

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

SIGNATURE — KIND OF INSPECTION-STATUS & DISCREPANCY LIST  
CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

8/10/23 HOBBS 1122.4 FLIGHT METER 921.5 AIRFRAME LOG ENTRY FOR N825JC CIRRUS SR22T S/N 0752

REMOVED ENGINE TSIO55K1B S/N 1009926 FROM N825JC AND INSTALLED CONTINENTAL REBUILT ENGINE MODEL TSIO550K1B S/N 1045505 ALONG WITH NEW EXHAUST SYSTEM, TURBOS, TURBO CONTROLLER, MAGS AND ELECTRICAL SYSTEM, FUEL SYSTEM, ALL FLUID CARRYING HOSES, STARTER AND BOTH ALTERNATORS, SEE NEW ENGINE LOG BOOK FOR FURTHER DETAILS AND COMPONENT PART AND SERIAL NUMBERS. ALSO INSTALLED NEW MT PROPELLER MODEL MTV-14-D S/N 221078 AND REVISED WEIGHT AND BALANCE TO REFLECT CHANGES. SEE 337 DATED THIS DATE FOR PROPELLER INSTALLATION.

BASIL PELTON

AP

A

12/28/2024 ~~2023~~ HOUR METER 1138.1 FLIGHT METER 932.0 AIRFRAME LOG ENTRY FOR N825JC, CIRRUS SR22T S/N 0752

COMPLETED ANNUAL INSPECTION ON AIRCRAFT THIS DATE, AIRCRAFT WAS OPENED, INSPECTED AND LUBED, C/W FAR 91.207(D) BY INSPECTION AND TEST OF ELT, BATTERY EXPIRY DATE IS JAN 2027. SEE CURRENT AD NOTE LIST IN AIRCRAFT RECORDS. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

BASIL PELTON

AP

IA

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST  
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

7/22/2024 HOUR METER 1138.1 FLIGHT METER 932.0 AIRFRAME LOG ENTRY FOR N825JC, CIRRUS SR22T S/N 0752

REMOVED ENGINE TSIO550K1B, S/N 1045505 DUE TO LOSS OF OIL PRESSURE, AND INSTALLED CONTINENTAL REBUILT ENGINE TSIO550K1B, S/N 1047277 ALONG WITH ALL NEW EXHAUST, TURBOS, TURBO CONTROLLER, MAGS AND HARNESS, NEW FUEL SYSTEM, STARTER, BOTH ALTERNATORS AND ALL FLUID CARRYING HOSES, SEE NEW ENGINE LOG BOOK FOR FURTHER DETAILS INCLUDING COMPONENT PART AND S/N'S, REINSTALLED MT PROPELLER MODEL MTV-14-D, S/N 221078 AFTER FLUSH AND RESEAL BY INTERCONTENTAL JET SERVICE CORP, TULSA OK. ALSO INSTALLED NEW SHIP BATTERY P/N G243D AFTER SERVICING AND CHARGING.

BASIL PELTON

AP A

7/25/2024 HOUR METER 1138.1 FLIGHT METER 932.0 AIRFRAME LOG ENTRY FOR N825JC, CIRRUS SR22T S/N 0752

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND DETERMINED TO BE IN AN AIRWORTHY CONDITION FOR A FERRY FLIGHT FROM RIVERSIDE AIRPORT (RVS) TO TULSA INTERNATIONAL AIRPORT (TUL)

BASIL PELTON

AP IA

# INSPECTION RECORD

## F.A.R. 43.11-91.409

DATE

AIRCRAFT TIME  
IN SERVICE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST  
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

2/4/2022 HOBBS 1079.5 FLIGHT HOURS 0890.0 AIRFRAME LOG ENTRY FOR N825JC CIRRUS SR22

REMOVED OLD #2 ALTERNATOR P/N ES-7024-14 AND OLD CABLE ASSY P/N MCU140 WHICH RUNS FROM ALTERNATOR TO THE MASTER CONTROL UNIT. INSTALLED NEW ALTERNATOR P/N ES-7024-14, S/N H-V112726 AND NEW CABLE ASSY P/N MCU140. AIRCRAFT WAS GROUND RUN AND TEST FLOWN TO CONFIRM PROPER OPERATION.

