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MAKE

MODEL

SERIAL NUMBER

PART NUMBER

CHECK MODES: A

REQUIRED INSPECTION FREQUENCY

MAKE: GERALD F GRUBER MODEL: GLASAIR III S/N 3115 REG. NO: N90GG WORK ORDER:

4218-12-2015



North American Flight Services

Repair Station No. NOMR725J 405 Greenfield Avenue Ballston Spa. NY 12020 Phone: 518-885-5470

DATE: 19 August, 2016 A/C TSN: 1963.3

TACH: 1963 3

Airframe Entries

THE TEST AND INSPECTION REQUIRED BY FAR 91.411 AND 91.413 PART 43 APPENDIX E & F HAVE BEEN COMPLETED TO AN ALTITUDE OF 20,000FT. SYSTEM GROUND TEST GOOD, NO DISCREPANCIES NOTED.

GARMIN GTX-23 TRANSPONDER: P/N: 011-02803-02, S/N: 2DY010684

GSU-25 AHRS/ADC P/N: 011-02929-00, S/N: 25A002482

UNITED INSTRUMENTS ALTIMETER: P/N: 5934PA-1, S/N: 7F444

NEXT DUE: 08/31/2018

The aircraft identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the work performed. Further details are not the above with performed of the details are not the service with respect to the above work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

DATE: 19 August, 2016

SIGNED:

Marco Alvarado

Certified Repair Station No. NOMR725J

Work Order: 4218-12-2015

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MAKE: GERALD F GRUBER MODEL: GLASAIR III S/N: 3115

REG. NO: N117WV

WORK ORDER

5476-01-2019

NORTHAMERICAN FLIGHT SERVICES

North American Flight Services

Repair Station No. NOMR725J 405 Greenfield Avenue Ballston Spa, NY 12020 Phone: 518-885-5470 DATE: 14 March, 2019 A/C TSN: 2018.1 HOBBS: 2023

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THE TEST AND INSPECTION REQUIRED BY FAR 91.411 AND 91.413 PART 43 APPENDIX E & F HAVE BEEN COMPLETED TO AN ALTITUDE OF 20,000FT. SYSTEM GROUND TEST GOOD, NO DISCREPANCIES NOTED.

GARMIN GTX-23 TRANSPONDER: P/N: 011-02803-02, S/N: 2DY010684

GSU-25 AHRS/ADC P/N: 011-02929-00, S/N: 25A002482

UNITED INSTRUMENTS ALTIMETER: P/N: 5934PA-1, S/N: 7F444

NEXT DUE: 02.28.2021

TRACED PITOT STATIC LEAK TO THE ELBOW FITTING THROUGH THE FUSELAGE FOR THE LH STATIC PORT. SINCE FITTING IS MOLDED INTO COMPOSITE LAY UP IT WILL BE LEFT IN PLACE. REPLACING IT IS NOT NECESSARY FOR PROPER OPERATION OF PITOT/STAIC SYSTEM. HOWEVER IT WILL NEED TO BE DISCONNECTED AND LINE TO IT CAPPED OFF FOR PITOT STATIC SYSTEM CHECKS, AND THEN RECONNECTED WHEN CHECK IS COMPLETED IN THE FUTURE.

I CERTIFY THIS AIRFRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE AIRCRAFT MANUFACTURERS
CURRENT RECOMMENDED INSPECTION PROGRAM, AND AS REQUIRED BY D.O.T. TITLE 14 CFR, PART 91.409(f)(3).
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

DATE: 14 March, 2019

SIGNED:

Work Order: 5476-01-2019

Brian Strange

Certified Repair Station No. NOMR725J

MAKE: GERALD F GRUBER MODEL: GLASAIR III S/N: 3115

REG. NO: N90GG WORK ORDER: 4218-12-2015

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North American Flight Services

Repair Station No. NOMR725J 405 Greenfield Avenue Ballston Spa, NY 12020 Phone: 518-885-5470 DATE: 19 August, 2016 A/C TSN: 1963.3 TACH: 1963.3

Airframe Entries

INSTALLED DUAL GARMIN G3X TOUCH SYSTEM TO INCLUDE ONE NEW GDU-460 PFD DISPLAY UNIT P/N: 010-01057-00, S/N: 350001234, ONE NEW GDU-460 MFD DISPLAY UNIT P/N: 010-01057-00, S/N: 350001224, ONE NEW GAD-29 ARINC 429 CONVERTER P/N: 011-03236-00, S/N: 366000441, ONE NEW GSU-25 AHRS/ADC P/N: 011-02929-00, S/N: 25A002482, ONE NEW GMU-44 UNIT P/N: 010-00296-00, S/N: 47524729 AND ONE GTP-59 OAT PROBE P/N: 011-00978-00, S/N: 47930861. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GARMIN G3X INSTALLATION MANUAL P/N: 190-01115-01 REVISION Y.

