



N37HC Book #6



The Standard

**AIRCRAFT LOG**

ASA-SA-2

RECOMMENDED PRACTICES FOR  
GILL Battery Log



#7

**AIRCRAFT  
MAINTENANCE RECORDS**

N5156K

**AIRFRAME  
LOG BOOK**









Repair Station #: W6NR985J

June 08, 2022

<b>Registration #:</b> N515GK	<b>Total AC Time:</b> 9,422.5	<b>Total AC Cycles:</b>
<b>Manufacturer:</b> Raytheon Aircraft Company		
<b>Part/Model number:</b> E90	<b>Aircraft Serial Number:</b> LW-108	
<b>Work Order No:</b> TRB9096	<b>Date:</b> 06/08/2022	

**Squawk**

- 1.1 REMOVED LEFT PROPELLER FOR OVERHAUL, RECEIVED OVERHAULED PROPELLER, INSPECTED AND INSTALLED ON AIRCRAFT IAW AD83-08-01, REV 2, OPERATIONAL AND LEAK CHECKED SATISFACTORY.
- 1.2 COMPLIED WITH DYNAMIC BALANCE OF LH PROPELLER POST OVERHAUL IAW BEECH E90 AMM 61-00-00.
- 1.3 BONDED AND SEALED NEW SURPLUS RH NACELLE MIRROR PN: 474-365 AS NEEDED IAW BEECHCRAFT KING AIR 90 SERIES STANDARD PRACTICES MANUAL 20-10-00.

**All Work Performed I.A.W.** Raytheon Aircraft Company E90 Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number TRB9096.

Signature

For Winner Aviation Repair Station #W6NR985J



Repair Station #: W6NR985J

June 24, 2022

<b>Registration #:</b> N515GK	<b>Total AC Time:</b> 9,474.5	<b>Total AC Cycles:</b>
<b>Manufacturer:</b> Raytheon Aircraft Company		
<b>Part/Model number:</b> E90	<b>Aircraft Serial Number:</b> LW-108	
<b>Work Order No:</b> TRB0115	<b>Date:</b> 06/24/2022	

**Squawk**  
1.1

TROUBLESHOT YAW OF AIRCRAFT TO THE LEFT ON TAKEOFF AND LANDING FOUND LH ENGINE LOW PITCH TORQUE AND RH ENGINE LOW PITCH TORQUE OUT OF LIMITATIONS, ADJUSTED LEFT AND RIGHT ENGINES LOW PITCH TORQUE AS REQUIRED IAW RAISBECK ENGINEERING DOCUMENT 85-120 MM AND ICA.

**All Work Performed I.A.W.** Raytheon Aircraft Company E90 Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number TRB0115.