BASIL PELTON

AP

IA

12/5/2022 HOBBS 1085.5 FLIGHT HOURS 911.0 AIRFRAME LOG ENTRY FOR N825JC CIRRUS SR22T S/N 0752

COMPLETED ANNUAL INSPECTION THIS DATE, C/W FAR 91.207 (D) BY INSPECTION AND TEST OF ELT, BATTERY EXPIRY DATE IS JAN 2027, REPLACED BOTH MAIN TIRES WITH NEW GOODYEAR P/N 156E06-1 ( 15X600-6-10PL ) NEW WHEEL HALF O RINGS P/N 31493-110, REPLACED BOTH INDUCTION AIR FILTERS WITH NEW P/N 27166-001, C/W FAR 91.411 AND 91.413 BY DENTON AVIATION ( SEE ENTRY DATED THIS DATE ) SEE CURRENT AD NOTE LIST IN AIRCRAFT RECORDS. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTION IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

BASIL PELTON

AP

IA





# Continental Motors

## Engine Component Information Sheet

Printed: 06/20/2024

Serial: 1047277

Spec: TSI0550K1B

New/Rebuilt: (REBUILT)

Assembled: / /

Shipped: / /

Packed: JUN 20 2024

Customer Name: CIRRUS DESIGN CORPORATION

Shipping Address: DULUTH INTERNATIONAL AIRP

| Component      | Serial Number |
|----------------|---------------|
| CAMSHAFT       | 553715-2      |
| CRANKSHAFT     | N24BA045      |
| CRANKCASE      | R24DA740      |
| CONNROD        | AE23HI676CP   |
| CONNROD        | AE23HI653CP   |
| CONNROD        | AE23HI681CP   |
| CONNROD        | AE23HI968CP   |
| CONNROD        | AE23HI661CP   |
| CONNROD        | AE23HI644CP   |
| L MAGNETO      | D24DA658      |
| R MAGNETO      | D24CA573      |
| FUEL PUMP      | B24CA496      |
| MANIFOLD VALVE | C24DA501      |
| METERING UNIT  | A24EA774      |
| STARTER        | H-Y041252     |
| ALTERNATOR     | H-X092248     |
| NOZZLE - 6     | 6526          |

| Component       | Serial Number |
|-----------------|---------------|
| STARTER ADAPTER | H-Y031152     |
| L. TURBO        | H-AJR00121    |
| R. TURBO        | H-AJR00120    |
| WASTEGATE       | H-BCN00149    |
| OIL COOLER      | I23-23579-180 |
| CYLINDER-1      | AC24EM407     |
| CYLINDER - 2    | AC24DL940     |
| CYLINDER - 3    | AC24DL732     |
| CYLINDER - 4    | AC24EM395     |
| CYLINDER - 5    | AC24EM330     |
| CYLINDER - 6    | AC24DL919     |
| NOZZLE - 1      | 1515          |
| NOZZLE - 2      | 2531          |
| NOZZLE - 3      | 3531          |
| NOZZLE - 4      | 4531          |
| NOZZLE - 5      | 5520          |

### Pack Inspection Stamp

All of the information provided herein is subject to verification by the user. Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

|                                                                                                                                 |                  |                                                                                                |              |                                                                    |                  |
|---------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------|------------------|
| 1. Approving Civil Aviation - Authority/Country:<br><br>FAA/United States                                                       |                  | 2.<br><br><b>AUTHORIZED RELEASE CERTIFICATE</b><br>FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG |              | 3. Form Tracking Number:<br><br>3491CA                             |                  |
| 4. Organization Name and Address:<br><br>Continental Aerospace Technologies, Inc. 2039 S Broad St Mobile AL 36615 United States |                  |                                                                                                |              | 5. Work Order/Contract/Invoice Number:<br>Item Fulfillment #IF3738 |                  |
| 6. Item:                                                                                                                        | 7. Description:  | 8. Part Number:                                                                                | 9. Quantity: | 10. Serial Number:                                                 | 11. Status/Work: |
| 1                                                                                                                               | ENGINE - REBUILT | R-TSIO-550-K1B                                                                                 | 1            | 1047277                                                            | Rebuilt          |