INSTALLED ONE NEW GEA-24 UNIT P/N: 010-01042-00, S/N: 2J2001833 TO INCLUDE SIX ALCOR TYPE K EGT SENSORS P/N: 494-70001-00, 6 ALCOR TYPE K CHT SENSORS P/N: 494-70000-00, ONE ELECTRONICS INSTRUMENTS FT-460 FUEL FLOW SENSOR P/N: 494-10001-00, ONE KAVLICO P4055-50G-E4A FUEL PRESSURE SENSOR P/N: 494-30004-02, ONE KAVLICO P4055-30A-E4A MANIFOLD PRESSURE SENSOR P/N: 494-30004-0, ONE UMA 1B3-2.5R RTD OIL TEMP SENSOR P/N: 494-70004-00, ONE KAVLICO P4055-150G-E4A OIL PRESSURE SENSOR P/N: 494-30004-00, AND ONE UMA T1A9-1 SLICK MAG RPM SENSOR P/N: 494-50005-00. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GARMIN G3X INSTALLATION MANUAL P/N: 190-01115-01 REVISION Y.

The aircraft identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the aircraft/airframe manufacturers maintenance manual instructions and procedures. This aircraft is approved for return to service with respect to the above work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

DATE: 19 August, 2016

SIGNED

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Marco Alvarado

Certified Repair Station No. NOMR725J

Work Order: 4218-12-2015

MAKE: GERALD F GRUBER MODEL: GLASAIR III S/N: 3115 REG. NO: N90GG WORK ORDER: 4218-12-2015



North American Flight Services

Repair Station No. NOMR725J 405 Greenfield Avenue Ballston Spa, NY 12020 Phone: 518-885-5470 DATE: 19 August, 2016 A/C TSN: 1963.3 TACH: 1963.3

Airframe Entries

INSTALLED ONE NEW GARMIN GTX-23 TRANSPONDER P/N: 011-02803-02, S/N: 2DY010684 IN AFT AVIONICS BAY.

OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GARMIN GTX-23 INSTALLATION

MANUAL P/N: 190-01115-01 REVISION F.

REMOVED EXISTING SERVICEABLE TRU-TRAK SYSTEMS AUTOPILOT SYSTEM. INSTALLED ONE NEW GARMIN GS-28 AUTOPILOT SYSTEM TO INCLUDE ONE GARMIN GMC-307 AUTOPILOT CONTROLLER ON CENTER CONSOLE P/N: 011-03993-00, S/N: 4DH000238, ONE GARMIN GSA-28 ROLL SERVO ON LEFT WING P/N: 010-01068-00, S/N: 2PG002417, ONE GARMIN GSA-28 PITCH SERVO ON AFT AVIONICS BAY P/N: 010-01068-00, S/N: 2PG001947. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GARMIN G3X INSTALLATION MANUAL P/N: 190-01115-01 REVISION Y.

REMOVED SERVICEABLE POINTER ELT P/N: 3000, S/N: 332426. INSTALLED 1 NEW AMERI-KING ELT P/N: AK-451, S/N: 11-06977 MOUNTED IN AFT AVIONICS BAY. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO AK-451 INSTALLATION MANUAL P/N: IM-451 REV NC-4.1H AND 14 CFR PART 91.207(D) INSPECTION PROCEDURES.