Signature

For Winner Aviation Repair Station #W6NR985J

# AIRCRAFT MAINTENANCE RECORD Page No. \_\_\_\_\_

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
<b>CARRIED FORWARD</b> →		<div style="display: flex; justify-content: space-between;"> <div> <p>701 MFG: <u>Aegsonic</u>                      AIL P/N: <u>10038-01107A</u>                      AIL S/N: <u>10038</u>                      A/C N #: <u>10038</u></p> </div> <div> <p>Steiner Aviation International                      5430 Lauty Road, Hangar 17                      North Canton OH 44720                      CRS V4NR896Y</p> </div> <div> <p>Date: <u>10/05/2022</u>                      WO #: <u>14476</u>                      T.L.: <u>32010</u></p> </div> </div> <p>THE ALTIMETER/MODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO BE SAFT FACTORY IN ACCORDANCE WITH FAR 43 APPENDIX "E" STATIC SYSTEM(S) LEAK CHECKED ALTIMETER(S) CERTIFIED BY CR TO <u>30,000</u> FT. REF. MAINTENANCE RELEASE ALTIMETER SYSTEM CERTIFIED BY STEINER AVIATION INTERNATIONAL</p> <p>SIGNATURE: [Redacted]</p> <p>DATE: <u>10/05/2022</u> CERT. NO. [Redacted]</p> <p>TYPE ANY COMMENTS HERE: [Redacted]</p> <p style="text-align: center;"><b>MAINTENANCE RELEASE</b></p> <p>The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under</p> <p>Work Order Number <u>14476</u>                      Date <u>10/05/2022</u></p> <p>Signed: [Redacted] V4NR896Y</p> <p style="text-align: right;">THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F" AND "E" PARAGRAPH C IF APPLICABLE</p> <p>#1                      TXP MAKE <u>GARMIN</u> MODEL <u>GTX 55</u>                      SERIAL # <u>8124318</u> TSO <u>C112e</u></p> <p>#2                      TXP MAKE <u>GARMIN</u> MODEL <u>GTX 321</u>                      SERIAL # <u>83700100</u> TSO <u>C112e</u></p> <p>STEINER AVIATION INTERNATIONAL INC.                      CRS V4NR896Y</p> <p style="text-align: center;"><b>CERTIFIED AIR DATA COMPUTER (S) AS PER FAR 43 APPENDIX "E", (2)</b></p> <p>MAKE <u>GARMIN</u> MOD. <u>GDC 7HA</u>                      #1 S/N <u>20612845</u> #2 S/N <u>20607135</u></p>



Grand Rapids, MI 49512  
 Phone: [Redacted] Fax: [Redacted]  
 F.A.A. Repair Station N3DR54711

**AIRCRAFT MAINTENANCE ENTRY**

Model: E90 Serial Number: LW-108 Registration: N515GK  
 TAT: 9504.4 TAC: N/A Work Order: B25710

AD 89-25-10

Performed 1,000 Hour/3Year Recurrent VISUAL, EDDY CURRENT, MAGNIFIED VISUAL and FLUORESCENT LIQUID PENETRANT inspections of the LH and RH Wing Attach Fittings and Bolts, Wing Spar Center Section and Outboard Wing Spars as described and listed below. All listed inspections were performed in accordance with AD 89-25-10, Beechcraft King Air Series S.R.M. (98-39006) (Rev. D3, 15 FEB 2022) Chapter 57-13-01 as well as all applicable F.A.A. Regulations

S.R.M. Ch. 57-13-01 Table 201		Inspection Description	Results
Index No.	Figure No.		
1	201	Performed Magnified Visual and Eddy Current Inspections of all Wing Attach Fitting Flat Surfaces, Depressions, Counterbores and Bolt Bores	No noted defects
2	202	Performed Eddy Current Inspection of the Lower Forward Wing Fitting-to-Spar Attachment	No noted defects
3	203	Performed Eddy Current Inspection of the Spar Cap in Wheel Well	No noted defects
4	204	Performed Eddy Current Inspection of the Spar Cap in Nacelle, Inboard of Wheel Well	No noted defects
5	205	Performed Eddy Current Inspection of the Lower Surface of Lower Forward Spar Cap from Nacelle to Fuselage	No noted defects
6	205	Performed Eddy Current Inspection of the Four Fastener Holes in the Lower Forward Spar Cap at the Wing Root	No noted defects
7	206	Performed Visual inspection of area under center section floor boards between the Forward and AB Spars	No noted defects
8	207	Performed Eddy Current Inspection of the Outboard Wing Lower Main Spar Cap from Wing Attach Fitting to Tie Down	No noted defects
9	209	Performed Visual inspection of the Outboard Wing Upper and lower Main Spar Caps	No noted defects
10	211 thru 215	Performed Magnified Visual and Fluorescent Penetrant Inspections of the Wing Attach Bolts and Nuts	No noted defects

Defect(s)/Discrepancy(ies): NONE

Winner Aviation FAA CRS# W6NR985J performed the removal and installation of all panels and bolts under WO # TRB9168. These examinations as described above were performed in accordance with Current Federal Aviation regulations and the current and applicable references as listed above, unless otherwise listed in the above Defect(s)/Discrepancy(ies) box, that work described herein is to be considered approved for a return to service. Pertinent details of this inspection are maintained on file at this Repair Station under Work Order # 14476

