
AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T20609685 N46NM

RECORD NUMBER 1

FK530A Exterior Option 1 (Headway)
AF3504 Matterhorn White
814551 Dark Blue Pearl
818100 Sky Blue Pearl
7725-10 White Vinyl

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.417 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		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		

A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Total Engine HRS	Total Prop Hrs
T20609685	9685	N46NM	1/APR/2022	IDP	6.7	8	6.7	6.7

ELT Battery expiration date **1/FEB/2028**

Key Code **ACS216**

Airworthiness Directives comply through **2022-07**

The Garmin System Software installed in this aircraft is **006-B2501-12**

Garmin System ID number is **2618C8B6D**

Total time in service **6.7**

Total Tach Time **6.7**

Hobbs Time **9.6**

Supplemental Type Certificates Installed Pre-Airworthy

Airplane is modified by installation of AMSAFE Aviation Inflatable Restraint (AAIR) System per STC # SA01700LA.

Airplane is modified by installation of Garmin NXI Avionics per STC # SA01830WI

Airplane is modified by installation of Textron Aviation Increased Max Ramp & Max Takeoff Weight per STC # SA09860AC

This aircraft has been inspected and found to be in compliance with the requirements of 14 CFR 21.183 and all mandatory changes.

This aircraft is in compliance with 14CFR Part 91.413. The Static Pressure System was inspected and tested on

3/18/2022

The transponder S/N **3EH030287**

was inspected and tested on

3/18/2022

XM Data I.D. **9PDG74W7**

The Air Data Computer System has been inspected and tested and is in compliance with 14 CFR 91.217 and 91.411 to the aircraft's maximum certified altitude.

Air Data Computer S/N **3KY007509**

Date

3/18/2022

Altimeter(s) S/N (L) **N/A**

Date **N/A**

Altimeter(s) (R) **N/A** Date **N/A** and ELT Certified and tested per 14CFR 91.207(d)

Work Performed by **TEXTRON AVIATION INC.** Certificate No. **PC-4** Date **1/APR/2022**

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration

Work inspected by

Larry C Cheatham Jr

Certificate No. **PC-4**

Date **1/APR/2022**

Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.







The next Annual inspection will be due.

APR/2023

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			I find this aircraft meets the requirements for the certificate requested and have issued a Standard Airworthiness Certificate. Date: <u>01 APR 2022</u> Total time on aircraft: <u>6.7</u>  <u>Robert R. Evans, UM</u> <u>ODA-100129-CE</u>	

MAINTENANCE RECORD

DATE			   	ATURE, PE
	289 E Perimeter Rd. Renton, Washington 98057 United States		Telephone: 425-204-0845	www.aceaviationinc.com
	Registration #: N46NM	Total A/C Time: 21.1 Hour Meter: 21.1	Total A/C Cycles:	
	Manufacturer: Cessna Part/Model number: T206H Work Order No: 4303	Date: 5/9/2022	A/C Serial Number: T20609685	
	Squawk			
	1.1 Aircraft paint touched up on cowlings, tail fuselage, gear and wing struts as required. The following Sherwin Williams paint codes were used. AF3504 Matterhorn White 814551 Dark Blue Pearl 818100 Sky Blue Pearl 7725-10 White Vinyl All painting was done using standard practices and Cessna T206H maintenance manual Revision 21, chapter 20-31-02.			
	1.2 Inspected all wires between ACU and J-box disconnect, and between J-box disconnect and GEA71. No issues. Checked integrity of wiring: Good. Cleaned contacts. Ground ran, increased electrical load on alternator to try and replicate LOW VOLTS, no further issues found. Voltage remained constant at 28V with "no" CAS warnings.			
	1.3 Removed and replace upper vertical fin cap with new Cessna part no. 9910100-15. Prepped, primed and painted to match.			
	These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the Ace Aviation, Inc. under Work Order Number 4303.			
	Kurt Boswell (KURT) 		AP536760657	

N46NM

SOUND MAINTENANCE

5/1/2023 TACH 114.5 TTAF 114.5

PERFORMED 100HR/ANNUAL INSPECTION PER MANUFACTURE CHECKLIST AND FAR 43. COMPRESSION CHECK. CLEAN GAP AND ROTATE SPARK PLUGS, CHECK MAGNETO TO ENGINE TIMING, DRESSED AND INSPECTED PROPELLER BLADES, SERVICED BATTERY AND BRAKES, LUBED ENGINE AND FLIGHT CONTROLS, PERFORMED MINOR REPAIR ON SKIN AFT OF FUSelage, ADDED RIVET TO SKIN LAP. COMPLIED WITH FAR 91.207(D), AD'S #2017-11-10 BY INSPECTION OF EXHAUST SYSTEM PER LYCOMING MSB 627C NO DEFECTS NOTED AT THIS TIME NEXT INSPECTION DUE 50HRS AND 100HRS, #2015-19-07 BY INSPECTION OF FUEL INJECTOR LINES PER LYCOMING MSB 342G NO DEFECTS NOTED NEXT DUE 110HRS ANNUAL OR WHEN LOOSEMED.

