

Honeywell

Honeywell International Inc.
Engines & Systems
P.O. Box 52181
Phoenix, Arizona 85072-2181

Gas Turbine
ENGINE LOG BOOK

ENGINE, GAS TURBINE
5009779882

PART NO. WE 3800 714-1

MODEL NO. RE 220 [GX]

SERIAL NO. P-715

Engine Data

MODEL NO. RE220[EX]

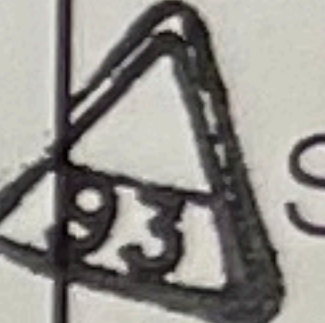
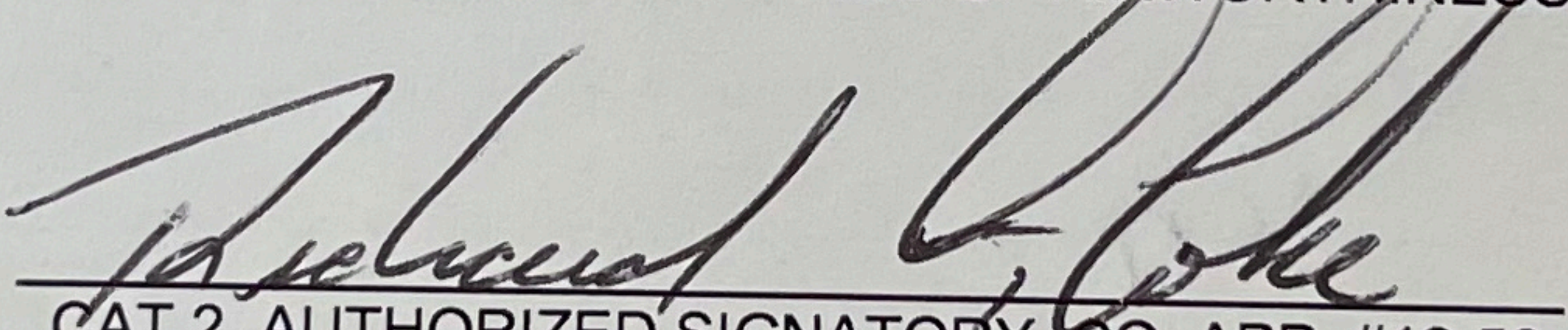
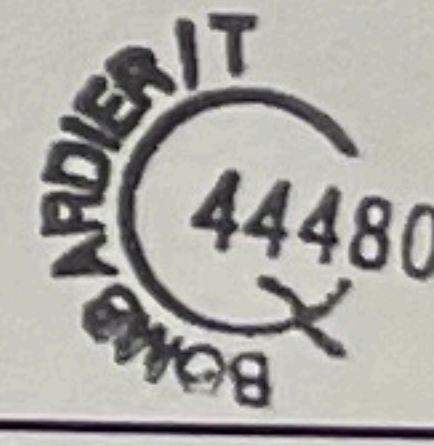
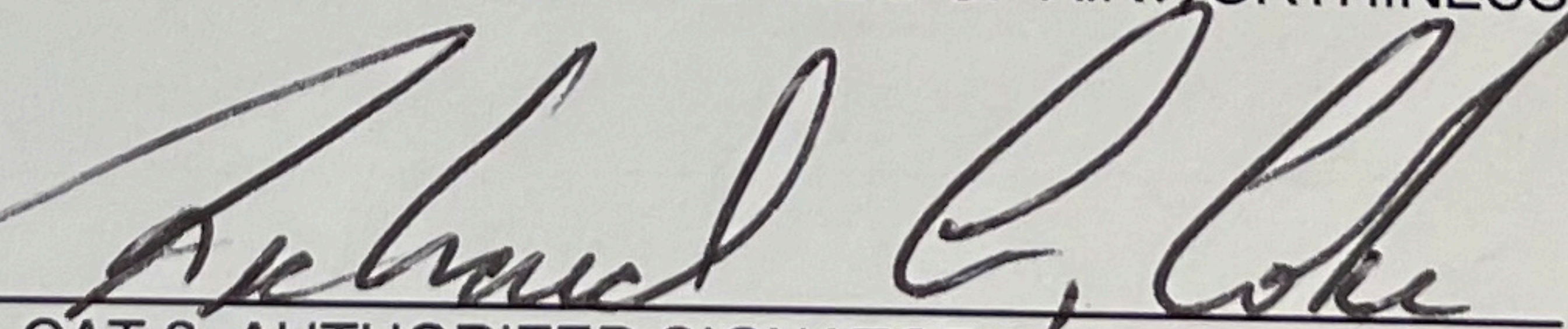