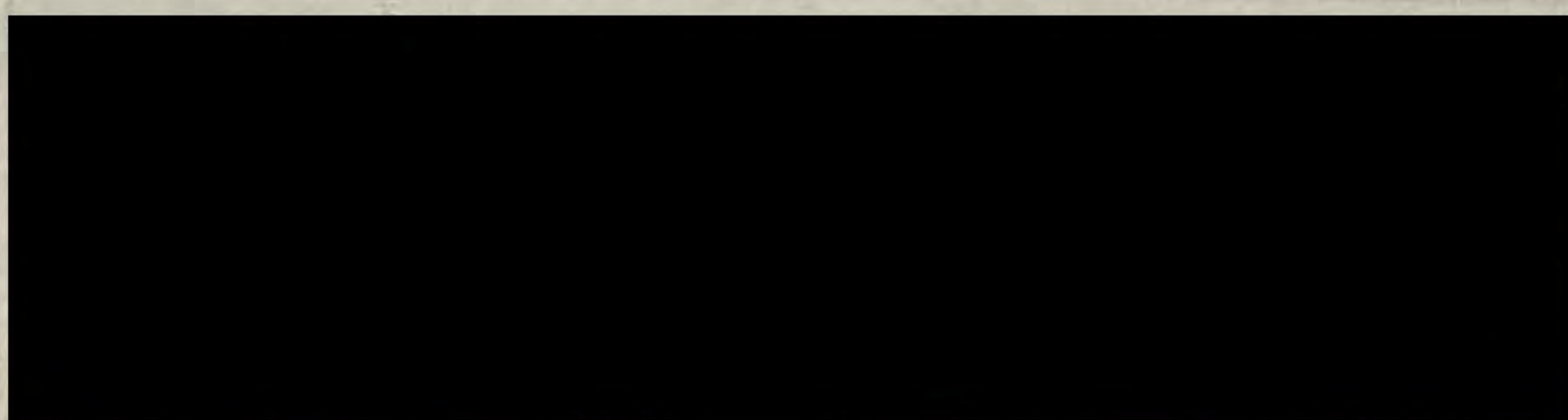
**12. Remarks:**  
 Rebuilt to original PAH's specifications in accordance with 14 CFR §43.3(j).  
 Total Time: 0  
 Preservation: This Engine was treated 6/21/2024 for one hundred eighty days corrosion protection

**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 Box 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.: |  |
|                               |  |                                  |  |  |  | 796068054                      |  |
| 13d. Name (Typed or Printed): |  | 13e. Date (dd/mm/yyyy):          |  | 14d. Name (Typed or Printed):                                                         |  | 14e. Date (dd/mm/yyyy):        |  |
|                               |  |                                  |  | Joshua B LaVigne                                                                      |  | 21 Jun 2024                    |  |

### 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.



2039 South Broad Street  
Mobile, AL 36615  
251-438-3411

EPN# IF3738  
Customer# 91000  
Date  
Ship Via FedEx Freight  
AOG Order Y  
Warranty Y

BASIL PELTON

Ship To

CONTINENTAL MOTORS WARRANTY

Bill To:

| Carton# | PO#     | Sales Order | Part#          | Description      | QTY |
|---------|---------|-------------|----------------|------------------|-----|
| IF3738  | CASE153 | SO11141     | AOG CHARGE     | AOG CHARGE       | 1   |
| IF3738  | CASE153 | SO11141     | R-TSIO-550-K1B | ENGINE - REBUILT | 1   |

It is hereby certified that all materials or parts on this shipment are in conformance with the requirements, specifications, and/or drawings listed for the above engine model/part number.

Michael E. Ward  
Director, Compliance

Shipping Clerk

Date

6-21-24

Thank you for purchasing Genuine Continental Engines and Parts!

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BASIL PELTON  
[REDACTED]  
AP [REDACTED] SIA

2/5/2022 HOBBS 1085.5 FLIGHT HOURS 911.0 AIRFRAME LOG ENTRY FOR N825JC CIRRUS SR22T S/N 0752

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BASIL PELTON  
[REDACTED]  
AP [REDACTED] SIA

# INSPECTION RECORD

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BASIL PELTON

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I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND DETERMINED TO BE IN AN AIRWORTHY CONDITION FOR A FERRY FLIGHT FROM RIVERSIDE AIRPORT (RVS) TO TULSA INTERNATIONAL AIRPORT (TUL)

BASIL PELTON

**INSPECTION**  
**F.A.R. 43.1**

|      |                             |                   |
|------|-----------------------------|-------------------|
| DATE | AIRCRAFT TIME<br>IN SERVICE | SIGNATURE — CERT. |
|------|-----------------------------|-------------------|

