

ENGINE ☐
MODULE ☐
SERIAL NUMBER _____

SERVICE RECORD

PAGE _____

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS
ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER.

DATE

7/12/2021 TACH: 3812.8 TT: 10,146.5

INSP ENG IAW the maintenance manual and 14 CFR 43
APPX D. C/w AD 2018-17-15 BY visual INSP of Plenum and
AD 2018-13-05 by taking SOAP sample. Changed fuel nozzles
with overhauled set from Tennessee ACFT See 8130 dated
03-02-2021. Changed oil filter, ENG and firewall fuel filters,
INSP and cleaned starter generator. Run-up leak test, I certify
that this ENG has been INSP IAW all H INSP and determined
to be in an airworthy condition.

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

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ENGINE ☐MODULE ☐

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DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
			HOURS		CYCLES		
			SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
							TOTALS BROUGHT FORWARD
12/29/2020		HOBBS: 3657.7			ENG TT: 9991.4		Installed This ENG on ACFT N 3629F All work Done IAW Honeywell M/M and Turbine ENG installation SIC # SA 7987SW. Performed dynamic propeller, balance to manufactures Specification. Operational Checks performed and determined satisfactory. [REDACTED]
2/16/2021		HOBBS: 3667.7			ENG TT: 10,001.4		Replaced fuel nozzles with overhauled Overhauled fuel nozzles by Tennessee Aircraft P/N 3102474-1 and 869544. ✓ Run-up, leak check, no leaks tank [REDACTED]
							TOTALS TO DATE

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NOSE CONE

INTERMEDIATE GEARBOX

SERVICE BULLETIN
RECORD

DIRECTIVES

MODULES

**TENNESSEE AIRCRAFT COMPANY
DISCREPANCY REPORT**

W.C. # NA
74321 -5

Page No. _____

NO.	Discrepancy			Inspector
	<u>10</u> Ea 868752-1/3101155-1 <u>5</u> Ea 868242-1/3101156-1 Simplex Fuel Nozzles OVERHAUL AND FLOW TEST AS PER HONEYWELL OVERHAUL MANUAL 73-10-16			 
	RESEARCH AND IMPLEMENT ANY APPLICABLE A.D.'S TO THIS PRODUCT	<u>NA</u> LIST A.D. NUMBER COMPLIED WITH	RESEARCHED AND FOUND NO A.D.'S APPLICABLE TO THIS PRODUCT	 

TACI-32B 10/17

MBER 2020
T F S
3 4 5
10 11 12
17 18 19
24 25 26

PO # NA

TENNESSEE AIRCRAFT COMPANY, INC.

WO #

74321 -5M

Page No. _____

DISCREPANCY REPORT

NO.	Discrepancy	Action Taken & By	Insp
	INSTALL OVERHAULED FUEL NOZZLES ON MANIFOLD, LEAK TEST, AND SAFETY WIRE P/N <u>3102473-1</u> <u>868914-4</u>	INSTALLED OVERHAULED FUEL NOZZLES ON MANIFOLD, LEAK TESTED, AND SAFETY WIRED.	TACI 6
	RESEARCH AND IMPLEMENT ANY APPLICABLE A.D.'S TO THIS PRODUCT	RESEARCHED AND FOUND NO A.D.'S APPLICABLE TO THIS PRODUCT	TACI 6
		LIST A.D. NUMBER COMPLIED WITH <u>NA</u>	

ENGINE ☐
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Date
MAY-10-2019

Engine Model TPE331-2-201A SUPER Engine Serial # P-90095

HOBBS 3136.9

TIME SINCE NEW 9,991.4 TSO CYCLES SINCE NEW TIME SINCE HSI 560 CYCLES SINCE HSI
TIME SINCE GBI 560 TIME SINCE CAM CYCLES SINCE CAM

Work Performed Performed gearbox investigation and repair due to SOAP findings of M50.
C/W AD 2018-13-05 by installing overhauled torque sensor sn P-5955. AD due every 150 hours via SOAP Sample.
C/W AD 2018-17-15 by inspection of combustion chamber case (plenum). Per AD, Visual inspection of plenum due at each fuel nozzle change, not to exceed 450 hours.

Post-repair testing performed Engine Test Run ; Lebow Torque Calibration ; Governor Checks ; Vibration Survey ; Leak Check

Work performed with reference to Honeywell Reports: Honeywell MM 72-00-92 R13

✓ See Traceability Parts List this date.