TOTAL APU WEIGHT 237.3 LBS

SERIAL NO. P-715

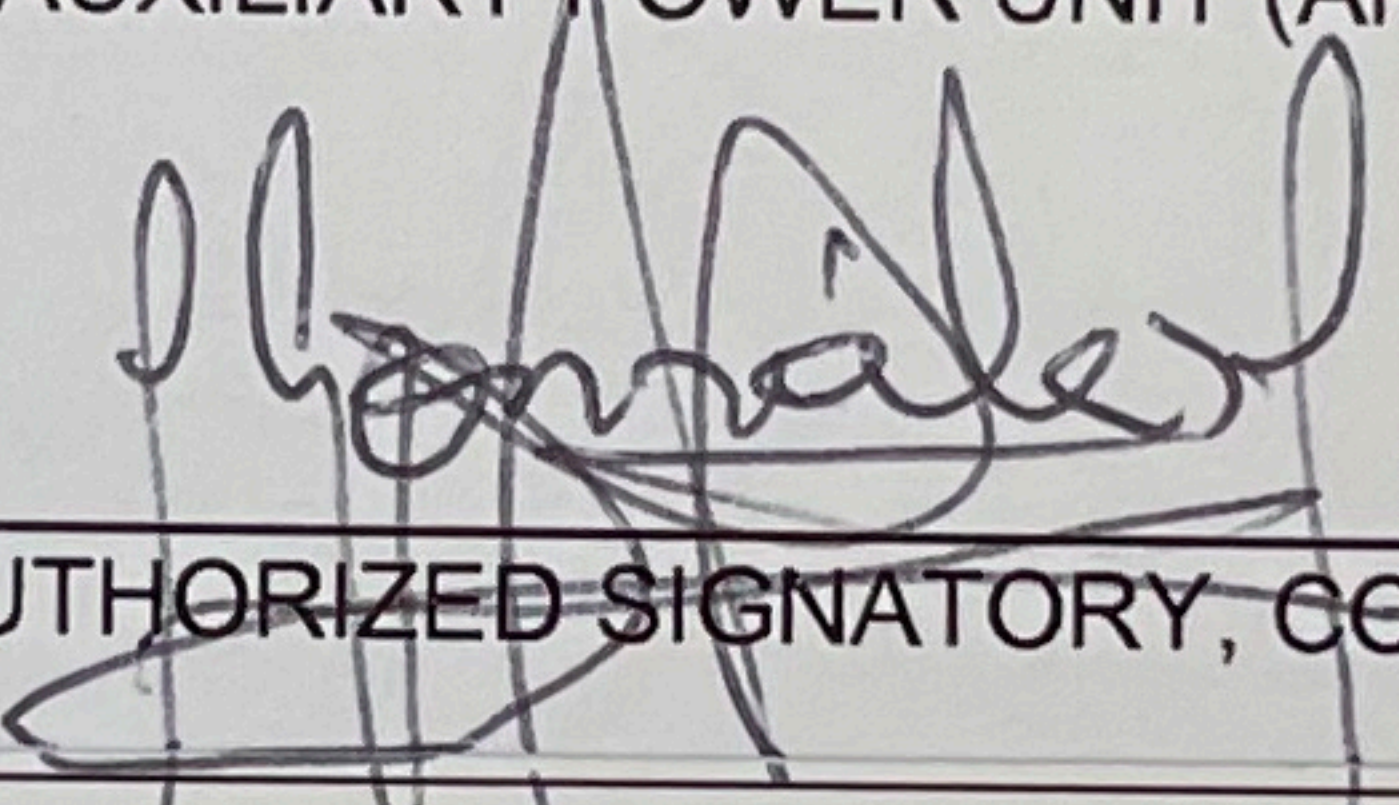
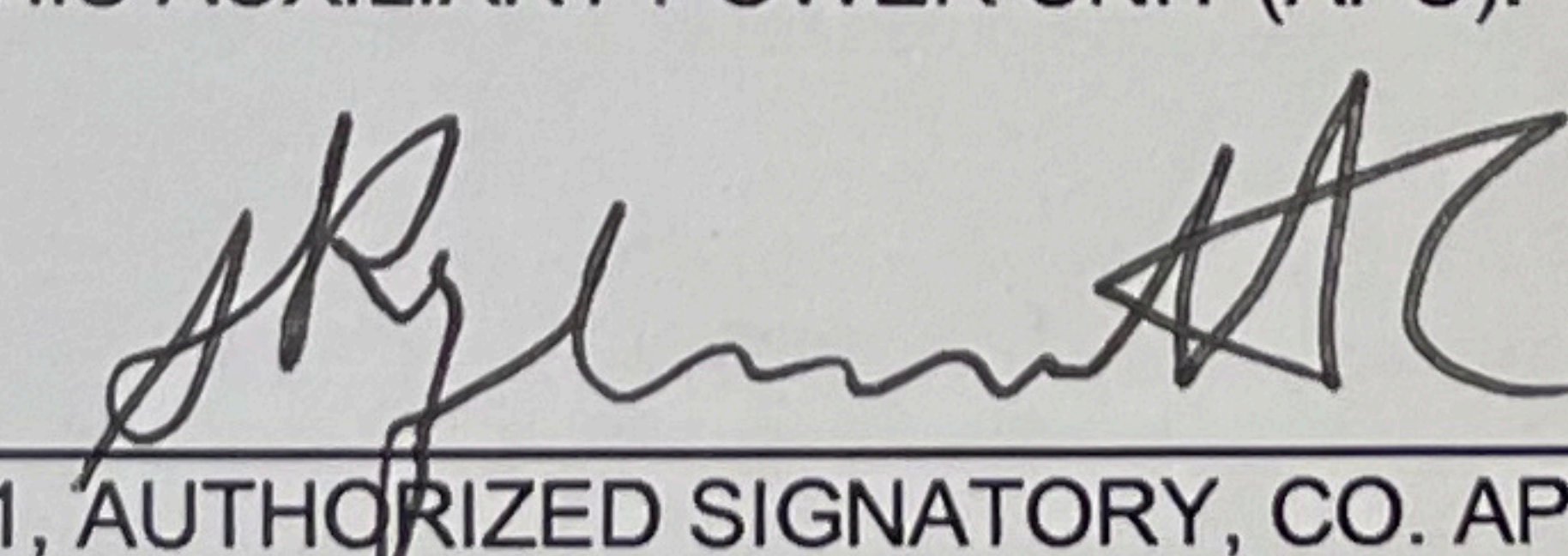