DATE \_\_\_\_\_

**AIRCRAFT TIME  
IN SERVICE**

**SIGNATURE — CERT.**

*Alternator install replacement 2/15/22*

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                             |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                                   |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------|--------------------------------|
| 1. Approving Civil Aviation Authority/Country:<br>FAA/UNITED STATES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                             | 2. <b>AUTHORIZED RELEASE CERTIFICATE</b><br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG |                                                                                                                                                                                                                                                                                                                                                                                                                    |                               | 3. Form Tracking Number:<br>H-V112726             |                                |
| 4. Organization Name and Address:<br>HARTZELL ENGINE TECHNOLOGIES, [REDACTED]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |                               | 5. Work Order/Contract/Invoice Number: [REDACTED] |                                |
| 6. Item:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7. Description:             | 8. Part Number:                                                                         | 9. Quantity:                                                                                                                                                                                                                                                                                                                                                                                                       | 10. Serial Number:            | 11. Status/Work:                                  |                                |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ALTERNATOR<br>**** END **** | ES-7024-14                                                                              | 1                                                                                                                                                                                                                                                                                                                                                                                                                  | H-V112726                     | NEW                                               |                                |
| 12. Remarks:<br>AIRWORTHINESS APPROVAL- PARTS.FOR PMA ELIGIBILITY SEE WWW.HARTZELL.AERO/PMA/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                                   |                                |
| 13a. Certifies the items identified above were manufactured in conformity to:<br><br><input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation.<br><input type="checkbox"/> Non-approved design data specified in Block 12.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                                                                         | 14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12:<br><br>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:<br>[REDACTED]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             | 13c. Approval/Authorization No.:<br>[REDACTED]                                          |                                                                                                                                                                                                                                                                                                                                                                                                                    | 14b. Authorized Signature:    |                                                   | 14c. Approval/Certificate No.: |
| 13d. Name (Typed or Printed):<br><b>James Murphy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             | 13e. Date (dd/mm/yyyy):<br><b>19-Nov-2021</b>                                           |                                                                                                                                                                                                                                                                                                                                                                                                                    | 14d. Name (Typed or Printed): |                                                   | 14e. Date (dd/mm/yyyy):        |
| <b>User/Installer Responsibilities</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                             |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                                   |                                |
| It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.<br><br>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.<br><br>Statements in Block 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. Approving Civil Aviation Authority/Country:<br>FAA/UNITED STATES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                             | 2. <b>AUTHORIZED RELEASE CERTIFICATE</b><br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                             | 3. Form Tracking Number:<br>H-V112726                |                                              |
| 4. Organization Name and Address:<br>HARTZELL ENGINE TECHNOLOGIES, 2900 SELMA HWY., MONTGOMERY, AL 36108 PQ1383CE-D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                             |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                             | 5. Work Order/Contract/Invoice Number:<br>[REDACTED] |                                              |
| 6. Item:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7. Description:             | 8. Part Number:                                                                         | 9. Quantity:                                                                                                                                                                                                                                                                                                                                                                                                       | 10. Serial Number:                          | 11. Status/Work:                                     |                                              |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ALTERNATOR<br>**** END **** | ES-7024-14                                                                              | 1                                                                                                                                                                                                                                                                                                                                                                                                                  | H-V112726                                   | NEW                                                  |                                              |
| 12. Remarks:<br>AIRWORTHINESS APPROVAL- PARTS FOR PMA ELIGIBILITY SEE WWW.HARTZELL.AERO/PMA/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                             |                                                      |                                              |
| 13a. Certifies the items identified above were manufactured in conformity to:<br><br><input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation.<br><input type="checkbox"/> Non-approved design data specified in Block 12.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |                                                                                         | 14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12.<br><br>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:<br>[REDACTED]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             | 13c. Approval/Authorization No.:<br>[REDACTED]                                          |                                                                                                                                                                                                                                                                                                                                                                                                                    | 14b. Authorized Signature:<br>[REDACTED]    |                                                      | 14c. Approval/Certificate No.:<br>[REDACTED] |
| 13d. Name (Typed or Printed):<br>James Murphy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             | 13e. Date (dd/mmm/yyyy):<br>19-Nov-2021                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                    | 14d. Name (Typed or Printed):<br>[REDACTED] |                                                      | 14e. Date (dd/mmm/yyyy):<br>[REDACTED]       |
| <p align="center"><b>User/Installer Responsibilities</b></p> <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 Block 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> |                             |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                             |                                                      |                                              |



P/N: ES-7024-14  
 S/N: H-V112726  
 W/O: XXXXXXXXXX  
 Description: ALT, 24V, 70A

