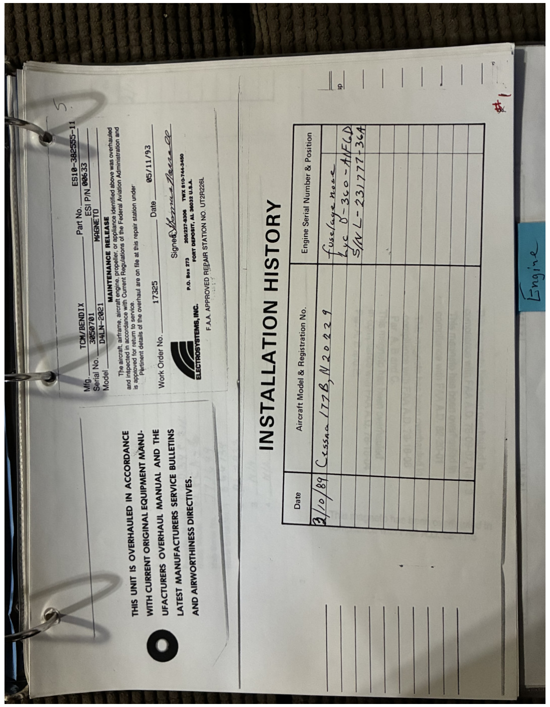
NOTE: Enter Complian

ry Service Bulletins On Pages 11 & 12

10

F.A.A. AIRWORT

Date	Total Propeller Time



5

THIS UNIT IS OVERHAULED IN ACCORDANCE WITH CURRENT ORIGINAL EQUIPMENT MANUFACTURERS OVERHAUL MANUAL AND THE LATEST MANUFACTURERS SERVICE BULLETINS AND AIRWORTHINESS DIRECTIVES.

Mfg. TCM/BENDIX Part No. ES10-382555-11
Serial No. 3050701 ESI P/N 00633
Model D4LN-2021 MAGNETO

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was overhauled and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to service.
Pertinent details of the overhaul are on file at this repair station under:

Work Order No. 17325 Date 05/11/93

Signed

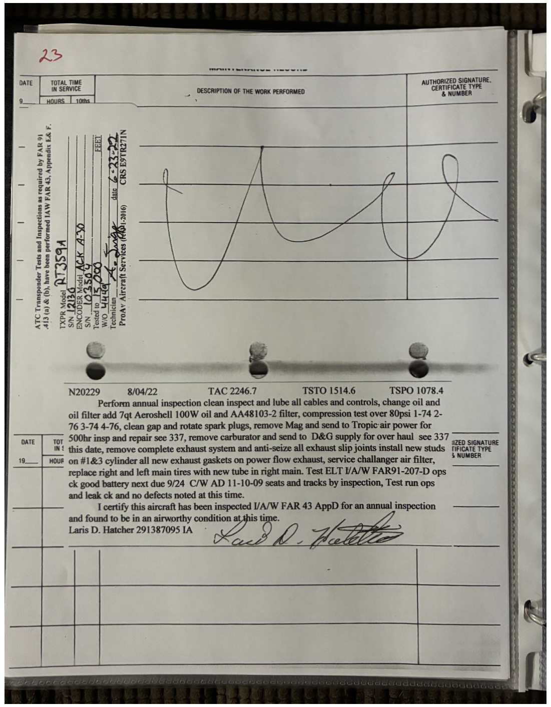
ELECTROSYSTEMS, INC.
P.O. Box 273 205/227-8306 TWX 810-744-3450
FORT DEPOSIT, AL 36032 U.S.A.
F.A.A. APPROVED REPAIR STATION NO. UT2R226L

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Position
3/10/89	Cessna 177B, N20229	fuselage nose Lyc O-360-A1F6D S/N L-231777-36A

#1

Engine



23

MAINTENANCE RECORD

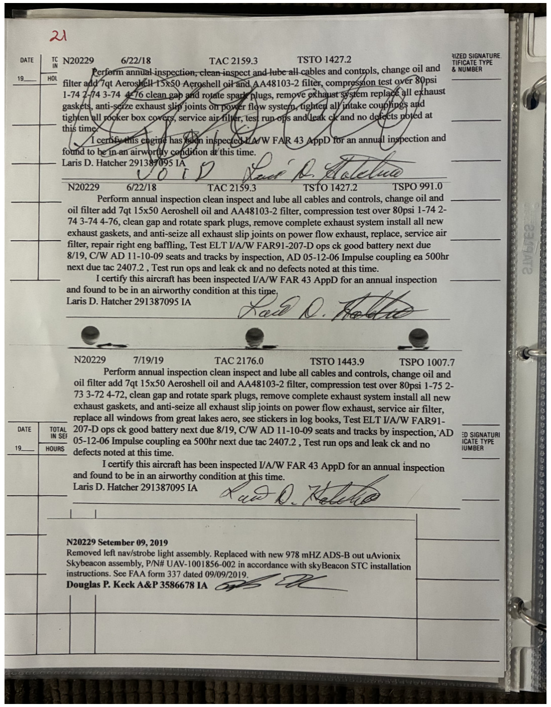
DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

ATC Transponder Tests and Inspections as required by FAR 91 .413 (a) & (b), have been performed IAW FAR 43, Appendix E& F.
TXPR Model RT359A
S/N 12130
ENCODER Model ACK A-30
S/N 103504
Tested to 15,000 FEET
W/O 4449
Technician date 6-23-22
ProAv Aircraft Services (rev3-1-2016) CRS E9TR271N

N20229 8/04/22 TAC 2246.7 TSTO 1514.6 TSPO 1078.4

Perform annual inspection clean inspect and lube all cables and controls, change oil and oil filter add 7qt Aeroshell 100W oil and AA48103-2 filter, compression test over 80psi 1-74 2-76 3-74 4-76, clean gap and rotate spark plugs, remove Mag and send to Tropic air power for 500hr insp and repair see 337, remove carburator and send to D&G supply for over haul see 337 this date, remove complete exhaust system and anti-seize all exhaust slip joints install new studs on #1&3 cylinder all new exhaust gaskets on power flow exhaust, service challanger air filter, replace right and left main tires with new tube in right main. Test ELT I/A/W FAR91-207-D ops ck good battery next due 9/24 C/W AD 11-10-09 seats and tracks by inspection, Test run ops and leak ck and no defects noted at this time.

I certify this aircraft has been inspected I/A/W FAR 43 AppD for an annual inspection and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher



21

N20229 6/22/18 TAC 2159.3 TSTO 1427.2

Perform annual inspection, clean inspect and lube all cables and controls, change oil and filter add 7qt Aeroshell 15x50 Aeroshell oil and AA48103-2 filter, compression test over 80psi 1-74 2-74 3-74 4-76 clean gap and rotate spark plugs, remove exhaust system replace all exhaust gaskets, anti-seize exhaust slip joints on power flow system, tighten all intake couplings and tighten all rocker box covers, service air filter, test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR 43 AppD for an annual inspection and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA

VOID Laris D. Hatcher

N20229 6/22/18 TAC 2159.3 TSTO 1427.2 TSPO 991.0

Perform annual inspection clean inspect and lube all cables and controls, change oil and oil filter add 7qt 15x50 Aeroshell oil and AA48103-2 filter, compression test over 80psi 1-74 2-74 3-74 4-76, clean gap and rotate spark plugs, remove complete exhaust system install all new exhaust gaskets, and anti-seize all exhaust slip joints on power flow exhaust, replace, service air filter, repair right eng baffling, Test ELT I/A/W FAR91-207-D ops ck good battery next due 8/19, C/W AD 11-10-09 seats and tracks by inspection, AD 05-12-06 Impulse coupling ea 500hr next due tac 2407.2 , Test run ops and leak ck and no defects noted at this time.

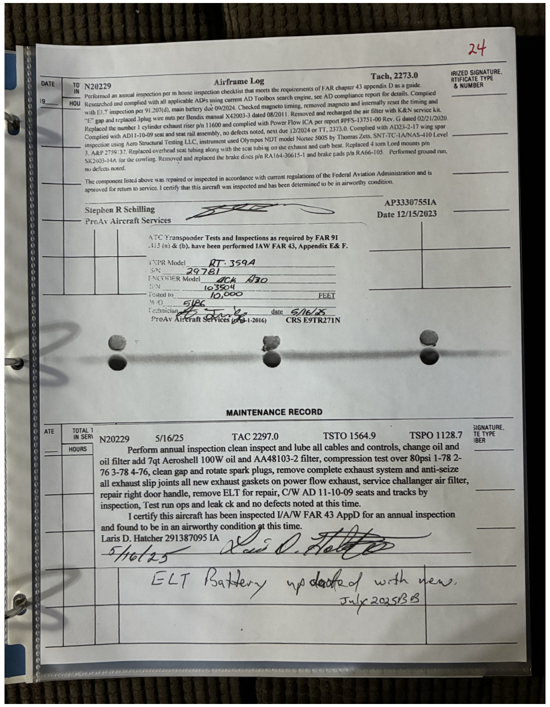
I certify this aircraft has been inspected I/A/W FAR 43 AppD for an annual inspection and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

N20229 7/19/19 TAC 2176.0 TSTO 1443.9 TSPO 1007.7

Perform annual inspection clean inspect and lube all cables and controls, change oil and oil filter add 7qt 15x50 Aeroshell oil and AA48103-2 filter, compression test over 80psi 1-75 2-73 3-72 4-72, clean gap and rotate spark plugs, remove complete exhaust system install all new exhaust gaskets, and anti-seize all exhaust slip joints on power flow exhaust, service air filter, replace all windows from great lakes aero, see stickers in log books, Test ELT I/A/W FAR91-207-D ops ck good battery next due 8/19, C/W AD 11-10-09 seats and tracks by inspection, AD 05-12-06 Impulse coupling ea 500hr next due tac 2407.2 , Test run ops and leak ck and no defects noted at this time.