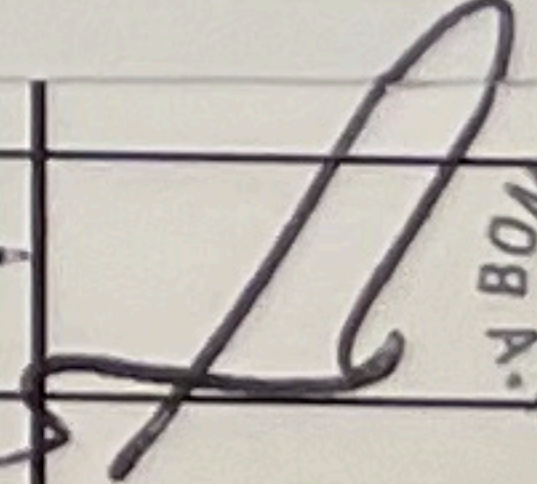
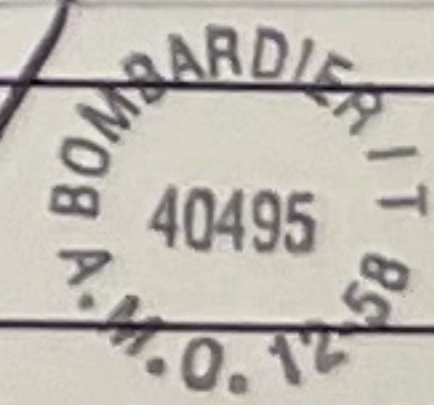
DELIVERY DATE _____