Pass

07/12/2001

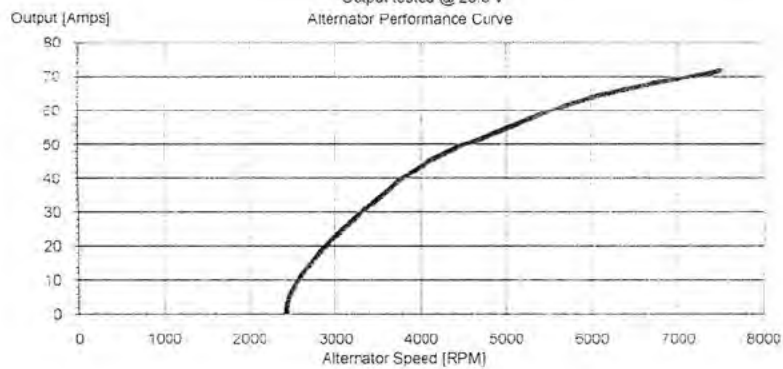
This alternator has an external voltage regulator. Some parameters do not apply to some units and for informational purpo

## Test Results Table:

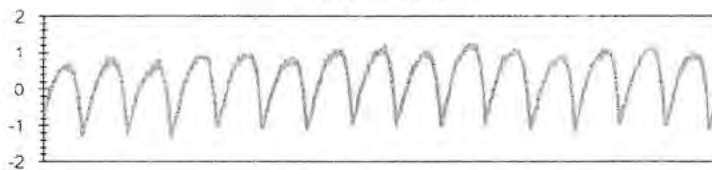
|                           |       |       |
|---------------------------|-------|-------|
| Maximum Alternator Output | Amps  | 71.67 |
| Maximum Output Power      | Watts | 1637  |
| Leakage Current           | mAmps | 0.2   |
| Ripple Current            | Amps  | 2.91  |
| Alternator Turn On Speed  | RPM   | 2428  |
| Field Current             | Amps  | 3.560 |

|                            |      |       |
|----------------------------|------|-------|
| Output Current at 2500 RPM | Amps | 7.26  |
| Output Current at 3000 RPM | Amps | 22.74 |
| Output Current at 4000 RPM | Amps | 43.44 |
| Output Current at 5000 RPM | Amps | 54.65 |
| Output Current at 6000 RPM | Amps | 63.64 |
| Output Current at 7500 RPM | Amps | 71.67 |
| Output Current at 0 RPM    | Amps | 0     |
| Output Current at 0 RPM    | Amps | 0     |
| Output Current at 0 RPM    | Amps | 0     |
| Output Current at 0 RPM    | Amps | 0     |
| Output Current at 0 RPM    | Amps | 0     |

Output tested @ 25.6 V  
 Alternator Performance Curve



Ripple Current @ 2500 RPM



Install in N825JC 4/26/21

|                                                                                                                                      |                  |                                                                                         |              |                                                                                                                                   |                  |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------|
| Approving Civil Aviation Authority/Country:<br>FAA / UNITED STATES                                                                   |                  | 2. <b>AUTHORIZED RELEASE CERTIFICATE</b><br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG |              | 3. Form Tracking Number:<br>1806-0                                                                                                |                  |
| Organization Name and Address: Teledyne Battery Products<br><div style="background-color: black; width: 150px; height: 20px;"></div> |                  | PMA Number: PQ1006NM                                                                    |              | 5. Work Order/Contract/Invoice Number:<br><div style="background-color: black; width: 100px; height: 20px;"></div><br>Page 1 of 1 |                  |
| Item:                                                                                                                                | 7. Description:  | 8. Part Number:                                                                         | 9. Quantity: | 10. Serial Number:                                                                                                                | 11. Status/Work: |
| 1                                                                                                                                    | Aircraft Battery | 7243-14                                                                                 | 15           | N/A                                                                                                                               | NEW              |

Remarks: AIRWORTHINESS APPROVAL - This is the certification statement for the products listed on the attached Serial Number Log Document dated 26/Feb/2021, containing page(s) with form tracking number 1806-0 on each page.

|                                                                                                                                                                                                                                                               |                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                              |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 3a. Certifies the items identified above were manufactured in conformity to:<br><input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.<br><input type="checkbox"/> Non-approved design data specified in Block 12. |                                                                                                             | 14a <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12<br>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. |                                |
| 3b. <div style="background-color: black; width: 150px; height: 30px;"></div>                                                                                                                                                                                  | 13c. Approval/Authorization No.:<br><div style="background-color: black; width: 50px; height: 20px;"></div> | 14b. Authorized Signature:                                                                                                                                                                                                                                                                                                                                                                                   | 14c. Approval/Certificate No.: |
| 13d. Name (Typed or Printed):<br>James Ellison                                                                                                                                                                                                                | 13e. Date (dd/mm/yyyy):<br>26/Feb/2021                                                                      | 14d. Name (Typed or Printed):                                                                                                                                                                                                                                                                                                                                                                                | 14e. Date (dd/mm/yyyy):        |

### 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.