I certify this aircraft has been inspected I/A/W FAR 43 AppD for an annual inspection and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

N20229 Setember 09, 2019
Removed left nav/strobe light assembly. Replaced with new 978 mHZ ADS-B out uAvionix Skybeacon assembly, P/N# UAV-1001856-002 in accordance with skyBeacon STC installation instructions. See FAA form 337 dated 09/09/2019.
Douglas P. Keck A&P 3586678 IA



24

N20229 **Airframe Log** **Tach, 2273.0**

Performed an annual inspection per in house inspection checklist that meets the requirements of FAR chapter 43 appendix D as a guide. Researched and complied with all applicable AD's using current AD Toolbox search engine, see AD compliance report for details. Complied with ELT inspection per 91.207(d), main battery due 09/2024. Checked magneto timing, removed magneto and internally reset the timing and "E" gap and replaced 3plug wire nuts per Bendix manual X42003-3 dated 08/2011. Removed and recharged the air filter with K&N service kit. Replaced the number 1 cylinder exhaust riser p/n 11600 and complied with Power Flow ICA per report #PFS-13751-00 Rev. G dated 02/21/2020. Complied with AD11-10-09 seat and seat rail assembly, no defects noted, next due 12/2024 or TT, 2373.0. Complied with AD23-2-17 wing spar inspection using Aero Structural Testing LLC, instrument used Olympus NDT model Nortec 500S by Thomas Zets, SNT-TC-1A/NAS-410 Level 3, A&P 2759137. Replaced overhead seat tubing along with the scat tubing on the exhaust and carb heat. Replaced 4 torn Lord mounts p/n SK2003-14A for the cowling. Removed and replaced the brake discs p/n RA164-30615-1 and brake pads p/n RA66-105. Performed ground run, no defects noted.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. I certify that this aircraft was inspected and has been determined to be in airworthy condition.

Stephen R Schilling **AP3330755IA**
ProAv Aircraft Services **Date 12/15/2023**

ATC Transponder Tests and Inspections as required by FAR 91 .413 (a) & (b), have been performed IAW FAR 43, Appendix E& F.
TXPR Model RT-359A
S/N 29781
ENCODER Model ACK A30
S/N 103504
Tested to 10,000 FEET
W/O 5186
Technician date 5/16/25
ProAv Aircraft Services (rev3-1-2016) CRS E9TR271N

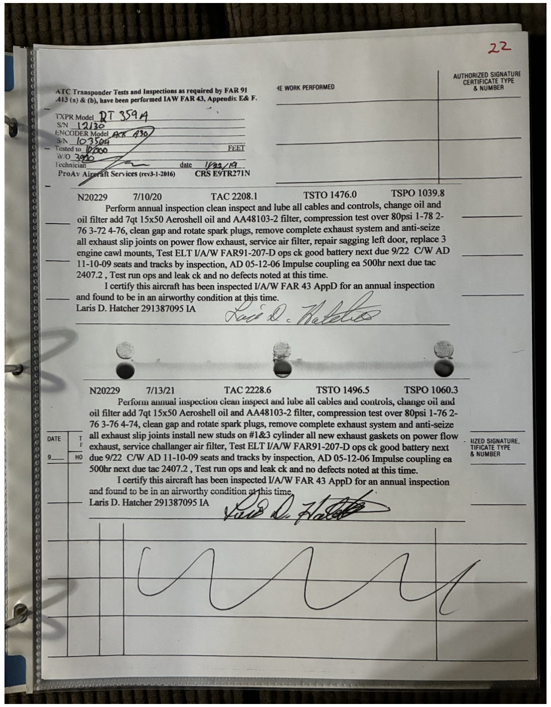
MAINTENANCE RECORD

N20229 5/16/25 TAC 2297.0 TSTO 1564.9 TSPO 1128.7

Perform annual inspection clean inspect and lube all cables and controls, change oil and oil filter add 7qt Aeroshell 100W oil and AA48103-2 filter, compression test over 80psi 1-78 2-76 3-78 4-76, clean gap and rotate spark plugs, remove complete exhaust system and anti-seize all exhaust slip joints all new exhaust gaskets on power flow exhaust, service challanger air filter, repair right door handle, remove ELT for repair, C/W AD 11-10-09 seats and tracks by inspection, Test run ops and leak ck and no defects noted at this time.

I certify this aircraft has been inspected I/A/W FAR 43 AppD for an annual inspection and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA
5/16/25 Laris D. Hatcher

ELT Battery updated with new.
July 2025 BB



22

	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

ATC Transponder Tests and Inspections as required by FAR 91 .413 (a) & (b), have been performed IAW FAR 43, Appendix E& F.
TXPR Model RT 359A
S/N 12130
ENCODER Model ACK A30
S/N 103504
Tested to 10,000 FEET
W/O 3900
Technician date 1/22/19
ProAv Aircraft Services (rev3-1-2016) CRS E9TR271N

N20229 7/10/20 TAC 2208.1 TSTO 1476.0 TSPO 1039.8

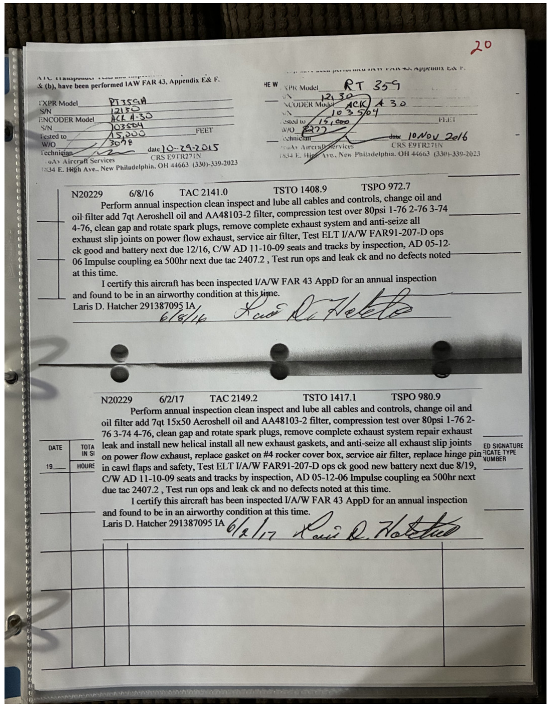
Perform annual inspection clean inspect and lube all cables and controls, change oil and oil filter add 7qt 15x50 Aeroshell oil and AA48103-2 filter, compression test over 80psi 1-78 2-76 3-72 4-76, clean gap and rotate spark plugs, remove complete exhaust system and anti-seize all exhaust slip joints on power flow exhaust, service air filter, repair sagging left door, replace 3 engine cawl mounts, Test ELT I/A/W FAR91-207-D ops ck good battery next due 9/22 C/W AD 11-10-09 seats and tracks by inspection, AD 05-12-06 Impulse coupling ea 500hr next due tac 2407.2 , Test run ops and leak ck and no defects noted at this time.

I certify this aircraft has been inspected I/A/W FAR 43 AppD for an annual inspection and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

N20229 7/13/21 TAC 2228.6 TSTO 1496.5 TSPO 1060.3

Perform annual inspection clean inspect and lube all cables and controls, change oil and oil filter add 7qt 15x50 Aeroshell oil and AA48103-2 filter, compression test over 80psi 1-76 2-76 3-76 4-74, clean gap and rotate spark plugs, remove complete exhaust system and anti-seize all exhaust slip joints install new studs on #1&3 cylinder all new exhaust gaskets on power flow exhaust, service challanger air filter, Test ELT I/A/W FAR91-207-D ops ck good battery next due 9/22 C/W AD 11-10-09 seats and tracks by inspection, AD 05-12-06 Impulse coupling ea 500hr next due tac 2407.2 , Test run ops and leak ck and no defects noted at this time.

