



**HONDAJET HA-420
MAINTENANCE AND
INSPECTION RECORDS**



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N# N103JT
Model HA-420
S/N 42000163

Total Time: 4018.9
Landings: 2716
Date: 10/1/2024

Maintenance Performed:

Page: 1 of 1

This aircraft is no longer being maintained per G C Aviation, Inc. Certificate GZXA746L.

I certify this aircraft has been inspected and/or repaired per G C Aviation Inc.'s Continuous Airworthiness Maintenance Program in accordance with G C Aviation, Inc.'s GMM as revised and to the best of my knowledge no known condition exists that would make this aircraft unairworthy and is Approved for Return to Service with respect to work performed.

Signature: 

Certificate Type & # A&P 3761935



DES MOINES
FLYING SERVICE

INTERNATIONAL AIRPORT

PO BOX 35126 - DES MOINES, IOWA 50315-0302 TELEPHONE (515) 256-5300

- FAX (515) 256-5537

dmfs.com

Date
01/17/2024

AIRCRAFT
N103JT

MODEL
HA-420

SERIAL
42000163

TIME
4,004.2

CYCLES
2,707

1. Serviced Aircraft hydraulic system IAW HA-420 AMM 12-11-12.

I certify this aircraft has been inspected and/or repaired per the G C Aviation, Inc.'s Continuous Airworthiness Maintenance Program in accordance with G C Aviation, Inc.'s GMM as revised and to the best of my knowledge no known condition exists that would make this aircraft unairworthy and is Approved for Return to Service with respect to work performed.

The aircraft, airframe, aircraft engine, propeller, 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 agency under Work Order N° 22446.

Date Signed 01/17/2024:

Kurt Gabriel



Kurt Gabriel

Des Moines Flying Service

FAA CRS G9CR485J

Make: Honda Jet	Reg. No.: N103JT
Model: HA-420	Date: November 01, 2023
Serial No.: 42000163	W/O No.: 50900
Hours: 3943.8 Landings: 2646	Page: 1


AIRFRAME MAINTENANCE ENTRY

Description of Work Accomplished.

Inspections:

- *Complied with **1 Month** Left and Right Engine Performance Check, Monitor and Record Specific Engine Data. (70-31-00-970-801)
- *Complied with **6 Month** ELT Self-Test. (25HA2563062)
- *Complied with **12 Month** Inspection of First Aid Kit, P/N X002XE6PJR. (25CA2521500)
- *Complied with **60 Month** Flexible Oxygen Hoses Visual Inspection P/N HJ1-13520-306-003, HJ1-13520-309-005. (35HA3521156)
- *Complied with No. 4 Position Mask Deployment Manifold Plate Inspection P/N HJ1-13520-302-001, S/N D18070332, DOM: 07/20/2018 Work performed IAW HA-420 CMM 35-20-22. (35HA3521204)

Parts Replaced:

- *Removed Nose Wheel Assembly P/N 90006367, S/N Jan18-0188. Disassembled, cleaned, visually inspected, and performed NDT of wheel halves and bolts, no discrepancies noted. Assembled Nose Wheel with original Tire and new packing P/N MS28775-260. Installed new Races P/N 13836-20629 and Bearings P/N 13889-20629. Lubricated and installed wheel bearings. Serviced tire with dry nitrogen, performed leak checks, no leaks noted. balanced nose wheel Installed Nose Wheel Assembly on aircraft. Work performed IAW Honda Jet MM 32-41-10 and Meggitt Aircraft Braking Systems CMM 32-46-45. (32CA3241474).
- *Removed Pilot Life Preserver P/N P01202-10C, S/N 1811270018, installed new P/N P01202-10C, S/N 23051560008. DOM 05/18/2023. Next inspection due 05/18/2028. (25CA2560025)
- *Removed Co-Pilot Life Preserver P/N P01202-10C, S/N 1811270014, installed new P/N P01202-10C, S/N 23051560027. DOM 05/18/2023. Next inspection due 05/18/2028. (25CA2560026)

Approval for Return to Service

I certify this aircraft has been inspected and/or repaired per the G C Aviation, Inc.'s Continuous Airworthiness Maintenance Program in accordance with G C Aviation, Inc.'s GMM as revised and to the best of my knowledge no known condition exists that would make this aircraft unairworthy and is Approved for Return to Service with respect to work performed. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature: 

Robert Tuttle, Chief Inspector

HONDA JET SOUTHEAST

FAA Certificated Repair Station WD4R618M

5360 NW 20th Terrace Fort Lauderdale, Florida 33309
Phone 954 491 3170 Fax 954 491 1612

Make: Honda Jet	Reg. No.: N103JT
Model: HA-420	Date: November 01, 2023
Serial No.: 42000163	W/O No.: 50900
Hours: 3943.8 Landings: 2646	Page: 2


AIRFRAME MAINTENANCE ENTRY

Description of Work Accomplished.

Airworthiness Directives and Service Bulletins:

- *Complied with **Service Bulletin SB 420-27-008** - 90 Days/300 Hour Flight Control Flaps Pushrod Assemblies Control Corrosion Treatment. Work performed IAW Honda Aircraft Company Service Bulletin SB-420-27-008 3.0 accomplishment instructions (7) (RC) Application of Corrosion Inhibiting Compound (CIC). **Next Compliance Date due on or before February 29, 2024/4243.8 Hour.**
- *Complied with **FAA AD 2021-22-12** - 90 Day/300 Hour Flight Control Flaps Pushrod Assemblies Treatment. Work performed IAW Honda Aircraft Company Service Bulletin SB-420-27-008 3.0 accomplishment instructions (7) (RC) Application of Corrosion Inhibiting Compound (CIC). **Next Compliance Date due on or before February 29, 2024/4243.8 Hour.**

Approval for Return to Service

I certify this aircraft has been inspected and/or repaired per the G C Aviation, Inc.'s Continuous Airworthiness Maintenance Program in accordance with G C Aviation, Inc.'s GMM as revised and to the best of my knowledge no known condition exists that would make this aircraft unairworthy and is Approved for Return to Service with respect to work performed. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature: 

Robert Tuttle, Chief Inspector

HONDA JET SOUTHEAST

FAA Certificated Repair Station WD4R618M

5360 NW 20th Terrace Fort Lauderdale, Florida 33309
Phone 954 491 3170 Fax 954 491 1612



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N# <u>N103JT</u>	Total Time: <u>3943.8</u>
Model <u>HA-420</u>	Landings: <u>2646</u>
S/N <u>42000163</u>	Date: <u>11-01-2023</u>
Maintenance Performed:	Page: <u>1</u> of <u>1</u>
This aircraft is now being maintained per the G C Aviation, Inc.'s Continuous Airworthiness Maintenance Program in accordance with Code of Federal Regulations Part 135.411 (a)(2) or (b).	
I certify this aircraft has been inspected and/or repaired per G C Aviation Inc.'s Continuous Airworthiness Maintenance Program in accordance with G C Aviation, Inc.'s GMM as revised and to the best of my knowledge no known condition exists that would make this aircraft unairworthy and is Approved for Return to Service with respect to work performed.	
Signature: <u>[Signature]</u>	Certificate Type & # <u>A&P 3761935</u>

Make: Honda Jet	 BANYAN	Reg. No.: N103JT
Model: HA-420		Date: Aug 28, 2023
Serial No.: 42000163		W/O No.: 50644
Hours: 3943.8 Landings: 2646		Page: 1
AIRFRAME MAINTENANCE ENTRY		

Description of Work Accomplished.

Performed the following Inspection Items:

- Complied with **1 Month** Aft Handheld Fire Extinguisher Visual Inspection. (26CU260001) P/N: RT-A1200, S/N: Y-502035. Weight: 3 LBS 5 OZ.
- Complied with **1 Month** Forward Handheld Fire Extinguisher Visual Inspection. (26CU260001) P/N: RT-A1200, S/N: Y-Y-502351. Weight: 3 LBS 5 OZ.
- Complied with **6 Month** No.2 Main Battery Capacity Check. (24CA2430013) P/N: RG-390ES, S/N: 41193522. PASSED AT 100%. Next due: 02/2024.
- Complied with **12 Month** Inspection of First Aid Kit. (25CA2521500A) Serial No. FA4AS001. MFR. Date: MAR 2023.
- Complied with **48 Month** Position No.1 Passenger Mask Deployment Manifold Plate (P/N: HA5000000 and HA6000000) Visual Inspection, no discrepancies noted. Manifold P/N: HJ1-13520-301-001, S/N: D18100957. Work performed IAW Zodiac CMM 35-20-22 and HA-420 AMM 35-21-10-000-400-801. (35HA3521221)
- Complied with **48 Month** Position No.2 Passenger Mask Deployment Manifold Plate (P/N: HA5000000 and HA6000000) Visual Inspection, no discrepancies noted. Manifold P/N: HJ1-13520-301-001, S/N: D18100960. Work performed IAW Zodiac CMM 35-20-22 and HA-420 AMM 35-21-10-000-400-801. (35HA3521222)
- Complied with **48 Month** Position No.3 Passenger Mask Deployment Manifold Plate (P/N: HA5000000 and HA6000000) Visual Inspection, no discrepancies noted. Manifold P/N: HJ1-13520-301-001, S/N: D18100959. Work performed IAW Zodiac CMM 35-20-22 and HA-420 AMM 35-21-10-000-400-801. (35HA3521223)

Performed the following Maintenance:

- Complied with logbook research. Reviewed Airworthiness Directives, Serviced Bulletins, Inspection Due List, Overhauled and Replacement Schedule, Life Limited Parts, Form 337, Weight & Balance, AFM Revision, Manual Revision and Equipment List.
- Fueled aircraft to capacity and performed leak checks, no leaks noted at this time. Work performed IAW HA-420 AMM 12-11-10.
- Performed operational test of all exterior and interior lights and found ok at this time. Work performed IAW HA-420 AMM 33-00-01.
- Complied with CMF data download, uploaded CMF logs to the Honda jet portal for revision, no further action is required at this time. Work performed IAW HA-420 AMM 31-00-01.
- Complied with **28 Days** Navigation Database Update to the latest cycle, expiration date: **September 7, 2023**. Safe Taxi expiration date: **October 5, 2023**. Obstacle expiration date: **October 5, 2023**. Airport directory expiration date: **October 5, 2023**. Electronic charts disable: **October 26, 2023**. Performed good operational checks IAW G3000 Line Maintenance Manual 190-01597-00.

Removed and replaced the following Components:

- Removed and replaced **Ground Cooling Fan** P/N: HJ1-13601-501-009, S/N: 00282 with **Ground Cooling Fan** P/N: HJ1-13601-501-009, S/N: 00254. Performed operational checks, no discrepancies noted. Work performed IAW HA-420 AMM 36-11-11.
- Removed and replaced **Engine No.1 Fire Detection Loop** P/N: HJ1-12612-102-001, S/N: 54873 with new **Fire Detection Loop** P/N: HJ1-12612-102-001 S/N: 62533. Performed operational check, no discrepancies noted at this time. Work performed IAW HA-420 AMM 26-11-10.
- Removed and replaced **No.2 VHF/L-Band Antenna** P/N: CL1085-20-L, S/N: 62-823 with new **VHF Antenna** P/N: VL10-856, S/N: 0257 and new **Gasket** P/N: AG844000-31. Performed operational and leak checks, no discrepancies noted at this time. Work performed IAW HA-420 AMM 23-11-10 and 21-30-01-501.

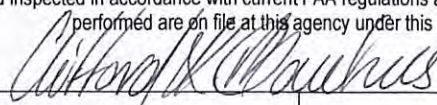
Complied with the following Airworthiness Directives and Service Bulletins:

- AD 2021-22-12 Paragraph (g)(2)** – Flap pushrod corrosion control. Work performed IAW SB 420-27-008 and AD 2021-22-12. **Next due Nov. 23, 2023 or 4243.8 Hours.**
- SB 420-27-008** – Flap pushrod corrosion control. **Next due Nov. 23, 2023 or 4243.8 Hours.**
- AD 2023-11-03 Paragraph (g)** – was previously complied with. Parag (h) which required the affected part numbers and serial number windshields to be replaced was previously complied with via installation of LH windshield P/N: HJ1-15610-010-010, S/N: 01141R and RH windshield P/N: HJ1-15610-010-010, S/N 720N. Per Parag (i) - After replacing the windshield assemblies required by Parag (h) of AD 2023-11-03, remove the AFM and QRH pages that were required by Parag (g) of this AD.

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature:



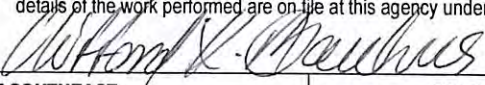
Clifford Bacchus, Inspector

HONDA JET SOUTHEAST

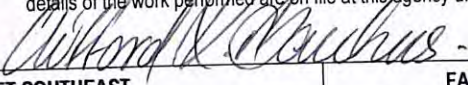
FAA Certificated Repair Station WD4R618M

5360 NW 20th Terrace Fort Lauderdale, Florida 33309
Phone 954 491 3170 Fax 954 491 1612

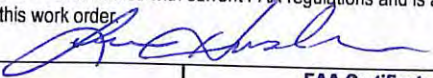
Make: GE Honda Aero Engine		Reg. No.: N103JT
Model: HF120-H1A		Date: August 28, 2023
Serial No.: 883445		W/O No.: 50644
Hours: 3263.3 Cycles: 2188		Page: 1 Hobbs:
Left Engine Maintenance Record		

Description of Work Accomplished.	
➤ Complied with 1 Month Engine Performance Check – Monitor and Record Specific Engine Data IAW Honda HA-420 MM 31-00-01-910-801. (70-31-00-970-801) ➤ Complied with Borescope Inspection of Engine for FOD only. Work performed IAW HF120 Line Maintenance Manual 72-00-00.	
Approval for Return to Service	
The article identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.	
Authorized Signature: 	Clifford Bacchus, Inspector
HONDA JET SOUTHEAST	FAA Certified Repair Station WD4R618M
5360 NW 20 th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

Make: GE Honda Aero Engine		Reg. No.: N103JT
Model: HF120-H1A		Date: August 28, 2023
Serial No.: 883442		W/O No.: 50644
Hours: 3460.3 Cycles: 2324		Page: 1 Hobbs:
Right Engine Maintenance Record		

Description of Work Accomplished.	
➤ Complied with 1 Month Engine Performance Check - Monitor and Record Specific Engine Data IAW Honda HA-420 MM 31-00-01-910-801. (70-31-00-970-801) ➤ Complied with Borescope Inspection of Engine for FOD only. Work performed IAW HF120 Line Maintenance Manual 72-00-00.	
Approval for Return to Service	
The article identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.	
Authorized Signature: 	Clifford Bacchus, Inspector
HONDA JET SOUTHEAST	FAA Certified Repair Station WD4R618M
5360 NW 20 th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

Make: Honda Aircraft Company LLC	 Maintenance Record	Reg. No.: N72HJ
Model: HA-420		Date: July 26, 2023
Serial No.: 42000082		W/O No.: 50624
Hours: 1210.3 Lndgs: 999		Page: 1 Hobbs:

Description of Work Accomplished.	
➤ Removed and replaced Cabin Management System Controller (ECMS) P/N HJ1-12335-102-003, S/N 06WH3 with unit P/N HJ1-12335-102-003, S/N EQ201-01-00288 Repaired by BE Aerospace Inc. CRS# PB9R229N under WO# 8500004897 IAW Honda HA-420 MM 23-30-12-000-801, no discrepancies noted. ➤ Performed Configuration of ECMS System IAW Service Bulletin SB-420-44-001. Performed operational test with no defects noted at this time.	
Approval for Return to Service	
The article identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.	
Authorized Signature:  HONDA JET SOUTHEAST	Lewis Homsher, Inspector FAA Certificated Repair Station WD4R618M
5360 NW 20 th Terrace Fort Lauderdale, Florida 33309	Phone 954 491 3170 Fax 954 491 1612

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP302646

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	3884	48	2506

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial
34001	Removed left air data probe PN 2015T-1B SN 0303 and installed probe PN 2015T-1B SN 0129 probe modified by Certificate No: RJLR391K, on Work order 45089757, dated 21 OCT 2022 IAW HA-420 AMM 34-11-10. Performed satisfactory functional test of the primary air data system Multi functional probe IAW HA-420 AMM 34-00-02-700-803. Performed a satisfactory cabin pre-pressurization leak test IAW HA-420 AMM 21-30-01.			
	1	2015T-1B	PROBE, MULTI-FUNCT AIR DATA	MO 0129
52001	Installed new Seal P/N: HJ1-15280-536-001 on right hand, main landing gear, outboard door IAW HA-420 AMM 20-13-16.			
	1	HJ1-15280-536-001	SEAL - OUTBD DR, MLG	NE

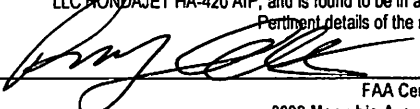
I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(2), FAR 135.411 (a)(1), Jet It, LLC HONDAJET HA-420 AAIP, and is found to be in an airworthy condition and is approved for return to service for the work performed.

Date: 05 / 07 / 2023

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

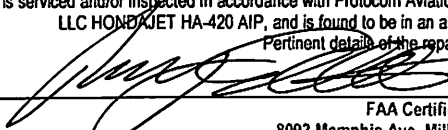
Make:	Honda Jet							Reg. No:	N103JT		
Model:	HA-420							Serial No:	42000163		
W/O No:	NQA-26	LOGBOOK ENTRY AIRFRAME						Date:	April 10 th , 2023		
Acft Hours:	3791.5							Landings:	2541		
Eng Type:	GHAЕ HF120	Eng Serial No:	883445	Hours:	3111.0	Cycles:	2083				
Eng Type:	GHAЕ HF120	Eng Serial No:	883442	Hours:	3308.0	Cycles:	2219	Page:	1	OF	1

Description of Work Accomplished											
Airframe Supplemental Inspections > Performed 30-day supplemental inspection with reference to NFPA 10 on 26CU260001 (Hand-held fire extinguishers) > Performed 30-day supplemental inspection on 25CA2521500B (First aid kit)											
Airframe Maintenance > Replaced nose landing gear wheel assembly p/n: HJ1-13240-020-001 s/n: MAR15-0079 (TSN: 1828.8 / CSN: 1205 / TSO: 1618.2 / CSO: 1053 / TSI: 948.6 / CSI: 599) and tire p/n: M19301 s/n: 9143C299 (TSN: 948.6 / CSN: 599) with repaired wheel assembly p/n: HJ1-13240-020-001 s/n: JAN18-0188 (TSN: 952.3 / CSN: 661 / TSI: 0.0 / CSI: 0) and tire p/n: M19301 s/n: 2057B068 (TSN: 0.0 / CSN: 0) with reference to HA-420 Aircraft Maintenance Manual Chapter 32. > Replaced nose landing gear through bolt nut with new item p/n: MS17825-5 with reference to HA*420 Aircraft Maintenance Manual Chapter 32. > Replaced left-hand main landing gear wheel assembly p/n: HJ1-13240-010-003 s/n: SEP15-0199 (TSN: 2027.9 / CSN: 1240 / TSO: 1089.2 / CSO: 711) and tire p/n: M19402 s/n: 2062B241 (TSN: 333.6 / CSN: 207) with repaired wheel assembly p/n: HJ1-13240-010-003 s/n: OCT19-0522 (TSO: 690.6 / CSO: 465) and tire p/n: M19402 s/n: 2163B140 (TSN: 0.0 / CSN: 0) with reference to HA-420 Aircraft Maintenance Manual Chapter 32. > Replaced right-hand main landing gear wheel assembly p/n: HJ1-13240-010-003 s/n: AUG19-0503 (TSN: 2030.4 / CSN: 1308 / TSO: 1150.1 / CSO: 741) and tire p/n: M19402 s/n: 2115B124 (TSN: 254.3 / CSN: 163) with repaired wheel assembly p/n: HJ1-13240-010-003 s/n: MAR16-0264 (TSO: 1076.3 / CSO: 719 / TSI: 0.0 / CSI: 0) and tire p/n: M19402 s/n: 2161B179 (TSN: 0.0 / CSN: 0) with reference to HA-420 Aircraft Maintenance Manual Chapter 32. > Installed replacement right-hand landing gear uplock switch retainer p/n: 15PA107 with reference to Honeywell Installation Instructions Ref. 500032079 Issue 1.											
Engine Inspections > Performed monthly engine performance trend monitoring inspection with reference to GHAЕ HF120 SB No. 71-0000 Paragraph 3.C. for both engines.											
Performance Checks > Performed leak checks as applicable to disturbed components. > Performed operational checks as applicable to disturbed components.											
Approval for Return to Service											
I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(4), FAR 135.411 (a)(1), Jet It, LLC HONDAJET HA-420 AIP, and is found to be in an airworthy condition and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under this work order.											
Authorized Signature: 											
FAA Certificated Repair Station VONR113E 8092 Memphis Ave, Millington TN 38053 Phone (901) 520-6777											

Make:	Honda Jet					Reg. No:	N103JT		
Model:	HA-420					Serial No:	42000163		
W/O No:	NQA-6	LOGBOOK ENTRY AIRFRAME				Date:	February 10 th , 2023		
Acft Hours:	3566.1					Landings:	2393		
Eng Type:	GHAH HF120	Eng Serial No:	883445	Hours:	2885.6	Cycles:	1935		
Eng Type:	GHAH HF120	Eng Serial No:	883442	Hours:	3082.6	Cycles:	2071	Page:	1 OF 1