Performed by Beech SRM [Redacted] Inspector: [Redacted] Date: 06 SEP 2022  
 CRS Number: [Redacted]





Repair Station # [REDACTED]

September 07, 2022

Manufacturer: Pratt & Whitney  
Part/Model number: PT6A-28  
Work Order No: TRB9168

TSN/ISO: 10.130.80 / 6.495.50  
Serial Number: PCE-50640  
Date: 09/07/2022

CSN/CSO: 10.008.00 / N/A

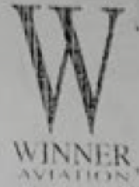
Squawk

- 1.1 COMPLETED WITH 100-150, 200-300, 400-450 HOUR INSPECTION OF LEFT ENGINE LAW MORE INSPECTION CHECKLISTS, LEAK CHECKED SATISFACTORY
- 1.2 EVALUATIONS AND HOT SECTION INSPECTIONS OF BOTH ENGINES COMPLETED BY MINT TURBINES LLC. PERTINENT DETAILS OF THESE INSPECTIONS IN WORK ORDER NUMBER 9924F (LH) AND 9925F (RH), REPAIR STATION NUMBER 5MNR431B. DISCREPANCIES NOTED IN BORESCOPE INSPECTION OF BOTH ENGINES
- 1.3 REMOVED AND REPLACED LH PROP ORING WITH A NEW ORING P/N C-3317-230 IAW BEECH E90 AMM 61-12-03, LEAK CHECKED SATISFACTORY

All Work Performed I.A.W. Raytheon Aircraft Company E90 Appropriate Data

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number TRB9168.

Signature \_\_\_\_\_  
For Winner Aviation Repair Station [REDACTED]



Repair Station # [REDACTED]

September 07, 2022

Manufacturer: Pratt & Whitney  
Part/Model number: PT6A-28  
Work Order No: TRB9168

TSN/ISO: 9.622.80 / 6.495.50  
Serial Number: PCE-50645  
Date: 09/07/2022

CSN/CSO: 9.500.00 / N/A

Squawk

- 1.1 COMPLETED WITH 100-150, 200-300, 400-450 HOUR INSPECTION OF RIGHT ENGINE LAW MORE INSPECTION CHECKLISTS, LEAK CHECKED SATISFACTORY
- 1.2 EVALUATIONS AND HOT SECTION INSPECTIONS OF BOTH ENGINES COMPLETED BY MINT TURBINES LLC. PERTINENT DETAILS OF THESE INSPECTIONS IN WORK ORDER NUMBER 9924F (LH) AND 9925F (RH), REPAIR STATION NUMBER 5MNR431B. DISCREPANCIES NOTED IN BORESCOPE INSPECTION OF BOTH ENGINES

All Work Performed I.A.W. Raytheon Aircraft Company E90 Appropriate Data

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number TRB9168.

Signature \_\_\_\_\_  
For Winner Aviation Repair Station [REDACTED]



Repair Station #: W6NR985J

September 20, 2022

Registration #: N515GK  
Manufacturer: Raytheon Aircraft Company  
Part/Model number: E90  
Work Order No: TRB9242

Total AC Time: 9,521.0

Total AC Cycles:

Aircraft Serial Number: LW-108

Date: 09/20/2022

**Squawk**

1.1

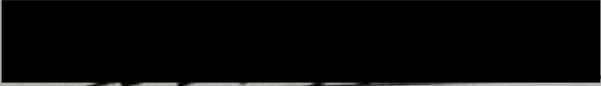
REMOVED LOWER RH MAIN LANDING GEAR STRUT ASSEMBLY, CLEANED, INSPECTED AND RESEALED, REINSTALLED, ALL WORK ACCOMPLISHED IAW BEECH E90 AMM 12-20-33, SERVICED STRUT AS REQUIRED IAW BEECH E90 AMM 12-20-33, LEAK CHECKED SATISFACTORY.