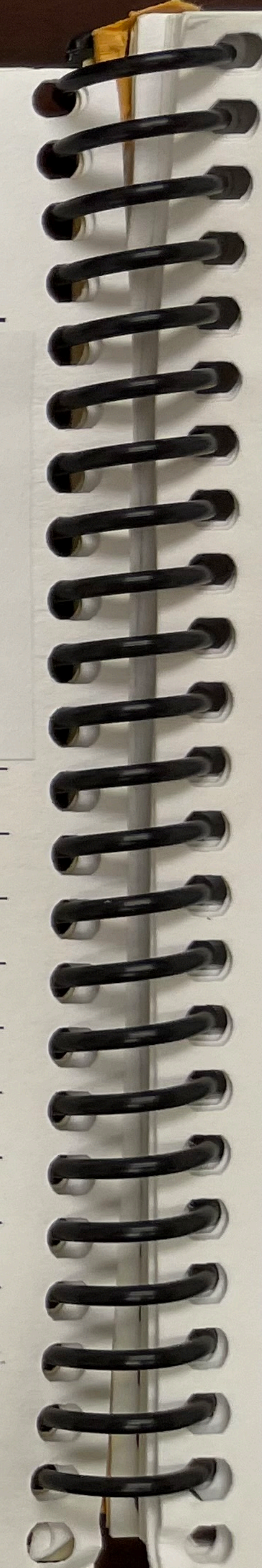
APPLICABLE INSTRUCTION MANUALS _____

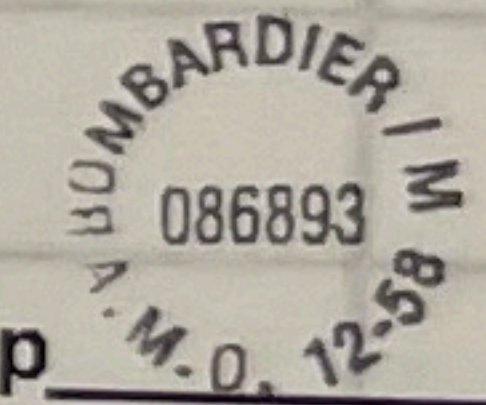
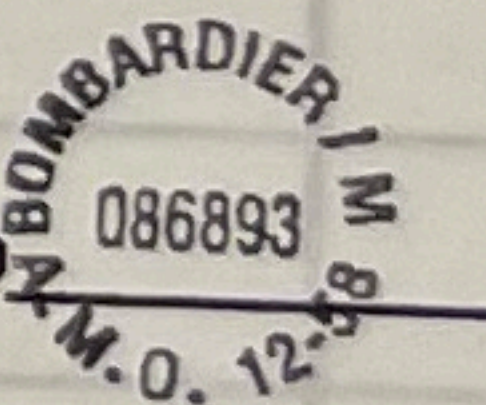
OPERATOR _____