Description of Work Accomplished									
Bulletins / Directives Complied with FAA AD2021-22-12 Para (g)(2) Effective November 19, 2021 (Flap pushrod assemblies) and Honda Aircraft Company SB-420-27-008 Para (3.0)(5)(a) through (c) Dated August 31, 2021 (Flight Controls – Flap Pushrod Corrosion Control) in accordance with AD and SB instructions. Next due compliance in 300 hours or 90 days.									
Airframe Inspections - Performed 150-hour inspection with reference to HA-420 Airworthiness Limitation and Inspection Manual Section 05-20-00 Table 602 on 12HA1221102 (Landing gear lubrication). Serviced gear with grease: Mobil 28. - Performed 150-hour inspection with reference to HA-420 Airworthiness Limitation and Inspection Manual Section 05-60-00 Table 601 on 26HA2600104 (Fire detector and Fire suppression bottle indications) - Performed Every 90-days inspection with reference to HA-420 Airworthiness Limitation and Inspection Manual Section 05-60-00 Table 603 on Inboard flap pushrod and Outboard flap pushrod.									
Airframe Supplemental Inspections - Performed 150-hour supplemental inspection with reference to Bose A20 Aviation Headset Owner's Guide on 23CU230010 (Bose Headset). Replaced batteries with new items (AA). - Performed 150-hour supplemental inspection with reference to Honeywell Installation Instructions Ref. 500032079 Issue 1 on 32CU329001 (MLG Uplock retainers) - Performed 30-day supplemental inspection with reference to NFPA 10 on 26CU260001 (Hand-held fire extinguishers) - Performed 30-day supplemental inspection on 25CA2521500B (First aid kit)									
Airframe Maintenance - Replaced left-hand main landing gear brake assembly p/n: 90006366 s/n: DEC18-0387 (TSO: 425.2 / CSO: 269) with overhauled item p/n: 90006366 s/n: MAY17-0273 (TSO: 0.0 / CSO: 0) with reference to HA-420 Aircraft Maintenance Manual Chapter 32. - Replaced right-hand main landing gear brake assembly p/n: 90006366 s/n: AUG15-0147 (TSO: 425.2 / CSO: 269) with overhauled item p/n: 90006366 s/n: APR18-0339 (TSO: 0.0 / CSO: 0) with reference to HA-420 Aircraft Maintenance Manual Chapter 32 and Component Maintenance Manual 32-44-95. - Installed replacement left-hand main landing gear uplock switch retainer p/n: 15PA107 with reference to Honeywell Installation Instructions 500032079 Issue 1 - Activated Air-Sync service. Bridge code: 6L6XQDBP. Card code: A9K6CULQ.									
Engine Inspections Performed monthly engine performance trend monitoring inspection with reference to GHAH HF120 SB No. 71-0000 Paragraph 3.C. for both engines.									
Performance Checks - Performed leak checks as applicable to disturbed components. - Performed operational checks as applicable to disturbed components.									
Approval for Return to Service I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(4), FAR 135.411 (a)(1), Jet It, LLC HONDAJET HA-420 AIP, and is found to be in an airworthy condition and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under this work order.									
Authorized Signature: 									
FAA Certificated Repair Station VONR113E 8092 Memphis Ave, Millington TN 38053 Phone (901) 520-6777									

Make:	Honda Jet					Reg. No:	N103JT			
Model:	HA-420					Serial No:	42000163			
W/O No:	NQA-T118	LOGBOOK ENTRY AIRFRAME				Date:	January 30 th , 2023			
Acft Hours:	3537.2					Landings:	2378			
Eng Type:	GHAH HF120	Eng Serial No:	883445	Hours:	2856.7	Cycles:	1920			
Eng Type:	GHAH HF120	Eng Serial No:	883442	Hours:	3053.7	Cycles:	2056	Page:	1	OF 1

Description of Work Accomplished										
Airframe Maintenance > Adjusted left-hand galley lower drawer with reference to HA-420 Aircraft Maintenance Manual Chapter 25. > Replaced right-hand main landing gear wheel assembly p/n: 90006365 s/n: NOV16-0344 (TSN: 2215.3 / CSN: 1529 / TSO: 834.9 / CSO: 548) and tire p/n: M19402 s/n: 2060B144 (TSN: 268.3 / CSN: 171) with repaired wheel assembly p/n: 90006365 s/n: AUG19-0503 (TSN: 1776.1 / CSN: 1145 / TSO: 895.8 / CSO: 578) and tire p/n: M19402 s/n: 2115B124 (TSN: 0.0 / CSN: 0) with reference to HA-420 Aircraft Maintenance Manual Chapter 32. Performance Checks > Performed leak checks as applicable to disturbed components. > Performed operational checks as applicable to disturbed components.										
Approval for Return to Service										
I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(4), FAR 135.411 (a)(1), Jet It, LLC HONDAJET HA-420 AIP, and is found to be in an airworthy condition and is approved for return to service for the work performed.										
Pertinent details of the repair are on file at this agency under this work order.										
Authorized Signature: 										
FAA Certificated Repair Station VONR113E 8092 Memphis Ave, Millington TN 38053 Phone (901) 520-6777										

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP302547

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cycles
Aircraft	HA-420	42000163	3459	12	2335

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

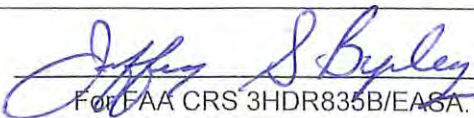
Sequence	Action Taken
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Parts	Qty	PN	Description	CD	Serial
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- 32001 Removed, balanced, and re-installed NLG wheel and tire assembly in accordance with HA-420 AMM 32-41-10 and 32-44-11.
- 32002 Installed NLG wheel and tire assembly warning placards in accordance with HA-420 AMM 32-44-11.
- 52001 Repaired Nose Baggage Door upper forward latch plunger in accordance with Honda Aircraft Company Repair Memo HA-420-0_8000645-5 and HA-420 AMM 20-11-10.

I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(4), FAR 135.411 (a)(1), Jet It, LLC HONDAJET HA-420 AIP, and is found to be in an airworthy condition and is approved for return to service for the work performed.

Date: 01 / 11 / 2023

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

Make:	Honda Jet					Reg. No:	N103JT		
Model:	HA-420					Serial No:	42000163		
W/O No:	NQA-T100	LOGBOOK ENTRY AIRFRAME				Date:	January 10 th , 2023		
Acft Hours:	3457.9					Landings:	2334		
Eng Type:	GHAH HF120	Eng Serial No:	883445	Hours:	2777.4	Cycles:	1876		
Eng Type:	GHAH HF120	Eng Serial No:	883442	Hours:	2974.4	Cycles:	2012	Page:	1 OF 1

Description of Work Accomplished									
Airframe Supplemental Inspections ➤ Performed monthly supplemental inspection with reference to NFPA 10 on Hand-held fire extinguishers ➤ Performed monthly supplemental inspection on First aid kit									
Airframe Maintenance ➤ Removed damaged screw from nose jacking point and replaced with new item p/n: NAS1581C3R7P with reference to HA-420 AMM Chapter 7. ➤ Adjusted left-hand galley upper drawer with reference to HA-420 AMM Chapter 25. ➤ Resecured co-pilot sun visor with reference to HA-420 AMM Chapter 25. ➤ Investigated discrepancy of vibration noted above 60kts during take-off and landing. Performed visual inspection on NLG wheel assembly. Found ruler tape strip on NLG. Removed tape. Performed high-speed taxi to troubleshoot discrepancy. Jacked NLG and removed NLG wheel assembly. Cleaned, inspected, and repacked NLG wheel gear bearings. Reinstalled NLG wheel assembly. Performed high-speed taxi to further troubleshoot discrepancy. Vibration severity no longer noted. Work performed with reference to HA-420 AMM Chapter 32. ➤ Replaced left-hand main landing gear tire p/n: M19402 s/n: 2069B276 (TSN: 189.0 / CSN: 127) with new tire p/n: M19402 s/n: 2062B241 (TSN: 0.0 / CSN: 0) with reference to HA-420 Aircraft Maintenance Manual Chapter 32. ➤ Removed vanity sink tank. Removed Gray water nipple assembly for cleaning. Cleaned nipple assembly and reinstalled. Reinstalled tank assembly to vanity unit. Verified correct fitment of tank to unit. Performed operational check of drain system satisfactorily. Sink drains at normal rate. Suspect previous loose installation of tank. Work performed with reference to HA-420 AMM Chapter 38. ➤ Investigated forward baggage compartment door CAS message MEL entry. Noted forward upper latch plunger to be sheared. MEL to be extended due to lack of part availability. MEL expiration: 15-Jan-2023. Work performed with reference to HA-420 AMM Chapter 52. ➤ Resecured insert and replaced screw with inspected item p/n: 10100FB1007 on vanity water dual tank nipple attachment with reference to Adams Rite Aerospace CMM Part No. 77217. ➤ Aircraft exterior detailed by Kevin's Aircraft Cleaning of Sarah, MS.									
Engine Inspections ➤ Performed 30-day engine performance trend monitoring inspection with reference to GHAH HF120 SB No. 71-0000 Paragraph 3.C. for both engines									
Performance Checks ➤ Performed leak checks as applicable to disturbed components. ➤ Performed operational checks as applicable to disturbed components.									
Approval for Return to Service I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(4), FAR 135.411 (a)(1), Jet It, LLC HONDAJET HA-420 AIP, and is found to be in an airworthy condition and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under this work order.									
Authorized Signature:  FAA Certificated Repair Station VONR113E 8092 Memphis Ave, Millington TN 38053 Phone (901) 520-6777									

MAKE: HONDA
MODEL: HA-420
S/N: 42000163
REG. NO: N103JT
WORK ORDER: M3990



Keystone Aviation LLC

Repair Station No. K5SR339N
303 N 2370 W
Salt Lake City, Utah 84116
Phone: 801-633-7534

DATE: 12/9/2022
A/C TSN: 3417.2
Landings: 2306
TACH:

Airframe Entries

- 1 Ice detector fault cas message. Troubleshooting found #1 Ice detector at fault. Remove #1 Ice detector, p/n 0871ND4-1, s/n 0871ND4-1-0388. Installed repaired Ice detector, p/n 0871ND4-1, s/n 0871ND4-1-0470. Ice detector repaired by Rosemount Aerospace Inc, crs # RJLR391K, under their w/o 45199203/850004849, dated 17/NOV/2022. Performed operational test with satisfactory results. Work performed per Hondajet HA420 AMM 30-81-10-000-801.

I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f4), FAR 135.411 (a)(1), and is found to be in an airworthy condition and is approved for return to service for the work performed.

DATE: 12/9/2022

SIGNED:

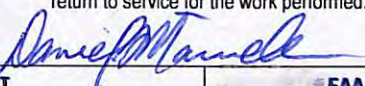
Andre Martinez
Certified Repair Station No. K5SR339N

Work Order: M3990

Printed by EBIs 3 (datcomedia.com)



Maintenance and Inspection Entries
HA-420
Registration No. N103JT S/N 163

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 3320.4 Lndgs: 2250  Aircraft Maintenance Record Reg. No.: N103JT Date: October 14, 2022 W/O No.: 49429 Page: 1 Hobbs:	
			Description of Work Accomplished. ➤ Complied with 1 Month Performance Check – Monitor and Record Specified Data. (70-30-00-970-801). ➤ Complied with 1 Month Inspection of First Aid Kit. No discrepancies noted. (25CA2521500B). ➤ Complied with 1 Month Visual Inspection of Handheld Fire Extinguisher. P/N RT-1200A, S/N Y-502351. Init wt: 3.40 lbs, Curr wt: 3.35 lbs. DOM: 2019. (26CU260001). ➤ Complied with 1 Month Visual Inspection of Aft Handheld Fire Extinguisher. P/N RT-1200A, S/N Y-502035. Init wt: 3.40 lbs, Curr wt: 3.37 lbs. DOM: 2019. (26CU260001). ➤ Complied with 90 Day/300 Hour Clean Flap Pushrod Assemblies IAW Honda Aircraft Company SB-420-27-008 and FAA AD 2021-22-12. Next Due Jan 12, 2023. (FAA 2021-22-12). ➤ Removed loaner Engine HF120-H1AG03, S/N 883101 from L/H position of aircraft with TSN: 1682.6, CSN: 2058. Complied with GEHA HF120 Rental Engine Return Check List and Long Term Engine Preservation IAW HF120 LMM 72-00-00-700-016 which expires on Oct 14, 2023. Installed original engine HF120-H1A, S/N 883445 with TSN: 2657.4, CSN: 1802 Repaired by Honda Aero Inc. CRS# 3H9R123C, under WO# MO7228 IAW HA-420 MM 71-00-00. Performed satisfactory leak check and operational test with no discrepancies noted.	
			Approval for Return to Service I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Maintenance Manual, FAR 91.409(f)(3) and FAR 135.411(a)(1), Jet It, LLC Honda Jet HA-420 AIP and was found to be in airworthy condition and is approved for return to service for the work performed. Authorized Signature:  HONDA JET SOUTHEAST Daniel S. Marinelli, Inspector FAA Certified Repair Station WD4R618M	
			5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	



Maintenance and Inspection Entries

HA-420

Registration No. N103JT S/N 103

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 3320.0 Lndgs: 2249 Aircraft Maintenance Record Reg. No.: N103JT Date: October 7, 2022 W/O No.: 49399 Page: 1 Hobbs:	
			Description of Work Accomplished. ➤ Aircraft Discrepancy: LH AOA Fail and AFCS Fault CAS – Removed left Smart Probe P/N 2015T-1B S/N 0402 and installed unit P/N 2015T-1B S/N 0303, Repaired by Rosemount Aerospace Inc. CRS# RJLR391K under w/o 44952725. Unit certified (91.411, Appendix E, Part 43) on September 21, 2022. Performed operational/leak checks, no discrepancies noted. Work performed IAW HA-420 AMM 34-11-10. (34CA3411102)	
			Approval for Return to Service I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Maintenance Manual, FAR 91.409(f)(3) and FAR 135.411(a)(1), Jet It, LLC Honda Jet HA-420 AIP and was found to be in airworthy condition and is approved for return to service for the work performed. Authorized Signature: HONDA JET SOUTHEAST Robert Tuttle, Chief Inspector FAA Certificated Repair Station WD4R618M 5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

HONDA

Honda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP302430

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	3268	54	2207

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

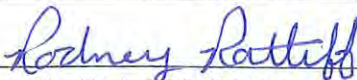
AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial
3001	SB-420-42-019 Complied with Honda Aircraft Company SB-420-42-019, Navigation - Wet and Contaminated Runway Performance, dated Jul 15/22. Loaded HA-420 EASA TOLD database options in accordance with HA-420 AMM 31-61-00. Installed AFM supplement HJ1-29004-003-027, Original Release.			
21001	Removed receiver dryer P/N 1150230-1, S/N 00409 and installed new receiver dryer P/N 1150230-1, S/N 00434. Performed a satisfactory nitrogen leak check and vacuum leak check. Charged VCS with 3.91 lbs of R134a. Work performed IAW Enviro CMM 21-00-4 and HA-420 AMM Chapter 25.			
	1	1150230-1	RECEIVER DRYER ASSY	NE 00434
25001	Removed USB charger P/N 6430202-1, S/N C19-11585 and installed new USB charger P/N 6430202-1, S/N A22-13208. Performed a satisfactory operational check of the Co-pilots USB charger. Work performed in accordance with HA-420 AMM 44-21-19 and 44-00-01.			
	1	6430202-1	USB CHARGE PORT, HIGH PWR, DUAL TYPE A,C	NE A22-13208
25002	Removed LH FWD seat backshell and installed new backshell P/N 3AAQ1568503 in accordance with B/E Aerospace CMM 25-25-73.			
32001	Removed LH MLG wheel and tire assembly P/N HJ1-13240-010-003, S/N SEP15-0199/1337B112. Disassembled, cleaned, and inspected wheel assembly. Removed and replaced valve stem P/N TR760-03, heat shield spacers P/N 5010891 and danger placard P/N 50003859. Repacked bearings with grease. Reassembled wheel assembly with new tire P/N M19402, S/N 2069B276. Performed a satisfactory 24 leak check. Work performed in accordance with HA-420 AMM 32-44-10 and Meggitt Aircraft Braking System CMM 32-41-46. Installed LH MLG wheel and assembly P/N HJ1-13240-010-003, S/N SEP15-0199/2069B276 in accordance with HA-420 AMM 32-41-11.			
	1	M19402	17.5X5.75R9-12PR-190MPH	NE 2069B276
32002	Removed RH MLG wheel and tire assembly P/N HJ1-13240-010-003, S/N NOV16-0344/1334B104. Disassembled, cleaned and inspected wheel assembly. Removed and replaced heat shield spacers. Repacked bearings with grease. Reassembled wheel assembly with new tire P/N M19402, S/N 2060B144. Performed a satisfactory 24 hour leak check. Work performed in accordance with HA-420 AMM 32-44-10 and Meggitt Aircraft Braking Systems CMM 32-41-46. Installed RH MLG wheel and tire assembly P/N HJ1-13240-010-003, S/N NOV16-0344/2060B144 in accordance with HA-420 AMM 32-41-11.			
	1	M19402	17.5X5.75R9-12PR-190MPH	NE 2060B144

I certify that this aircraft is serviced and/or inspected in accordance with Protocon Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(4), FAR 135.411 (a)(1), Jet It, LLC HONDAJET HA-420 AIP, and is found to be in an airworthy condition and is approved for return to service for the work performed.

Date: 8 / 12 / 2022

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

Make:	Honda Jet					Reg. No:	N103JT		
Model:	HA-420					Serial No:	42000163		
W/O No:	2022/163/002	LOGBOOK ENTRY AIRFRAME				Date:	July 13 th , 2022		
Acft Hours:	3140.9					Landings:	2124		
Eng Type:	GHAH HF120	Eng Serial No:	883101	Hours:	1503.1	Cycles:	1932		
Eng Type:	GHAH HF120	Eng Serial No:	883442	Hours:	2657.4	Cycles:	1802	Page:	1 OF 1

Description of Work Accomplished									
Bulletins / Directives Complied with FAA AD2021-22-12 Para (g)(2) Effective November 19, 2021 (Flap pushrod assemblies) and Honda Aircraft Company SB-420-27-008 Para (3.0)(7) Dated August 31, 2021 (Flight Controls – Flap Pushrod Corrosion Control) in accordance with AD and SB instructions. Next due compliance in 300 hours or 90 days.									
Airframe Inspections - Performed 150-hour inspection with reference to HA-420 Airworthiness Limitation and Inspection Manual Section 05-20-00 Table 602. Serviced gear with grease: Aeroshell 7. - Performed 150-hour inspection with reference to HA-420 Airworthiness Limitation and Inspection Manual Section 05-60-00 Table 601 - Performed 300-hour inspection with reference to HA-420 Airworthiness Limitation and Inspection Manual Section 05-60-00 Table 601									
Airframe Supplemental Inspections - Performed monthly customer inspection with reference to NFPA 10 on Hand-held fire extinguishers - Performed monthly customer inspection on First aid kit - Performed 150-hour customer inspection with reference to Bose A20 Aviation Headset Owner's Guide. Replaced batteries with new items (AA). - Performed 150-hour customer inspection with reference to Honeywell Installation Instructions Ref. 500032079 Issue 1 on MLG Uplock retainers - Performed 300-hour customer inspection on MED, and Forward and Aft Baggage door locks									
Airframe Maintenance - Investigated discrepancy of fuel slowly light inoperative. Determined fuel slowly switch to be defective. Replaced switch with new item p/n; LR3-46-21-BB-E22E1 with reference to HA-420 Aircraft Maintenance Manual Chapter 28. - Replaced left-hand main landing gear brake assembly p/n; 90006366 s/n; SEP18-0380 (TSN: 510.7 / CSN: 323) with overhauled item p/n; 90006366 s/n; DEC18-0387 (TSO: 0.0 / CSO: 0) with reference to HA-420 Aircraft Maintenance Manual Chapter 32. - Replaced right-hand main landing gear brake assembly p/n; 90006366 s/n; AUG15-0143 (TSN: 510.7 / CSN: 323) with overhauled item p/n; 90006366 s/n; AUG15-0147 (TSO: 0.0 / CSO: 0) with reference to HA-420 Aircraft Maintenance Manual Chapter 32 and Component Maintenance Manual 32-44-95. - Re-secured fuel cap lanyard to airframe using new rivet p/n; MS20470AD3-4 with reference to HAI Drawing No. HJ1-12811-302.									
Engine Inspections Performed 30-day engine performance trend monitoring inspection with reference to GHAH HF120 SB No. 71-0000 Paragraph 3.C.									
Engine Maintenance Investigated suspect oil leak on left-hand engine. Performed engine operational check and determined, after consultation with GHAH, probable internal oil tank leak. Left-hand engine s/n; 883445 (TSN: 2657.4 / TSO: 298.0 / CSN: 1802 / CSO: 182) removed and replaced with inspected engine s/n; 883101 (TSN: 1503.1 / CSN: 1932) by Des Moines Flying Service CRS No. G9CR485J under their work order reference: 21827. Work performed with reference to GHAH LMM Chapter 72 and HA-420 AMM Chapter 54 and 72.									
Performance Checks - Performed leak checks as applicable to disturbed components. - Performed operational checks as applicable to disturbed components.									
Approval for Return to Service									
I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(4), FAR 135.411 (a)(1), Jet It, LLC HONDAJET HA-420 AIP, and is found to be in an airworthy condition and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under this work order.									
Authorized Signature: 		FAA Certified Repair Station VONR113E 8092 Memphis Ave, Millington TN 38053 Phone (901) 520-6777							



DES MOINES
FLYING SERVICE

INTERNATIONAL AIRPORT
PO BOX 35126 – DES MOINES, IOWA 50315-0302 TELEPHONE (515)
256-5300 – FAX (515) 256-5537
dmfs.com

Date
07-12-2022

AIRCRAFT
N103JT

MODEL
HA-420

SERIAL
42000163

TIME
3140.9

CYCLES
2124

1. Removed LH Engine P/N: HF120-H1A S/N: 883445 from Aircraft S/N: 42000163. Installed Inspected LH engine P/N: **HF120-H1A S/N: 883101** (Ref. WO 21827, Cert. FAA CRS G9CR485J, Dated July 10, 2022) IAW HA-420 AMM 71-00-00.
2. Performed satisfactory operational test of the LH Engine IAW HA-420 AMM 72-00-01. Performed satisfactory leak check of the LH Engine IAW HF120 LMM 72-00-00.
 - Aircraft TSN: 3140.9 CSN: 2124
 - Removed Engine S/N: 883445 TSO: 298.0 CSO: 182
 - Installed Engine S/N: 883101 TSN: 1503.1 CSN: 1932

The aircraft, airframe, aircraft engine, propeller, 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 agency under Work Order № 21827.