I certify this aircraft has been inspected I/A/W FAR 43 AppD for an annual inspection and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher



20

& (b), have been performed IAW FAR 43, Appendix E& F.
TXPR Model RT359A
S/N 12130
ENCODER Model ACK A-30
S/N 103504
Tested to 15,000 FEET
W/O 3078
Technician date 10-29-2015
oAv Aircraft Services CRS E9TR271N
834 E. High Ave., New Philadelphia, OH 44663 (330)-339-2023

been performed IAW FAR 43, Appendix E& F.
XPR Model RT 359
S/N 12130
NCODER Model ACK A 30
S/N 103504
ested to 15,000 FEET
W/O 8277
echnician date 10 NOV 2016
oAv Aircraft Services CRS E9TR271N
834 E. High Ave., New Philadelphia, OH 44663 (330)-339-2023

N20229 6/8/16 TAC 2141.0 TSTO 1408.9 TSPO 972.7

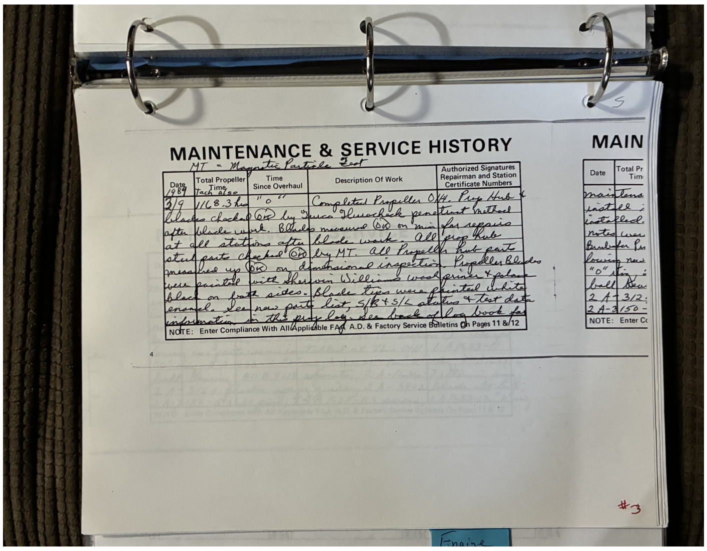
Perform annual inspection clean inspect and lube all cables and controls, change oil and oil filter add 7qt Aeroshell oil and AA48103-2 filter, compression test over 80psi 1-76 2-76 3-74 4-76, clean gap and rotate spark plugs, remove complete exhaust system and anti-seize all exhaust slip joints on power flow exhaust, service air filter, Test ELT I/A/W FAR91-207-D ops ck good and battery next due 12/16, C/W AD 11-10-09 seats and tracks by inspection, AD 05-12-06 Impulse coupling ea 500hr next due tac 2407.2 , Test run ops and leak ck and no defects noted at this time.

I certify this aircraft has been inspected I/A/W FAR 43 AppD for an annual inspection and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA
6/8/16 Laris D. Hatcher

N20229 6/2/17 TAC 2149.2 TSTO 1417.1 TSPO 980.9

Perform annual inspection clean inspect and lube all cables and controls, change oil and oil filter add 7qt 15x50 Aeroshell oil and AA48103-2 filter, compression test over 80psi 1-76 2-76 3-74 4-76, clean gap and rotate spark plugs, remove complete exhaust system repair exhaust leak and install new helical install all new exhaust gaskets, and anti-seize all exhaust slip joints on power flow exhaust, replace gasket on #4 rocker cover box, service air filter, replace hinge pin in cawl flaps and safety, Test ELT I/A/W FAR91-207-D ops ck good new battery next due 8/19, C/W AD 11-10-09 seats and tracks by inspection, AD 05-12-06 Impulse coupling ea 500hr next due tac 2407.2 , Test run ops and leak ck and no defects noted at this time.

I certify this aircraft has been inspected I/A/W FAR 43 AppD for an annual inspection and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA 6/2/17 Laris D. Hatcher



MAINTENANCE & SERVICE HISTORY

MT = Magnetic Particle Test

Date 1989	Total Propeller Time Tach also	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers

3/9 1168.3 hrs "0" Completed Propeller O/H. Prop Hub &
blades checked OK by Turco Fluochek penetrant method
after blade work. Blades measured OK on min for repairs
at all stations after blade work. All prop hub
steel parts checked OK by MT. All Propeller hub parts
measured up OK on dimensional inspection. Propeller Blades
were painted with Sherwin Williams wash primer & polane
black on both sides. Blade tips were painted white
enamel. See new parts list, S/B & S/L status & test data
information in this prop log. See back of log book for

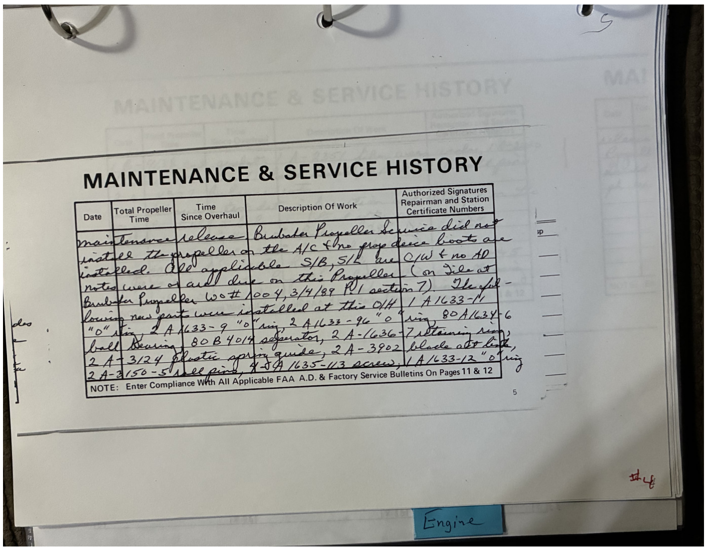
NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

4

S

#3

Engine



MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers

maintenance release. Brubaker Propeller Service did not
install the propeller on the A/C & no prop deice boots are
installed. All applicable S/B, S/L are C/W & no AD
notes were or are due on this Propeller (on file at
Brubaker Propeller WO# 1004, 3/4/89 P.1 section 7). The fol-
lowing new parts were installed at this O/H 1 A1633-11
"0" ring, 2 A1633-9 "0" ring, 2 A1633-96 "0" ring, 80 A1634-6
ball bearing, 80 B4014 separator, 2 A-1636-7 retaining ring,
2 A-3124 plastic spring guide, 2 A-3902 blade att link,
2 A-3150-5 roll pins, 4 A1635-113 screw, 1 A1633-12 "0" ring

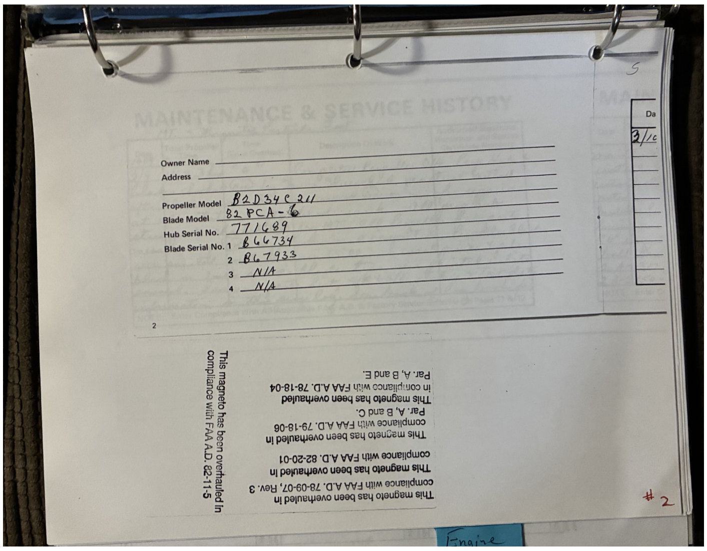
NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

5

S

#4

Engine



Owner Name
Address

Propeller Model B2D34C211
Blade Model 82PCA-6
Hub Serial No. 771689
Blade Serial No. 1 B66734
2 B67933
3 N/A
4 N/A

2

This magneto has been overhauled in compliance with FAA A.D. 78-09-07, Rev. 3

This magneto has been overhauled in compliance with FAA A.D. 82-20-01

This magneto has been overhauled in compliance with FAA A.D. 79-18-06 Par. A, B and C.

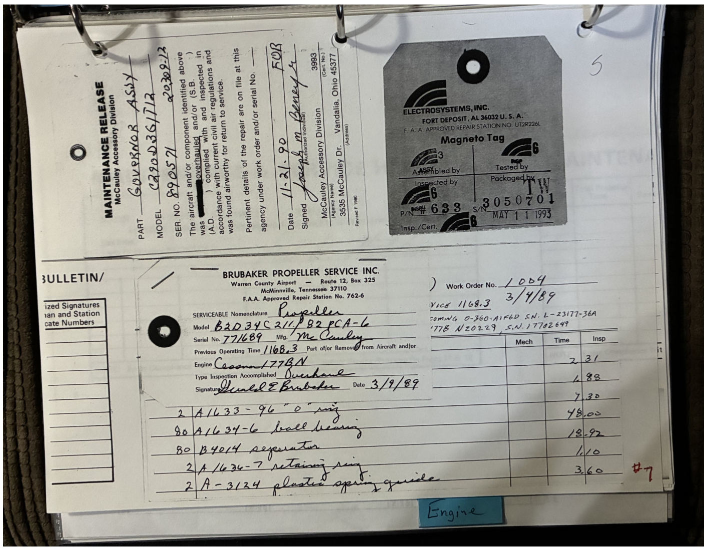
This magneto has been overhauled in compliance with FAA A.D. 78-18-04 Par. A, B and E.

