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|--|--|---|
| 1. Approving Civil Aviation Authority/Country: FAA/United States | 2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG | 3. Form Tracking Number: W42982 |
|--|--|---|


| | |
|--|---|
| 4. Organization Name and Address: Aerostar 2248 Michigan Ave. Mobile, AL 36615 Ph: 251-650-0927, Fax: 251-281-2642 | 5. Work Order/Contract/Invoice Number: 070751 |
|--|---|

| FAA Repair Station: 8AXR864B | | | | | |
|------------------------------|--------------------------------|-----------------|--------------|--------------------|------------------|
| 6. Item: | 7. Description: | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work: |
| 1 | PRECOOLER CONTROL VALVE SENSOR | 129666-3 | 1.00 | 9689 | OVERHAULED |

12. REMARKS:
The work specified has been accomplished in accordance with: CMM 36-13-99, Revision #: 10, Revision Date: 7/5/2023

TSN: CSN: Certifies that the work specified in block 11/12 was carried out in accordance with EASA part 145 and in respect to that work the [PRODUCT/ARTICLE] is
TSO: 0 CSO: 0 considered ready for release to service under EASA part 145 approval no. EASA 145-6371.

| | | |
|--|--|--|
| 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 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. | <input checked="" type="checkbox"/> Other regulation specified in Block 12 |
|--|--|--|

| | | | |
|----------------------------|----------------------------------|---|--|
| 13b. Authorized Signature: | 13c. Approval/Authorization No.: | 14b. Authorized Signature:  | 14c. Approval/Certificate No.: 8AXR864B |
|----------------------------|----------------------------------|---|--|

| | | | |
|-------------------------------|-------------------------|---|--|
| 13d. Name (Typed or Printed): | 13e. Date (dd/mm/yyyy): | 14d. Name (Typed or Printed): Ryan Dey | 14e. Date (dd/mm/yyyy): 31 Oct 2023 |
|-------------------------------|-------------------------|---|--|

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.

Statement 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.



Aerostar
2248 Michigan Ave.
Mobile, AL 36615
Ph: 251-650-0927, Fax: 251-281-2642

Tear Down/Inspection

Work Order #: W42982

Customer PO: 070751

To:
ITS
450 E. Elliot Road
Chandler, AZ 85225
USA

Ship To:
ITS
450 E. Elliot Road

CHANDLER, AZ 85225
USA

Part Number: 129666-3
Serial Number: 9689
Description: PRECOOLER CONTROL VALVE SENSOR

Incoming:
UNIT DIRTY, PACKING FLAT

Teardown:
FAILED FUNCTIONAL TEST, PACKING COMPERMISED. REQUIRES ADJUSTMENT

Corrective Actions:
PERFORMED OVERHAUL AND TEST IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.

| Part Number | Serial Number | Description | Qty Requested | Qty Issued |
|-------------|---------------|-------------|---------------|------------|
| CON123 | | CONSUMABLES | 1 | 1 |
| S8990-611 | | PACKING | 1 | 1 |
| S8990-019 | | PACKING | 1 | 1 |
| S8990-014 | | PACKING | 1 | 1 |

Honeywell

COMPONENT MAINTENANCE MANUAL

129666

| UNIT PART NUMBER: <u>W42982</u> | | UNIT SERIAL NUMBER: <u>9689</u> | |
|--|--|---------------------------------|-------------|
| AMBIENT TEMPERATURE: <u>70</u> °F (°C) | BAROMETRIC PRESSURE: _____ IN. (MM) HG A | PERCENT HUMIDITY: <u>40</u> % | |
| TEST | REQUIREMENT | ACTUAL VALUE | ACCEPT (v) |
| SUPPLY PRESSURE: 19.8 TO 21.0 IN. (503 TO 533 MM) HG DUCT TEMPERATURE: 440°F (226.7°C) MAX CONTROL ORIFICE: 0.070 IN. (1.778 MM) DIA. | OUTPUT SIGNAL: LESS THAN 8.2 IN. (208 MM) HG | <u>7.33</u> | <u>7.33</u> |
| SUPPLY PRESSURE: 19.8 TO 21.0 IN. (503 TO 533 MM) HG DUCT TEMPERATURE: 387°F (197°C) MIN. CONTROL ORIFICE: 0.024 IN. (0.609 MM) DIA. | OUTPUT SIGNAL: GREATER THAN 16.0 IN. (406 MM) HG | <u>19.1</u> | |
| UNIT ACCEPTED: _____ (TEST TECHNICIAN) | DATE: <u>10/30/23</u> | ACCEPT: <u>✓</u> | |
| UNIT ACCEPTED: _____ (QUALITY ASSURANCE) | DATE: <u>31 OCT 23</u> | ACCEPT: <u>✓</u> | |

ICN-59364-0000749243-002-01

Figure 1002. Test Data Sheet

EFFECTIVITY _____

ALL

36-13-99

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