I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed.

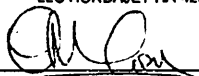
Date Signed 07/12/2022: Nic Alexander
Nic Alexander



Des Moines Flying Service

FAA CRS G9CR485J

Make:	Honda Jet					Reg. No:	N103JT		
Model:	HA-420					Serial No:	42000163		
W/O No:	2022/163/001	LOGBOOK ENTRY AIRFRAME				Date:	March 23 rd , 2022		
Acft Hours:	2771.7					Landings:	1898		
Eng Type:	GHAH HF120	Eng Serial No:	883101	Hours:	1431.9	Cycles:	1888		
Eng Type:	GHAH HF120	Eng Serial No:	883220	Hours:	433.8	Cycles:	327	Page:	1 OF 1

Description of Work Accomplished									
Airframe Inspections ➤ Performed 150-hour airframe inspection with reference to HA-420 Airworthiness Limitation and Inspection Manual Section 05-20-00 Table 602 on Landing gear ➤ Performed 150-hour airframe inspection with reference to HA-420 Airworthiness Limitation and Inspection Manual Section 05-60-00 Table 601 on Fire detector and suppression systems ➤ Performed 30-day customer item inspections with reference to Bose A20 Aviation headset owner's manual. Replaced AA batteries with new items, DOE: 12/2029 ➤ Performed 30-day customer item inspection with reference to NFPA 10 on Hand-held fire extinguishers ➤ Performed 30-day customer item visual inspection on First aid kit. ➤ Performed 30-day customer item inspection with reference to Honeywell Installation Instructions Ref: 500032079 Issue 1 on MLG Uplock retainers Airframe Maintenance ➤ Investigated operator reported discrepancy of nose shimmy during take-off and landing. Found no obvious damage to nose landing gear components that would cause discrepancy. Noted nose gear tire pressure to be low. Serviced nose gear tire to 125 psi. Operator to monitor performance during operation. Work performed with reference to HA-420 Aircraft Maintenance Manual Chapter 32 and 12. Engine Inspections ➤ Performed 30-day engine performance trend monitoring inspection with reference to GHAH HF120 SB No. 71-0000 Paragraph 3.C. for both engines									
Approval for Return to Service I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(4), FAR 135.411 (a)(1), Jet It, LLC HONDAJET HA-420 AIP, and is found to be in an airworthy condition and is approved for return to service for the work performed. Pertinent details of the repair are on file at this agency under this work order. Authorized Signature:  FAA Certificated Repair Station VONR113E 8092 Memphis Ave, Millington TN 38053 Phone (901) 520-6777									



Maintenance and Inspection Entries
HA-420
Registration No. 103JT S/N 163

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			MAKE: HONDA MODEL: HA-420 S/N: 42000163 REG NO: N103JT WORK ORDER: M3879 KEYSTONE AVIATION. Repair Station No: K5SR339N 303 N 2370 W Salt Lake City, Utah 84116 Phone: 801-933-7534 DATE: 3/19/2022 A/C TSN: 2753 4 Landings: 1880 TACH	
			Airframe Entries (1) PERFORMED TEST OF THE PITCH TRIM. FOUND LH PITCH TRIM NOT MOVING. ACCESSED FUSES FOR LH ACTUATOR IN AFT BAGGAGE CEILING AND FOUND 1 FUSE OPEN. REPLACED BOTH FUSES WITH NEW. PERFORMED OPERATIONAL TEST OF THE PITCH TRIM IN NORMAL AND STANDBY WITH SATISFACTORY RESULTS. CLOSED OUT CEILING PANEL. WORK PERFORMED PER HONDAJET HA420 AMM 27-32-11	
			I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. M3879. DATE: 3/19/2022 SIGNED: Andre Martinez Certified Repair Station No: K5SR339N Work Order: M3879 Printed by EBis 3 (datcomedia.com)	

MAKE Honda
MODEL HA-420
S/N 42000163
REG NO N103JT
WORK ORDER
FAM1076-03-2022

fly ADVANCED JET

flyADVANCED Maintenance, LLC.

Repair Station No. 5VWR338D
131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone 302-324-9970

DATE 3/11/2022
A/C TSN 2714.5
Landings 1862

Airframe Entries

RH SMART PROBE FAIL CAS MESSAGE - COMPLIED WITH R/H PROBE HEAT REPLACEMENT. REMOVED R/H SMART PROBE HEAT P/N 2015T-1B, S/N0366 AND REPLACED WITH PROBE HEAT "REPAIRED" P/N 2015T-1B, S/N 0259. REF TO HA420 AMM 34-11-10-000-801 AND CERTIFICATE OF CONFORMANCE BY HONDA AIRCRAFT COMPANY DATED 3-9-22, CUSTOMER NUMBER 12875, SALE'S ORDER 50013228 AND FAA FORM 8130-3 TRACKING NUMBER 0000000000009077222, CERT NUM RJLR391K DATED 28/JAN/2022 BY ROSEMOUNT AEROSPACE, INC. OPS CHECK SATISFACTORY. A/C WAS FOUND TO BE IN AN AIRWORTHY CONDITIONS

I certify that this aircraft was serviced and /or inspected in accordance with AeroWays Inc. General Maintenance Manual, FAR 91.409 (f) (3) and FAR135.411 (a) (1), was found to be in airworthy condition and is approved for return to service for the work performed.

DATE: 3/11/2022

SIGNED: 

Amaury Vazquez
Certified Repair Station No. 5VWR338D

Work Order: FAM1076-03-2022

Printed by EBis 3 (datcomedia.com)

MAKE: Honda
MODEL: HA-420
S/N: 42000163
REG NO N103JT
WORK ORDER:
FAM1037-01-2022

flyADVANCED JET flyADVANCED Maintenance, LLC.

Repair Station No. 5VWR338D
131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone: 302-324-9970

DATE: 1/28/2022
A/C TSN: 2673.7
Landings: 1636

Airframe Entries

L WINDSHIELD HEAT FAIL CAS MESSAGE. TROUBLESHOT SYSTEM. PERFORMED WINDSHIELD HEAT FUNCTIONAL CHECK IAW HA420 AMM 30-40-01. AT STEP 1. E. (1) (c), RESISTANCE BETWEEN P2-D AND P2-E ON WINDSHIELD HEAT CONTROLLER, SHOULD READ 255-305 OHMS. AN OPEN CIRCUIT IS BEING READ. PER HONDA TECH SUPPORT, THE THERMAL SENSOR IS BAD AND THE WINDSHIELD REQUIRES REPLACEMENT.- REMOVED AND REPLACED LH WINDSHIELD WITH NEW IAW HA420 AMM 56-11-10. WINDSHIELD HEAT OPS CHECKS GOOD IAW HA420 AMM 30-40-01. PN OFF - HJ1-15610-010-009. SN OFF - 983N. PN ON - HJ1-15610-020-001. SN ON - 01141R.

COMPLY WITH ELITE S SERVICE BULLETIN - COMPLIED WITH ELITE S SERVICE BULLETIN AS REQUIRED. TITLE; NAVIGATION - GARMIN SW 80.9.5 IN REF TO HONDA AIRCRAFT COMPANY SB-420-42-016 (REV B) AND HA-420 AMM 31-61-00-910-802.

LAV TOILET LOWER SHROUD STUDS DISBONDED. REPAIR.- REPAIRED LAV TOILET LOWER SHROUD STUDS. NO DEFECTS NOTED AT THIS TIME. REF. HONDA AIRCRAFT COMPANY HA-420 AMM 20-13-16.

COMPLIED WITH CAMP CODE 70-31-00-970-801 - NO. 1 ENGINE - PERFORMANCE CHECK - MONITOR AND RECORD SPECIFIED ENGINE DATA. REF. HONDA HA-420 AMM 31-00-01-910-801.

COMPLIED WITH CAMP CODE 70-31-00-970-801 - NO.2 ENGINE - PERFORMANCE CHECK - MONITOR AND RECORD SPECIFIED ENGINE DATA. REF. HONDA HA-420 AMM 31-00-01-910-801.

COMPLY WITH NAV DATA UPDATES - COMPLIED WITH NAV DATA UPDATES.

CYCLE 2201 EXP.DATE 24/FEB/2022

COMPLY WITH CHARTS UPDATE - COMPLIED WITH CHARTS UPDATE.

CYCLE 2201 EXP.DATE 24/FEB/2022.

COMPLY WITH SUPPLEMENTAL DATA UPDATES - COMPLIED WITH SUPPLEMENTAL DATA UPDATES.

EXP. DATE 24/MAR/2022.

DURING THE POST MAINTENANCE WALK AROUND, FOUND BOTH L/H AND R/H ENGINE OILS LOW AT THE ADD LINE - SERVICED BOTH L/H AND R/H ENGINE OILS WITH MOBIL JET 2 TO COLD FILL LINE WORK DONE IN REF WITH GHAE HF-120 LMM 79-00-00.

I certify that this aircraft is serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409(f4), FAR 135.411(a)(1), and is found to be in an airworthy condition and is approved for return to service for the work performed.

DATE: 1/28/2022

SIGNED:

Jake Brown
Certified Repair Station No. 5VWR338D

Work Order: FAM1037-01-2022

Printed by EBis 3 (datcomedia.com)



Maintenance and Inspection Entries
HA-420
Registration No. N123ST S/N 42000/63

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
03 MAR 22	2707.6	1857	Effective 01/1/22 this aircraft will be maintained I.A.W Honda Aircraft Company AMM recommended MX Programmed under F.A.R 91.409 (f4). Aircraft Is operated under under Protocom Air Carrier Certificate 4PMA001O	<i>VonKonstead Wright Jr</i> A&P 3743568

MAKE Honda
MODEL HA-420
S/N: 42000163
REG NO N103JT
WORK ORDER
FAM0991-12-2021

flyADVANCED JET

flyADVANCED Maintenance, LLC.

Repair Station No. 5VWR338D
131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone: 302-324-9970

DATE 12/8/2021
A/C TSN 2498 5
Landings 1713

Airframe Entries

ECS FAILED - COMPLIED WITH BAS/VCS CONTROLLER REMOVAL AND INSTALLATION AS REQUIRED. P/N OFF 1300640-10, P/N ON 1300640-11, S/N OFF 00317, S/N ON 00132. REF TO FAA FOR 8130-3 WITH FORM TRACKING NUMBER WW211682, STATUS "MODIFIED", APPROVAL/CERT NUM. BD2R712K DATED 09/DEC/2021 BY SAFRAN VENTILATION SYSTEMS. PERFORMED OPS CHECK SATISFACTORY AT THIS TIME.

RH ENGINE CHIP DETECTOR CAS MESSAGE. REMOVED RH ENGINE CHIP DETECTOR IAW GHAE HF120 LMM TASK 79-00-00-440-805. NO SIGNIFICANT METAL NOTED. MAGNETIC TIP OF INDICATOR FOUND BENT UPON REMOVAL. REQUIRES REPLACEMENT.

REMOVED CHIP DETECTOR FROM RH ENGINE FROM AIRCRAFT N229JT, P/N: 35191-Q0A-A000, S/N UNT3L553, SN 42000203 FOR USE ON N103JT. INSTALLED CHIP DETECTOR ON A/C N103JT S/N 42000163 R/H ENGINE. ALL WORK PERFORMED IN REF TO GHAE HF120 LMM TASK 79-00-00-440-805. LEAK CHECK PERFORMED SATISFACTORY AT THIS TIME. NO CAS MESSAGES PRESENT AFTER ENGINE RUN.

I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed.

DATE: 12/8/2021

SIGNED:

Tom Early

Certified Repair Station No. 5VWR338D

Work Order: FAM0991-12-2021

Printed by EBis 3 (datcomedia.com)

NAME Honda
MODEL HA-420
S/N 42000163
REG NO N103JT
WORK ORDER
FAM0988-12-2021

flyADVANCED JET

flyADVANCED Maintenance, LLC.

Repair Station No 5VWR338D
131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone 302-324-9970

DATE 12/3/2021
A/C TSN 24823
Landings 1703

Airframe Entries

COMPLIED WITH 150 HOUR INSPECTION ITEMS IN REF TO HONDA HA-420 ALIM HJ1-29000-013-001, REV E1, DATED 01-SEP-2021.

COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE LEFT MAIN LANDING GEAR. REFER TO SCHEDULED SERVICING SECTION. REF. HONDA HA-420 AMM 12-21-12-600-802

COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE NOSE LANDING GEAR. REFER TO SCHEDULED SERVICING SECTION. REF. HONDA HA-420 AMM 12-21-12-600-801

COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE RIGHT MAIN LANDING GEAR. REFER TO SCHEDULED SERVICING SECTION. REF. HONDA HA-420 AMM 12-21-12-600-802

COMPLIED WITH CAMP CODE 23U230010 - BOSE HEADSET BATTERY REPLACEMENT. REF. HONDA HA-420 AMM 20-00-00.

COMPLIED WITH CAMP CODE 26HA2600104 - FIRE DETECTOR AND FIRE SUPPRESSION BOTTLE INDICATIONS - FUNCTIONAL TEST. REF. HONDA HA-420 AMM 26-00-01-700-801.

COMPLIED WITH CAMP CODE 32CU329001 - MLG UPLOCK SWITCH RETAINER INSPECTION. NO DEFECTS NOTED AT THIS TIME. REF. HONDA HA-420 WDM 91-70-00.

COMPLIED WITH CAMP CODE 25CA2521500B - INSPECT FIRST AID KIT. REF. HONDA HA-420 ALIM 05-00-00-200-801.

COMPLIED WITH CAMP CODE 26CU260001 - AFT HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION. REF. HONDA HA-420 ALIM 05-00-00-200-801.

COMPLIED WITH CAMP CODE 26CU260001 - HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION OF HANDHELD FIRE EXTINGUISHER. REF. HONDA HA-420 ALIM 05-00-00-200-801.

COMPLIED WITH CAMP CODE 70-31-00-970-801 - NO. 1 ENGINE - PERFORMANCE CHECK - MONITOR AND RECORD SPECIFIED ENGINE DATA. REF. HONDA HA-420 AMM 31-00-01-910-801.

COMPLIED WITH CAMP CODE 70-31-00-970-801 - NO. 2 ENGINE - PERFORMANCE CHECK - MONITOR AND RECORD SPECIFIED ENGINE DATA. REF. HONDA HA-420 AMM 31-00-01-910-801.

TROUBLESHOOT ECS SYSTEM, CLEAR MEL. DOWNLOADED BAS/VCS AND FORWARDED TO HONDAJET TECH SUPPORT. SERVICED VAPOR CYCLE SYSTEMS NEEDED IN REF. TO HA-420 AMM 12-11-17. REMOVED AND REPLACED DISCHARGE PRESSURE SENSOR WITH "NEW" SWITCH P/N:1150380-2 S/N: 00356 REMOVED S/N: 00386 INSTALLED IN REF. TO HA-420 AMM 21-50-01. OPS CHECKS SATISFACTORY AT THIS TIME. THIS ACTION CLEARS MEL# 21-21-03.

COMPLY WITH DATABASE UPDATES-
UPDATED THE FOLLOWING DATA BASES:

NAV, EXP: 30/DEC/2021

AIRPORT DIRECTORY, EXP: 27/JAN/2022

OBSTACLES, EXP: 27/JAN/2022

SAFE TAXI, EXP: 27/JAN/2022

ENRCHARTS, EXP: 16/DEC/2021

I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC. dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(3): FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed.

DATE: 12/3/2021

SIGNED:

Anthony O'Donnell
Certified Repair Station No 5VWR338D

Work Order: FAM0988-12-2021

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HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP302073

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	2125	54	1462

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence Action Taken

Parts	Qty	PN	Description	CD	Serial
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32001			Verified landing gear fail CAS message when gear lever selected up. Landing gear did not retract and inboard gear doors remained closed. Troubleshoot and found that the emergency gear extension free fall sector was partially engaged and needed to be reset. Reset emergency gear extension free fall sector and performed satisfactory operational test of the landing gear system. No landing gear fail CAS message or other defects noted. Work performed in accordance with HA-420 AMM 32-00-01 and 32-00-02.		
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I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411(a)(1), and was found to be in an airworthy condition and is returned to service for work performed.

Date: 07 / 24 / 2021

Signature: Rodney Rattiff

For FAA CRS 3HDR835B/EASA 145.6748

MAKE: Honda
MODEL: HA-420
S/N: 42000183
REG NO: N103JT
WORK ORDER:
FAM0745-04-2021

ADVANCED JET flyADVANCED Maintenance, LLC.

Repair Station No. 5VWR338D
131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone: 302-324-6970

DATE: 7/8/2021
A/C TSN: 2065 7
Landings 1415

Airframe Entries

COMPLIED WITH 300 HOUR INSPECTION ITEMS IN REF TO HA420 AMM 05-20-00.

COMPLIED WITH CAMP CODE 27HA2711102 - AILERON TRIM TAB BACKLASH - DETAILED INSPECTION IN REF TO HA420 AMM 27-10-01-200-801. NO DEFECTS NOTED. RESULTS SENT TO HJTECHSUPPORT@HACI.HONDA.COM.

COMPLIED WITH CAMP CODE 27HA2721102 - RUDDER TRIM TAB BACKLASH - DETAILED INSPECTION IN REF TO HA420 AMM 27-20-01-200-801. NO DEFECTS NOTED. RESULTS SENT TO HJTECHSUPPORT@HACI.HONDA.COM.

COMPLY WITH CAMP CODE 27HA2731102 - ELEVATOR TRIM TAB BACKLASH - DETAILED INSPECTION IN REF TO HA420 AMM 27-30-01-200-801. NO DEFECTS NOTED. RESULTS SENT TO HJTECHSUPPORT@HACI.HONDA.COM.

COMPLIED WITH 150 HOUR INSPECTION ITEMS IN REF TO HA420 AMM 05-20-00.

COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE LEFT MAIN LANDING GEAR - ALL WORK DONE IN REFERENCE WITH HONDA AIRCRAFT COMPANY MODEL HA-420 AMM 12-21-12.

COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE RIGHT MAIN LANDING GEAR - ALL WORK DONE IN REFERENCE WITH HONDA AIRCRAFT COMPANY MODEL HA-420 AMM 12-21-12.

COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE NOSE LANDING GEAR - ALL WORK DONE IN REFERENCE WITH HONDA AIRCRAFT COMPANY MODEL HA-420 AMM 12-21-12.

COMPLIED WITH CAMP CODE 28HA2800104 - FIRE DETECTOR AND FIRE SUPPRESSION BOTTLE INDICATIONS - FUNCTIONAL TEST IN REF TO HA420 AMM 28-00-01-700-802. NO FAULTS FOUND.

COMPLIED WITH CAMP CODE 70-31-00-970-801 - NO. 1 ENGINE - PERFORMANCE CHECK - MONITOR AND RECORD SPECIFIED ENGINE DATA IN REF TO HA420 AMM 31-00-01-910-801 AND UPLOADED TO HONDAJET AIRCRAFT REPORTING PORTAL.

COMPLIED WITH CAMP CODE 70-31-00-970-801 - NO. 2 ENGINE - PERFORMANCE CHECK - MONITOR AND RECORD SPECIFIED ENGINE DATA IN REF TO HA420 AMM 31-00-01-910-801 AND UPLOADED TO HONDAJET AIRCRAFT REPORTING PORTAL.

COMPLIED WITH CAMP CODE 26CU260001 - AFT HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION, NO DEFECTS NOTED.

COMPLIED WITH CAMP CODE 26CU260001 - HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION OF HANDHELD FIRE EXTINGUISHER, NO DEFECTS NOTED.

COMPLIED WITH 36 MONTH REWEIGH IN REF TO HA420 AMM 08-11-10-910-801. UPDATED AFM AS REQUIRED.

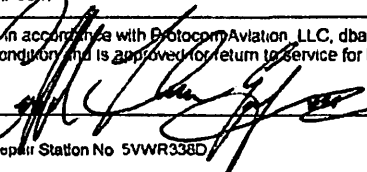
REPAIR COCKPIT SIDE WINDOW SEALANT - SCRAPED, CLEANED, AND RE-SEALED PILOT AND COPILOT COCKPIT SIDE WINDOW SEALANT WHERE REQUIRED IN REF TO HA420 REPAIR MEMO RM-420-56-06A. NO FURTHER ACTION REQUIRED AT THIS TIME.

