

WARRANTY

This component (model and serial number indicated below) is conditionally guaranteed to be free from defect in material and workmanship for three years from date of purchase. If any defect in material or workmanship causes or contributes to this component not functioning properly, Tanis Aircraft Services will honor the warranty in the following manner:

Tanis Aircraft Products

P.O. Box 117
Glenwood, MN 56334
800-443-2136
www.tanisaircraft.com

Item: *Engine Preheater*P/N: *TAS100-12* W/OPT. TAS76 ELEMENTS

S/N: 40125

Eligible On: *See Reverse*

For complete application and interchange listings see
Tanis Aircraft master sheet.

Retain this section with aircraft documents.

the power lead when installed. Work out an air bubble to assure good heater layer and press in place between the two drain plugs. (To hold the heater in place it may be necessary to tape it to the sump while the sealant cures. In some installations folded up cardboard can be wedged in to apply pressure on the heater pad.) This heating element should be left overnight to bond properly and then the edges of the element should be resealed with the supplied sealant.

On the top side of the engine crankcase clean an area with MEK or butyrate thinner just aft of the oil filler, (LH case 1/2) and apply the additional TAS300A heater using the same process as was used on the oil sump. Be sure the power leads will reach the harness. Pressure may be applied to the top case element while it cures by using a pressure block. Shape a block on high density Styrofoam to fit the curvature of the crankcase. Place this over the element and secure it in place with safety wire. The TAS300A heater should be left overnight to cure and then the edges of the element should be resealed if necessary. **NOTE: DO NOT apply heat to bond on elements to hasten bonding.** This may damage the sealant.

Install the lead mount to support the wires to the lower sump element. Connect the heaters to the harness and then secure the harness with tie wraps. (Determine that the cylinder leads are routed away from exhaust stacks before tying.) The ground terminal should be connected to a rocker cover screw. The wiring harness should be routed and clamped to comply with AC43:13-1.

Instruction # 104

hole provided for a bayonet type

element with an
as one will be damaged
will vary with the wattage

ed. It will burn out!

MEK or butyrate thinner. Remove any
nine that the sump heater will reach
t to the TAS300A pad in a thin even

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It is important to understand that the existence of the user/installer ensures that in all cases the aircraft may be flown where the user/installer performs work in accordance with Block 1 specified in Block 1, it is essential that the user/installer before the aircraft is flown must be authorised by the user/installer before the aircraft is flown. Statements in Blocks 13a and 14a do not constitute installation before the aircraft is flown. Statements with the national regulations by the user/installer before the aircraft is flown.

FAA Form 8130-3 (02/14)

FAA Form 0-1

otherwise specified

445,5982

The work identified in Block 12 and described in Block 13 except as otherwise indicated, is hereby released to service under EASA acceptance Certificate number EASA 142-172.

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 23970	
4. Organization Name and Address: Mike's Fuel Metering Service (HK2R875K) 9406 E. 46th St. North Tulsa, OK 74117		5. Work Order / Invoice Number 23970		6. Status/Work	
6. Item	7. Description Control Valve 656785-2	8. Part/Number	9. Eligibility* (VARIOUS)	10. Qty 1	11. Serial/Batch Number A0SKA0a5
13. Remarks: Certifies the items identified above were manufactured in conformity to: ☒ Approved design data are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.		14. CFR 43.9 Returned to Service ☐ Other regulation specified in Block 13		15. Date (m/d/y): 4-28-11	
16. Authorized Signature: [Signature]		17. Approval/Authorization No: HK2R875K		18. Date (m/d/y): 4-28-11	
19. Name (Typed or Printed): Mike's Fuel Metering Service		20. Authorized Signature: [Signature]		21. Approval/Certificate No: HK2R875K	

FAA Form 8130-3 (9-03)

ready for release to service. Attached Work Order Summary for details. (2) pages

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JASON SANDERS

Jul/2/2013

responsibilities

constitute authority to install the part/component/assembly. Where the user/installer performs the work under the authority of the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer is licensed by the Airworthiness Authority of the country specified in block 1.

Maintenance records must contain an installation certification issued in accordance

ibility with applicable technical data.

NSN: 0052-00-012-9005

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FAA Form 8130-3 (02/14)

NSN 0052-00-012-900

NSN: 0052-00-0

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.