This magneto has been overhauled in compliance with FAA A.D. 82-11-5

S

#2

Engine



MAINTENANCE RELEASE
McCauley Accessory Division

PART GOVERNOR ASSY
MODEL C290D3G/T12
SER. NO. 890571 20309-12

The aircraft and/or component identified above was [redacted] overhauled and/or (S.B.) complied with and inspected in (A.D.) 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 and/or serial No. FOR

Date 11-21-90
Signed Joseph M. Beney Jr. (Authorized Individual) 3993 (Cert. No.)
McCauley Accessory Division (Agency Name)
3535 McCauley Dr. Vandalia, Ohio 45377 (Address)
Revised F 1980

ELECTROSYSTEMS, INC.
FORT DEPOSIT, AL 36032 U. S. A.
F. A. A. APPROVED REPAIR STATION NO. UT2R226L
Magneto Tag
3 ASSY Assembled by
6 INSP Tested by
Inspected by 6
Packaged by TW
P/N INSP # 633 S/N 3050701
MAY 1 1 1993
Insp./Cert. 6

BRUBAKER PROPELLER SERVICE INC.
Warren County Airport — Route 12, Box 325
McMinnville, Tennessee 37110
F.A.A. Approved Repair Station No. 762-6

SERVICEABLE Nomenclature Propeller
Model B2D34C211 / 82PCA-6
Serial No. 771689 Mfg. McCauley
Previous Operating Time 1168.3 Part of/or Removed from Aircraft and/or
Engine Cessna 177BN
Type Inspection Accomplished Overhaul
Signature Gerald E Brubaker Date 3/9/89

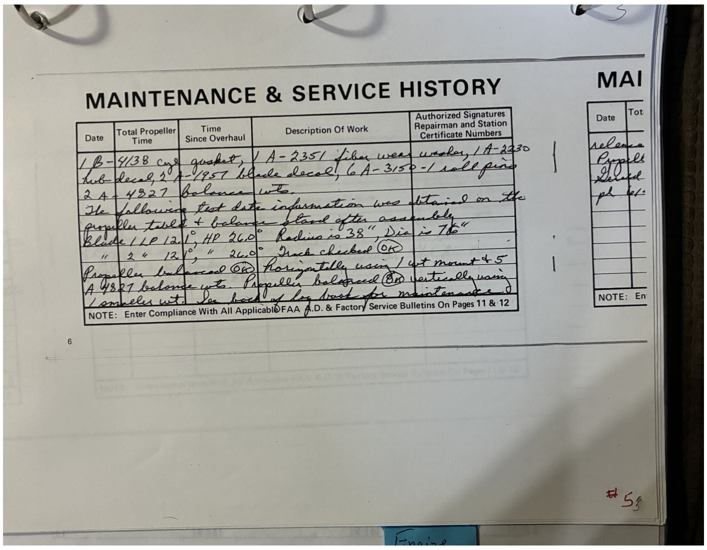
Work Order No. 1004
3/4/89
vice 1168.3
coming O-360-A1F6D S.N. L-23177-36A
177B N20229, S.N. 17702649

		Mech	Time	Insp
				2.31
				1.88
				7.30
2	A1633-96 "0" ring			48.00
80	A1634-6 ball bearing			18.92
80	B4014 separator			1.10
2	A1636-7 retaining ring			3.60
2	A-3124 plastic spring guide			

S

#7

Engine



MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers

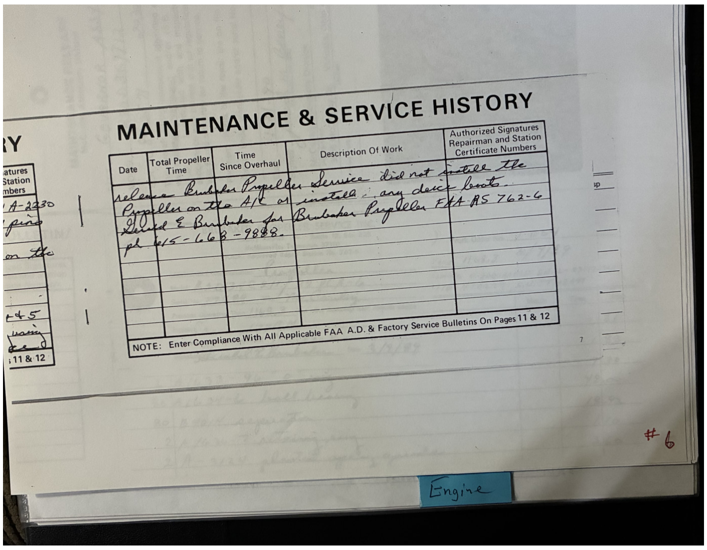
1 B-4138 cyl gasket, 1 A-2351 fiber wear washer, 1 A-2230
hub decal, 2 A-1957 blade decal, 6 A-3150-1 roll pins
2 A-4827 balance wts.
The following test data information was obtained on the
propeller table & balance stand after assembly
Blade 1 LP 12.1°, HP 26.0° Radius is 38", Dia is 76"
" 2 " 12.1°, " 26.0° Track checked OK
Propeller balanced OK horizontally using 1 wt mount & 5
A 4827 balance wts. Propeller balanced OK vertically using
1 smaller wt. See back of log book for maintenance

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

6

#5

Engine



MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers

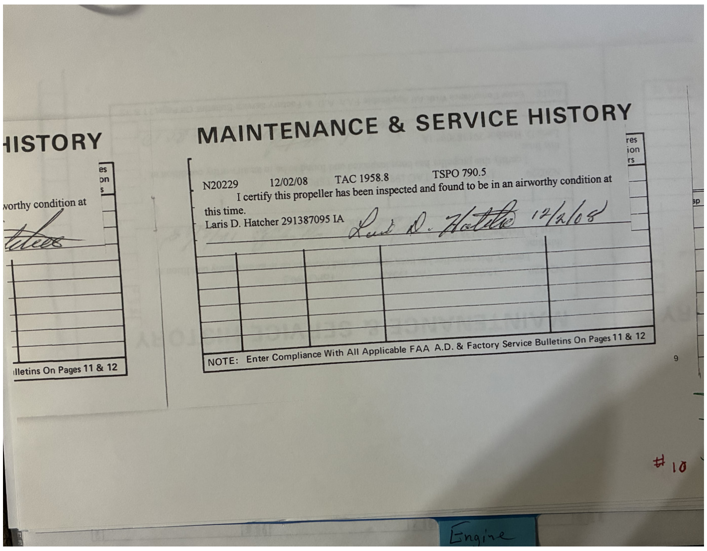
release. Brubaker Propeller Service did not install the
Propeller on the A/C or install any deice boots.
Gerald E Brubaker for Brubaker Propeller FAA RS 762-6
ph 615-668-9888.

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

7

#6

Engine



MAINTENANCE & SERVICE HISTORY

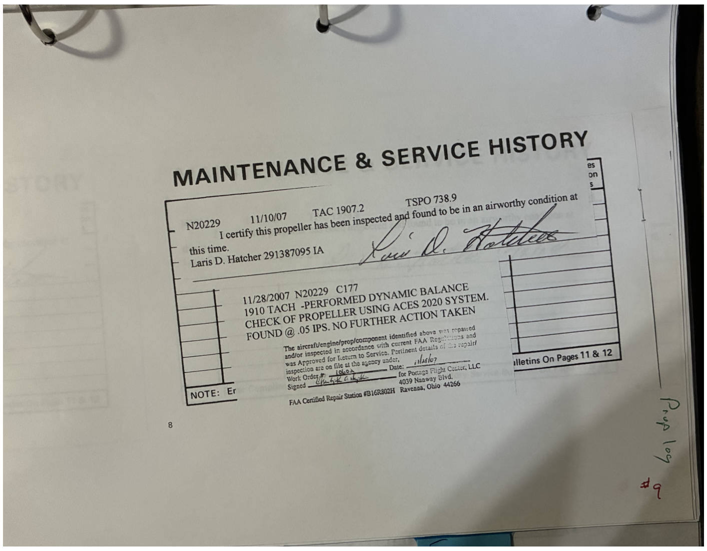
N20229 12/02/08 TAC 1958.8 TSPO 790.5
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher 12/2/08

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

9

#10

Engine



MAINTENANCE & SERVICE HISTORY

N20229 11/10/07 TAC 1907.2 TSPO 738.9
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

11/28/2007 N20229 C177
1910 TACH -PERFORMED DYNAMIC BALANCE CHECK OF PROPELLER USING ACES 2020 SYSTEM. FOUND @ .05 IPS. NO FURTHER ACTION TAKEN

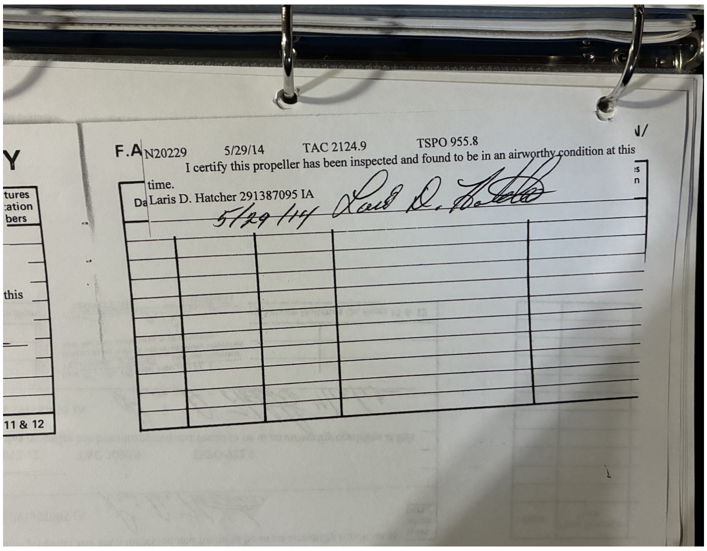
The aircraft/engine/prop/component identified above was repaired and/or inspected in accordance with current FAA Regulations and was Approved for Return to Service. Pertinent details of the repair/inspection are on file at the agency under,
Work Order # 10602 Date: 11/28/07
Signed [illegible] for Portage Flight Center, LLC
4039 Nanway Blvd.
Ravenna, Ohio 44266
FAA Certified Repair Station #B16R802H