I CERTIFY THAT THE INSPECTION AND MAINTENANCE OF THIS AIRCRAFT HAS BEEN PERFORMED IN ACCORDANCE WITH MANUFACTURE CHECKLIST AND FAR 43, AND WAS FOUND TO BE IN AIRWORTHY CONDITION RETURN TO SERVICE

BRIAN COLE AP30880361A

Brian Cole

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED
	HOURS	10THS	

MAINTENANCE RECORD

DATE



Island Air Maintenance LLC.
72 Airport Circle
Friday Harbor WA 98250
3603782376

Make: Textron (Cessna)

Model: T206H

Tail: N46NM

S/N: T20609685

ATURE,
/PE

Hours: AC: 259.1 TT: 259.1 EngTT: 259.1 PropTT: 259.1

Complied with Annual Inspection as per CFR part 43 Appx D

Capacity check of G1-275 & G1000 completed satisfactory.

Corroded adel clamp at #1 Cyl. intake drain, replaced with new MS21919-DG2 clamp.

Cylinder Head oil drain tubes leaking at 12 hose clamp locations. Tightened all hose clamps as needed. Cleaned up oil mess.

Cylinder #5 exhaust riser cracked, installed new p/n 401329468 exhaust segment.

Replaced all LW-18234 exhaust gaskets in 6 locations.

78246 V band gasket replaced and turbo junction.

Ignition harness damaged. Installed new p/n M2965R Ignition Harness at L/H Magneto.

Installed new right tire part number 070-317-1 and tube part number 092-500-0, greased wheel bearings, Balanced wheel assembly, and re-installed.

Serviced Main Battery as required with distilled water.

Aircraft lubrication as required per AMM 12-21-00

CW AD17-11-10- Engine Exhaust system leaks by visual inspection and torque check of exhaust flange nuts as specified in AD. Next due tach 284.1 for visual inspection, Tach time 359.1 for torque check.

C/W AD15-19-07 Fuel injector fuel lines and clamps by visual means as specified in AD. Next due in tach 369.1

C/W AD23-09-09 Exhaust tail pipe V-band coupling by Visual means as specified in AD. Next due in 12 months

This Aircraft has been inspected in accordance with an annual inspection as per CFR 43 appx D and is found to be airworthy at this time and date. This Aircraft is released from maintenance.

Signed:

Brian Cole

Name: Brian Cole

Cert: AP30880361A

Date: 06/12/2024

MAINTENANCE RECORD

I Certify that the altimeter system and altitude reporting equipment in this aircraft have been tested as required by FAR 91.411 and found to comply with Appendices E and F of Part 43.

#1 Model: GSU 75 S/N: 3KY007509
 #2 Model: GI275 STBI S/N: SM2107009
 #3 Model: --- S/N: ---
 Encoder Model #: GSU 75 S/N: 3KY007509
 Altimeter Tested To: 30,000 Feet
 W/O #: 2481 Date: 06-13-2024
 Insp: [Signature]

Waypoint Avionics LLC FAA CRS #4WPR747D

I certify that the transponder in this aircraft has been tested and meets The requirements of FAR 91.413 and FAR 43 Appendix F.

#1 Model: GTX345R S/N: 3EH030287
 W/O #: 2481
 Date: 06-13-2024
 Insp: [Signature]
 Waypoint Avionics LLC FAA CRS #4WPR747D

9-20-24	TACH 303.0	Drained Oil, Removed & Replaced filter, Inspected filter no notable debris. Filled engine with 10 qts Phillips 20W50X Run-up's leak check good. Maintenance performed to this aircraft is in air worthy condition return to service. <u>[Signature]</u> AIP 4850672
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MAINTENANCE RECORD

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



289 E Perimeter Rd.
 Renton, Washington 98057
 United States

Telephone: 425-204-0845

www.aceaviationinc.com



Registration #: N46NM

Total A/C Time: 385.8

Total A/C Cycles:

Hour Meter: 385.8

Manufacturer: Cessna

Part/Model number: T206H

A/C Serial Number: T20609685

Work Order No: 6377

Date: 5/6/2025

Squawk

- Removed Nose Landing Gear fairing to be repaired. Updated weight and balance.
- Complied with Lycoming AD 17-11-10 - Exhaust System Inspection and Torque Check with no discrepancies noted. AD 17-11-10 Inspection next recurs at tach 410.8. Torque check next recurs at tach 485.8.
- Lubricated control column, per Cessna service MM.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the Repair Station under Work Order Number 6377.

Sam Cooke (SAM)

Repair Station #4A1R024C

*** End of Document ***

Ahrens Aviation
115 Aeroview Lane
Eastsound, Washington 98245

Make: Textron (Cessna)
Model: T206H
Tail: N46NM
S/N: T20609685

RE

Hours: Tach 391.9

Drained oil, and cut filter, No anomalies found. Filled with 11 quarts Phillips XC 20W50, installed new AA48110-2 oil filter and saftied. Engine Run-Up and no leaks noted. Removed Gill 242 battery and installed Concord RG24-15. All work done IAW Manufacturers Service Manuals, and AC 43.13.

I certify that maintenance performed to this aircraft is in airworthy condition return to service.