The aircraft identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the aircraft/airframe manufacturers maintenance manual instructions and procedures. This aircraft is approved for return to service with respect to the above work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

DATE: 19 August, 2016

SIGNED:

Work Order: 4218-12-2015

Marco Alvarado

Certified Repair Station No. NOMR725J

MAKE: GERALD F GRUBER MODEL: GLASAIR III S/N: 3115

REG NO N90GG

WORK ORDER: 4218-12-2015

NORTHAMERICAN FLIGHT SERVICES North American Flight Services

Repair Station No. N0MR725J 405 Greenfield Avenue Ballston Spa, NY 12020 Phone: 518-885-5470 DATE: 19 August, 2016 A/C TSN: 1963.3 TACH: 1963.3

Airframe Entries

REMOVED SERVICEABLE KING KMA-24 AUDIO PANEL P/N: 066-1055-03, S/N: 28304. INSTALLED ONE NEW GARMIN GMA-240 AUDIO PANEL P/N: 011-01988-00, S/N: 1EL001878. AUDIO PANEL IS WIRED FOR 2 PLACE CONFIGURATION. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GARMIN GMA-240 INSTALLATION MANUAL P/N: 190-00917-01 REVISION E.

REMOVED 1 SERVICEABLE GARMIN GNS-480 SYSTEM P/N: 460-6100-800-002, S/N: 6064941. INSTALLED ONE GTN-725 GPS UNIT P/N: 011-02281-00, S/N: 1Z9000301 AND ONE GARMIN GA-35 GPS WAAS ANTENNA P/N: 013-00235-00, S/N: 1Z4684. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GARMIN GTN-725 TSO INSTALLATION MANUAL P/N: 190-01007-02 REVISION N.

REMOVED SERVICEABLE KING 196A COMM TRANSCEIVER P/N: 064-1054-30, S/N: 6954. INSTALLED 1 NEW GARMIN GTR-20 P/N: 011-03007-00, S/N: 2QP000296 MOUNTED IN AFT AVIONICS BAY. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GARMIN G3X INSTALLATION MANUAL P/N: 190-01115-01 REVISION Y. INSTALLED ONE OVERHAULED KING KX-165 NAV/COMM RECEIVER TRANSMITTER P/N: 069-1025-05, S/N: 14167 AND ONE ATTACHING KING KI-206 VOR G/S INDICATOR P/N: 066-3034-12, S/N: 18817. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO KX-155/165 INSTALLATION MANUAL.

The aircraft identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the aircraft/airframe manufacturers maintenance manual instructions and procedures. This aircraft is approved for return to service with respect to the above work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

DATE: 19 August, 2016

SIGNED:

Work Order: 4218-12-2015

Marco Alvarado
Certified Repair Station No. NOMR725J

MAKE GERALD F

REG. NO: N90GG

WORK ORDER:

4218-12-2015

MODEL: GLASAIR III

Airframe Entries

MA191-20140828 REVISION A.

USING AC-43.13-1B STANDARD PRACTICES.

GRUBER

S/N: 3115

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DATE: 19 August, 2016

WORK PERFORMED IN REFERENCE TO AC-43.13-1B PROCEDURES.

NORTHAMERICAN FLIGHT SERVICES

SIGNED:

Marco Alvarado Certified Repair Station No. NOMR725J

work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO AC-43.13-1B PROCEDURES.

North American Flight Services

Repair Station No. NOMR725J

REMOVED EXISTING PANEL MOUNTED CIRCUIT BREAKERS. INSTALLED ONE NEW VP-X ELECTRONIC CIRCUIT BREAKER SYSTEM P/N: VP-X PRO, S/N: 1849 ON FORWARD AVIONICS BAY LOCATION. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO VERTICAL POWER INSTALLATION MANUAL P/N:

INSTALLED NEW PANEL MOUNTED SWITCHED TO INCLUDE CONTROL FOR LANDING, TAXI, NAVIGATION, STROBE

MODIFIED PILOT, COPILOT, AND CENTER RADIO STACK PANELS TO CONFORM TO EXISTING AIRCRAFT STRUCTURE AND PREPARATION FOR WATER JET CUTTING, POWDER COATING AND LASER ETCHING. ALL WORK PERFORMED

The aircraft identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the aircraft/airframe manufacturers maintenance manual instructions and procedures. This aircraft is approved for return to service with respect to the above

REPOSITIONED EXISTING STANDBY GAUGES TO INCLUDE THE EXISTING 3G ADI, NEW AIRSPEED INDICATOR, EXISTING ALTIMETER. INSTALLED NEW PITOT AND STATIC LINES P/N: 44N AS REQUIRED. LEAK CHECKS SATISFACTORY. ALL