INSTALL RADOME BOOT - INSTALLED RADOME BOOT TO NOSE CONE DONE BY OUTSIDE VENDOR, BJL PAINT. REF. INVOICE # 881.

APPLY TOUCH UP PAINT TO WINGLETS - TOUCHED UP LH & RH WINGLET PAINT AS REQUIRED IN REF TO HA420 AMM 20-13-10-201. WORK DONE BY OUTSIDE VENDOR, BJL PAINT. REF. INVOICE # 881.

I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed

DATE: 7/8/2021

SIGNED: 

Tom Early
Certified Repair Station No. 5VWR338D

Work Order: FAM0745-04-2021

Printed by EBIS 3 (datamedia.com)

MAKE Honda
MODEL HA-420
S/N 42000163
REG NO N103JT
WORK ORDER:
FAM0804-06-2021

ADVANCED JET flyADVANCED Maintenance, LLC.

Repair Station No. 5VWR338D
131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone 302-324-9970

DATE 6/18/2021
A/C TSN 1998
Landings 1371

Airframe Entries

COMPLY WITH 150 HOUR INSPECTION ITEMS IN REF TO HONDA HA-420 ALIM HJ1-29000-013-001, REV. E, DATED 30-JUN-2020.

COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE LEFT MAIN LANDING GEAR. REFER TO SCHEDULED SERVICING SECTION. REF. HONDA HA-420 AMM 12-21-12-600-802.

COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE RIGHT MAIN LANDING GEAR. REFER TO SCHEDULED SERVICING SECTION. REF. HONDA HA-420 AMM 12-21-12-600-802

COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE NOSE LANDING GEAR. REFER TO SCHEDULED SERVICING SECTION. REF. HONDA HA-420 AMM 12-21-12-600-801.

COMPLIED WITH CAMP CODE 26HA2600104 - FIRE DETECTOR AND FIRE SUPPRESSION BOTTLE INDICATIONS - FUNCTIONAL TEST IN REF TO HA 420 AMM 26-00-01-700-802, NO DEFECTS NOTED.

COMPLIED WITH CAMP CODE 70-31-00-970-801 - NO. 1 ENGINE - PERFORMANCE CHECK - MONITOR AND RECORD SPECIFIED ENGINE DATA IN REF TO HA420 AMM 31-00-01-910-801. NO FURTHER ACTION REQUIRED AT THIS TIME.

COMPLIED WITH CAMP CODE 70-31-00-970-801 - NO. 2 ENGINE - PERFORMANCE CHECK - MONITOR AND RECORD SPECIFIED ENGINE DATA IN REF TO HA420 AMM 31-00-01-910-801. NO FURTHER ACTION REQUIRED AT THIS TIME.

COMPLIED WITH CAMP CODE 26CU260001 - HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION OF HANDHELD FIRE EXTINGUISHER. REF. HONDA HA-420 AMM 05-00-00-200-801

COMPLY WITH CAMP CODE 26CU260001 - AFT HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION. REF. HONDA HA-420 AMM 05-00-00-200-801

LEFT HAND CABINET DRAWER WONT STAY CLOSED - ADJUSTED DRAWER LATCH AS NEEDED OPS CHECK GOOD, ALL WORK DONE IN REFERENCE WITH HONDA AIRCRAFT COMPANY MODEL HA-420 AMM 25-21-26.

I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91 409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed

DATE: 6/18/2021

SIGNED:

Tom Ealty
Certified Repair Station No. 5VWR338D

Work Order: FAM0804-06-2021

Printed by EBis 3 (dalcomedia.com)

MAKE: Honda
MODEL: HA-420
S/N: 42000163
REF: NO: N103JT
WORK ORDER:
FAM0800-06-2021

flyADVANCED JET

flyADVANCED Maintenance, LLC.

Repair Station No. 5VWR338D
131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone: 302-324-9970

DATE: 6/17/2021
A/C TSN: 1998
Landings: 1371

Airframe Entries

#1 COMM INTERMITTANT- PERFORMED RECEIVER SENSITIVITY TEST AND FOUND THAT BOTH RECEIVERS TESTED GOOD. CR AND PERFORMED A POWER OUTPUT AND A REFLECTED POWER TEST. FOUND THE POWER OUTPUT TO BE 16-19 WATTS OUTPUT ACROSS THE FREQ BAND BUT THE REFLECTED POWER WAS HIGH. 4-5 WATTS. REMOVED #1 ANTENNA P/N CI 1085-20-L, S/N 634595. ORDERED REPLACEMENT.

PER HONDA JET ALL STATIC WICKS WERE TESTED AND FOUND TO BE IN SPEC PER HA420 AMM 23-60-00. ALL WERE IN THE RANGE FROM 27.7- 58.2 M OHMS. REMOVED AND REPLACED ANTENNA IAW HA420 AMM 23-11-10. LEAK CHECK GOOD. PN OFF/ON - CI 1085-20-L, SN OFF - 634595. SN ON - 645383.

AFTER INSTALLATION OF THE NEW ANTENNA SWR CHECK WAS PERFORMED AND FOUND THE REFLECTED POWER TO BE 1 WATT ACROSS THE BAND. RECEIVER SENSITIVITY WAS RECHECKED AND ALL TESTS PERFORMED SATISFACTORY.

SERVICED TIRES IN REF WITH HONDA AIRCRAFT COMPANY MODEL HA-420 AMM 12-11-14. SERVICED OXYGEN IN REF. TO HA-420 AMM 12-11-13. SERVICED BOTH L/H AND R/H ENGINES PER HF120 LMM 79-00-00. HYDRAULIC SYSTEM LEVEL GOOD AT THIS TIME PER AMM 12-11-12.

COMPLY WITH NAV DATABASE UPDATES-
UPDATED THE FOLLOWING DATABASES:

NAV, EXP: 15/JUL/2021
ART DIR, EXP: 12/AUG/2021
SAFE TAXI, EXP: 12/AUG/2021
OBSTACLES, EXP: 12/AUG/2021
E-CHARTS, EXP: 2/JUL/2021

I certify that this aircraft as serviced and/or inspected in accordance with Protom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, FAR 91.409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed.

DATE: 6/17/2021

SIGNED:

Tom Early
Certified Repair Station No. 5VWR338D

Work Order: FAM0800-06-2021

Printed by EBis 3 (datcomedia.com)



Maintenance and Inspection Entries

HA-420

Registration No. _____ S/N _____

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 1946.8 Lndgs: 1341 Aircraft Maintenance Record Reg. No.: N103JT Date: June 3, 2021 W/O No.: 47160 Page: 1 Hobbs:	
			Description of Work Accomplished. ➤ Updated GoGo Avance L3 Software to version 4.2.1 IAW GoGo Business Aviation AVANCE L3 Installation Manual, Document No. 24733, Rev. G, dated 12/17/2020. Performed satisfactory operational test on ground with no discrepancies noted. Approval for Return to Service I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Maintenance Manual, FAR 91.409(f)(3) and FAR 135.411(a)(1), and was found to be in airworthy condition and is approved for return to service for the work performed.	
			Authorized Signature: HONDA JET SOUTHEAST Daniel S. Marinelli, Inspector FAA Certificated Repair Station WD4R618M 5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	



DES MOINES

INTERNATIONAL AIRPORT
PO BOX 35126 – DES MOINES, IOWA 50315-0302 TELEPHONE (515) 256-5300
– FAX (515) 256-5537
dmfs.com

Date
06/01/2021

AIRCRAFT
N103JT

MODEL
HA-420

SERIAL
42000163

TIME
1943.8

CYCLES
1340

1. Removed VHF-TXPDR/DME Antenna P/N: CI 1085-20L S/N: 592332 and Installed New VHF-TXPDR/DME Antenna P/N: CI 1085-20L S/N: 634595 IAW Honda HA-420 AMM 23-11-10-00-801 Ops Check Good and Complied with leak check IAW Honda HA-420 Repair Memo HA-420-0_8000513 No Defects Noted

I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed

Pertinent details of the repair are on file at this agency under Work Order No 21442 & 21443.

Date Signed 06/01/2021:



Jamie Losee

Des Moines Flying Service, Inc., FAA CRS G9CR485J



INTERNATIONAL AIRPORT
PO BOX 35126 – DES MOINES, IOWA 50315-0302 TELEPHONE (515) 256-5300
– FAX (515) 256-5537
dmfs.com

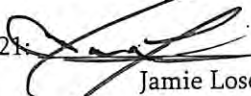
Date	AIRCRAFT	MODEL	SERIAL	TIME	CYCLES
05/31/2021	N103JT	HA-420	42000163	1943.1	1339

1. Swapped # 1 GIA P/N: 011-03711-40 S/N: 4SM005167 with # 2 GIA P/N: 011-03711-40 S/N: 4SM005168 IAW Honda AMM 34-00-00 Reloaded Software and Configurations IAW Honda AMM 31-61-00-910-801. Ops Check Good.
2. Removed Co-Pilot PTT switch cover and found broken solder joints on PTT circuit board. Re-soldered PTT switch and reinstalled switch cover. Performed comm check with co-pilot PTT switch in accordance with Hondajet AMM 34-00-02-700-801, no discrepancies noted.

I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed

Pertinent details of the repair are on file at this agency under Work Order №21441.

Date Signed 05/31/2021:


Jamie Losee



Des Moines Flying Service, Inc., FAA CRS G9CR485J

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301996

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	1936	48	1334

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

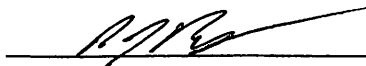
Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial

23001 Performed satisfactory operational check of the Com 1 VHF communication system in reference to HA-420 AMM 23-10-01.

23002 Performed satisfactory operational test of the cockpit microphones and speakers IAW HA-420 AMM 23-10-01. No defects noted on RH glare shield PTT switch. Inspected switch connection with no defects noted.

I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411(a)(1), and was found to be in an airworthy condition and is returned to service for work performed.

Date: 5 / 29 / 2021

Signature: 

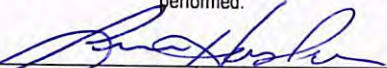
For FAA CRS 3HDR835B/EASA.145.6748



Maintenance and Inspection Entries

HA-420

Registration No. _____ S/N _____

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 1914.9 Lndgs: 1320  Aircraft Maintenance Record Reg. No.: N103JT Date: 5/23/2021 W/O No.: 47093 Page: 1 Hobbs:	
			Description of Work Accomplished. ➤ Troubleshoot nose wheel steering fault. Performed CMC download and attempted to download steering controller. Software determined system not recognizing ground mode. Further troubleshooting determined intermittent connection in nose landing gear harness P/N HJ1-13221-012-007. Removed faulty harness and installed new harness P/N HJ1-13221-012-007. Performed system operational and taxi tests with no defects noted. Work performed IAW HA-420 AMM 32-61-12-401.	
			Approval for Return to Service I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Maintenance Manual, FAR 91.409(f)(3) and FAR 135.411(a)(1), and was found to be in airworthy condition and is approved for return to service for the work performed. Authorized Signature:  Lou Homsher, Inspector	
			HONDA JET SOUTHEAST FAA Certificated Repair Station WD4R618M 5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT
WP#: WP301912
Page: 1 of 1
Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	1731	36	1205

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial
32001	Removed LH main wheel and tire assembly, P/N HJ1-13240-010-001(90006365), S/N AUG19-0513/0184B064 (TSN 440.4 and CSN 271) and installed repaired LH main wheel and tire assembly, P/N HJ1-13240-010-001(90006365), S/N JUN15-0161/0296B030 (CRS# EWGR752D; W/O 64737; dated 03-17-2021) per HA-420 AMM 32-41-11. Wheel assembly, on S/N JUN15-0161, TSN 776.4 and CSN 621 at installation.			
	1	HJ1-13240-010-001	TIRE AND WHEEL ASSY, MLG	RE JUN15-0161
32002	Removed the RH main wheel and tire assembly, P/N HJ1-13240-010-001(90006365), S/N AUG19-0503/0186B062 (TSN 440.4 and CSN 271) and installed repaired RH main wheel and tire assembly, P/N HJ1-13240-010-001(90006365), S/N DEC18-0451/0297B15 (CRS# EWGR752D; W/O 64737; dated 03-17-2021) per HA-420 AMM 32-41-11. Wheel assembly, on S/N DEC18-0451, TSN 281.8 and CSN 163 at installation.			
	1	HJ1-13240-010-001	TIRE AND WHEEL ASSY, MLG	RE DEC18-0451
32003	Removed RH brake, P/N 90006366, S/N MAR15-0098 and installed overhauled RH brake, P/N 90006366, S/N DEC19-0488. Work performed per HA-420 AMM 32-41-18 (CRS 8DRR699C; W/O 8500002285; dated 01-18-2021). Performed a satisfactory bleeding of the RH brake assembly per HA-420 AMM 29-00-01.			
	1	90006366	BRAKE ASSY - MAIN LANDING GEAR	OH DEC19-0488
32004	Removed LH brake, P/N 90006366, S/N MAR18-0330 and installed overhauled LH brake, P/N 90006366, S/N AUG17-0297. Work performed per HA-420 AMM 32-41-18 (CRS 8DRR699C; W/O 8500002278; dated 01-21-2021). Performed a satisfactory bleeding of the LH brake assembly per HA-420 AMM 29-00-01.			
	1	90006366	BRAKE ASSY - MAIN LANDING GEAR	OH AUG17-0297

I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411(a)(1), and was found to be in an airworthy condition and is returned to service for work performed.

Date:

3 / 18 / 2021

Signature:

For FAA CRS 3HDR835B/EASA.145.6748



Maintenance and Inspection Entries
HA-420
Registration No. N103JT S/N 42000163

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 1549.5 Lndgs: 1091  Aircraft Maintenance Record Reg. No.: N103JT Date: February 5, 2021 W/O No.: 46536 Page: 1 Hobbs:	
			Description of Work Accomplished. ➤ Placed aircraft on jacks. Removed left main wheel assembly P/N 90006394 S/N SEP15-0199, right main wheel assembly P/N 90006394 S/N JUN15-0167 and nose wheel assembly P/N 90006391 S/N JULY17-0173 from aircraft. Installed wheel assembly P/N 90006394 S/N AUG19-0513 with new tire P/N M19401 S/N 0184B064, Repaired by Signature TechnicAir CRS# EWGR752D under w/o 64554 1.2 TSN: 258.3 CSN: 157 in left position, installed wheel assembly P/N 90006394 S/N AUG19-0503 with new tire P/N M19401 S/N 0186B062, Repaired by Signature TechnicAir CRS# EWGR752D under w/o 64554 1.1 TSN: 258.3 CSN: 157 in right position, and installed nose wheel assembly P/N 90006367 S/N APR16-0129 with new tire P/N M19301 S/N 9158C043, Repaired by Banyan Air Service CRS# WD4R618M under w/o 46198. Removed aircraft from jacks. Work performed IAW HA-420 MM 32-41-11-401, 32-41-10-401. (32CA3241011, 32CA3241041, 32CA3241012, 32CA3241042, 32CA3241023, 32CA3241043).	
			Approval for Return to Service I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Maintenance Manual, FAR 91.409(f)(3) and FAR 135.411(a)(1), and was found to be in airworthy condition and is approved for return to service for the work performed. Authorized Signature:  HONDA JET SOUTHEAST Lou Homsher, Inspector FAA Certificated Repair Station WD4R618M 5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

Make: Honda Aircraft Company LLC	Reg. No.: N103JT
Model: HA-420	Date: January 23, 2021
Serial No.: 42000163	W/O No.: 46454
Hours: 1484.8 Lndgs: 1042	Page: 1 Hobbs:



Aircraft Maintenance Record

Description of Work Accomplished.	
➤ Gained access to pitch trim fuses in empennage of aircraft. Replaced main and standby pitch trim fuses P/N FM02 LFMX. Performed pitch trim operational checks, no discrepancies noted. Secured access panels as required. Work performed IAW HA-420 AMM 27-00-00.	
Approval for Return to Service	
I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Maintenance Manual, FAR 91.409(f)(3) and FAR 135.411(a)(1), and was found to be in airworthy condition and is approved for return to service for the work performed.	
Authorized Signature: 	Robert Tuttle, Chief Inspector
HONDA JET SOUTHEAST	FAA Certificated Repair Station WD4R618M
5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

MAKE: Honda
MODEL: HA-420
S/N: 42000163
REG. NO: N103JT
WORK ORDER:
FAM0621-01-2021

ADVANCED JET

flyADVANCED Maintenance, LLC.

Repair Station No. 5VWR338D
131 North DuPont Highway
C/O Finance Department
New Castle, DE 19720 USA
Phone: 302-324-9970

DATE: 1/20/2021
A/C TSN: 1471.8
Landings: 1036

Airframe Entries

COMPLIED WITH 150 HOUR INSPECTION ITEMS IN REF TO HONDA HA-420 ALIM HJ1-29000-013-001, REV. E, DATED 30-JUN-2020.
COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE NOSE LANDING GEAR. REF. HA420 AMM 12-21-12-600-801.
COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE LEFT MAIN LANDING GEAR. REF. HA420 AMM 12-21-12-600-802.
COMPLIED WITH CAMP CODE 12HA1221102 - LUBRICATE RIGHT MAIN LANDING GEAR. REF. HA420 AMM 12-21-12-600-802.
COMPLIED WITH CAMP CODE 26HA2600104 - FIRE DETECTOR AND FIRE SUPPRESSION BOTTLE INDICATIONS - FUNCTIONAL TEST. REF. HONDA HA-420 AMM 26-00-01-700-802.
COMPLIED WITH 300 HOUR INSPECTION ITEMS IN REF TO HONDA HA-420 ALIM HJ1-29000-013-001, REV. E, DATED 30-JUN-2020.
COMPLIED WITH CAMP CODE 27HA2711102 - AILERON TRIM TAB BACKLASH - DETAILED INSPECTION IN REF TO AMM HA-420 27-10-01.
COMPLIED WITH CAMP CODE 27HA2721102 - RUDDER TRIM TAB BACKLASH - DETAILED INSPECTION IN REF TO AMM HA-420 27-20-01.
COMPLIED WITH CAMP CODE 27HA2731102 - ELEVATOR TRIM TAB BACKLASH - DETAILED INSPECTION IN REF. TO AMM HA-420 27-30-01

I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed.

DATE: 1/20/2021

SIGNED:

Tom Early
Certified Repair Station No. 5VWR338D

Work Order: FAM0621-01-2021

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HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301802

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	1337	12	953

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
Parts	Qty PN Description CD Serial

1001 Performed Preliminary Inspection per RSF-401.

27001 Inspected and found L/H Elevator trim actuator does not move when commanded. Removed aft baggage ceiling panel to access elevator relays and fuses. Found open fuse at fuse holder 4-2731-FH001. Replaced fuses at 4-2731-FH001 and 4-2731-FH002 with new P/N: 0274002.V. Performed a satisfactory operational test of the elevator trim system and standby pitch trim system reference HA-420 AMM task 27-00-01-700-801 sections 1.D (6)&(7). No defects noted. Re-installed aft baggage liners reference HA-420 AMM 25-52-10.

2 0274002.V

FUSE - MICRO

NE

I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411(a)(1), and was found to be in an airworthy condition and is returned to service for work performed.

Date: 12 / 23 / 2020

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748



Maintenance and Inspection Entries
HA-420
Registration No. _____ S/N _____

DA



Airframe Logbook

09-Dec-20

N103JT - HONDAJET HA-420 ELITE, S/N 42000163

Airframe Hours: 1274.3

Airframe Cyc/Lndgs:

913

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

TASK NUMBER		DESCRIPTION
1	26CU260001	AFT HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION
2	26CU260001	HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION OF HANDHELD FIRE EXTINGUISHER

I CERTIFY THAT THIS AIRCRAFT AS SERVICED AND/OR INSPECTED IN ACCORDANCE WITH PROTOCOM AVIATION, LLC, DBA JET IT FLIGHT OPERATIONS GENERAL OPERATIONS MANUAL, 91.409 (F)(3), FAR 135.411 (A)(1), AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED

Work Inspected By:

VONRONSTEAD WRIGHT JR

Certificate #:

A&P - 3743568

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301757

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	686	6	481

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial

52001 Installed a new replacement pin kit P/N TL18409-201 in the FWD baggage door upper FWD latch per ALCOA fastening System DWG# TL18361 Rev. E and Honda Aircraft Company SL-420-52-002. Performed a satisfactory functional test of the forward baggage door in accordance with HA-420 AMM 52-30-02.

I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411(a)(1), and was found to be in an airworthy condition and is returned to service for work performed.