NOTE: En

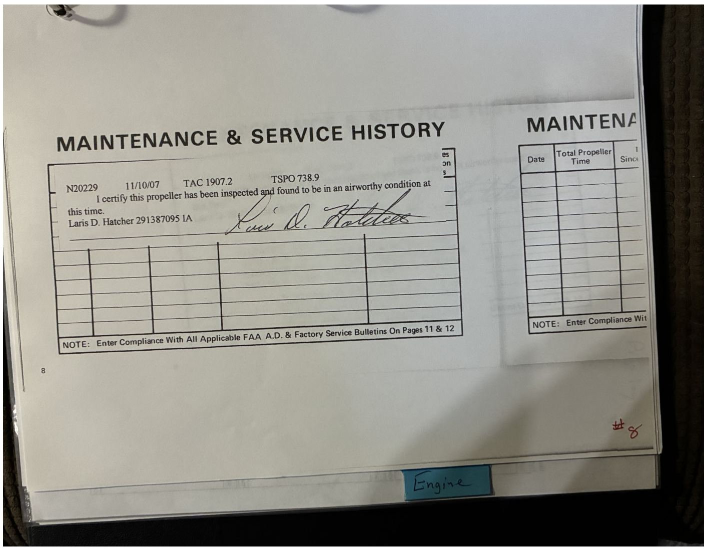
8

Prop log

#9



N20229 5/29/14 TAC 2124.9 TSPO 955.8
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA
5/29/14 Laris D. Hatcher



MAINTENANCE & SERVICE HISTORY

N20229 11/10/07 TAC 1907.2 TSPO 738.9
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

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

8

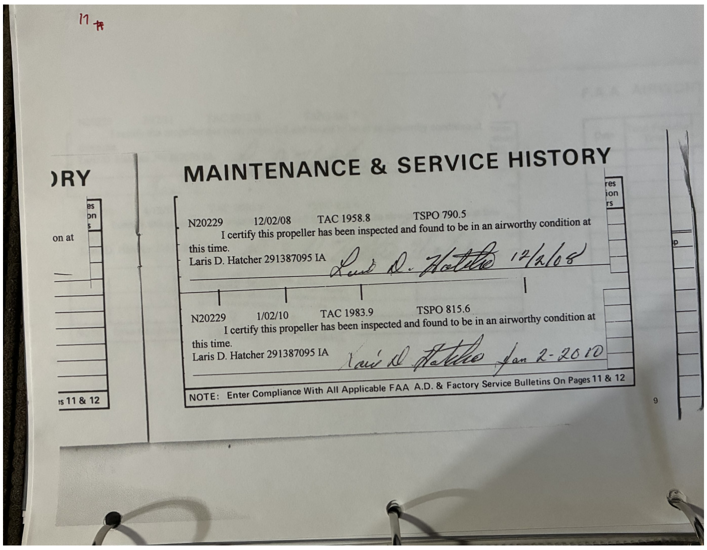
MAINTENA

Date	Total Propeller Time	Since

NOTE: Enter Compliance Wit

#8

Engine



11#

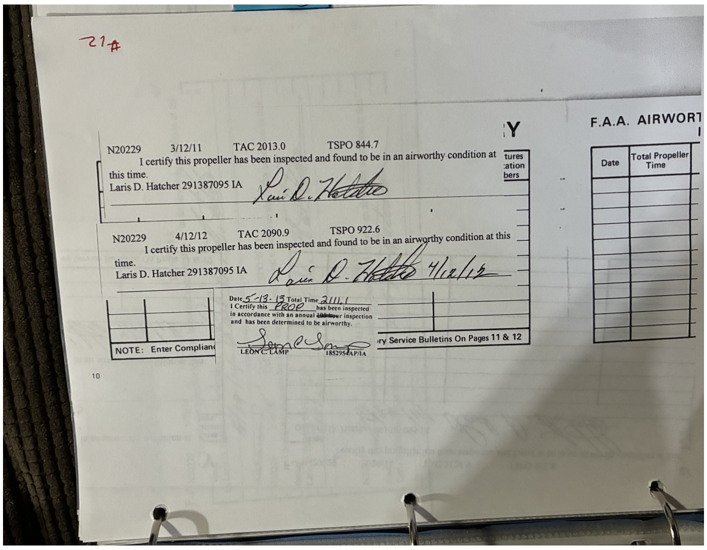
MAINTENANCE & SERVICE HISTORY

N20229 12/02/08 TAC 1958.8 TSPO 790.5
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher 12/2/08

N20229 1/02/10 TAC 1983.9 TSPO 815.6
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher Jan 2-2010

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

9



21#

N20229 3/12/11 TAC 2013.0 TSPO 844.7
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

N20229 4/12/12 TAC 2090.9 TSPO 922.6
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher 4/12/12

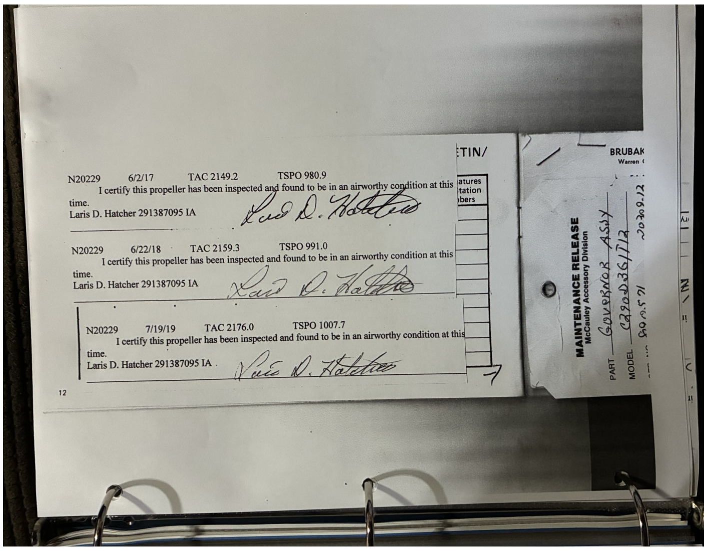
Date 5-13-13 Total Time 2111.1
I Certify this PROP has been inspected in accordance with an annual ~~100 hou~~r inspection and has been determined to be airworthy.
LEON C. LAMP 1852954AP/IA

NOTE: Enter Complian… …ry Service Bulletins On Pages 11 & 12

10

F.A.A. AIRWORT

Date	Total Propeller Time



N20229 6/2/17 TAC 2149.2 TSPO 980.9
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

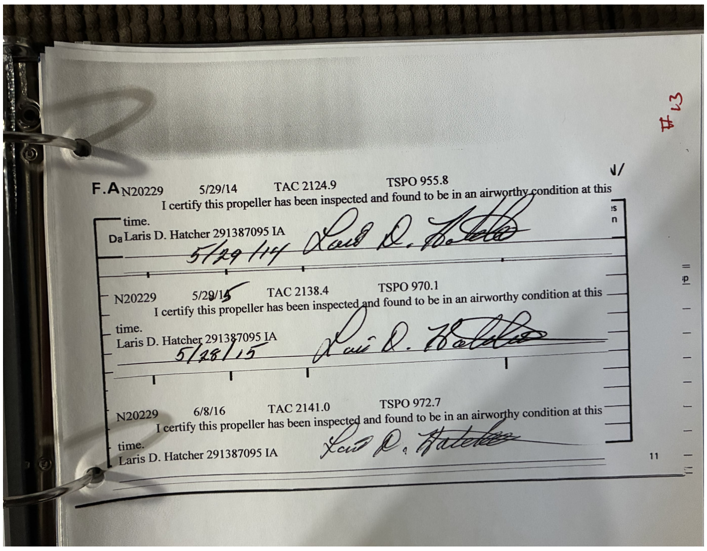
N20229 6/22/18 TAC 2159.3 TSPO 991.0
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

N20229 7/19/19 TAC 2176.0 TSPO 1007.7
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

12

MAINTENANCE RELEASE
McCauley Accessory Division
PART GOVERNOR ASSY
MODEL C290D3G/T12
909.571
20209.12