LIGHTS, BOOST PUMP, AVIONICS MASTER, BACKUP POWER AND PITOT HEAT. OPERATIONAL CHECKS

405 Greenfield Avenue

Ballston Spa. NY 12020

Phone: 518-885-5470

Work Order: 4218-12-2015

DATE: 19 August, 2016

A/C TSN: 1963.3

TACH: 1963.3

MAKE: GERALD F GRUBER MODEL: GLASAIR III S/N: 3115 REG. NO: N90GG WORK ORDER:



North American Flight Services

Repair Station No. N0MR725J 405 Greenfield Avenue Ballston Spa, NY 12020 Phone: 518-885-5470 DATE: 19 August, 2016 A/C TSN: 1963.3

TACH: 1963.3

Airframe Entries

4218-12-2015

INSTALLED ONE MAX DIM DIMMER ASSEMBLY P/N: P/N 9100-001-F ON PILOTS MAIN INSTRUMENT PANEL ASSEMBLY. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO MAX DIM INSTALLATION INSTRUCTION MANUAL P/N: 9150-013-A REVISION A.

REMOVED DEFECTIVE ANALOG CLOCK. INSTALLED NEW MID-CONTINENT MD93 CLOCK/USB CHARGER P/N: 6420093-1, S/N: K15-11498 ON COPILOTS MAIN INSTRUMENT PANEL. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO MD93 INSTALLATION MANUAL P/N: 9018205 REVISION D.

REMOVED EXISTING ZAHN ELECTRONICS VOLTAGE CONVERTER. INSTALLED ONE NEW LONE STAR DC CONVERTER P/N: LS03-05001-A, S/N: 005-003978, TWO LONE STAR CIGARETTE LIGHTER ADAPTERS P/N: LS-3-05025, S/N: 008-005904 AND S/N: 008-005905. ALL WORK PERFORMED IN REFERENCE TO LONE STAR AVIONICS INSTALLATION DRAWINGS LS03-05001-A, LS03-05025, AND AC-43.13-1B CH.11 STANDARD PRACTICES.

REMOVED EXISTING AIRSPEED INDICATOR. INSTALLED NEW AIRSPEED INDICATOR P/N: 16-311-400, S/N: C3250. LEAK CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO AC-43.13-1B PROCEDURES.

INSTALLED ONE NEW CO2 DETECTOR P/N: 353P-201, S/N: 95892. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GUARDIAN AVIONICS INSTALLATION INSTRUCTIONS.

The aircraft identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the aircraft/airframe manufacturers maintenance manual instructions and procedures. This aircraft is approved for return to service with respect to the above work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

DATE: 19 August, 2016

SIGNED:

Work Order: 4218-12-2015

Marco Alvarado Certified Repair Station No. NOMR725J

MAKE: GERALD F GRUBER MODEL: GLASAIR III S/N: 3115 REG. NO: N90GG WORK ORDER: 4218-12-2015



North American Flight Services

Repair Station No. N0MR725J 405 Greenfield Avenue Ballston Spa, NY 12020 Phone: 518-885-5470 DATE: 19 August, 2016 A/C TSN: 1963.3

TACH: 1963.3

Airframe Entries

INSTALLED BACKUP POWER UNIT FOR G3X SYSTEM ON AFT AVIONICS BAY P/N: 1BBS-12V-6AH, S/N: 20164960. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO TCW TECHNOLOGIES IBBS INSTALLATION INSTRUCTIONS.

REMOVED EXISTING LEFT AND RIGHT WING TIP LIGHTS. INSTALLED NEW CUSTOMER SUPPLIED LEFT WING TIP LIGHT P/N: AVE-WPSTR-61T, AND RIGHT WING TIP LIGHT P/N: AVE-WPSTG-61T. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO AVEO ENGINEERING INSTALLATION INSTRUCTIONS AVEOFLASHLP LSA. REMOVED DEFECTIVE WHELEN TAIL LIGHT ASSEMBLY P/N: A500, INSTALLED 1 NEW ORION OR5002V TAIL LIGHT LED ASSEMBLY P/N: 01-0771774V02. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO WHELEN OR5002V INSTALLATION INSTRUCTIONS.