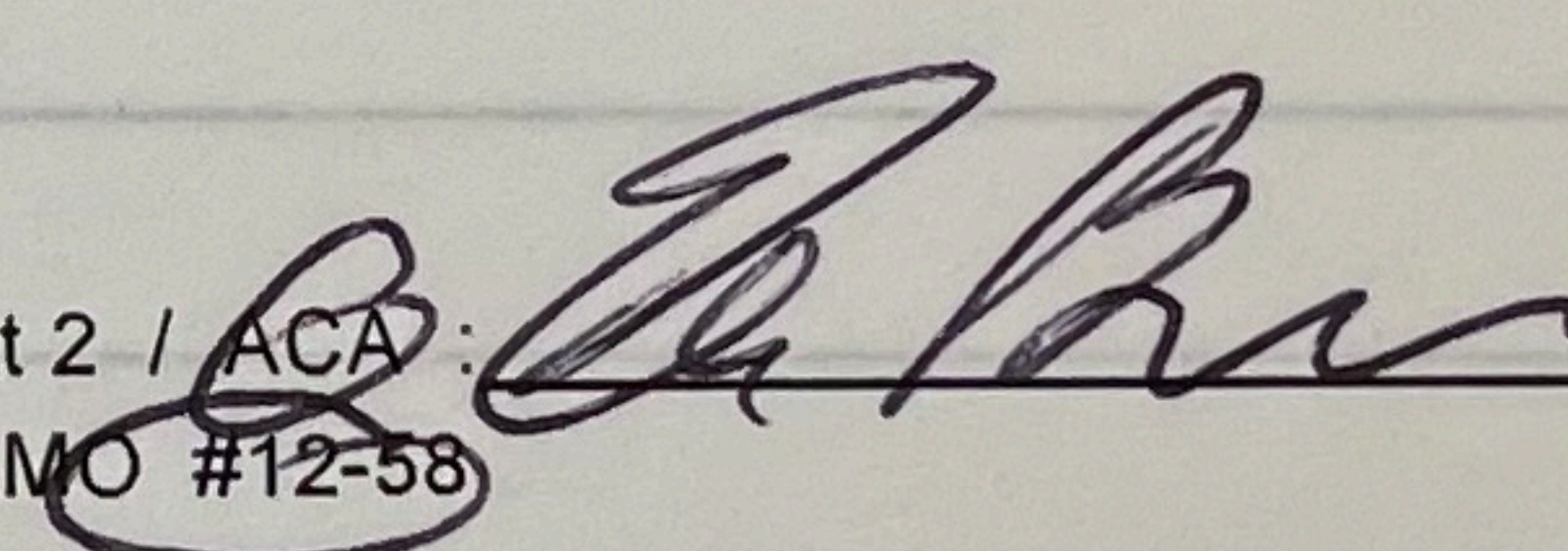
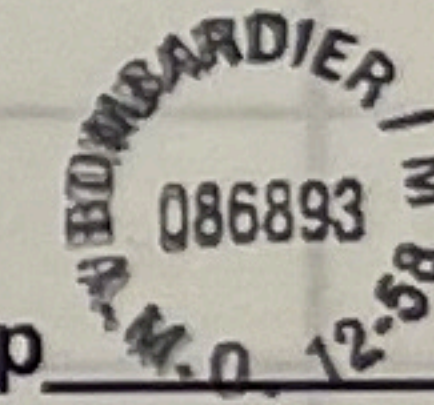
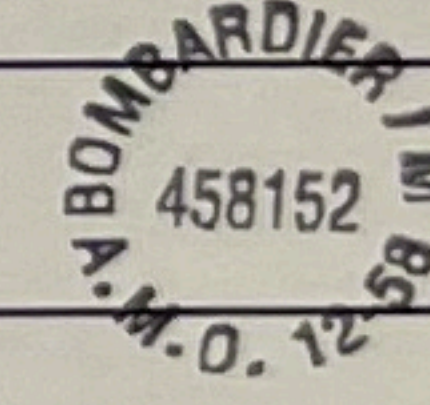
| DATE | ACCUMULATED ENGINE HOURS | ACCUMULATED ENGINE STARTS | REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS | SIGNATURE |
|-------------|--------------------------|---------------------------|---|---|
| 9/6/2013 | Ø | Ø | PART NUMBER: WE 3800714-1 SERIAL NUMBER: P-715 NEW PRODUCTION UNIT SERIES: 24 |  Donna Cheek |
| | | | ARTICLE PRESERVED PER MIL-E-5607 ON THIS DATE. | |
| | | | THIS TREATMENT CONSIDERED ADEQUATE FOR A PERIOD | |
| | | | OF TWO (2) YEARS. | |
| 08 SEP 2013 | Ø | Ø | <ul style="list-style-type: none"> AUXILIARY POWER UNIT (APU) INSTALLED TO BD-700-1A11 AIRCRAFT SERIAL NUMBER: 9575 IN ACCORDANCE WITH AMM 49-10-00-400-801 REFERENCE: BOMBARDIER B.O.I. LGD805 PAGE 35, ITEM 2. | |
| | | | THE WORK DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS. | |
| | | |  CAT 2, AUTHORIZED SIGNATORY, CO. APP. #12-58 |  STAMP |
| | | | | 21 SEP 2013 DATE |
| 09 SEP 2013 | Ø | Ø | <ul style="list-style-type: none"> REMOVAL OF PRESERVATION FLUID FROM THE APU FUEL SYSTEM COMPLETED. REFERENCE: BOMBARDIER ASSY MANUAL GD0286, FTP NUMBER S700-490001 | |
| | | | THE WORK DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS. | |
| | | |  CAT 2, AUTHORIZED SIGNATORY, CO. APP. #12-58 |  STAMP |
| | | | | 21 SEP 2013 DATE |

LBS

| DATE | ACCUMULATED ENGINE HOURS | ACCUMULATED ENGINE STARTS | REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS | SIGNATURE |
|-------------|--------------------------|---------------------------|---|---|
| 22 SEP 2013 | 16.0 | 16 | > AS APPLICABLE, ALL CIVIL AVIATION AUTHORITY AIRWORTHINESS DIRECTIVES HAVE BEEN REVIEWED, INCLUDING; <ul style="list-style-type: none"> ○ TRANSPORT CANADA AIRWORTHINESS DIRECTIVES THROUGH CF-2013-<u>25</u>, ○ FEDERAL AVIATION ADMINISTRATION (F.A.A.) BI-WEEKLY SUPPLEMENT 2013-<u>18</u>, AS AT THIS DATE, THERE ARE NO APPLICABLE AIRWORTHINESS DIRECTIVES ISSUED AGAINST THIS AUXILIARY POWER UNIT (APU). |  CAT 1, AUTHORIZED SIGNATORY, CO. APP. #12-58 |
| | | | | |
| 25 SEP 2013 | 23 | 28 | > AS APPLICABLE, ALL CIVIL AVIATION AUTHORITY AIRWORTHINESS DIRECTIVES HAVE BEEN REVIEWED, INCLUDING; <ul style="list-style-type: none"> ○ TRANSPORT CANADA AIRWORTHINESS DIRECTIVES THROUGH CF-2013-<u>27</u>, ○ FEDERAL AVIATION ADMINISTRATION (F.A.A.) BI-WEEKLY SUPPLEMENT 2013-<u>19</u>, AS AT THIS DATE, THERE ARE NO APPLICABLE AIRWORTHINESS DIRECTIVES ISSUED AGAINST THIS AUXILIARY POWER UNIT (APU). |  CAT 1, AUTHORIZED SIGNATORY, CO. APP. #12-58 |
| 25 SEP 2013 | 23 | 28 | | |
| 11 OCT 2013 | 27 | 34 | |  CAT 1, AUTHORIZED SIGNATORY, CO. APP. #12-58 |
| | | | |  STAMP |