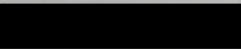
1.2

REMOVED LOWER LH MAIN LANDING GEAR STRUT ASSEMBLY, CLEANED, INSPECTED AND RESEALED, REINSTALLED, ALL WORK ACCOMPLISHED IAW BEECH E90 AMM 12-20-33, SERVICED STRUT AS REQUIRED IAW BEECH E90 AMM 12-20-33, LEAK CHECKED SATISFACTORY.

**All Work Performed I.A.W.** Raytheon Aircraft Company E90 Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number TRB9242.

Signature: 

For Winner Aviation Repair Station 





Repair Station #: [REDACTED]

September 30, 2021

Hobbs: 896.9

Registration #: N515GK

Total AC Time: 9,181.1

Total AC Cycles:

Manufacturer: Raytheon Aircraft Company

Part/Model number: E90

Aircraft Serial Number: LW-108

Work Order No: TRB8797

Date: 09/30/2021

**Squawk**

1.1 REMOVED AND REPLACED LEFT PRIMARY PROP GOVERNER WITH AN OVERHAULED UNIT, P/N 8210-002-01, S/N 20101550, IAW PT6A-28 EMM 61-20-00. LEAK CHECK/ OPS CHECK SATISFACTORY.

**All Work Performed I.A.W.** Raytheon Aircraft Company E90 Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number TRB8797.

\_\_\_\_\_  
Sig

For Winner Aviation Repair Station # [REDACTED]



LH Prop

EAST COAST PROPELLER SERVICE INC.

# PROPELLER LOGBOOK

PROPELLER MODEL HC-D4N-3C

PROPELLER S/N FY5026

LOG BOOK # \_\_\_\_\_

## Propeller Logbook

R/H

- Dowty
- Hamilton Sundstrand
- Hartzell
- McCauley
- mt-propeller
- Sensenich



## AIRCRAFT PROPELLER SERVICE, INC.

INSTALLING AGENCY PLEASE NOTE  
Recording of Propeller Total Time Since New (TTSN)  
is Required Per F.A.R. 91.417, 121.380 and 135.435

Wheeling, IL 60090-645

[www.aircraftpropeller.com](http://www.aircraftpropeller.com)

41-0176 • CRS EY2R811K • EASA.145.512



1. Approving Civil Aviation Authority/Country:  
FAA/United States

2. **AUTHORIZED RELEASE CERTIFICATE**  
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:  
ER-14800

4. Organization Name and Address:  
East Coast Propeller Service, Inc. [REDACTED] FAA RSN: E65R064Y

5. Work Order/Contract/Invoice Number:  
ER-14800

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Hartzell Propeller	HC-D4N-3C/D9290K	1	FY2341	Overhauled

12. Remarks:  
Overhauled propeller in accordance with Hartzell maintenance manuals 143A R22, 133C R39, and 202A (V1 R59, V2 R32, V3 R39, V6 R36, V7 R50, V8 R34, V10 R36, V11 R36).  
Full details are available under Work Order: ER-14800  
Major parts replaced: (4) D9290K blades serial numbers H33143, H33151, H31995, and H33146.  
There are no applicable Airworthiness Directives at this time.  
Complied with applicable Service Bulletins: 61-136RI, 61-346R2, and 61-374R1.  
Overhauled blades were supplied by customer, see 8130-3 number IJSC2021-848 for details. Serial numbers: K86707, K86708, K86709, K86710.

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:  
  
13d. Name (Typed or Printed):

13c. Approval/Authorization No.:  
  
13e. Date (dd/mmm/yyyy):

14b. Authorized Signature:  
[REDACTED]  
14d. Name (Typed or Printed):  
Shawn M. Young [REDACTED] Airman

14c. Approval/Certificate No.:  
[REDACTED]  
14e. Date (dd/mmm/yyyy):  
21/Sep/2021