BRUBAK
Warren



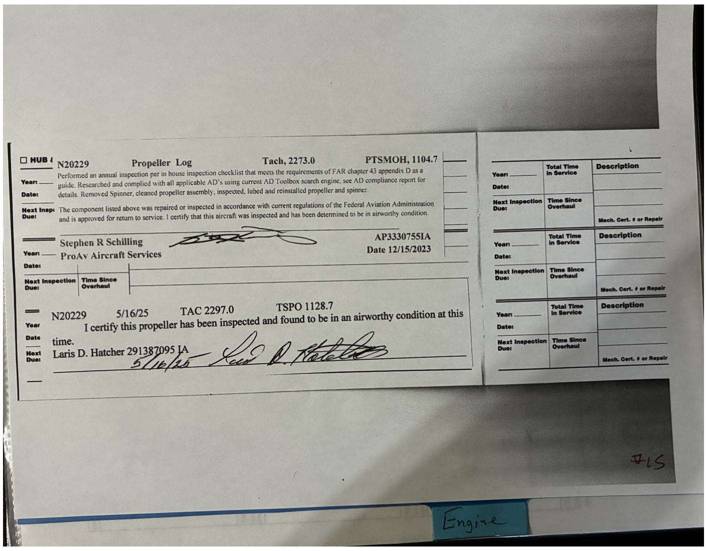
#13

F.A N20229 5/29/14 TAC 2124.9 TSPO 955.8
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher
5/29/14

N20229 5/29/15 TAC 2138.4 TSPO 970.1
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher
5/28/15

N20229 6/8/16 TAC 2141.0 TSPO 972.7
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher

11



N20229 Propeller Log Tach, 2273.0 PTSMOH, 1104.7

Performed an annual inspection per in house inspection checklist that meets the requirements of FAR chapter 43 appendix D as a guide. Researched and complied with all applicable AD's using current AD Toolbox search engine, see AD compliance report for details. Removed Spinner, cleaned propeller assembly, inspected, lubed and reinstalled propeller and spinner.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. I certify that this aircraft was inspected and has been determined to be in airworthy condition.

Stephen R Schilling
ProAv Aircraft Services
AP3330755IA
Date 12/15/2023

N20229 5/16/25 TAC 2297.0 TSPO 1128.7
I certify this propeller has been inspected and found to be in an airworthy condition at this time.
Laris D. Hatcher 291387095 IA Laris D. Hatcher
5/16/25

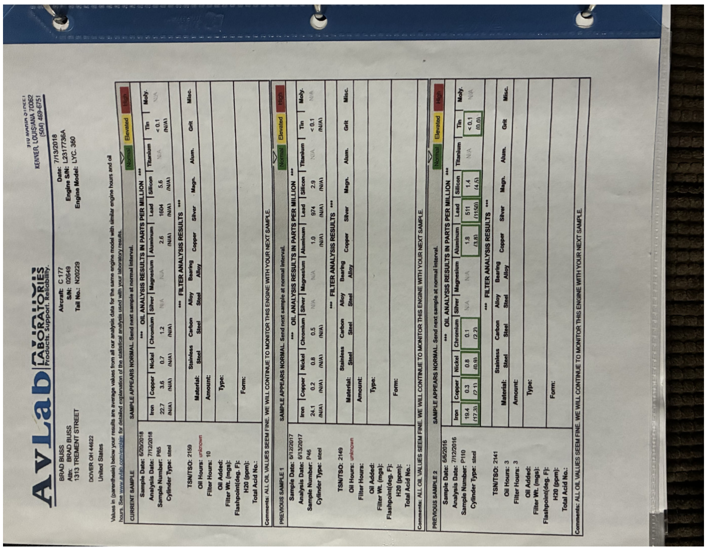
Year:	Total Time in Service	Description
Date:		
Next Inspection Due:	Time Since Overhaul	
		Mech. Cert. # or Repair

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

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

#15

Engine



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KENNER, LOUISIANA 70062
(504) 469-6751

BRAD BUSS
Attn: BRAD BUSS
1313 TREMENT STREET

DOVER OH 44622
United States

Aircraft: C 177
S/N: 02649
Tail No.: N20229

Date: 7/13/2018
Engine S/N: L2317736A
Engine Model: LYC. 360

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE
SAMPLE APPEARS NORMAL. Send next sample at normal interval.
Normal Elevated High

Sample Date: 6/20/2018
Analysis Date: 7/12/2018
Sample Number: P65
Cylinder Type: steel

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
22.7	3.6	0.7	1.2	N/A	N/A	2.6	1604	5.6	N/A	< 0.1	N/A
(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)	

TSN/TSO: 2159
Oil Hours: unknown
Filter Hours: 10
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.

PREVIOUS SAMPLE 1
SAMPLE APPEARS NORMAL. Send next sample at normal interval.
Normal Elevated High

Sample Date: 6/12/2017
Analysis Date: 6/13/2017
Sample Number: P46
Cylinder Type: steel

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
24.1	0.2	0.8	0.5	N/A	N/A	1.0	974	2.9	N/A	< 0.1	N/A
(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)	

TSN/TSO: 2149
Oil Hours: unknown
Filter Hours:
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.

PREVIOUS SAMPLE 2
SAMPLE APPEARS NORMAL. Send next sample at normal interval.
Normal Elevated High

Sample Date: 6/6/2016
Analysis Date: 7/12/2016
Sample Number: P110
Cylinder Type: steel

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

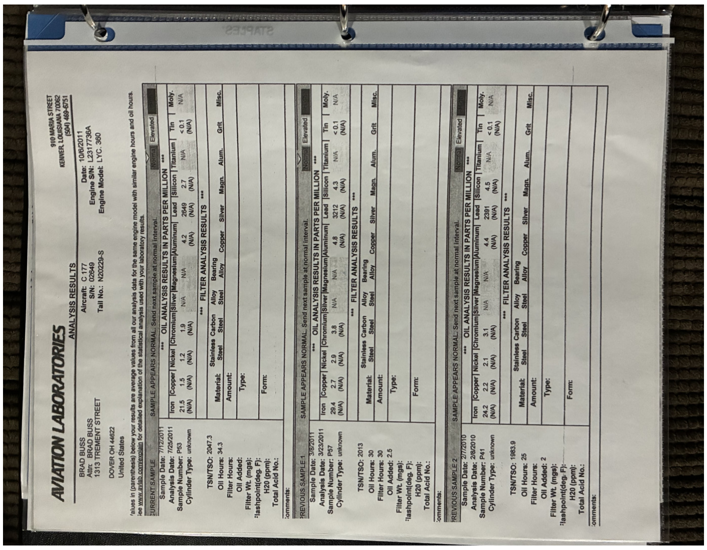
Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
19.4	0.3	0.8	0.1	N/A	N/A	1.8	511	1.4	N/A	< 0.1	N/A
(17.3)	(2.1)	(0.9)	(2.2)			(3.8)	(1150)	(4.5)		(0.0)	

TSN/TSO: 2141
Oil Hours: 3
Filter Hours: 3
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.



AVIATION LABORATORIES
ANALYSIS RESULTS

910 MARIA STREET
KENNER, LOUISIANA 70062
(504) 469-6751

BRAD BUSS
Attn: BRAD BUSS
1313 TREMENT STREET

DOVER OH 44622
United States

Aircraft: C 177
S/N: 02649
Tail No.: N20229-S

Date: 10/6/2011
Engine S/N: L2317736A
Engine Model: LYC. 360

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE
SAMPLE APPEARS NORMAL. Send next sample at normal interval.
Normal Elevated High

Sample Date: 7/12/2011
Analysis Date: 7/25/2011
Sample Number: P53
Cylinder Type: unknown

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
21.5	1.5	1.2	1.9	N/A	N/A	4.2	2649	2.7	N/A	< 0.1	N/A
(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)	

TSN/TSO: 2047.3
Oil Hours: 34.3
Filter Hours:
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments:

PREVIOUS SAMPLE 1
SAMPLE APPEARS NORMAL. Send next sample at normal interval.
Normal Elevated High

Sample Date: 3/8/2011
Analysis Date: 3/23/2011
Sample Number: P57
Cylinder Type: unknown

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
29.4	2.7	2.9	3.8	N/A	N/A	4.8	3212	4.3	N/A	< 0.1	N/A
(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)	

TSN/TSO: 2013
Oil Hours: 30
Filter Hours: 30
Oil Added: 2.5
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments:

PREVIOUS SAMPLE 2
SAMPLE APPEARS NORMAL. Send next sample at normal interval.
Normal Elevated High

Sample Date: 2/7/2010
Analysis Date: 2/8/2010
Sample Number: P41
Cylinder Type: unknown

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

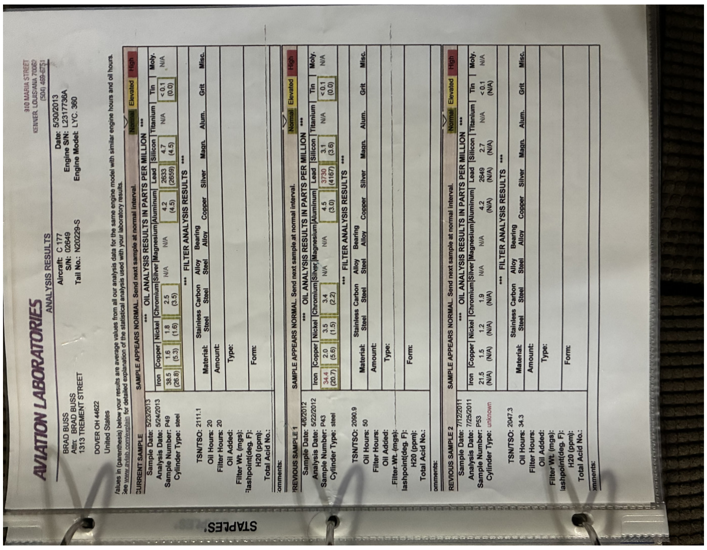
Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
24.2	2.2	2.1	3.1	N/A	N/A	4.4	2391	4.5	N/A	< 0.1	N/A
(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)	