Date: 11 / 16 / 2020

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748



DES MOINES
FLYING SERVICE

INTERNATIONAL AIRPORT
PO BOX 35126 – DES MOINES, IOWA 50315-0302 TELEPHONE (515) 256-5300
– FAX (515) 256-5537

dmfs.com

Date	AIRCRAFT	MODEL	SERIAL	TIME	CYCLES
11-10-2020	N103JT	HF-120 (L/H)	883445	1173.8	824

1. Complied with 600 Hour Inspection on No. 1 engine S/N: 883445 I/A/W GHAE HF120 LMM 05-31-00 & 05-21-00.
 2. Performed No. 1 Engine detailed inspection of the inner surface of the fan case IAW HF-120 LMM 72-00-00-200-804.
 3. Performed No. 1 Engine detailed inspection of the mechanical fuel shutoff system IAW HF-120 LMM 73-00-00.
 4. Performed No. 1 Engine starter generator brush inspection IAW Ametek Industries CMM 24-30-12. No defects noted.
 5. Performed No. 1 Engine detailed inspection of the core inner duct IAW HF-120 LMM 72-00-00. No defects noted.
 6. Performed No. 1 Engine detailed inspection of the exposed engine IAW HF-120 LMM 72-00-00.
 7. Performed No. 1 Engine boroscope inspection IAW HF-120 LMM 72-00-00. No defects noted.
 8. Removed No. 1 Engine 4 o'clock igniter plug P/N: 31111-Q0A-0000 S/N: UNLJD223 and 8 o'clock igniter plug P/N: 31111-Q0A-0000 S/N: UNLHN274. Installed new No. 1 Engine 4 o'clock igniter plug P/N: 31111-Q0A-0000 S/N: UNLBV527 and 8 o'clock igniter plug P/N: 31111-Q0A-0000 S/N: UNLBV533 IAW HF-120 LMM 74-00-00.
 9. Drained No. 1 engine oil, serviced with 5 quarts Mobil Jet II IAW GHAE HF120 LMM 79-00-00.
 10. Removed and replaced No. 1 engine oil filter P/N: ACC644F83 IAW GHAE HF120 LMM 79-00-00.
 11. Removed and replaced No. 1 engine fuel filter P/N: 77879475 IAW GHAE HF120 LMM 73-00-00.
 12. Performed detailed inspection of the No. 1 engine chip detector IAW GHAE LMM 79-00-00, no defects noted.
 13. Performed No. 1 Engine vibration detection system test IAW GHAE LMM 77-00-00, no faults noted at this time.
 14. Performed No. 1 engine leak test IAW GHAE HF120 LMM 72-00-00, no leaks noted at this time.
 15. Complied with No. 1 engine performance download IAW HA-420 AMM 31-00-01.
 16. Found no CAS with fault codes of No Dispatch, Short Time Dispatch or Long Time Dispatch.
 17. Removed LH starter generator P/N: MG94J-1 S/N: 0357 for 1200-hour overhaul listed in HA-420 ALIM 05-10-00 Table 601 Rev. E Inspection Code 24CA2430121. Installed overhauled LH starter generator P/N: MG94J-1 S/N: 0280 IAW HA-420 AMM 24-31-13.
- TSO: 0. Overhaul due at 2,373 hours.

Reference Des Moines Flying Service, Inc. Work Orders: 20868, 20869 & 20872

I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed.

Date Signed 11/10/2020:

Nic Alexander



Nic Alexander

Des Moines Flying Service, Inc., FAA CRS G9CR485J



DES MOINES

INTERNATIONAL AIRPORT

PO BOX 35126 - DES MOINES, IOWA 50315-0302 TELEPHONE (515) 256-5300

- FAX (515) 256-5537

dmfs.com

Date	AIRCRAFT	MODEL	SERIAL	TIME	CYCLES
11-10-2020	N103JT	HF-120 (R/H)	883442	1173.8	824

1. Complied with 600 Hour Inspection on No. 2 engine S/N: 883442 I/A/W GHAE HF120 LMM 05-31-00 & 05-21-00.
2. Performed No. 2 Engine detailed inspection of the inner surface of the fan case IAW HF-120 LMM 72-00-00-200-804.
3. Performed No. 2 Engine detailed inspection of the mechanical fuel shutoff system IAW HF-120 LMM 73-00-00.
4. Performed No. 2 Engine starter generator brush inspection IAW Ametek Industries CMM 24-30-12. No defects noted.
5. Performed No. 2 Engine detailed inspection of the core inner duct IAW HF-120 LMM 72-00-00. No defects noted.
6. Performed No. 2 Engine detailed inspection of the exposed engine IAW HF-120 LMM 72-00-00.
7. Performed No. 2 Engine boroscope inspection IAW HF-120 LMM 72-00-00. No defects noted.
8. Removed No. 2 Engine 4 o'clock igniter plug P/N: 31111-Q0A-0000 S/N: UNLJD222 and 8 o'clock igniter plug P/N: 31111-Q0A-0000 S/N: UNLJD219. Installed new No. 1 Engine 4 o'clock igniter plug P/N: 31111-Q0A-0000 S/N: UNLBV537 and 8 o'clock igniter plug P/N: 31111-Q0A-0000 S/N: UNLBB840 IAW HF-120 LMM 74-00-00.
9. Drained No. 2 engine oil, serviced with 5 quarts Mobil Jet II IAW GHAE HF120 LMM 79-00-00.
10. Removed and replaced No. 2 engine oil filter P/N: ACC644F83 IAW GHAE HF120 LMM 79-00-00.
11. Removed and replaced No. 2 engine fuel filter P/N: 77879475 IAW GHAE HF120 LMM 73-00-00.
12. Performed detailed inspection of the No. 2 engine chip detector IAW GHAE LMM 79-00-00, no defects noted.
13. Performed No. 2 Engine vibration detection system test IAW GHAE LMM 77-00-00, no faults noted at this time.
14. Performed No. 2 engine leak test IAW GHAE HF120 LMM 72-00-00, no leaks noted at this time.
15. Complied with No. 1 engine performance download IAW HA-420 AMM 31-00-01.
16. Found no CAS with fault codes of No Dispatch, Short Time Dispatch or Long Time Dispatch.
17. Found .75 inch X .5 inch section of abradable liner missing from No. 2 engine at 7 o'clock position. Performed local reconditioning of the No. 2 engine abradable liner IAW HF-120 LMM 72-00-00, Repair 007.
18. Removed RH starter generator P/N: MG94J-1 S/N: 0356 for 1200 hour overhaul listed in HA-420 ALIM 05-10-00 Table 601 Rev. E Inspection Code 24CA2430121. Installed repaired RH starter generator P/N: MG94J-1 S/N: 0305 IAW HA-420 AMM 24-31-13. TSN: 585.82. Overhaul due in 614.18 hours/1787.98 aircraft hours (At 1200 accumulated hours).

Reference Des Moines Flying Service, Inc. Work Orders: 20868, 20869 & 20872

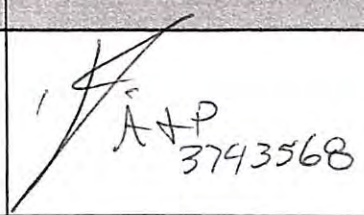
I certify that this aircraft as serviced and/or inspected in accordance with Protocom Aviation, LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411 (a)(1), and was found to be in an airworthy condition and is approved for return to service for the work performed.

Date Signed 11/10/2020: Nic Alexander
 Nic Alexander
 Des Moines Flying Service, Inc., FAA CRS G9CR485J





Maintenance and Inspection Entries
HA-420
Registration No. N103JT S/N 42600163

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
01/ OCT/ 20	1112.3	783	Effective 01/OCT/2020, this aircraft will be maintained I. A.W Manufacturers Recommended MX program under § 91.409 (F3)	 A+P 3743568

CAMP

Airframe Logbook

25-Sep-20

N103JT - HONDAJET HA-420 ELITE, S/N 42000163

Airframe Hours:

1090.1

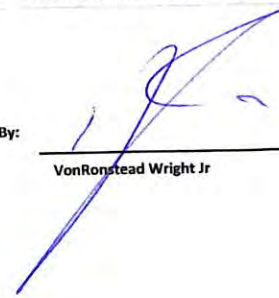
Airframe Cyc/Lndgs:

768

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1 26CU260001	AFT HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION
2 26CU260001	HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION OF HANDHELD FIRE EXTINGUISHER

Work Inspected By:


VonRondeau Wright Jr

Certificate #:

A+P3743568

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301688

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	1106	42	777

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial
32001	Removed LH MLG wheel and tire assembly, P/N: HJ1-13240-010-001, S/N: AUG16-0323/9344C059 and installed repaired LH MLG wheel and tire assembly P/N: HJ1-13240-010-001, S/N: OCT17-0406/9340C235 (TSN-404.3, CSN-279) in accordance with HA-420 AMM 32-41-11. Wheel assembly repaired on WO400985 by Cert # 3HDR835B dated 21 AUG 2020. Note: Customer reported 2nd tire change on wheel since new.			
	1	HJ1-13240-010-001	TIRE AND WHEEL ASSY, MLG	RE OCT17-0406/9340C235
32002	Removed RH MLG wheel and tire assembly, P/N: HJ1-13240-010-001, S/N: MAY16-0289/9165C294 and installed repaired RH MLG wheel and tire assembly P/N: HJ1-13240-010-001, S/N: OCT16-0326/9332C158 (TSN-406.3, CSN-282) in accordance with HA-420 AMM 32-41-11. Wheel assembly repaired on WO400984 by Cert # 3HDR835B dated 21 AUG 2020. Note: Customer reported 2nd tire change since new.			
	1	HJ1-13240-010-001	TIRE AND WHEEL ASSY, MLG	RE OCT16-0326/9332C158
32003	Jacked aircraft per HA-420 AMM 07-11-10, leveled aircraft per HA-420 08-21-10 and measured wheel camber angles per HA-420 SB-420-32-006 Rev C. Left MLG wheel camber angled measured 88.9 degrees, Right MLG wheel camber measured 89.0 degrees. Both wheel camber angles are within the acceptable limits per HA-420 SB-420-32-006 Rev C. Lowered aircraft per HA-420 AMM 7-11-10 and re-installed lower fairing panels per 57-51-10. No further action required at this time.			

I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411(a)(1), and was found to be in an airworthy condition and is returned to service for work performed.

Date:

9 / 29 / 2020

Signature:



For FAA CRS 3HDR835B/EASA.145.6748



Maintenance and Inspection Entries

HA-420

Registration No. _____ S/N _____

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 1097.8 Lndgs: 771 Aircraft Maintenance Record Reg. No.: N103JT Date: 9/27/2020 W/O No.: 45793 Page: 1 Hobbs:	
			Description of Work Accomplished. ➤ Removed and replaced LH and RH Pitch Trim Actuator Fuses P/N FM02A12125V2A (Qty 4) IAW Hondajet HA 420 Wiring Diagram Manual chapter 27-31-00. Performed Pitch Trim Operations test several times with no defects noted.	
			Approval for Return to Service I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Maintenance Manual, FAR 91.409(f)(3) and FAR 135.411(a)(1), and was found to be in airworthy condition and is approved for return to service for the work performed.	
			Authorized Signature: HONDA JET SOUTHEAST Lou Homsher, Inspector FAA Certificated Repair Station WD4R618M	
			5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301672

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	1057	6	749

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
----------	--------------

Parts	Qty	PN	Description	CD	Serial
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25001 Adjusted LH cabinet drawer to properly latch per HA-420 AMM 20-11-10.

32001 Removed R/H brake, P/N 90006366, S/N JUL14-0053 and installed overhauled R/H brake, P/N 90006366, S/N MAY17-0279. Work performed per HA-420 AMM 32-41-18. (Overhaul performed by CRS 8DRR699C, ref. FAA form 8130-3, under W/O 8500002014, dated 08/25/2020). Performed a satisfactory bleeding of the R/H brake assembly per HA-420 AMM 29-00-01.

1 90006366 BRAKE ASSY - MAIN LANDING GEAR OH MAY17-0279

32002 Removed L/H brake, P/N 90006366, S/N JUL16-0226 and installed overhauled L/H brake, P/N 90006366, S/N MAY17-0275. Work performed per HA-420 AMM 32-41-18. (Overhaul performed by CRS 8DRR699C, ref. FAA form 8130-3, under W/O 8500002013, dated 08/25/2020). Performed a satisfactory bleeding of the L/H brake assembly per HA-420 AMM 29-00-01.

1 90006366 BRAKE ASSY - MAIN LANDING GEAR OH MAY17-0275

I certify that this aircraft was serviced and/or inspected in accordance with Protocon Aviation LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411(a)(1), and was found to be in an airworthy condition and is returned to service for work performed.

Date:

9 / 18 / 2020

Signature:



For FAA CRS 3HDR835B/EASA.145.6748

Maintenance and Inspection Entries
HA-420
Registration No. _____ S/N _____

DATE	TOTAL TIME	BY / SIGNATURE																					
		<table border="0" style="width: 100%;"> <tr> <td>Make:</td><td>Honda Aircraft Co. LLC</td><td>Reg. No.:</td><td>N103JT</td></tr> <tr> <td>Model:</td><td>HA-4200</td><td>Date:</td><td>September 8, 2020</td></tr> <tr> <td>Serial No.:</td><td>42000163</td><td>W/O No.:</td><td>45701</td></tr> <tr> <td>Hours:</td><td>1016.2</td><td>Lndgs:</td><td>721</td></tr> </table>  MAINTENANCE ENTRY Page: 1 of 1 Hobbs: 1016.3						Make:	Honda Aircraft Co. LLC	Reg. No.:	N103JT	Model:	HA-4200	Date:	September 8, 2020	Serial No.:	42000163	W/O No.:	45701	Hours:	1016.2	Lndgs:	721
Make:	Honda Aircraft Co. LLC	Reg. No.:	N103JT																				
Model:	HA-4200	Date:	September 8, 2020																				
Serial No.:	42000163	W/O No.:	45701																				
Hours:	1016.2	Lndgs:	721																				
		Description of Work Accomplished.																					
		> Complied with 150 Hour NLG and MGL Lubrication. (12HA1221102). > Complied with 150 Hour Fire Detector and Fire Suppression Bottle Indication Functional Test. (26HA2600104). > Complied with Baggage Door Latches Lubrication. > Serviced Left and Right Engines with Mobil Jet II as required.																					
		Approval for Return to Service																					
		The article identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.																					
		Authorized Signature:  Robert Tuttle, Chief Inspector																					
		FAA Certified Repair Station WD4R618M 5360 NW 20 th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612																					



Airframe Logbook
N103JT - HONDAJET HA-420 ELITE, S/N 42000163
Airframe Hours: 970 Airframe Cyc/Lndgs: 691

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1 26CU260001	AFT HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION
2 26CU260001	HANDHELD FIRE EXTINGUISHER VISUAL INSPECTION OF HANDHELD FIRE EXTINGUISHER

Work Inspected By: 

Certificate #: A-P 3743568



Maintenance and Inspection Entries

HA-420

Registration No. _____ S/N _____

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 874.4 Lndgs: 632 BANYAN Aircraft Maintenance Record Reg. No.: N103JT Date: August 4, 2020 W/O No.: 45515 Page: 1 Hobbs:	
			Description of Work Accomplished. ➤ Complied with 150 Hour Left and Right Main Landing Gear and Nose Landing Gear Lubrications IAW Honda Jet HA-420 MM 12-21-12. (12HA1221102) ➤ Complied with 150 Hour Fire Detection Suppression Bottle Indications Functional Test IAW Honda Jet HA-420 MM 26-00-01. (26HA2600104) ➤ Complied with 300 Hour Aileron, Rudder, and Elevator Trim Tab Backlash Detailed Inspection. (27HA2711102, 27HA2721102, 27HA2731102) ➤ Place aircraft on jacks. Removed Nose Wheel Assembly P/N 90006369, S/N Jul17-0178. Disassembled, cleaned and performed visual inspection of wheel halves, replacing bearing cones with new P/N 13889 and bearing caps with new P/N 13836. NDT not required at this time. Cleaned, inspected and repacked wheel bearings as required. Assembled wheel assembly using new Tire P/N M19301, S/N 8340C213 and new O-ring P/N MS28775-260. Serviced tire with dry nitrogen, balanced and performed leak checks with no discrepancies noted. Installed Nose Wheel Assembly and removed from jacks. (32CA3241023, 32CA3241043) ➤ Removed, cleaned and applied new sealant to both Pilot and Copilot Side Window IAW Honda Jet HA-420 MM 51-21-10-201. ➤ Adjusted L/H Galley upper and middle drawer latches IAW Honda Jet HA-420 MM 25-21-26.	
			Approval for Return to Service The article(s) identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order. Authorized Signature: HONDA JET SOUTHEAST Daniel S. Marinelli, Inspector FAA Certificated Repair Station WD4R618M 5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

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Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	589	54	432

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
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Parts	Qty	PN	Description	CD	Serial
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3001 Complied with Honda Aircraft Company SB-420-32-006, Side Brace Actuator Adjustment. Performed a satisfactory leak, bleed and operational check of the main landing gear. Work completed in accordance with HA-420 AMM 29-00-01, 32-31-15, 32-31-15, and SB-420-32-006.

2	HJ1-13233-130-001	GLAND NUT ASSY - SIDE BRACE ACTUATOR	NE
2	HJ1-13233-133-101	JAM NUT, UP-STOP - SIDE BRACE ACTUATOR	NE
2	HJ1-13233-134-101	ADJUSTOR, UP-STOP - SIDE BRACE ACTUATOR	NE

3002 Complied with Honda Aircraft Company SB-420-32-008 Rev B, Wheel Speed Transducer Harness Routing.

3003 Complied with Honda Aircraft Company SB-420-52-003, NLG Door Gap Validation.

4001 Complied with terminating action for FAA AD 2020-04-14. Complied with paragraph (h) by incorporation of Honda Aircraft Company SB-420-32-008. Complied with paragraph (g) by verifying AFM P/N: HJ1-29001-003-001 Rev B1 and QRH P/N: HJ1-29001-007-001 Rev B is currently on board. Updated electronic checklist to P/N: HJ1-29001-035-001 Rev B as required by the AFM per SL-420-34-004 Rev C.

5001 Complied with 150 hour inspection items as identified in HA-420 ALIM 05-20-00, Table 602, Rev D as listed below:

12HA1221102 Lubricate landing gear

5002 Complied with 150 hour time limit items identified in HA-420 ALIM 05-60-00, Table 601 as listed below:

26HA2600104 Functional test of fire detector and fire suppression bottle indications

5004 Complied with 300 hour inspection items identified in HA-420 ALIM 05-60-00, Table 601, Rev D as listed below:

27HA2711102 Detailed inspection of aileron trim tab backlash
27HA2721102 Detailed inspection of rudder trim tab backlash
27HA2731102 Detailed inspection of elevator trim tab backlash

5005 Complied with 600 hour inspection items identified in HA-420 ALIM 05-10-00, Table 601, Rev D as listed below:

12CA1211121 Take a hydraulic fluid sample
24CA2430122 Visual inspection of RH and LH starter/generator brush
25CA2525731 Visual inspection of passenger seat restraints
29CA2911171 Replace hydraulic filters

1	CS1-JECAHYKT	JET CARE HYDRAULIC KIT	NE
1	ACA902F815	FILTER	NE
1	ACA902F815	FILTER	NE

5006 Complied with 600 hour inspection items identified in HA-420 ALIM 05-20-00, Table 601, Rev D, as listed below:

12HA1221101 Lubricate fuselage doors
12HA1211115 Service landing gear struts
21HA2130101 Perform cabin pressurization leak test
21HA0500102 Visual inspection of VCS components
21HA0500104 Visual inspection of the ECS and VCS drains
21HA2150101 Operational test of the vapor cycle system
21HA2150102 Leak test of the VCS system
21HA0500105 Visual inspection of the heat exchanger and VCS ducting
21HA0500106 Visual inspection of the primary and secondary outflow valves
22HA0500101 Visual inspection of the pilot and co-pilot yoke switches
22HA0500102 Visual inspection of the AFCS controller
22HA0500103 Visual inspection of the aileron, rudder, and elevator servos
22HA0500104 Visual inspection of the aileron, rudder, and elevator trim adaptors
22HA0500105 Operational test of the yaw servo
23HA0500101 Visual inspection of the cockpit communication system
23HA0500102 Visual inspection of the antenna, antenna mounts and cables
23HA0500103 Visual inspection of the ELT LRU installation
24HA0500101 Visual inspection of the cockpit side consoles and circuit breakers
24HA0500102 Visual inspection of the main battery installations