| DATE | ACCUMULATED ENGINE HOURS | ACCUMULATED ENGINE STARTS | REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS | SIGNATURE |
|-------------|--------------------------|---------------------------|--|-----------|
| APR 17 2014 | 42.0 | 51 | <p>GCC - APU Preservation every 180 days</p> <p>APU preservation carried out on Oct/16/2013 in accordance with Aircraft Maintenance Manual task: 10-15-00-620-801 and Honeywell Service Bulletin APU-Gas Turbine, Standard Storage and Preservation Guidelines SB 49-7997 RevB.</p> <p>APU de-preservation carried out on Apr/06/2014 in accordance with Aircraft Maintenance Manual task: 10-32-00-630-801.</p> <p>The maintenance described herein has been performed in accordance with the applicable airworthiness requirements.</p> <p>Authorized Sign. (Circle proper category): Cat 1 / Cat 2 / <u>ACA</u> (Circle proper organisation): AO / <u>AMO #12-58</u></p> <p style="text-align: right;">/Stamp  Date <u>APR 17 2014</u></p> | |
| | | | <p>GCC - Airworthiness Directives.</p> <p>As of this date, All Civil Aviation Authority Airworthiness Directives have been reviewed up to and including: (Note: None issued against this Auxiliary Power Unit APU). Transport Canada Airworthiness Directives No. CF-2014- <u>13</u>, F.A.A. Biweekly No. 2014- <u>07</u> and EASA Biweekly No. <u>08</u> -2014.</p> <p>The maintenance described herein has been performed in accordance with the applicable airworthiness requirements.</p> <p>Authorized Sign. (Circle proper category): Cat 1 / Cat 2 / <u>ACA</u> (Circle proper organisation): AO / <u>AMO #12-58</u></p> <p style="text-align: right;">/Stamp  Date <u>APR 17 2014</u></p> | |
| | | | | |

| DATE | ACCUMULATED ENGINE HOURS | ACCUMULATED ENGINE STARTS | REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS | SIGNATURE |
|------------------------|--------------------------|---------------------------|---|---|
| 24 May 2014 | 51 | 67 | <p>GCC - Airworthiness Directives.</p> <p>As of this date, All Civil Aviation Authority Airworthiness Directives have been reviewed up to and including: (Note: None issued against this Auxiliary Power Unit APU). Transport Canada Airworthiness Directives No. CF-2014- <u>13</u>, F.A.A. Biweekly No. 2014- <u>10</u> and EASA Biweekly No. <u>10</u> -2014.</p> <p>The maintenance described herein has been performed in accordance with the applicable airworthiness requirements.</p> <p>Authorized Sign. (Circle proper category): Cat 1 / Cat 2 / ACA: <u>ACA</u> (Circle proper organisation): AO / AMO #12-58</p> |   /Stamp MAY 24 2014 Date |
| MAY 26 2014 | 52 | 70 | hours AND cycles updated. <i>Endis</i> |  |

SIGNATURE

up to and

airworthiness

MAY 24 2014

BOMBARDIER
458152
M. O. 12

| DATE | ACCUMU- LATED ENGINE HOURS | ACCUMU- LATED ENGINE STARTS | REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS | SIGNATURE |
|------|-------------------------------------|--------------------------------------|---|-----------|
|------|-------------------------------------|--------------------------------------|---|-----------|



JET AVIATION

A GENERAL DYNAMICS COMPANY

Jet Aviation St. Louis, Inc.