TSN/TSO: 1983.9
Oil Hours: 25
Filter Hours:
Oil Added: 2
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments:



AVIATION LABORATORIES
ANALYSIS RESULTS

910 MARIA STREET
KENNER, LOUISIANA 70062
(504) 469-6751

BRAD BUSS
Attn: BRAD BUSS
1313 TREMENT STREET

DOVER OH 44622
United States

Aircraft: C 177
S/N: 02649
Tail No.: N20229-S

Date: 5/30/2013
Engine S/N: L2317736A
Engine Model: LYC. 360

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE
SAMPLE APPEARS NORMAL. Send next sample at normal interval.
Normal Elevated High

Sample Date: 5/23/2013
Analysis Date: 5/24/2013
Sample Number: P49
Cylinder Type: steel

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
38.5	1.6	1.8	2.5	N/A	N/A	4.2	2633	4.7	N/A	< 0.1	N/A
(26.8)	(5.3)	(1.6)	(3.5)			(4.5)	(2659)	(4.5)		(0.0)	

TSN/TSO: 2111.1
Oil Hours: 20
Filter Hours: 20
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments:

PREVIOUS SAMPLE 1
SAMPLE APPEARS NORMAL. Send next sample at normal interval.
Normal Elevated High

Sample Date: 4/6/2012
Analysis Date: 5/22/2012
Sample Number: P43
Cylinder Type: steel

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
34.4	2.0	3.5	3.4	N/A	N/A	4.5	3730	3.1	N/A	< 0.1	N/A
(20.7)	(5.6)	(1.5)	(2.2)			(3.0)	(4167)	(3.6)		(0.0)	

TSN/TSO: 2090.9
Oil Hours: 50
Filter Hours:
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments:

PREVIOUS SAMPLE 2
SAMPLE APPEARS NORMAL. Send next sample at normal interval.
Normal Elevated High

Sample Date: 7/12/2011
Analysis Date: 7/25/2011
Sample Number: P53
Cylinder Type: unknown

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
21.5	1.5	1.2	1.9	N/A	N/A	4.2	2649	2.7	N/A	< 0.1	N/A
(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)	

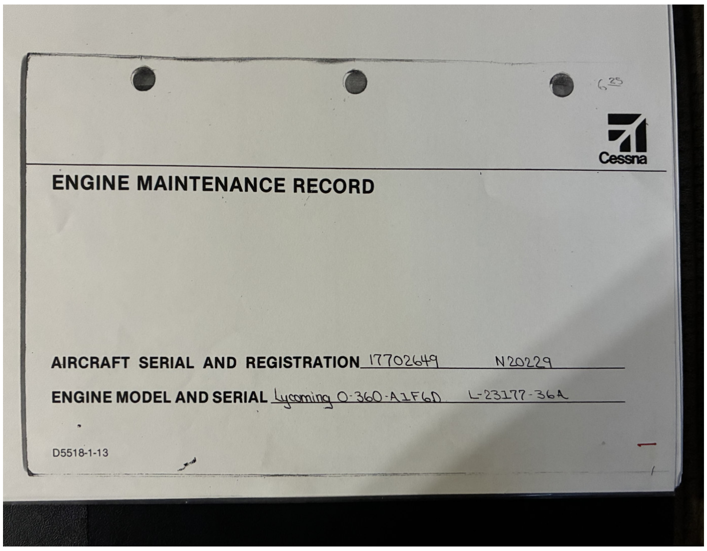
TSN/TSO: 2047.3
Oil Hours: 34.3
Filter Hours:
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments:

STAPLES



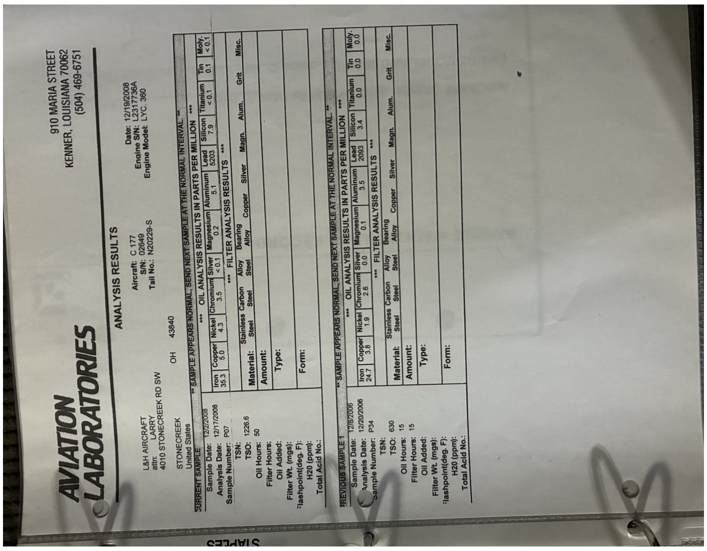
ENGINE MAINTENANCE RECORD

Cessna

AIRCRAFT SERIAL AND REGISTRATION 17702649 N20229

ENGINE MODEL AND SERIAL Lycoming O-360-A1F6D L-23177-36A

D5518-1-13



AVIATION LABORATORIES

910 MARIA STREET
KENNER, LOUISIANA 70062
(504) 469-6751

ANALYSIS RESULTS

L&H AIRCRAFT
attn: LARRY
4010 STONECREEK RD SW

STONECREEK OH 43840
United States

Aircraft: C 177
S/N: 02649
Tail No.: N20229-S

Date: 12/19/2008
Engine S/N: L2317736A
Engine Model: LYC. 360

CURRENT SAMPLE

** SAMPLE APPEARS NORMAL, SEND NEXT SAMPLE AT THE NORMAL INTERVAL. **

Sample Date: 12/2/2008
Analysis Date: 12/17/2008
Sample Number: P07
TSN:
TSO: 1226.6
Oil Hours: 50
Filter Hours:
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
35.3	5.0	4.3	3.5	< 0.1	0.2	5.1	5203	7.9	< 0.1	0.1	< 0.1

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										

Type:

Form:

PREVIOUS SAMPLE 1

** SAMPLE APPEARS NORMAL, SEND NEXT SAMPLE AT THE NORMAL INTERVAL. **

Sample Date: 12/8/2006
Analysis Date: 12/20/2006
Sample Number: P34
TSN:
TSO: 630
Oil Hours: 15
Filter Hours: 15
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
24.7	3.8	1.9	2.6	0.0	0.1	3.5	2093	3.4	0.0	0.0	0.0

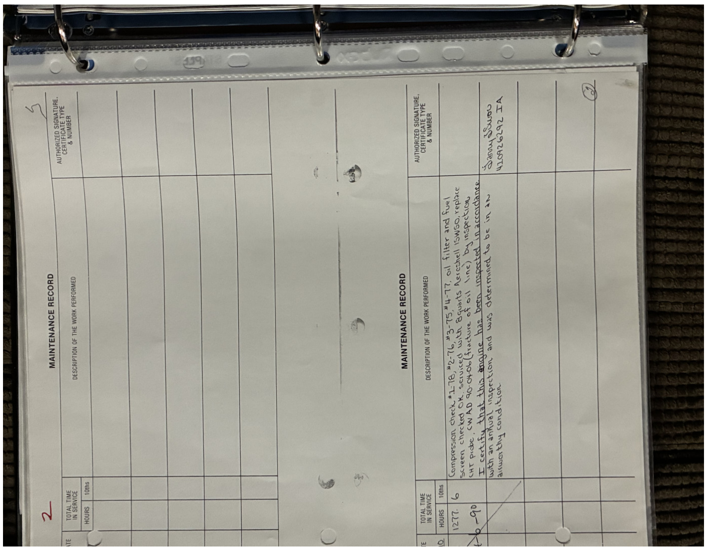
*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										

Type:

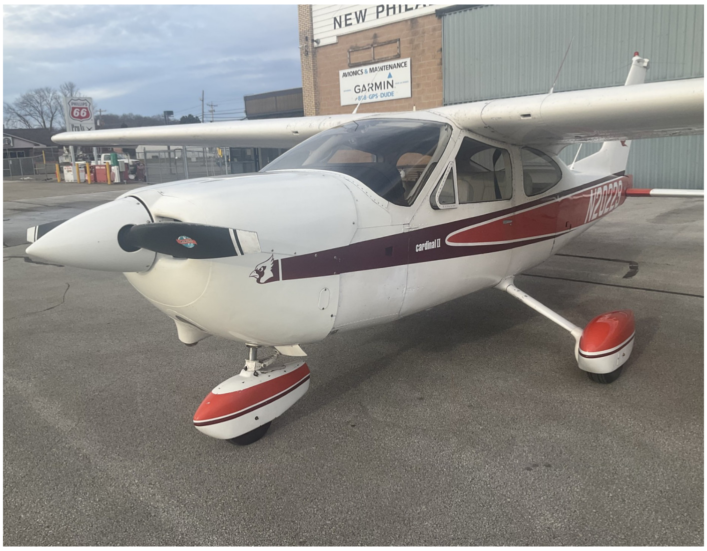
Form:

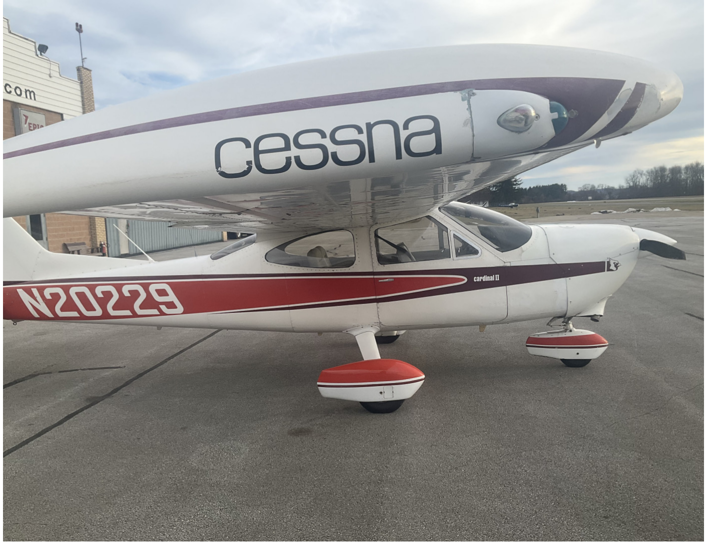
STAPLES

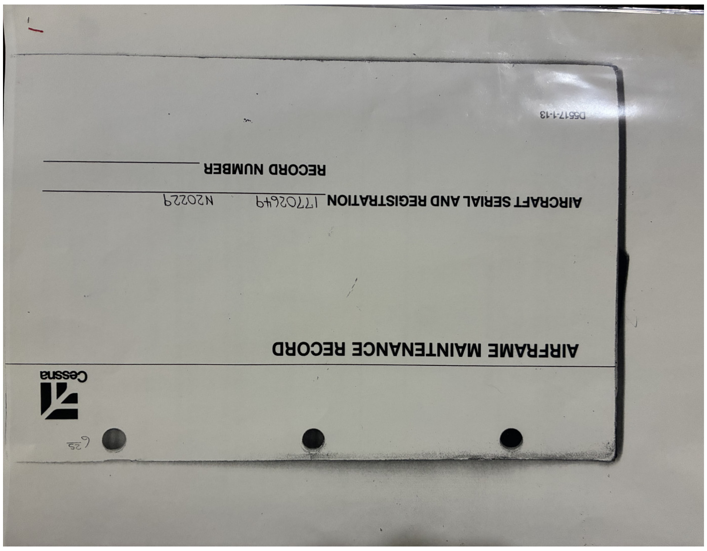


MAINTENANCE RECORD

TOTAL TIME IN SERVICE HOURS	10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
1277.	6	Compression check #1-78, #2-76, #3-75, #4-77, oil filter and fuel screen checked OK, serviced with 8 quarts Aeroshell 15W50, replace CHT probe, CWAD 90-04-06 (fracture of oil line) by inspection.	
-6-90		I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.	410926292 IA






D5517-1-13

AIRCRAFT SERIAL AND REGISTRATION 17702649 N20229

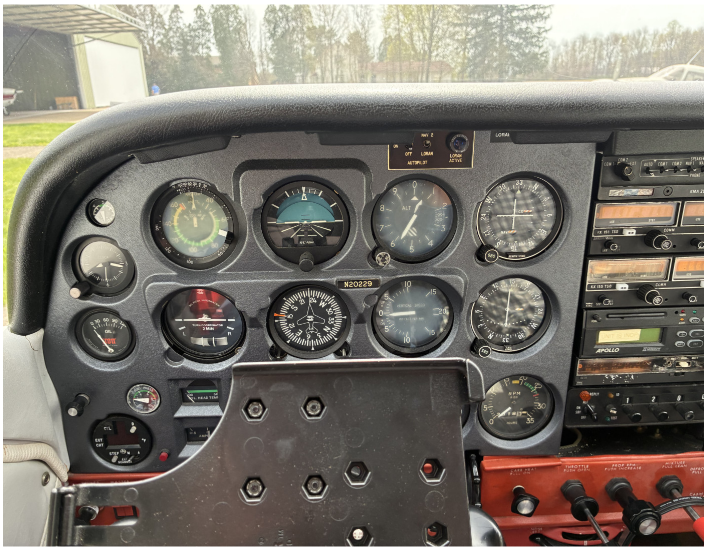
RECORD NUMBER

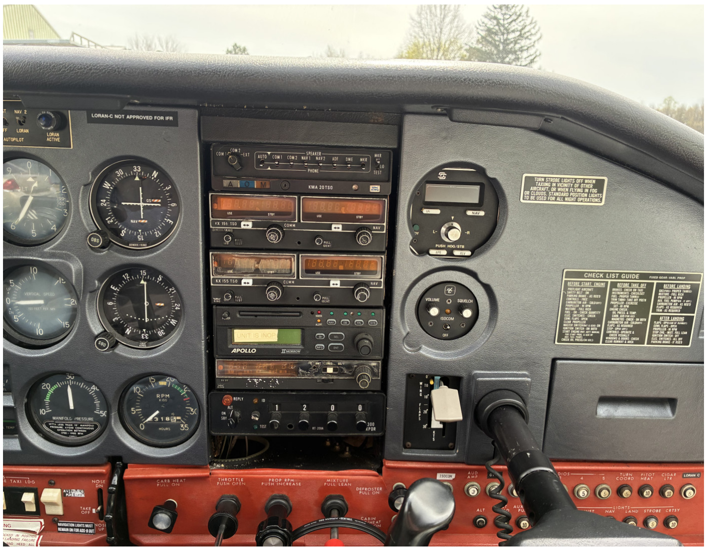
AIRFRAME MAINTENANCE RECORD

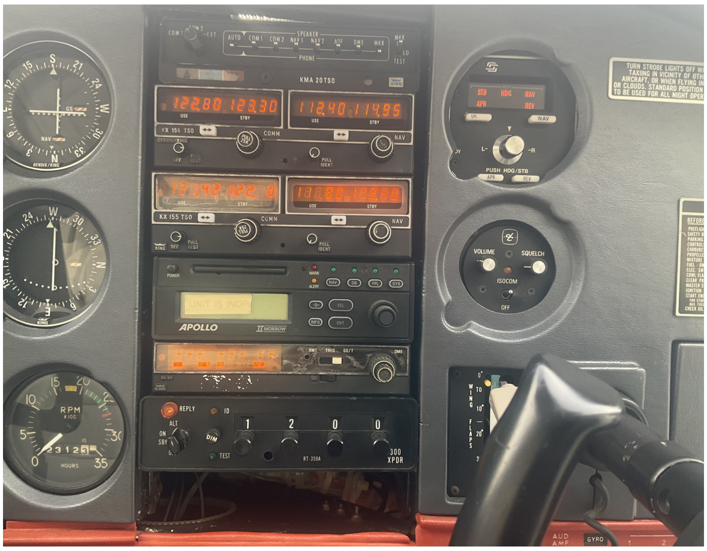
Cessna

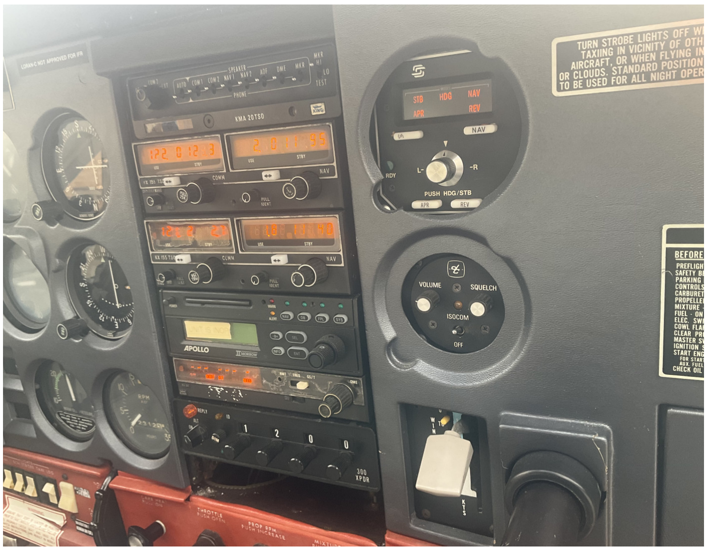
Interior

Avionics









KX 155 TSO
APOLLO
UNIT IS INOP
VERTICAL SPEED
MANIFOLD PRESSURE
RPM
X100
HOURS
REPLY
ALT
ON
SBY
OFF
ID
DIM
TEST
LIGHTS
TAXI LDG
WARNING
NAVIGATION LIGHTS MUST REMAIN ON FOR ADS-B OUT
NOSE DN
TAKE OFF
NOSE UP
CARB HEAT PULL ON
THROTTLE PUSH OPEN
PROP RPM PUSH INCREASE

VOLUME
SQUELCH
ISOCOM
OFF
BEFORE START ENGINE
BEFORE TAKE OFF
BEFORE LANDING
AFTER LANDING
DEFROSTER PULL ON
CABIN AIR/HEAT PULL ON
ISOCOM
AUTOPILOT
AUX FUEL PUMP
Cessna 1977
Cardinal
CESSNA MODEL 177B