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24HA0500103 Visual inspection of the PDUs, PDU circuit breakers, and electrical components
24HA0500105 Visual inspection of the power inverter
24HA0500106 Visual inspection of the external power receptacle area
24HA0500107 Visual inspection of the electrical power system components
24HA0500108 Visual inspection of the electrical power system components
24HA0500109 Visual inspection of the electrical power system components
24HA0500110 Visual inspection of the electrical power system components
24HA0500111 Visual inspection of the wiring and connections for the FADEC
25HA0500101 Visual inspection of the attaching structure and surrounding areas of cabin seats, cabinets, partitions, floorboards
25HA0500102 Visual inspection of attaching structure, surrounding areas of the crew seats, floorboards
25HA0500103 Visual inspection of the flashlight, fire extinguisher, first aid kit
25HA0500104 Visual inspection of the crew and passenger seats
25HA0500105 Visual inspection of the crew and cabin overhead panels
25HA0500106 Visual inspection of the cabinet assemblies
25HA0500107 Visual inspection of the crew seat tracks and lugs
25HA0500108 Visual inspection of the lavatory vanity
25HA0500109 Visual inspection of the lavatory cabinets
25HA0500110 Visual inspection of the interior placards
25HA0500111 Visual inspection of the fuselage sub floor area electrical harnesses for chafing and conduit condition in wire tray
opened tipped areas and the fuselage moisture drain path
26HA2600101 Functional test of the fire detection and suppression system
26HA0500102 Visual inspection of the fire detector element for routing and connection
26HA0500103 Visual inspection of the engine nacelle electrical harness assemblies
26HA0500105 Visual inspection of the fire suppression bottle
27HA2710102 Measurement of the aileron control cable tensions and control surface travel
27HA2720101 Measurement of the rudder control cable tensions and control surface travel
27HA2730101 Measurement of the elevator control cable tensions and control surface travel
27HA2750102 Operational test of the flap system
27HA2760101 Operational test of the speed brakes
27HA0500101 Visual inspection of the wiring, and flight control cables
27HA0500102 Visual inspection of the control columns
27HA0500103 Visual inspection of the rudder pedals for general condition
27HA0500104 Visual inspection of the forward and aft rudder sectors
27HA0500105 Visual inspection of the rudder upper and lower torque tube
27HA0500106 Visual inspection of the rudder trim actuator
27HA0500107 Visual inspection of the horizontal stabilizer and attaching structure
27HA0500108 Visual inspection of the elevator, trim tab, actuator and wiring
27HA0500109 Visual inspection of the elevator bellcrank stops, bolts and bearings
27HA0500110 Visual inspection of elevator torque tubes bearings and actuating rods
27HA0500111 Visual inspection of flight control cables, pulleys, sectors, bearings, and pushrods
27HA0500112 Visual inspection of the aileron trim system
27HA0500113 Visual inspection of the flaps and flap actuators
27HA0500114 Visual inspection of the rear spar and attaching wire bundles and electrical connectors
27HA0500115 Visual inspection of the speed brake actuator and attaching hardware
27HA0500116 Visual inspection of the tail cone with the speed brake opened
28HA0500101 Visual inspection of the fuel drains and vent system
28HA0500102 Visual inspection of the fuel placards
28HA0500103 Visual inspection of the fuel lines in the pylon
28HA0500104 Visual inspection of the electric boost pump controller
28HA0500107 Visual inspection of the refuel tube, refuel housing, refuel port and bonding strap
28HA0500108 Visual inspection of the vent line from the refuel housing to the fuselage tank
28HA0500109 Visual inspection of the fuel lines in the pylon
29HA0500101 Visual inspection of the hydraulic module and reservoir
29HA0500102 Visual inspection of the accumulators and plumbing
29HA0500103 Visual inspection of the hydraulic pump
29HA0500105 Visual inspection of all hydraulic plumbing
29HA0500106 Visual inspection of the hydraulic module and reservoir area electrical harnesses and conduit
30HA3010105 Operational test of the wing ice protection system (Eff: 42000126+)
30HA3040103 Functional test of the windshield heat control system
30HA3020101 Operational test of the engine inlet ice protection system
30HA3080101 Operational test of the ice detector system
30HA3010102 Operational test of horizontal tail ice protection system
30HA0500101 Visual inspection of all ice and rain protection tubing, couplings, sensors, and clamps
30HA0500102 Visual inspection of the wing anti-ice system components
30HA0500103 Visual inspection of the horizontal tail ice protection system
31HA0500101 Visual inspection of the instrument panel, instruments, and pedestal equipment
32HA3250102 Functional test of the nosewheel steering system
32HA3240101 Functional test of the brake pressure
32HA0500101 Visual inspection of the nose steering system
32HA0500102 Visual inspection of the nose landing gear structure (trunnion)
32HA0500103 Visual inspection of the NLG shock absorber

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32HA0500104 Visual inspection of the NLG gear uplock assembly
32HA0500105 Visual inspection of the NLG Weight-on-Wheels switch
32HA0500106 Visual inspection of the NLG drag brace actuator and MLG side brace actuators
32HA0500107 Visual inspection of the master cylinders
32HA0500108 Visual inspection of the MLG weight-on-wheels switch
32HA0500109 Visual inspection of the MLG shock absorber
32HA0500110 Visual inspection of the MLG inboard door actuators
32HA0500112 Visual inspection of the MLG and NLG area electrical harnesses and conduits
33HA3300101 Operational test of the interior lights
33HA3300102 Operational test of the exterior lights
33HA0500101 Visual inspection of the cockpit overhead lights
33HA0500102 Visual inspection of the cabin overhead, entry, lavatory lights and lenses
33HA0500103 Visual inspection of the landing/taxi lights and lenses
33HA0500104 Visual inspection of the position lights, beacon and lenses
33HA0500105 Visual inspection of the logo and wing inspection lights
34HA3400101 Functional test of the RH and LH integrated avionics computer
34HA0500101 Visual inspection of the navigation system antennas
34HA0500102 Visual inspection of the navigation system equipment and racks
35HA3500106 Functional test of the crew and passenger oxygen
35HA3500107 Leak test of the crew and passenger oxygen system
35HA3500108 Functional test of the oxygen low pressure switch
35HA0500106 Visual inspection of the oxygen system in the nose to include the bottle, tubes, regulators and gauges
35HA0500102 Visual inspection of the crew smoke goggles
35HA0500103 Visual inspection of the crew oxygen masks and seals
35HA0500104 Visual inspection of the cabin oxygen masks and lanyards
35HA0500105 Visual inspection of the cabin oxygen system
36HA3600102 Operational test of the pneumatic system
36HA0500101 Visual inspection of the pneumatic and engine bleed air system lines, valves and ducts
36HA0500102 Visual inspection of the ground cooling fan and duct
36HA0500103 Visual inspection of the bleed air leak detection system
36HA0500104 Inspection of the cabin check valves
38HA3800101 Operational test of the water system
38HA0500101 Visual inspection of the toilet's external servicing plumbing
38HA0500102 Visual inspection of the toilet's internal servicing plumbing
38HA0500103 Check under floor boards for leaks in the lavatory area
38HA0500104 Visual inspection of the vanity water system
38HA0500105 Visual inspection of the fill adaptor and cap
52HA5220101 Functional test of the emergency exit door latch handle
52HA5210102 Functional test of the main entry door latch/lock handle
52HA5210101 Operational test of the main entry door
52HA5230101 Functional test of the forward baggage door
52HA1221101 Lubricate the fuselage doors (main entry & emergency exit)
52HA0500101 Visual inspection of main entry door and emergency exit door, stops, posts, hinges, bayonets and latches
52HA0500103 Visual inspection of main entry door and emergency exit door O-rings and seals
52HA0500104 Visual inspection of the emergency exit door
52HA0500105 Visual inspection of the main entry door latch mechanism and bayonets. Inspect the six bleed holes in the Main Entry Door (MED) ring frame (inner) common to the pressure seal base
52HA0500106 Visual inspection of the main entry door lower hinge attachment
52HA0500107 Visual inspection of the aft baggage door seal and bleed holes shall be open
52HA0500108 Visual inspection of the aft baggage door latches and hinges
52HA0500109 Visual inspection of the nose gear doors, hardware, and actuators
52HA0500110 Visual inspection of the main gear doors, hardware and actuators
52HA0500112 Visual inspection of the service door lands, latches, hinges and centering devices
52HA0500114 Main landing gear inboard door pre-load check
52HA0500115 Functional test of the JT connector access doors (433BR, 443BL)
53HA0500101 Visual inspection of the radome and drain holes
53HA0500102 Visual inspection of the radome lightening diverter strips
53HA0500103 Visual inspection of the forward/aft pressure bulkheads
53HA0500104 Visual inspection of fuselage stringers, inner skin and floor structure
53HA0500105 Visual inspection of the fuselage fairings and drain holes
53HA0500106 Visual inspection of the wing attach area
53HA0500107 Visual inspection of the tail cone at FS 415 and aft
53HA0500108 Visual inspection of the fuselage exterior skin
53HA0500109 Visual inspection of the fuselage bilge drains
53HA0500110 Visual inspection of the aft service bay hydraulic system, environmental system; flight controls systems and electrical equipment, wire connections
53HA0500111 Visual inspection of the heat exchanger/vapor cycle system
54HA0500102 Visual inspection of the fire seals, forward and aft firewalls, pylon firewall and forward pylon firewall blanket. Ensure gap in seal just aft of starter/generator vent is open
54HA0500103 Visual inspection of the pylon and firewall drain lines, drains and vents
54HA0500104 Visual inspection of the precooler outlet ducts
54HA0500105 Visual inspection of the interior and exterior areas of pylon

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54HA0500106 Visual inspection of the pylon attachment points
 54HA0500107 Visual inspection of the pylon wire harnesses
 55HA0500101 Visual inspection of the vertical stabilizer, attachments to the stabilizer, spars, bulkheads, frames, fairing, and fittings
 55HA0500102 Visual inspection of the elevator assembly including trim tab, elevator and attaching parts
 55HA0500103 Visual inspection of the rudder assembly including trim tab and attaching parts
 56HA0500101 Visual inspection of the cockpit windshields
 56HA0500102 Visual inspection of the windshields and frames
 56HA0500103 Visual inspection of the cabin windows
 57HA0500101 Visual inspection of the skin, rivets, drains, and attachments on the wing
 57HA0500103 Visual inspection of the flap fairings and drain holes
 57HA0500104 Visual inspection of the wing leading edge
 57HA0500105 Visual inspection of the wing inspection panels and upper trailing edge skins
 57HA0500107 Visual inspection of the flap assembly including vanes and flap attaching parts
 57HA0500108 Visual inspection of the aileron assembly including trim tab and attaching parts
 57HA0500109 Visual inspection of the exterior placards
 57HA0500110 Visual inspection of the wing dry bay electrical harnesses
 57HA0500111 Visual inspection of the main landing gear wheel well skin, spars and ribs
 57HA0500112 Visual inspection of the wing vortex generators and bumps
 57HA0500113 Visual inspection of the winglet and drain holes
 71HA0500101 Visual inspection of the engine vibration isolators
 72HA0500101 Visual inspection of the nacelle/cowling area, skins, doors, latches and fasteners
 72HA0500102 Visual inspection of the engine inlet and inlet lip, liner, and liner drains

5007 Complied with 600 hour time limit items identified in HA-420 ALIM 05-60-00, Table 601, Rev D, as listed below:

23HA2350101 Operational test of crew communication system oxygen microphone and switches
 24HA2400101 Operational test of electrical power system cabin power switch and bus tie contactor
 26HA0500101 Visual inspection of fire suppression nozzle
 27HA2750103 Detailed inspection of RH and LH flap actuator ball screw
 28HA2840101 Operational test fuel indicating system fuel quantity signal conditioner
 28HA0500105 Detailed inspection of surge tank float switch
 29HA2900107 Functional test of hydraulic power system
 30HA3040101 Functional test of windshield temperature sensing system
 30HA3020102 Functional test of bleed air leak detection system over temperature switch
 30HA3010103 Operational test wing ice protection system (WAIV high flow solenoid)
 32HA3240102 Functional test of landing gear latent failures, digital anti-skid control unit (DACU) annunciation
 32HA3200103 Functional test of emergency extension system & nose landing gear uplock
 34HA3410101 Functional test of primary air data system (14 CFR 91.411 and 91.413 requirement). Complied with the 24 month functional test of the primary/standby air data systems and transponder per HA-420 AMM 34-00-02-700-802/804/808 and Honda Aircraft Company document HA420-010-34010 Rev. D. The primary and standby air data/transponder systems were tested to 43,000 ft as required by FAR 91.411 and 91.413 and were found in compliance with FAR 43 appendix E & F.
 34HA3400105 Functional test of standby air data system multifunctional probe
 34HA3400104 Functional test of traffic collision avoidance system
 35HA3500101 Functional test of passenger oxygen system (General)
 35HA3500102 Functional test of passenger oxygen system (Oxygen service panel leak, with cap removed at service panel)
 35HA0500101 Visual inspection of passenger oxygen system (Broken filler cap)
 35HA3500103 Functional test of passenger oxygen system (Low pressure erroneous indication)
 36HA3600101 Operational test of manifold temperature sensor
 51HA5180101 Functional test of electrical power bonding and grounding procedure
 52HA5210103 Functional test of main entry door warning system including switches
 52HA0500111 Visual inspection of vent path from the forward baggage area to the nose landing gear bay and radome and under floor area
 52HA0500113 Detailed inspection of main entry door lower hinge pin

8001 Weighed aircraft following option installation per HA-420 AMM 08-11-10. Aircraft new empty weight is 7217.20 lbs. %MAC 37.83. Updated AFM with new weighing report and update Aircraft Equipment List with new optional equipment.

11001 Installed "max 3 lbs" placard P/N: HJ1-11100-311-009 to cabin seat drawers per HA-420 AMM 11-31-10.

4 HJ1-11100-311-009 PLACARD, SEAT NE

11002 Applied cosmetic touch-up to the LH aft seat drawer per BE Aerospace CMM 25-25-73 and HA-420 AMM 20-13-10. Installed new placard P/N: HJ1-11100-311-011 in accordance with HA-420 AMM 11-31-10.

1 HJ1-11100-311-011 PLACARD, SEAT NE

11003 Removed NLG tire pressure placard P/N HJ1-11100-232-005 and installed new NLG tire pressure placard P/N HJ1-11100-232-005 per HA-420 AMM 11-21-10.

1 HJ1-11100-232-005 PLACARD, EXTERIOR - LG NE

12002 Defueled aircraft, connected and torqued FPMU supply line in accordance with Honda Aircraft HA-420 AMM 12-11-10. Fueled aircraft in accordance with HA-420 AMM 12-11-10. Performed a satisfactory leak check of FPMU supply line in accordance with HA-420 AMM 12-31-12.

20001 Removed and installed interior and exterior panels associated with 600 hr. inspection items in accordance with HA-420 AMM

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20-11-10. Performed a satisfactory operational check of affected interior and exterior items per HA-420 AMM chapter 25, 33 and 38.

20002 Performed exterior paint touch up of sealant lines and screw heads as required in accordance with HA-420 AMM 20-13-10.

21001 Applied sealant to MED door frame in top fwd bayonet fitting in accordance with HA-420 AMM 51-21-10. Performed a satisfactory cabin pressurization leak check (leak rate 18.37 SCFM) in accordance with HA-420 AMM 21-30-01.

21002 Installed new clamp P/N M85449/2-28 on cabin low pressure duct by LH lavatory bulkhead per HA-420 AMM 21-22-12.

1 M85449/2-28 CLAMP ASSY, SADDLE TYPE NE

23001 Crew reported #2 com is intermittent. Troubleshoot system and found the SWR on com #2 antenna was out of limits. Removed com 2 antenna P/N CI 1085-20-L S/N 592317 and installed a new com 2 antenna P/N CI 1085-20-L S/N 622923 in accordance with HA-420 AMM 23-11-10. Performed a satisfactory operational test of the VHF/transponder com antenna system in accordance with HA-420 AMM 23-10-01. Performed a satisfactory functional test of the Mode-S transponder in accordance with HA-420 AMM 34-00-02. Performed a satisfactory cabin pressurization leak test with a leak rate of 18.37 SCFM in accordance with HA-420 AMM 21-30-01.

1 CI 1085-20-L ANTENNA-VHF/L-BAND NE 622923
4 MS27039C1-15 SCREW, MACHINE, PAN HEAD NE
2 AG845000-67 GASKET - VHF/UHF BLADE ANTENNA NE

24001 25CA2563013 Complied with No. 1 main ship (Lead Acid) battery capacity check in accordance with Concorde Battery Corporation CMM 24-30-71 rev. "Q". Battery P/N: RG-145-1, S/N:41012153 passed capacity test with a rated capacity of 99.01%. Removed and re-installed battery in accordance with HA-420 AMM 24-31-11 to facilitate capacity check. Performed a satisfactory battery power test in accordance with HA-420 AMM task 24-00-02-700-801.

24002 25CA2563013 Complied with No. 2 main ship (Lead Acid) battery capacity check in accordance with Concorde Battery Corporation CMM 24-30-71 rev. "Q". Battery P/N: RG-390ES, S/N:41011813 passed capacity test with a rated capacity of 101.02%. Removed and re-installed battery in accordance with HA-420 AMM 24-31-11 to facilitate capacity check. Performed a satisfactory battery power test in accordance with HA-420 AMM task 24-00-02-700-801.

25001 Adjusted tension on pilot and co-pilot sunvisor in accordance with Rosen Sunvisor Systems DOC# 9042-0122-002 Rev A.

25002 Disassembled and inspected co-pilots seat track lock control mechanism. Cleaned hardware and re-assembled seat track lock control mechanism. Performed a satisfactory operational check of co-pilots seat track lock control mechanism. Work performed in accordance with Ipeco CMM 25-11-74.

25003 Installed new isolator nut plate P/N J-23644-3 in RH sidewall per HA-420 AMM 20-12-11 and 20-12-13.

1 J-23644-3 MOUNTING, BONDED NE

25004 Installed new MED cable close out panel P/N D536303AD29 per HA-420 AMM 52-11-17.

1 D536303AD29 ENTRYWAY DOOR COVER INSERT MOONLIGHT NE

25005 Removed pilot inboard rudder pedal boot and installed new pilot inboard rudder pedal boot P/N HJ1-12510-253-006 in accordance with HA-420 AMM 25-11-14.

1 HJ1-12510-253-006 BOOT ASSY, RUDDER PEDAL NE

27001 Adjusted rudder primary stops to obtain rudder travel in accordance with HA420 AMM 27-20-01.

27002 Replaced aft pressure bulkhead flight control cable ball seals P/N HJ1-12700-325-001 and HJ1-12700-325-003 in accordance with HA-420 AMM 27-21-18 and 27-31-15. Performed a satisfactory cabin pressurization leak test (leak rate 18.37 SCFM) in accordance with HA-420 AMM 21-30-01.

4 HJ1-12700-325-001 HALF BALL, SEAL - CABLE, FS 285 NE
4 HJ1-12700-325-003 HALF BALL, SEAL - CABLE, FS 285 NE

27003 Adjusted rudder cables to nominal tensions in accordance with HA-420 AMM 27-20-01. Performed a satisfactory operational test of rudder control system in accordance with HA-420 AMM 27-00-01.

27004 Adjusted aileron fuselage, wing, and servo cables to nominal tensions in accordance with HA-420 AMM 27-10-01. Performed a satisfactory operational test of aileron control system and aileron trim system in accordance with HA-420 AMM 27-00-01.

27005 Removed LH flap actuator bolt P/N NAS6204-32D and collar P/N HJ1-12750-806-015 and installed new bolt P/N NAS6204-32D and collar P/N HJ1-12750-806-015 per HA-420 AMM 27-51-11.

1 HJ1-12750-806-015 COLLAR, DRIVE ARM-FLAP CONTROL NE
1 NAS6204-32D BOLT, TENSION, HEX HEAD NE

27006 Removed RH flap actuator bolt P/N NAS6204-32D and collar P/N HJ1-12750-806-015 and installed new bolt P/N NAS6204-32D and collar P/N HJ1-12750-806-015 in accordance with HA-420 AMM 27-51-11.

1 HJ1-12750-806-015 COLLAR, DRIVE ARM-FLAP CONTROL NE
1 NAS6204-32D BOLT, TENSION, HEX HEAD NE

28001 Installed new rivet P/N: MS20470AD3-4 on fuel cap lanyard per Honda Aircraft Company drawing HJ1-12811-302, and HA-420 AMM 20-13-16.