Signed:

Name: Loren Ahrens

Cert:

4850672

Date:

06/17/2025

14 Jul 2025	402 0	Removed and reinstalled one inspection panel each wing, left and right engine cowls. Aircraft returned to service this date	Mark Menece AP 2725593

Ahrens Aviation
115 Aeroview Lane
Eastsound, Washington 98245

Make: Textron (Cessna)
Model: T206H
Tail: N46NM
S/N: T206-9685

Hours: AIRFRAME TT: 402.1 Tach: 402.1 TSMOH: 402.1

Performed compression check #1-80 #2-80 #3-78 #4-80 #5-79 #6-78/80. Cleaned, gapped, and rotated spark plugs, checked magneto to engine timing. Oil change not due at this time. Removed right strobe light and routed for warranty repair. Replaced Left Fuel Manifold Pressure Line. Installed Nose Wheel fairing and updated weight and balance. Installed new baffle spark plug access plugs and secured.

Complied with AD 2023-09-09: Exhaust Tailpipe V-Band Coupling

Engine Run-Up. All work done IAW Manufacturers Service Manuals and AC 43.13.

I certify that maintenance performed to this aircraft is in airworthy condition return to service.

Signed:

Name: Loren Ahrens

Cert:

4850672 A&P

Date:

07/17/2025

DATE	TOTAL TIME IN SERVICE	
	HOURS	10THS
7/17 2015	402.1	

Aircraft Annual Inspection

Date 7/17/25 Tach 402.1 TTAF 402.1

AD's Compiled with and listed in log book

ELT Due 3/28

I certify that this aircraft has been inspected in accordance with an annual inspection per FAR 43 part D and found it to be in airworthy condition on this date.

David Riffle A&P/IA 2046875

[Signature]

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

Complied with 91.207(d) ELT o/s check good. ELT Battery expiration Oct 2028. PN 452-6499.

[Signature] AIP 4850672

Airframe Log Book**Date: 10/16/2025**

Reg No: N46NM	Aircraft type: LC42-550FG	Aircraft S/N: 42071
Tach: 302.6	Hobbs: 871.5	Aircraft Total Time: N/A

1. Placed aircraft on jacks. Deflated and removed nose wheel. Replaced tire with new Goodyear Flight Special II 10-ply 5.00-5. Installed tube and tire onto wheel and Torqued wheel half locking nuts to 90In-lbs. Reinstalled wheel and wheel fairing. Serviced tire to 88 PSI IAW AMM.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 10/16/2025

Signed: Adrian G. Neely
Adrian G. Neely A&P 4948394

Airframe Logbook

Date: 11/14/2025

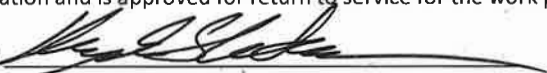


Reg No: N46NM	Aircraft Type: T206H	Aircraft S/N: T20609685
Tach: 419.1	Hobbs: 513.4	

1. Installed new Whelen strobe light ASSY in right wing tip **P/N: 01-0771994-00, S/N: 11729250029**. Operational check ok and secured wires in wing tip. No defects noted in the work performed.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 11/14/2025

Signed: 
Hayden Shadoan A&P 4960099

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 26505	
4. Organization Name and Address: Whelen Aerospace Technologies, 51 Winthrop Road, Chester, CT 06412-0684 (PT0610NE)					5. Work Order/Contract/ Invoice Number: PO# N/A	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	LED ACL Assembly	01-0771994-00	1	11729250029	See Block 12	
12. Remarks: Rebuilt to original PAH's specifications in accordance with 14 CFR§ 43.3(j). This FAA approved TSO article is approved for return to service in accordance with Whelen drawing #'s 71994 Rev. C Date 09/17/2024 , 6H187 Rev. C Date 03/03/2025 On this date 07/AUG/2025 , by Technician: SEBASTIAN RUSSO , Technician#: 8641 Model Number: 7199400 Service Tag# 812494						
13a. Certified the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				EMMANUEL C. LOUIS		08/AUG/2025
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			

Service Publication Compliance Record					
Aircraft Model: T206H		Serial Number: T20609685		Registration: N46NM	
Service Information Number	Description	Complied With Date/Time	Method of Compliance or Applicability Status	Once or Recur	Next Due Date/Time
SB10-73-02	Fuel injector line clamp and routing inspection.	Pre-AW	First visual inspection complied with per Lycoming Service Bulletin 342G prior to receiving airworthiness certification.	Recur	Every 100 hours, annual inspection or fuel line maintenance.
AFS-SB13	FUEL DIVIDER - MANUFACTURING DEFECT	Pre-AW	First visual inspection complied with per AVSTAR Service Bulletin prior to receiving airworthiness certification.	Once	N/A
SB-628	Fuel Pump	Pre-AW	Fuel pump has been inspected for suspect fuel pump. If suspect pump was identified it has been replaced. Ref Hartzel Engine Technologies ASB-069.	Once	N/A

Compliance verified at time of delivery.	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> X07D 071Y 25 </div>		1/APR/2022	Texttron Aviation Inc. Repair Station Satellite Location - Indy X07D071Y
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