APU MAINTENANCE RECORD

| | | | |
|-------------------------------|--|--------------------|------------------------|
| AIRCRAFT MAKE / MODEL: | <i>Bombardier Global Express 5000 GVFD</i> | DATE: | <i>October 9, 2015</i> |
| AIRCRAFT REGISTRATION NUMBER: | <i>VP-BMG</i> | AIRCRAFT TIME: | <i>350.9</i> |
| AIRCRAFT SERIAL NUMBER: | <i>9575</i> | AIRCRAFT LANDINGS: | <i>149</i> |
| APU MODEL: | <i>RE220 (GX)</i> | APU HOURS: | <i>277.1</i> |
| APU SERIAL NUMBER: | <i>P-715</i> | APU CYCLES: | <i>326</i> |

DESCRIPTION OF WORK PERFORMED:

- Complied with the following Engine, Inspections in accordance with Bombardier Global 5000 GVFD TLMC, Revision 6, dated August 6, 2015.
 - 49-70-00-201 Visual Check of the APU Indicating System
- Complied with Honeywell Service information letter SIL-87 R4 dated September 10, 2014, RE 220 GX Auxillary Power Unit (APU) Auto shutdown in Heavy Rain

All Maintenance, Operational, Functional and Leak Checks were complied with in accordance with Bombardier Global Express Aircraft Maintenance Manual (Part Two), at its latest Revision at the time the work was performed. With respect to work performed, this APU is approved for return to service.

I Certify that in accordance with a 91.409(f)(3) Inspection Program the inspections and procedures for the portion of the program identified in this entry were performed. This APU is determined to be in airworthy condition with respect to the work performed.

The work recorded has been carried out in accordance with the requirements of the Air Navigation (Overseas Territories) Order 2007 and in respect of that work the aircraft or component is fit for release to service. Department of Civil Aviation approval reference: BDA/AMO/062 Expiration date February 13, 2016

For more information on work performed, reference Work Order M15942 on file at this facility.

Inspector Sign:

William Carpenter
William Carpenter

Date:

10-9-15
October 9, 2015

Jet Aviation St. Louis, Inc. CRS RO3R822L, 6400 Curtiss-Steinberg Dr., Cahokia, IL 62206-1445
(9575.APU Log-1.docm)(RSM-013C (01/11))

| DATE | ACCUMU- LATED ENGINE HOURS | ACCUMU- LATED ENGINE STARTS | REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS | SIGNATURE |
|------|-------------------------------------|--------------------------------------|---|-----------|
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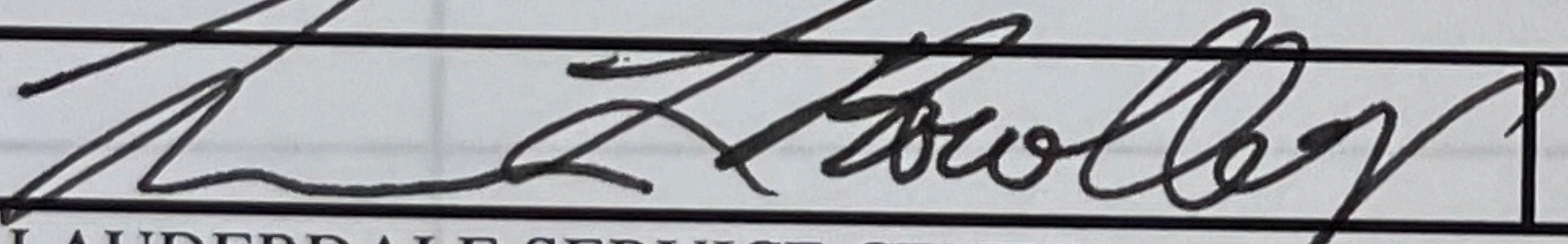
BOMBARDIER

| | | | |
|----------------------------------|------------------------|-----------------------|--------------------------|
| Aircraft Registration: VP-BMG | Serial Number: 9575 | Model: BD-700-1A11 | Page 1 of 1 |
| Total Time: 528.7 | Total Landings: 219 | | Date: October 5, 2016 |
| APU Model: RE220 (GX) | APU S/N: P-715 | APU TSN: 389.1 | APU CSN: 453 |
| APU Logbook Entry | | | |

| The Following Serialized Parts Were Installed: | | | | | |
|--|-----------|---------|-----------|--------|--------|
| Part Name | P/N Off | S/N Off | P/N On | S/N On | Status |
| Inlet Temperature Sensor | MS28034-1 | 199264 | MS28034-1 | 229919 | New |

Details of the above work are held on file at the Learjet Inc. Fort Lauderdale Service Center under work order # 193153

The work recorded has been carried out in accordance with the Air Navigation (Overseas Territories) Order as amended and in respect of that work the aircraft or component is fit for release to service.

| | | | | |
|-----------------|--|-------|-----------------|-------------|
| Kevin L. Bowlby |  | Date: | October 5, 2016 | BDA/AMO/119 |
|-----------------|--|-------|-----------------|-------------|