28002 Applied primer to refuel tube next to A/C pack in accordance with HA-420 AMM 20-13-17.

28003 Installed new rubber grommet between RH collector tank and fwd fuel bay in accordance with HA-420 AMM 51-21-10.

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- 1 MS35489-12 GROMMETS, SYNTHETIC AND SILICONE RUBBER NE
- 29001 Removed and replaced upper hydraulic reservoir quick disconnect P/N TB3005S2-6D per HA-420 AMM 20-11-10.
- 1 TB3005S2-6D COUPLING HALF, QUICK DISCONNECT - BULKHE NE
- 30001 Removed RH outboard lower tail de-ice actuator P/N HJ1-13010-512-001 S/N 00003353 and installed new actuator P/N HJ1-13010-512-001 S/N 00004694 in accordance with HA-420 AMM 30-12-14. Performed a satisfactory operational test of the ice and rain protection system in accordance with HA-420 AMM 30-10-02.
- 1 HJ1-13010-512-001 ACTUATOR, DE-ICE NE 00004694
- 31001 Incorporated cockpit voice recorder/flight data recorder system (Option Code AV CV YS) FAA approved for installation within the HA-420 specifications issued under Type Certificate A00018AT. Installed electrical and structural components per Honda Aircraft Drawings HJ1-E9144-500 Rev. "J1", HJ1-E9163-010 Rev. "L", HJ1-E3131-001 Rev. "A", HJ1-15325-780 Rev. "A", and HJ1-15320-950 Rev. "G1". Performed a satisfactory operational test of the FDR/CVR system in accordance with HA-420 AMM 31-30-02. Note: ULB P/N DK120/90, S/N AT136206, Battery expiration 05/2026.
- 1 1605-01-00 VOICE/DATA RECORDER (CVR/FDR) NE 2051
- 1 3LO-453C/6 ASSY, ACCELERATION SW NE 121662
- 1 1642-110-02 REMOTE MICROPHONE AMP NE 727
- 1 16301-02 REMOTE MICROPHONE NE 6548
- 32001 Removed NLG drag brace actuator fitting. Replaced o-ring and back up ring P/N MS9058-04 and MS28778-4. Re-installed NLG drag brace actuator fitting and performed a satisfactory bleed, leak and operational check of the NLG. Work performed in accordance with HA-240 AMM 20-11-10, 20-11-12, 29-00-01, and 32-00-01.
- 1 MS28778-4 O-RING, STRAIGHT THREAD TUBE FITTING BOS NE
- 1 MS9058-04 RING - BACK-UP, BOSS CONNECTION NE
- 32002 Removed power brake valve P/N HJ1-13243-101-009, S/N 290 and installed new power brake valve P/N HJ1-13243-101-009, S/N 336 in accordance with HA-420 AMM 32-42-11. Performed a satisfactory bleed of the master cylinders and brake system bleed verification test (RH passed at 100%, LH passed at 98.9%) in accordance with HA-420 AMM 29-00-01. Performed a satisfactory brake pressure test and anti-skid BIT test in accordance with HA-420 AMM 32-40-01 and 34-40-02.
- 1 HJ1-13243-101-009 VALVE, POWER BRAKE AND ANTISKID NE 336
- 32003 Installed new bonding wire P/N M83413/8-G004GG on RH FWD NLG door per HA-420 AMM 52-81-10.
- 1 M83413/8-G004GG CONNECTORS AND ASSEMBLIES, ELECTRICAL, A NE
- 32004 Removed RH wheel speed transducer/ MLG WOW switch harness P/N HJ1-13211-053-007 and installed new RH wheel speed transducer/ MLG WOW switch harness P/N HJ1-13211-053-007 in accordance with HA-420 AMM 32-41-17 and 32-61-11. Performed a satisfactory adjustment of RH WOW switch per HA-420-002A32411 sections 4.1 and 4.2 and HA-420 AMM 32-61-11. Performed a satisfactory functional test of the anti-skid system and operational test of the landing gear system in accordance with HA-420 AMM 32-40-02 and 32-00-01. Removed and re-installed RH wheel and tire assembly and brake assembly in accordance with HA-420 AMM 32-41-11 and 32-41-18. Performed a satisfactory bleed of brake housings in accordance with HA-420 AMM 29-00-01.
- 1 HJ1-13211-053-007 WIRING HARNESS ASSY - DRESSED GEAR ASSY, NE
- 34001 Removed RH VOR antenna P/N CI 120-1-L S/N 586916 and installed new VOR antenna P/N CI 120-1-L S/N 618774 in accordance with HA-420 AMM 34-31-13. Performed a satisfactory functional test of integrated avionics computer steps 1.E.(3), (4) and (5) in accordance with HA-420 AMM 34-00-02.
- 1 AG867000-39 GASKET - NAV ANTENNA NE
- 1 CI 120-1-L ANTENNA-BLADE NE 618774
- 34002 Removed RH radar altimeter antenna P/N S67-2002 S/N 543-94483 and removed LH radar altimeter antenna P/N S67-2002 S/N 543-94482. Installed new RH radar altimeter antenna P/N S67-2002 S/N 543-77360. Installed new LH radar altimeter antenna P/N S67-2002 S/N 543-77357 in accordance with HA-420 AMM 34-41-12. Performed a satisfactory operational test of the radar altimeter system in accordance with HA-420 AMM 34-00-01.
- 1 S67-2002 ANTENNA, RADIO ALTIMETER NE 543-77360
- 2 AG723000-37 CONDUCTIVE GASKET, RAD ALT ANT NE
- 1 S67-2002 ANTENNA, RADIO ALTIMETER NE 543-77357
- 34003 Troubleshoot TCAS system fail. Found transmitter power faulted on configuration page. Removed TCAS processor P/N 011-02571-00 S/N 28P008012 and installed a repaired TCAS Processor P/N 011-02571-00 S/N 28P007241 (WO# 120572530, Approval# G6XR582Y, Dated 10/Mar/2020) in accordance with HA-420 AMM 34-41-13. Performed a satisfactory functional test of the TCAS system in accordance with HA-420 AMM 34-00-02.
- 1 011-02571-00 LRU, ENHANCED TCAS PROCESSOR RE 28P007241
- 35001 Installed new 02 switch bonding jumper P/N M83413/8-C003PP in accordance with HA-420 AMM 35-11-11 and 20-11-10.
- 1 M83413/8-C003PP CONNECTORS AND ASSEMBLIES, ELECTRICAL, A NE
- 51001 Removed sealant around both LH and RH cockpit side windows. Removed the protruding rub strip from the LH and RH cockpit side windows and reapplied aerodynamic sealant. Work performed per HA-420 AMM 51-21-10 and Honda Aircraft Company RM-420-56-06A. Performed a satisfactory cabin pressurization leak test with a leak rate of 18.37 SCFM in accordance with HA-420 AMM 21-30-01. Performed a satisfactory operational check of the tailcone bleed air system that was removed for pressurization per HA-420 AMM 36-00-01.

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- 52001 Installed new seal P/N HJ1-15280-536-001 on LH OB gear door in accordance with HA-420 AMM 20-13-16.
1 HJ1-15280-536-001 SEAL - OUTBD DR, MLG NE
- 52002 Installed new LH OB MLG door stop land P/N HJ1-15280-537-003 in accordance with HA-420 AMM 20-13-16.
1 HJ1-15280-537-003 LAND, DOOR STOP - OUTBD DR, MLG NE
- 52003 Removed MED assist spring mandrel P/N HJ1-15260-320-011 S/N HAR00136 and installed a new MED door assist assy. P/N HJ1-15260-320-011 S/N HAR00208 in accordance with HA-420 AMM 52-11-16. Installed MED and performed adjustment of the MED in accordance with HA-420 AMM 52-11-10 and 52-10-04. Performed a satisfactory operational test of the MED in accordance with HA-420 AMM 52-10-01. Note: Assist assembly P/N HJ1-15260-320-011 contains life limited spring P/N HJ1-15260-379-003 next due replacement is 10,000 flts.
1 HJ1-15260-320-011 DOOR ASSIST ASSY - MED NE HAR00208
- 52004 Rebonded MED fwd skirt boot attachment fitting per HA-420 AMM 20-13-16.
- 53001 Removed and replaced aft service panel seal in accordance with HA-420 AMM 20-13-16.
1 HJ1-15240-415-001 SEAL-AFT SVCE PANEL NE
- 53004 Secured bracket on aft belly drain per HA-420 AMM 20-13-16.
- 56001 Removed emergency exit window seal and applied form in place gasket in accordance with Honda Aircraft Company RM-420-56-15 Rev "-" dated June 6, 2018. Performed a satisfactory cabin pressurization leak test (leak rate 18.37 SCFM) in accordance with HA-420 AMM 21-30-01.
- 56002 The Pilot's windshield has an area of delamination along the outbd edge approx. 18 in from top of windshield. The noted condition was submitted to Honda Aircraft Company Technical Support/Engineering for disposition. The delamination was found to be the non-optical zone and may continue normal flight operations in this condition per Honda Aircraft Company RM HA-420-163_8000313-2. Any further delamination must be re-submitted to Honda Aircraft Company Technical Support for further evaluation and disposition.
- 56003 Polished inside of pilots windshield in accordance with GKN Aerospace procedure for scratch removal on non-coated acrylic surfaces.
- 57001 Removed sealant around LH and RH wing navigation lights and re-applied sealant in reference to HA-420 AMM 51-21-10 and Honda Aircraft Company RM-420-57-12 Rev B.
- 57002 Applied touch up paint to LH flap mid and OB canoe fairings and repositioned canoe fairings to provide adequate clearance per HA-420 AMM 20-13-10 and 57-51-10.
- 57003 Applied touch up paint to IB and OB canoe fairings and repositioned canoe fairings to provide adequate clearance per HA-420 AMM 20-13-10 and 57-51-10.
- 72001 70-31-00-970-801 Complied with No. 1 engine performance download per HA-420 AMM 31-00-01.
- 72503 Installed original RH engine P/N HF120-H1AG04 S/N 883442 repaired by certificate # 3H9R123C on work order MO3445 dated 06/Apr/2020 in accordance with HA-420 AMM 71-00-00. Performed a satisfactory operational test of the engine in accordance with HA-420 AMM 72-00-01. Performed a satisfactory leak check of the engine per GHAE LMM 72-00-00.
1 HF120-H1AG04 PROPULSION SYSTEM, RIGHT HAND HF120 RE 883442
1 13866-200 E-SEAL NE
1 M83248/1-113 O-RING NE
1 MS9556-18 BOLT, MACHINE, DOUBLE HEXAGON NE
2 S2U-226 SEAL, O-RING NE
2 AS1895/7-125 SEAL, TYPE I AND II STANDARD AND LOW PRO NE
1 AS3582-140 PACKING, PREFORMED - O-RING SEAL NE
2 13866-100 E-SEAL NE
1 13866-175 E-SEAL NE
- 72505 70-31-00-970-801 Complied with No. 2 engine performance download per HA-420 AMM 31-00-01.

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 4 / 17 / 2020

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301628

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Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	901	48	652

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
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Parts	Qty	PN	Description	CD	Serial
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38001 Installed new macerator P/N 5300-1H, S/N M6576. Performed a satisfactory operational check of toilet. Work completed per Clean Flush operator's manual Rev C and HA-420 AMM 12-11-16. Performed a satisfactory operational check of macerator pump via servicing and de-servicing toilet per HA-420 AMM 12-11-16.

1 5300-1H

MACERATOR

NE M6576

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 8 / 14 / 2020

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT
WP#: WP301593
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Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	847	30	613

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

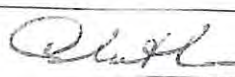
LMM Ref.: HF120

Sequence Action Taken

Parts	Qty	PN	Description	CD	Serial
32001			Removed LH MLG wheel and tire assembly P/N HJ1-13240-010-001 S/N JUL15-0180/9169C044. Installed a repaired LH MLG wheel and tire assembly P/N HJ1-13240-010-001 S/N AUG16-0323/9344C059 per HA-420 AMM 32-41-11. (Wheel/tire assy repaired on WO400978 by Cert # 3HDR835B dated 21 JUL 2020). Inspected LH MLG wheel bearings and repacked. Wheel TSN: 546.9 CSN: 368. Note: customer reported 2nd tire change since last NDI.		
	1	HJ1-13240-010-001	TIRE AND WHEEL ASSY, MLG	RE	AUG16-0323/9344C059
32002			Removed RH MLG wheel and tire assembly P/N HJ1-13240-010-001 S/N MAY15-0150/9163C205. Installed an overhauled RH MLG wheel and tire assembly P/N HJ1-13240-010-001 S/N MAY16-0289/9165C294 (Reference Accessory Overhaul Group dba Aero Repair South Certificate # G4ZR155X W/O# 8500001587 dated Jan 30, 2020 for details on overhauled wheel/tire assembly) per HA-420 AMM 32-41-11. Inspected RH MLG wheel bearings and repacked. Wheel TSN: 129.3 CSN: 143, Wheel TSO: 0.0 CSO: 0.0. Note: Wheel NDI completed during overhaul.		
	1	HJ1-13240-010-001	TIRE AND WHEEL ASSY, MLG	OH	MAY16-0289/9165C294

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 7 / 27 / 2020

Signature: 

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301558

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Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	738	0	540

The work identified below has been accomplished in accordance
with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
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Parts	Qty	PN	Description	CD	Serial
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5001 Complied with 150 hour inspection items as identified in HA-420 ALIM 05-20-00, Table 602, Rev. D. as listed below:

12HA1221102 Lubricate landing gear

5002 Complied with 150 hour time limit items identified in HA-420 ALIM 05-60-00, Table 601, Rev D, as listed below:

26HA2600104 Functional test of fire detector and fire suppression bottle indications

25001 Adjusted and secured latches on cabinet doors and drawers on LH and RH cabinet assemblies per HA-420 AMM 20-11-10.

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date:

6 / 25 / 2020

Signature:



For FAA CRS 3HDR835B/EASA.145.6748

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT
WP#: WP301532
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Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	659	24	491

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420
LMM Ref.: HF120

Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial
25001	Removed and re-installed Go Go wireless broadband equipment to facilitate access in accordance with DRW# 9020-100 Rev. IR and HA-420 WDM 20-00-00. Performed a satisfactory Wi-fi functionality verification (4.6.3) per Gogo Business Aviation Avance L3 installation Manual Rev. D.			
34001	Removed Standby Probe P/N 100564-100-00, S/N 1001161 and installed overhauled unit P/N 100564-100-000, S/N 1001062 (CRS# DS4R139M, Work Order 8500001734 dated 20APR2020) in accordance with HA-420 AMM 34-11-00. Performed a satisfactory cabin pressurization leak test (leak rate 18.46 SCFM) in accordance with HA-420 AMM 21-30-01. Performed a satisfactory functional test of the standby air data system probe in accordance with HA-420 AMM 34-00-02.			
	1	100564-100-000	PROBE, AIR DATA (STANDBY)	OH 1001062
	1	101897-000	SEAL,RING,STANDBY PROBE	NE

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 5 / 26 / 2020

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301521

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Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	634	6	472

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
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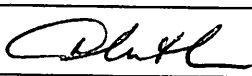
Parts	Qty	PN	Description	CD	Serial
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32001 RH MLG tire pressure was found low @ 154 psi. Removed RH main wheel assembly P/N: HJ1-13240-010-001, S/N: MAY15-0150/9171C051. Performed leak check of wheel and tire and found leaks at main packing seal and fuse plug areas. Disassembled, cleaned and visually inspected wheel. Installed new inner grease baffles P/N 90006399, re-packed wheel bearings and assembled wheel with new packing's and new tire P/N: M19401, S/N: 9163C205 per HA-420 AMM 32-44-10 and Meggitt Aircraft Braking Systems CMM 32-41-46. Performed a satisfactory 24 hr. leak check per Meggitt Aircraft Braking Systems CMM 32-41-46. Installed RH main wheel assembly P/N HJ1-13240-010-001 S/N MAY15-0150/9163C205 in accordance with HA-420 AMM 32-41-11. Customer reported TSN- 530.7 hrs, CSN- 432 and 2nd tire change on wheel S/N MAY15-0150.

3	AS3582-007	PACKING, PREFORMED	NE
1	AS3582-011	PACKING PREFORMED	NE
2	90006399	BAFFLE, GREASE RETAINING	NE
1	AS3578-266	SEAL, O-RING	NE
1	M19401	17.5X5.75R9/12PR	NE 9163C205
1	RG-30	PACKING PREFORMED SEAL, O-RING (V8118)	NE

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 5 / 12 / 2020

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748



Maintenance and Inspection Entries

Make: Honda Aircraft Company LLC
Model: HA-420
Serial No.: 42000163
Hours: 630.5 Lndgs: 469

BANYAN

Aircraft Maintenance Record

Reg. No.: N103JT
Date: May 8, 2020
W/O No.: 45116
Page: 1 Hobbs:

AGENCY / SIGNATURE

Description of Work Accomplished.

➤ Placed aircraft on jacks. Removed No.1 main wheel assembly 90006365 S/N Jul15-0180 and right main wheel assembly P/N 90006365 S/N May15-0150 from aircraft. Disassembled and cleaned wheel assemblies. Assembled No.1 main wheel using new Tire P/N M19401 S/N 9169C044 and new O-ring P/N AS3578-266, No.2 main wheel using new Tire P/N M19401 S/N 9171C051 and new O-ring P/N AS3578-266. Serviced tires with dry nitrogen. Performed leak checks, no leaks noted. Cleaned, lubricated and installed wheel bearings. Installed wheel assemblies in same positions as removed. Removed aircraft from jacks. Work performed IAW HA-420 MM 32-41-11, and Meggitt Aircraft Braking Systems CM 32-41-46. (32CA3241041, 32CA3241042).

Approval for Return to Service

The article(s) identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.

Authorized Signature: *R Tuttle*

Robert Tuttle, Chief Inspector

HONDA JET SOUTHEAST

FAA Certificated Repair Station WD4R618M

5360 NW 20th Terrace Fort Lauderdale, Florida 33309
Phone 954 491 3170 Fax 954 491 1612

Make: Honda Aircraft Company LLC
Model: HA-420
Serial No.: 42000163
Hours: 630.5 Lndgs: 469

BANYAN

Aircraft Maintenance Record

Reg. No.: N103JT
Date: May 8, 2020
W/O No.: 45110
Page: 1 Hobbs:

Description of Work Accomplished.

➤ Removed Standby Instrument Display P/N 40001-01-02 S/N M042666 and installed unit P/N 40001-01-02 S/N M040327, Inspected/Tested by Meggitt (UK) Ltd CRS# UK.145.00078. Performed operational checks, no discrepancies noted. Work performed IAW Honda HA-420 MM 34-21-12, 34-00-02. (34CA3400023).

Approval for Return to Service

The article(s) identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.

Authorized Signature: *R Tuttle*

Robert Tuttle, Chief Inspector

HONDA JET SOUTHEAST

FAA Certificated Repair Station WD4R618M

5360 NW 20th Terrace Fort Lauderdale, Florida 33309
Phone 954 491 3170 Fax 954 491 1612

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301458

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Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	589	54	432

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
Parts	Qty PN Description CD Serial

3001 Complied with Honda Aircraft Company SB-420-32-006, Side Brace Actuator Adjustment. Performed a satisfactory leak, bleed and operational check of the main landing gear. Work completed in accordance with HA-420 AMM 29-00-01, 32-31-15, 32-31-15, and SB-420-32-006.

2	HJ1-13233-130-001	GLAND NUT ASSY - SIDE BRACE ACTUATOR	NE
2	HJ1-13233-133-101	JAM NUT, UP-STOP - SIDE BRACE ACTUATOR	NE
2	HJ1-13233-134-101	ADJUSTOR, UP-STOP - SIDE BRACE ACTUATOR	NE

3002 Complied with Honda Aircraft Company SB-420-32-008 Rev B, Wheel Speed Transducer Harness Routing.

3003 Complied with Honda Aircraft Company SB-420-52-003, NLG Door Gap Validation.

4001 Complied with terminating action for FAA AD 2020-04-14. Complied with paragraph (h) by incorporation of Honda Aircraft Company SB-420-32-008. Complied with paragraph (g) by verifying AFM P/N: HJ1-29001-003-001 Rev B1 and QRH P/N: HJ1-29001-007-001 Rev B is currently on board. Updated electronic checklist to P/N: HJ1-29001-035-001 Rev B as required by the AFM per SL-420-34-004 Rev C.

5001 Complied with 150 hour inspection items as identified in HA-420 ALIM 05-20-00, Table 602, Rev D as listed below:

12HA1221102 Lubricate landing gear

5002 Complied with 150 hour time limit items identified in HA-420 ALIM 05-60-00, Table 601 as listed below:

26HA2600104 Functional test of fire detector and fire suppression bottle indications

5004 Complied with 300 hour inspection items identified in HA-420 ALIM 05-60-00, Table 601, Rev D as listed below:

27HA2711102 Detailed inspection of aileron trim tab backlash
27HA2721102 Detailed inspection of rudder trim tab backlash
27HA2731102 Detailed inspection of elevator trim tab backlash

5005 Complied with 600 hour inspection items identified in HA-420 ALIM 05-10-00, Table 601, Rev D as listed below:

12CA1211121 Take a hydraulic fluid sample
24CA2430122 Visual inspection of RH and LH starter/generator brush
25CA2525731 Visual inspection of passenger seat restraints
29CA2911171 Replace hydraulic filters

1	CS1-JECAHYKT	JET CARE HYDRAULIC KIT	NE
1	ACA902F815	FILTER	NE
1	ACA902F815	FILTER	NE

5006 Complied with 600 hour inspection items identified in HA-420 ALIM 05-20-00, Table 601, Rev D, as listed below:

12HA1221101 Lubricate fuselage doors
12HA1211115 Service landing gear struts
21HA2130101 Perform cabin pressurization leak test
21HA0500102 Visual inspection of VCS components
21HA0500104 Visual inspection of the ECS and VCS drains
21HA2150101 Operational test of the vapor cycle system
21HA2150102 Leak test of the VCS system
21HA0500105 Visual inspection of the heat exchanger and VCS ducting
21HA0500106 Visual inspection of the primary and secondary outflow valves
22HA0500101 Visual inspection of the pilot and co-pilot yoke switches
22HA0500102 Visual inspection of the AFCS controller
22HA0500103 Visual inspection of the aileron, rudder, and elevator servos
22HA0500104 Visual inspection of the aileron, rudder, and elevator trim adaptors
22HA0500105 Operational test of the yaw servo
23HA0500101 Visual inspection of the cockpit communication system
23HA0500102 Visual inspection of the antenna, antenna mounts and cables
23HA0500103 Visual inspection of the ELT LRU installation
24HA0500101 Visual inspection of the cockpit side consoles and circuit breakers
24HA0500102 Visual inspection of the main battery installations