REMOVED DEFECTIVE LANDING LIGHTS AND ATTACHED WIRING. INSTALLED NEW LANDING LIGHT WIRING USING M27500-18TG2T14 WIRE AND GE 4755 HALOGEN BULBS. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO AC-43.13-1B STANDARD PRACTICES AND PROCEDURES.

The aircraft identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the aircraft/airframe manufacturers maintenance manual instructions and procedures. This aircraft is approved for return to service with respect to the above work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

DATE: 19 August, 2016

SIGNED:

Work Order: 4218-12-2015

Marco Alvarado

Certified Repair Station No. NOMR725J

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DATE

MAKE: GERALD F GRUBER MODEL: GLASAIR III S/N: 3115 REG. NO: N90GG WORK ORDER: 4218-12-2015



North American Flight Services

Repair Station No. NOMR725J 405 Greenfield Avenue Ballston Spa, NY 12020 Phone: 518-885-5470 DATE: 19 August, 2016 A/C TSN: 1963.3

TACH: 1963.3

Airframe Entries

REMOVED DEFECTIVE RUDDER TRIM GAUGE AND WIRING. INSTALLED NEW RUDDER TRIM GAUGE P/N: 6033 AND WIRING TO EXISTING RUDDER TRIM SERVO USING M27500-22TG4T14 WIRING. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO AERO-TRIM INSTALLATION INSTRUCTIONS. REMOVED EXISTING PITOT, STATIC, AND AOA LINES. INSTALLED NEW PITOT, STATIC, AND AOA LINES P/N: 44N. ALL LINES ARE INTERFACED FROM THE PITOT AND STATIC PORTS TO GARMIN GSU-25 AND STANDBY INSTRUMENTS. LEAK CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GARMIN G3X INSTALLATION MANUAL P/N: 190-01115-01 REVISION Y AND AC43-13-1B STANDARD PRACTICES.
REMOVED EXISTING COPILOT CONTROL STICK GRIP. INSTALLED ONE NEW COPILOT INFINITY STICK GRIP P/N: 11-00033. INTERFACED PILOT AND COPILOT TO EXISTING PITCH TRIM, AILERON TRIM TAB, AND VERTICAL PRO SYSTEM. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO INFINITY AEROSPACE INSTALLATION INSTRUCTIONS.

The aircraft identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the aircraft/airframe manufacturers maintenance manual instructions and procedures. This aircraft is approved for return to service with respect to the above work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

DATE: 19 August, 2016

SIGNED:

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Work Order: 4218-12-2015

Marco Alvarado

Certified Repair Station No. NOMR725,

MAKE: GERALD F GRUBER MODEL: GLASAIR III S/N: 3115 REG. NO: N90GG WORK ORDER 4454-08-2016

BAT



North American Flight Services

Repair Station No. NOMR725J 405 Greenfield Avenue Ballston Spa, NY 12020 Phone: 518-885-5470

DATE: 19 August, 2016 A/C TSN: 1963.3 TACH: 1963.3

Avionics Entries

REMOVED DEFECTIVE LEFT STICK GRIP. INSTALLED NEW INFINITY AEROSPACE PILOT STICK GRIP P/N: 11-00034. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO INFINITY STICK GRIP

INSTALLATION INSTRUCTIONS REMOVED DEFECTIVE BATTERY MASTER SWITCH. INSTALLED NEW BATTERY MASTER SWITCH P/N: 11-15900.

OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO AC43.13-1B CHAPTER 11

PROCEDURES

INSTALLED ONE NEW COMANT COMM1 ANTENNA IN AFT AVIONICS BAY P/N: CI-121, S/N: 519264. OPERATIONAL CHECKS SATISFACTORY. ALL WORK PERFORMED IN REFERENCE TO GTR-20 INSTALLATION MANUAL AND AC-43.13-1B STANDARD PRACTICES AND PROCEDURES.

The aircraft identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and the aircraft/airframe manufacturers maintenance manual instructions and procedures. This aircraft is approved for return to service with respect to the above work performed. Further details are on file at this repair station under the work order number reflected on this log entry.

DATE: 19 August, 2016

SIGNED

Work Order: 4454-08-2016

Marco Alvarado

Certified Repair Station No. NOMR725J