LEARJET INC, FORT LAUDERDALE SERVICE CENTER, 4100 SW 11th TERRACE FORT LAUDERDALE FLORIDA 33315
BDA/AMO/119

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|------|--------------------------|---------------------------|---|-----------|
| DATE | ACCUMULATED ENGINE HOURS | ACCUMULATED ENGINE STARTS | REMARKS, INSPECTIONS, REPAIRS AND ADJUSTMENTS | SIGNATURE |
|------|--------------------------|---------------------------|---|-----------|

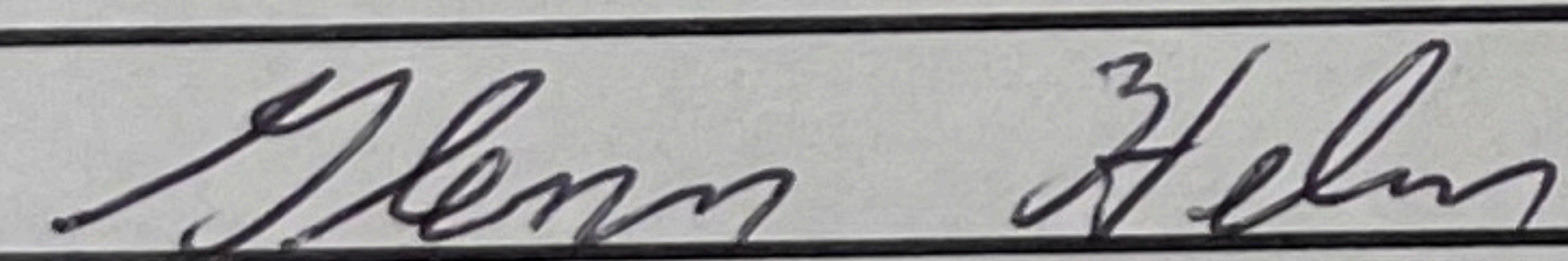
BOMBARDIER

| | | | |
|---|------------------------------|--------------------------------------|--------------------------------|
| Aircraft Registration VP-BMG | Serial Number 9575 | Aircraft Model BD-700-1A11 | Page 1 of 1 |
| Total Time 746.14 | Total Landings 311 | | Date: March 23, 2018 |
| APU Model RE220 [GX] | APU S/N P-715 | | APU TSN 526.7 |
| Auxiliary Power Unit Logbook Entry | | | |

| Complied With The Following Service Bulletins: | | |
|--|----------|--|
| Number | Revision | Description: |
| RE220-49-8169 | 3 | Airborne Auxiliary Power – Gas Turbine Engine – Visual Inspection and Sealant Application Method for the Exhaust Gas Temperature (EGT) Sensor, PN WE3876352-1, -2, on RE220 Auxiliary Power Units (APUs). C/W Part A, Sealant in place and coverage acceptable. Part B and C are Not Applicable . |

Details of the above work are held on file at the Learjet Inc. Fort Lauderdale Service Center under work order # 208915

The work recorded has been carried out in accordance with the Air Navigation (Overseas Territories) Order as amended and in respect of that work the aircraft or component is fit for release to service.

| | | | | |
|------------|--|-------|----------------|-------------|
| Glenn Helm |  | Date: | March 23, 2018 | BDA/AMO/119 |
|------------|--|-------|----------------|-------------|

LEARJET INC, FORT LAUDERDALE SERVICE CENTER, 4100 SW 11th TERRACE FORT LAUDERDALE FLORIDA 33315
BDA/AMO/119

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DATE

ACCUMU-
LATED

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LATED

REMARKS. INSPECTIONS. REPAIRS AND ADJUSTMENTS

SIGNATURE



DUNCAN
AVIATION

Reg. #: VP-BMG Date: August 17, 2020 Work Order: F1GW
 Make: HONEYWELL Model: RE220(GX)
 ENGINES
 APU S/N: P-715 APU TT: 637.1

Performed the following manufacturer's maintenance items in accordance with Bombardier Aerospace Global 5000 GVFD Time Limits and Maintenance Checks (TLMC) Revision 11, Maintenance Planning Document (MPD) Revision 12, Maintenance Review Board (MRB) Revision U, Interactive Maintenance Planning Document (iMPD) and Manufacturer's Recommended Inspection Program (MRIP):

- **750APU:** 750 APU Hour Tasks:
 - **49-42-00-301:** 750 APU Hour Cleaning of the Starter Motor of Brush Dust Material.

I certify the work recorded has been carried out in accordance with the Air Navigation (Overseas Territories) Order as amended and in respect of that work the aircraft or component is approved for return to service. A detailed record is on file under work order **F1GWA and F1GWB.**

Signed:

Jonathan Freeman

Duncan RII 192

For Duncan Aviation Repair Station BDA/AMO/114 Phone: 800-228-4277

VP-BMG

August 17, 2020