✓ SOAP Sample required within 25 hours.

I certify the engine listed above to be airworthy for return to service with respect to work accomplished this date.

Garrett Bane 4118243

END

Traceability Parts List

Master Part #	Master Part Description	QTY	*Condition	*Serial Number
358206	BEARING	1	INSPECTED	6-14095-5631
3101689-1	BEARING	1	OVERHAULED	041991419013
868781-3	BULL GEAR	1	REPAIRED	4P-17115
3107000-1	DUAL TACH DRIVE	1	OVERHAULED	NSN
FUEL NOZZLE SET, SIMPLEX	FUEL NOZZLE SET, SIMPLEX	1	OVERHAULED	NSN
3101726-3	TORQUE SENSOR	1	OVERHAULED	P-5955
TOT		6		

END

TOTALS TO DATE

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DATE

4-4-19 Tach 3136.9 N3629F

Changed primary and secondary fuel nozzles. Overhauled by Tennessee Aircraft Co. Part number 868914-4 and 3102473-1. [REDACTED]

4-11-19 Tach 3136.9 N3629F

Performed 100hr engine inspection. Changed oil filter, engine fuel filter and firewall fuel filters. Took oil sample and left with owner. Inspected and cleaned starter generator. Serviced engine with oil. Leak checked. [REDACTED]

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

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Date	Propeller TSN TSO		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.					
				1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: P7066	
				4. Organization Name and Address: STOCKTON PROPELLER INC. [REDACTED]					5. Work Order/Contract/Invoice Number: P7066
				6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
				1	HARTZELL PROPELLER	HC-B4TN-5NL / LT10890N	1	CDA5000	OVERHAULED
				12. Remarks: BLADE SN'S: J98347, J98350, J98348, J98349 PROPELLER COMPLETELY OVERHAULED PER SM 118F, 133C AND 202A. DISASSEMBLED, CLEANED AND INSPECTED ALL PARTS. STEEL PARTS MAGNAFLUXED AND CADMIUM PLATED. ALUMINUM PARTS REFINISHED, PENETRANT INSPECTED, ALODINED AND PAINTED. PROPELLER ASSEMBLED, ADJUSTED, LUBRICATED, BALANCED AND SAFETIED. COMPLIED WITH AD 2009-10-14, ASB 61-337 REV 1, ASB 61-351 REV 1, SB 61-153 REV 2, SB 61-374 REV 1, SB 137A, ASB 61-279 REV 4, ASB 61-313 REV 3, SB 61-REV 1 AND SB 61-280. *****					
				13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☐ 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: [REDACTED]	14c. Approval/Certificate No.: UD7R333Y
				13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): MIKE O. BELMONT	14e. Date (dd/mm/yyyy): 06/12/2019
				User/Installer Responsibilities					
				It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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. 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.					

1/30/2017		TTSN: 2615.5	ACFT Tach time: 986.3
		Performed 100 Hour INSP on Propeller	
		IAW Harzell check list. Profiled and greased	
		Propeller.	
02/11/2020		TTON:	TACH: 614.1
		INSP Propeller IAW maintenance manual	
		and FAR Part 43 APPX D. Complied with	
		all AD's. I certify that this Propeller	
		has been INSP IAW an Annual INSP	
		and determined to be in an Airworthy	
		condition.	

HA

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		

08-07-2015 Hartzell Serial No. GDA5000
 Tach Time 982.3 Total Time Since New: 2611.5
 Performed 100 Hour Inspection on Propeller in accordance with J.A.S. Annual
 Inspection and Harzell Check List. Profiled, greased and painted propeller as
 required. All A.D.'s complied with through 2009-10-14.
 For further information see J.A.S. Work Orders A8534, A8556, A8567.

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH
100HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY
 CONDITION.

DATED 8-7-2015 TOTAL TIME HRS. 2611.5

SIGNED [REDACTED]
 JOHNSTON AIRCRAFT SERVICE, INC REPAIR STATION NO BG4R075M
 TULARE MUNICIPAL AIRPORT TULARE, CALIFORNIA

1/30/2017	TTSN: 2615.5	ACFT Tach time: 986.3
	Performed 100 Hour Insp on Propeller	
	check list. Profiled and greased	