Approval/Certificate No.:
Date (dd/mm/yyyy):
a) article(s) from the
b) article(s) from the

1. Approving Civil Aviation Authority (Country): FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Filing Number: 7631393	
4. Organization, Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215					
6. Item: 10	7. Description: BELT ASSEMBLY SEAT R.H.	8. Part Number: 5-01-460710	9. Quantity: 1	10. Serial Number: N/A	11. Status Work: New
12. Remarks:					
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.					
13b. Authorized Signature: <i>Jennifer Fisher</i>		13c. Approval Authorization No.: PC4		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.	
13d. Name (Typed or Printed): JENNIFER FISHER		13e. Date (dd/mm/yyyy): 10/Mar/2021		14b. Authorized Signature: 14c. Approval/Certificate No.: 14d. Name (Typed or Printed): 14e. Date (dd/mm/yyyy): n specified in block 12	

AUTHORIZED RELEASE DOCUMENT

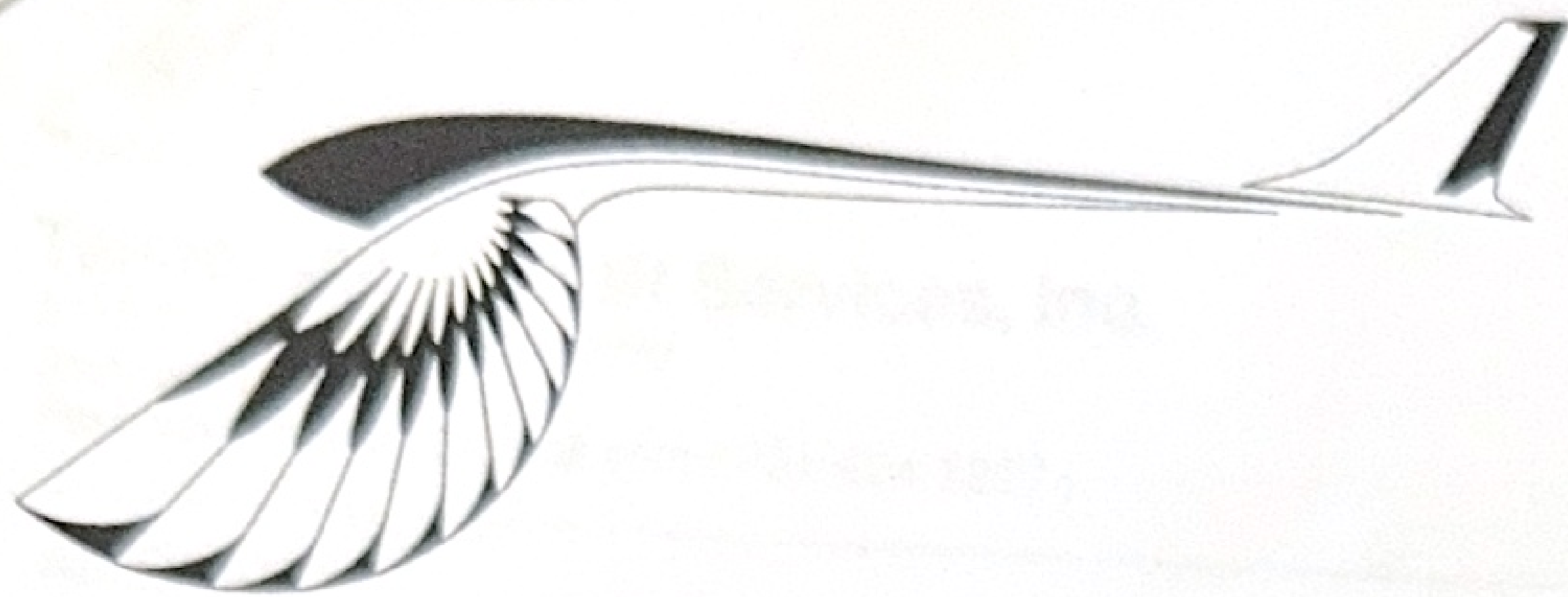
PO#: 6143

12664

5. Work Order/Contract Invoice Number: 4270520					
6. Item: 40					
7. Description: SEAL, COPPER-1875 TUBE OD		8. Part Number: SECO7C3L		9. Quantity: 1	
10. Serial Number: N/A		11. Status Work: New			
12. Remarks: AUTHORIZED RELEASE DOCUMENT PO#: 6160					
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: <i>Terry Weeks</i>		13c. Approval Authorization No.: PC4		14b. Authorized Signature: 14c. Approval/Certificate No.: 14d. Name (Typed or Printed): TERRY WEEKS	
13d. Name (Typed or Printed): TERRY WEEKS		13e. Date (dd/mm/yyyy): 22/Mar/2021		14d. Name (Typed or Printed): 14e. Date (dd/mm/yyyy): n specified in block 12	
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.					

FAA Form 8130-3 (02/14)

NSN: 0052-00-012-900



Tennessee Aircraft Services, Inc.

2313 Technology Center Drive
Jackson, TN 38301

4-7227

Bill To

WORK ORDER

WORK ORDER

Date opened

50862

12/12/2018

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only until said components are reclaimed at this
employees of this facility.

12-2018

Model 1600

Model GTX-

Model 1535-L

Garmin

Model GDC

Garmin

Model GTX-

Garmin

Model Stand

GEA

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Garmin

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Performed

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encoder were tested and were
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oved aircraft as listed in the STC documentation.

are new and have been manufactured in accordance
nts of the approved data.

ment Specialist

Flight, Inc.

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