

PROPELLER MAINTENANCE RECORD

Position: _____

PITCH RANGE

Propeller Model: HC-E4N-3

High/Feather: 86.0

Propeller S/N: HH2243

Start Lock: _____

Blade Design: E9083SK

Low: 21.0

Blade S/N's: _____

Reverse: -11.0

No. 1 K18877 ✓

No. 2 K18880

Aircraft Manufacturer _____

No. 3 K18884

Aircraft Model _____

No. 4 K18890

S/N: _____

~~No. 5~~ _____

Registration: _____

~~No. 6~~ _____

Spinner Assembly Part No. _____

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 24135		
4. Organization Name and Address: Tiffin Aire, Inc. 1778 West U.S. 224 Tiffin, Ohio 44883 (DTXR341D)					5. Work Order/Contract/Invoice Number: W.O.#24135		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	HARTZELL PROPELLER	HC-E4N-3	1	HH2243	OVERHAULED		
12. Remarks: COMPLETELY OVERHAULED PROPELLER AND INSTALLED NEW DE-ICE BOOTS IN ACCORDANCE WITH HARTZELL SERVICE MANUALS LISTED ON THE BACK SIDE OF THIS FORM. COMPLIED WITH SERVICE BULLETINS : 136RI, 366R3, 374R1 / SERVICE LETTERS : 61YR12, 177, 187R3, 217, 267, 279R8, 282R1, 284R1, 293R1, 347, 348, 354. BLADE MODEL NUMBER : E9083SK : BLADE SERIAL NUMBERS: K18877, K18880, K18884, K18890. AIRCRAFT HOBBS TIME: 2944.7 PROPELLER TOTAL TIME SINCE NEW: 3227.2 PROPELLER TOTAL TIME SINCE OVERHAUL: 0.0 PROPELLER TIME BETWEEN OVERHAUL: 72 CALENDAR MONTHS OR 4000 HOURS WHICHEVER OCCURS FIRST.							
13a. Certifies 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 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input 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.:	
						DTXR341D	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
				Michael R Kieffer		21/Jun/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.							

Business Directives, Service
r, and Inspections.

TBM
DAHER**MAC**
Muncie Aviation Company
An Employee Owned Company**Piper**

Reg. Mark	Hobbs/Tach	Make	Model	S/N	A/C TT	ETT	Cycles	PTSOH
N700ZF	2944.7	Hartzell	HC-E4N-3	HH2243	3227.14	3227.14	2238	0

Annual/B (B+) Inspection C/W ref TBM Service manual chapter 5-20-03

I Certify that this Propellor has been inspected in accordance with a Annual/B+ Inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service.

Details of the repair/inspection are on file at this C.R.S. under Shop Order No. S-19-0905

Date 6/25/2019 Signed [Signature] Inspector For Muncie Aviation Company

CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

TBM
DAHER**MAC**
Muncie Aviation Company
An Employee Owned Company**Piper**

Reg. Mark	Hobbs/Tach	Make	Model	S/N
N700ZF	2944.7	Socata	TBM700	336

Installed balance equipment. Performed series of engine ground runs adding weights to blade cuffs and spinner bulkhead as needed. Balanced from 1.006 in/s. vibration to .035 in/s vibration

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed

Details of the repair/inspection are on file at this C.R.S. under Shop Order No. S-19-0905

Date 6/26/2019 Signed [Signature] Inspector For Muncie Aviation Company

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

MAC
Muncie Aviation Company
An Employee Owned Company

Piper

Reg. Mark	Hobbs/Tach	Make	Model	S/N	A/C TT	ETT	Cycles	PTSOH
N700ZF	3033.2	Hartzell	HC-E4N-3	HH2243	3315.64	3315.64	2239	88.5

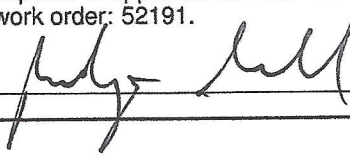
Annual/A (A+) Inspection C/W ref TBM Service manual chapter 5-20-02


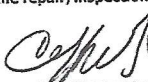

I Certify that this Propellor has been inspected in accordance with a Annual/A+ Inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service.

Details of the repair/inspection are on file at this C.R.S. under Shop Order No. S-20-1396

Date 7/1/2020 Signed [Signature] Inspector For Muncie Aviation Company

CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

Date	Propeller TSN	TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <p>wo: 52191</p> <p>STELLAR AVION <small>Quality nonstop</small></p> <p><small>Stellar Avion - 800 Aviation Drive - Camarillo, California 93010 - 8184866792</small></p> </div> <div> <p>Propeller - page 1 of 1</p> </div> </div>				
<div style="display: flex; justify-content: space-between;"> <div> <p>N700ZF HOBBS: 3178.8</p> </div> <div> <p>October 22, 2021</p> </div> </div> <ol style="list-style-type: none"> 1. Removed Propeller in order to access engine removal for overhaul, re-installed and balanced propeller after engine work Per Hartzell MM Chapter 61 2. Performed a "C" inspection plus annual Per Daher MM Chapter 05-20-04 and 05-20-05 and Hartzell MM Chapter 149. All AD's checked through revision 10-20-2021. Daher check list meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D. 3. Performed propeller De-ice circuit resistance check Per Hartzell MM, Ops check good. 4. Dressed, painted, and re-balanced the aircraft propeller Per Daher MM Chapter 61 and Hartzell MM 149 and MicroVibe II. <p>With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Stellar Avion under work order: 52191.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> <p>Rodrigo Sandoval A&P and IA 2784780</p> </div> <div>  </div> <div> <p>10/22/2021</p> </div> </div>				

Date	Propeller TSN	TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
 C.R.S X1IR595Y <div style="text-align: right;">Page 1 of 1</div> <div style="text-align: center; margin-top: 10px;">205 Durley Ave Suite A Camarillo, CA 93010 Phone: (805)389-1188 Fax: (805) 389-3323</div>				
N700ZF		Work Order No: MXCA1033		November 17, 2022
Propeller MFR: Hartzell			Model: HC-E4N-3/E9083S(K)	SN: HH2243
HOBBS: 3,537.90	TSN: 3,537.90	TSO: 310.70		
<p>Complied with an "A" inspection plus annual in reference to Daher MM Chapter 05-20-02, 05-20-05 and Hartzell MM 149. All AD's checked through revision 2022-23; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.</p> <p>Complied with 12 month de-ice circuit resistance check in the propeller de-icing system I.A.W. Hartzell Manual 180, Paragraph E, Page 5-40. No defects noted.</p> <p>Performed propeller balance I.A.W. Hartzell MM 149. IPS: 0.016, RPM: 1658.</p> <p>Dressed and painted the aircraft propeller I.A.W. Hartzell MM 149.</p> <p>This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. MXCA1033.</p> <div style="text-align: right; margin-top: 20px;">  Signature </div> <div style="text-align: right; margin-top: 10px;">  11/17/2022 Date </div>				
For: FAA Approved Repair Station # C.R.S X1IR595Y				