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24HA0500103 Visual inspection of the PDUs, PDU circuit breakers, and electrical components
24HA0500105 Visual inspection of the power inverter
24HA0500106 Visual inspection of the external power receptacle area
24HA0500107 Visual inspection of the electrical power system components
24HA0500108 Visual inspection of the electrical power system components
24HA0500109 Visual inspection of the electrical power system components
24HA0500110 Visual inspection of the electrical power system components
24HA0500111 Visual inspection of the wiring and connections for the FADEC
25HA0500101 Visual inspection of the attaching structure and surrounding areas of cabin seats, cabinets, partitions, floorboards
25HA0500102 Visual inspection of attaching structure, surrounding areas of the crew seats, floorboards
25HA0500103 Visual inspection of the flashlight, fire extinguisher, first aid kit
25HA0500104 Visual inspection of the crew and passenger seats
25HA0500105 Visual inspection of the crew and cabin overhead panels
25HA0500106 Visual inspection of the cabinet assemblies
25HA0500107 Visual inspection of the crew seat tracks and lugs
25HA0500108 Visual inspection of the lavatory vanity
25HA0500109 Visual inspection of the lavatory cabinets
25HA0500110 Visual inspection of the interior placards
25HA0500111 Visual inspection of the fuselage sub floor area electrical harnesses for chafing and conduit condition in wire tray opened lipped areas and the fuselage moisture drain path
26HA2600101 Functional test of the fire detection and suppression system
26HA0500102 Visual inspection of the fire detector element for routing and connection
26HA0500103 Visual inspection of the engine nacelle electrical harness assemblies
26HA0500105 Visual inspection of the fire suppression bottle
27HA2710102 Measurement of the aileron control cable tensions and control surface travel
27HA2720101 Measurement of the rudder control cable tensions and control surface travel
27HA2730101 Measurement of the elevator control cable tensions and control surface travel
27HA2750102 Operational test of the flap system
27HA2760101 Operational test of the speed brakes
27HA0500101 Visual inspection of the wiring, and flight control cables
27HA0500102 Visual inspection of the control columns
27HA0500103 Visual inspection of the rudder pedals for general condition
27HA0500104 Visual inspection of the forward and aft rudder sectors
27HA0500105 Visual inspection of the rudder upper and lower torque tube
27HA0500106 Visual inspection of the rudder trim actuator
27HA0500107 Visual inspection of the horizontal stabilizer and attaching structure
27HA0500108 Visual inspection of the elevator, trim tab, actuator and wiring
27HA0500109 Visual inspection of the elevator bellcrank stops, bolts and bearings
27HA0500110 Visual inspection of elevator torque tubes bearings and actuating rods
27HA0500111 Visual inspection of flight control cables, pulleys, sectors, bearings, and pushrods
27HA0500112 Visual inspection of the aileron trim system
27HA0500113 Visual inspection of the flaps and flap actuators
27HA0500114 Visual inspection of the rear spar and attaching wire bundles and electrical connectors
27HA0500115 Visual inspection of the speed brake actuator and attaching hardware
27HA0500116 Visual inspection of the tail cone with the speed brake opened
28HA0500101 Visual inspection of the fuel drains and vent system
28HA0500102 Visual inspection of the fuel placards
28HA0500103 Visual inspection of the fuel lines in the pylon
28HA0500104 Visual inspection of the electric boost pump controller
28HA0500107 Visual inspection of the refuel tube, refuel housing, refuel port and bonding strap
28HA0500108 Visual inspection of the vent line from the refuel housing to the fuselage tank
28HA0500109 Visual inspection of the fuel lines in the pylon
29HA0500101 Visual inspection of the hydraulic module and reservoir
29HA0500102 Visual inspection of the accumulators and plumbing
29HA0500103 Visual inspection of the hydraulic pump
29HA0500105 Visual inspection of all hydraulic plumbing
29HA0500106 Visual inspection of the hydraulic module and reservoir area electrical harnesses and conduit
30HA3010105 Operational test of the wing ice protection system (Eff: 42000126+)
30HA3040103 Functional test of the windshield heat control system
30HA3020101 Operational test of the engine inlet ice protection system
30HA3080101 Operational test of the ice detector system
30HA3010102 Operational test of horizontal tail ice protection system
30HA0500101 Visual inspection of all ice and rain protection tubing, couplings, sensors, and clamps
30HA0500102 Visual inspection of the wing anti-ice system components
30HA0500103 Visual inspection of the horizontal tail ice protection system
31HA0500101 Visual inspection of the instrument panel, instruments, and pedestal equipment
32HA3250102 Functional test of the nosewheel steering system
32HA3240101 Functional test of the brake pressure
32HA0500101 Visual inspection of the nose steering system
32HA0500102 Visual inspection of the nose landing gear structure (trunnion)
32HA0500103 Visual inspection of the NLG shock absorber

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32HA0500104 Visual inspection of the NLG gear uplock assembly
32HA0500105 Visual inspection of the NLG Weight-on-Wheels switch
32HA0500106 Visual inspection of the NLG drag brace actuator and MLG side brace actuators
32HA0500107 Visual inspection of the master cylinders
32HA0500108 Visual inspection of the MLG weight-on-wheels switch
32HA0500109 Visual inspection of the MLG shock absorber
32HA0500110 Visual inspection of the MLG inboard door actuators
32HA0500112 Visual inspection of the MLG and NLG area electrical harnesses and conduits
33HA3300101 Operational test of the interior lights
33HA3300102 Operational test of the exterior lights
33HA0500101 Visual inspection of the cockpit overhead lights
33HA0500102 Visual inspection of the cabin overhead, entry, lavatory lights and lenses
33HA0500103 Visual inspection of the landing/taxi lights and lenses
33HA0500104 Visual inspection of the position lights, beacon and lenses
33HA0500105 Visual inspection of the logo and wing inspection lights
34HA3400101 Functional test of the RH and LH integrated avionics computer
34HA0500101 Visual inspection of the navigation system antennas
34HA0500102 Visual inspection of the navigation system equipment and racks
35HA3500106 Functional test of the crew and passenger oxygen
35HA3500107 Leak test of the crew and passenger oxygen system
35HA3500108 Functional test of the oxygen low pressure switch
35HA0500106 Visual inspection of the oxygen system in the nose to include the bottle, tubes, regulators and gauges
35HA0500102 Visual inspection of the crew smoke goggles
35HA0500103 Visual inspection of the crew oxygen masks and seals
35HA0500104 Visual inspection of the cabin oxygen masks and lanyards
35HA0500105 Visual inspection of the cabin oxygen system
36HA3600102 Operational test of the pneumatic system
36HA0500101 Visual inspection of the pneumatic and engine bleed air system lines, valves and ducts
36HA0500102 Visual inspection of the ground cooling fan and duct
36HA0500103 Visual inspection of the bleed air leak detection system
36HA0500104 Inspection of the cabin check valves
38HA3800101 Operational test of the water system
38HA0500101 Visual inspection of the toilet's external servicing plumbing
38HA0500102 Visual inspection of the toilet's internal servicing plumbing
38HA0500103 Check under floor boards for leaks in the lavatory area
38HA0500104 Visual inspection of the vanity water system
38HA0500105 Visual inspection of the fill adaptor and cap
52HA5220101 Functional test of the emergency exit door latch handle
52HA5210102 Functional test of the main entry door latch/lock handle
52HA5210101 Operational test of the main entry door
52HA5230101 Functional test of the forward baggage door
52HA1221101 Lubricate the fuselage doors (main entry & emergency exit)
52HA0500101 Visual inspection of main entry door and emergency exit door, stops, posts, hinges, bayonets and latches
52HA0500103 Visual inspection of main entry door and emergency exit door O-rings and seals
52HA0500104 Visual inspection of the emergency exit door
52HA0500105 Visual inspection of the main entry door latch mechanism and bayonets. Inspect the six bleed holes in the Main Entry Door (MED) ring frame (inner) common to the pressure seal base
52HA0500106 Visual inspection of the main entry door lower hinge attachment
52HA0500107 Visual inspection of the aft baggage door seal and bleed holes shall be open
52HA0500108 Visual inspection of the aft baggage door latches and hinges
52HA0500109 Visual inspection of the nose gear doors, hardware, and actuators
52HA0500110 Visual inspection of the main gear doors, hardware and actuators
52HA0500112 Visual inspection of the service door lands, latches, hinges and centering devices
52HA0500114 Main landing gear inboard door pre-load check
52HA0500115 Functional test of the JT connector access doors (433BR, 443BL)
53HA0500101 Visual inspection of the radome and drain holes
53HA0500102 Visual inspection of the radome lightening diverter strips
53HA0500103 Visual inspection of the forward/aft pressure bulkheads
53HA0500104 Visual inspection of fuselage stringers, inner skin and floor structure
53HA0500105 Visual inspection of the fuselage fairings and drain holes
53HA0500106 Visual inspection of the wing attach area
53HA0500107 Visual inspection of the tail cone at FS 415 and aft
53HA0500108 Visual inspection of the fuselage exterior skin
53HA0500109 Visual inspection of the fuselage bilge drains
53HA0500110 Visual inspection of the aft service bay hydraulic system, environmental system; flight controls systems and electrical equipment, wire connections
53HA0500111 Visual inspection of the heat exchanger/vapor cycle system
54HA0500102 Visual inspection of the fire seals, forward and aft firewalls, pylon firewall and forward pylon firewall blanket. Ensure gap in seal just aft of starter/generator vent is open
54HA0500103 Visual inspection of the pylon and firewall drain lines, drains and vents
54HA0500104 Visual inspection of the precooler outlet ducts
54HA0500105 Visual inspection of the interior and exterior areas of pylon

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54HA0500106 Visual inspection of the pylon attachment points
 54HA0500107 Visual inspection of the pylon wire harnesses
 55HA0500101 Visual inspection of the vertical stabilizer, attachments to the stabilizer, spars, bulkheads, frames, fairing, and fittings
 55HA0500102 Visual inspection of the elevator assembly including trim tab, elevator and attaching parts
 55HA0500103 Visual inspection of the rudder assembly including trim tab and attaching parts
 56HA0500101 Visual inspection of the cockpit windshields
 56HA0500102 Visual inspection of the windshields and frames
 56HA0500103 Visual inspection of the cabin windows
 57HA0500101 Visual inspection of the skin, rivets, drains, and attachments on the wing
 57HA0500103 Visual inspection of the flap fairings and drain holes
 57HA0500104 Visual inspection of the wing leading edge
 57HA0500105 Visual inspection of the wing inspection panels and upper trailing edge skins
 57HA0500107 Visual inspection of the flap assembly including vanes and flap attaching parts
 57HA0500108 Visual inspection of the aileron assembly including trim tab and attaching parts
 57HA0500109 Visual inspection of the exterior placards
 57HA0500110 Visual inspection of the wing dry bay electrical harnesses
 57HA0500111 Visual inspection of the main landing gear wheel well skin, spars and ribs
 57HA0500112 Visual inspection of the wing vortex generators and bumps
 57HA0500113 Visual inspection of the winglet and drain holes
 71HA0500101 Visual inspection of the engine vibration isolators
 72HA0500101 Visual inspection of the nacelle/cowling area, skins, doors, latches and fasteners
 72HA0500102 Visual inspection of the engine inlet and inlet lip, liner, and liner drains

5007 Complied with 600 hour time limit items identified in HA-420 ALIM 05-60-00, Table 601, Rev D, as listed below:

23HA2350101 Operational test of crew communication system oxygen microphone and switches
 24HA2400101 Operational test of electrical power system cabin power switch and bus tie contactor
 26HA0500101 Visual inspection of fire suppression nozzle
 27HA2750103 Detailed inspection of RH and LH flap actuator ball screw
 28HA2840101 Operational test fuel indicating system fuel quantity signal conditioner
 28HA0500105 Detailed inspection of surge tank float switch
 29HA2900107 Functional test of hydraulic power system
 30HA3040101 Functional test of windshield temperature sensing system
 30HA3020102 Functional test of bleed air leak detection system over temperature switch
 30HA3010103 Operational test wing ice protection system (WAIV high flow solenoid)
 32HA3240102 Functional test of landing gear latent failures, digital anti-skid control unit (DACU) annunciation
 32HA3200103 Functional test of emergency extension system & nose landing gear uplock
 34HA3410101 Functional test of primary air data system (14 CFR 91.411 and 91.413 requirement). Complied with the 24 month functional test of the primary/standby air data systems and transponder per HA-420 AMM 34-00-02-700-802/804/808 and Honda Aircraft Company document HA420-010-34010 Rev. D. The primary and standby air data/transponder systems were tested to 43,000 ft as required by FAR 91.411 and 91.413 and were found in compliance with FAR 43 appendix E & F.
 34HA3400105 Functional test of standby air data system multifunctional probe
 34HA3400104 Functional test of traffic collision avoidance system
 35HA3500101 Functional test of passenger oxygen system (General)
 35HA3500102 Functional test of passenger oxygen system (Oxygen service panel leak, with cap removed at service panel)
 35HA0500101 Visual inspection of passenger oxygen system (Broken filler cap)
 35HA3500103 Functional test of passenger oxygen system (Low pressure erroneous indication)
 36HA3600101 Operational test of manifold temperature sensor
 51HA5180101 Functional test of electrical power bonding and grounding procedure
 52HA5210103 Functional test of main entry door warning system including switches
 52HA0500111 Visual inspection of vent path from the forward baggage area to the nose landing gear bay and radome and under floor area
 52HA0500113 Detailed inspection of main entry door lower hinge pin

8001 Weighed aircraft following option installation per HA-420 AMM 08-11-10. Aircraft new empty weight is 7217.20 lbs. %MAC 37.83. Updated AFM with new weighing report and update Aircraft Equipment List with new optional equipment.

11001 Installed "max 3 lbs" placard P/N: HJ1-11100-311-009 to cabin seat drawers per HA-420 AMM 11-31-10.

4 HJ1-11100-311-009 PLACARD, SEAT NE

11002 Applied cosmetic touch-up to the LH aft seat drawer per BE Aerospace CMM 25-25-73 and HA-420 AMM 20-13-10. Installed new placard P/N: HJ1-11100-311-011 in accordance with HA-420 AMM 11-31-10.

1 HJ1-11100-311-011 PLACARD, SEAT NE

11003 Removed NLG tire pressure placard P/N HJ1-11100-232-005 and installed new NLG tire pressure placard P/N HJ1-11100-232-005 per HA-420 AMM 11-21-10.

1 HJ1-11100-232-005 PLACARD, EXTERIOR - LG NE

12002 Defueled aircraft, connected and torqued FPMU supply line in accordance with Honda Aircraft HA-420 AMM 12-11-10. Fueled aircraft in accordance with HA-420 AMM 12-11-10. Performed a satisfactory leak check of FPMU supply line in accordance with HA-420 AMM 12-31-12.

20001 Removed and installed interior and exterior panels associated with 600 hr. inspection items in accordance with HA-420 AMM

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- 20-11-10. Performed a satisfactory operational check of affected interior and exterior items per HA-420 AMM chapter 25, 33 and 38.
- 20002 Performed exterior paint touch up of sealant lines and screw heads as required in accordance with HA-420 AMM 20-13-10.
- 21001 Applied sealant to MED door frame in top fwd bayonet fitting in accordance with HA-420 AMM 51-21-10. Performed a satisfactory cabin pressurization leak check (leak rate 18.37 SCFM) in accordance with HA-420 AMM 21-30-01.
- 21002 Installed new clamp P/N M85449/2-28 on cabin low pressure duct by LH lavatory bulkhead per HA-420 AMM 21-22-12.
- 1 M85449/2-28 CLAMP ASSY, SADDLE TYPE NE
- 23001 Crew reported # 2 com is intermittent. Troubleshoot system and found the SWR on com #2 antenna was out of limits. Removed com 2 antenna P/N CI 1085-20-L S/N 592317 and installed a new com 2 antenna P/N CI 1085-20-L S/N 622923 in accordance with HA-420 AMM 23-11-10. Performed a satisfactory operational test of the VHF/transponder com antenna system in accordance with HA-420 AMM 23-10-01. Performed a satisfactory functional test of the Mode-S transponder in accordance with HA-420 AMM 34-00-02. Performed a satisfactory cabin pressurization leak test with a leak rate of 18.37 SCFM in accordance with HA-420 AMM 21-30-01.
- 1 CI 1085-20-L ANTENNA-VHF/L-BAND NE 622923
4 MS27039C1-15 SCREW, MACHINE, PAN HEAD NE
2 AG845000-67 GASKET - VHF/UHF BLADE ANTENNA NE
- 24001 25CA2563013 Complied with No. 1 main ship (Lead Acid) battery capacity check in accordance with Concorde Battery Corporation CMM 24-30-71 rev. "Q". Battery P/N: RG-145-1, S/N:41012153 passed capacity test with a rated capacity of 99.01%. Removed and re-installed battery in accordance with HA-420 AMM 24-31-11 to facilitate capacity check. Performed a satisfactory battery power test in accordance with HA-420 AMM task 24-00-02-700-801.
- 24002 25CA2563013 Complied with No. 2 main ship (Lead Acid) battery capacity check in accordance with Concorde Battery Corporation CMM 24-30-71 rev. "Q". Battery P/N: RG-390ES, S/N:41011813 passed capacity test with a rated capacity of 101.02%. Removed and re-installed battery in accordance with HA-420 AMM 24-31-11 to facilitate capacity check. Performed a satisfactory battery power test in accordance with HA-420 AMM task 24-00-02-700-801.
- 25001 Adjusted tension on pilot and co-pilot sunvisor in accordance with Rosen Sunvisor Systems DOC# 9042-0122-002 Rev A.
- 25002 Disassembled and inspected co-pilots seat track lock control mechanism. Cleaned hardware and re-assembled seat track lock control mechanism. Performed a satisfactory operational check of co-pilots seat track lock control mechanism. Work performed in accordance with Ipeco CMM 25-11-74.
- 25003 Installed new isolator nut plate P/N J-23644-3 in RH sidewall per HA-420 AMM 20-12-11 and 20-12-13.
- 1 J-23644-3 MOUNTING, BONDED NE
- 25004 Installed new MED cable close out panel P/N D536303AD29 per HA-420 AMM 52-11-17.
- 1 D536303AD29 ENTRYWAY DOOR COVER INSERT MOONLIGHT NE
- 25005 Removed pilot inboard rudder pedal boot and installed new pilot inboard rudder pedal boot P/N HJ1-12510-253-006 in accordance with HA-420 AMM 25-11-14.
- 1 HJ1-12510-253-006 BOOT ASSY, RUDDER PEDAL NE
- 27001 Adjusted rudder primary stops to obtain rudder travel in accordance with HA420 AMM 27-20-01.
- 27002 Replaced aft pressure bulkhead flight control cable ball seals P/N HJ1-12700-325-001 and HJ1-12700-325-003 in accordance with HA-420 AMM 27-21-18 and 27-31-15. Performed a satisfactory cabin pressurization leak test (leak rate 18.37 SCFM) in accordance with HA-420 AMM 21-30-01.
- 4 HJ1-12700-325-001 HALF BALL, SEAL - CABLE, FS 285 NE
4 HJ1-12700-325-003 HALF BALL, SEAL - CABLE, FS 285 NE
- 27003 Adjusted rudder cables to nominal tensions in accordance with HA-420 AMM 27-20-01. Performed a satisfactory operational test of rudder control system in accordance with HA-420 AMM 27-00-01.
- 27004 Adjusted aileron fuselage, wing, and servo cables to nominal tensions in accordance with HA-420 AMM 27-10-01. Performed a satisfactory operational test of aileron control system and aileron trim system in accordance with HA-420 AMM 27-00-01.
- 27005 Removed LH flap actuator bolt P/N NAS6204-32D and collar P/N HJ1-12750-806-015 and installed new bolt P/N NAS6204-32D and collar P/N HJ1-12750-806-015 per HA-420 AMM 27-51-11.
- 1 HJ1-12750-806-015 COLLAR, DRIVE ARM-FLAP CONTROL NE
1 NAS6204-32D BOLT, TENSION, HEX HEAD NE
- 27006 Removed RH flap actuator bolt P/N NAS6204-32D and collar P/N HJ1-12750-806-015 and installed new bolt P/N NAS6204-32D and collar P/N HJ1-12750-806-015 in accordance with HA-420 AMM 27-51-11.
- 1 HJ1-12750-806-015 COLLAR, DRIVE ARM-FLAP CONTROL NE
1 NAS6204-32D BOLT, TENSION, HEX HEAD NE
- 28001 Installed new rivet P/N: MS20470AD3-4 on fuel cap lanyard per Honda Aircraft Company drawing HJ1-12811-302, and HA-420 AMM 20-13-16.
- 28002 Applied primer to refuel tube next to A/C pack in accordance with HA-420 AMM 20-13-17.
- 28003 Installed new rubber grommet between RH collector tank and fwd fuel bay in accordance with HA-420 AMM 51-21-10.

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	1	MS35489-12	GROMMETS, SYNTHETIC AND SILICONE RUBBER	NE
29001	Removed and replaced upper hydraulic reservoir quick disconnect P/N TB3005S2-6D per HA-420 AMM 20-11-10.			
	1	TB3005S2-6D	COUPLING HALF, QUICK DISCONNECT - BULKHE	NE
30001	Removed RH outboard lower tail de-ice actuator P/N HJ1-13010-512-001 S/N 00003353 and installed new actuator P/N HJ1-13010-512-001 S/N 00004694 in accordance with HA-420 AMM 30-12-14. Performed a satisfactory operational test of the ice and rain protection system in accordance with HA-420 AMM 30-10-02.			
	1	HJ1-13010-512-001	ACTUATOR, DE-ICE	NE 00004694
31001	Incorporated cockpit voice recorder/flight data recorder system (Option Code AV CV YS) FAA approved for installation within the HA-420 specifications issued under Type Certificate A00018AT. Installed electrical and structural components per Honda Aircraft Drawings HJ1-E9144-500 Rev. "J1", HJ1-E9163-010 Rev. "A", HJ1-E3131-001 Rev. "A", HJ1-15325-780 Rev. "A", and HJ1-15320-950 Rev. "G1". Performed a satisfactory operational test of the FDR/CVR system in accordance with HA-420 AMM 31-30-02. Note: ULB P/N DK120/90, S/N AT136206, Battery expiration 05/2026.			
	1	1605-01-00	VOICE/DATA RECORDER (CVR/FDR)	NE 2051
	1	3LO-453C/6	ASSY, ACCELERATION SW	NE 121662
	1	1642-110-02	REMOTE MICROPHONE AMP	NE 727
	1	16301-02	REMOTE MICROPHONE	NE 6548
32001	Removed NLG drag brace actuator fitting. Replaced o-ring and back up ring P/N MS9058-04 and MS28778-4. Re-installed NLG drag brace actuator fitting and performed a satisfactory bleed, leak and operational check of the NLG. Work performed in accordance with HA-240 AMM 20-11-10, 20-11-12, 29-00-01, and 32-00-01.			
	1	MS28778-4	O-RING, STRAIGHT THREAD TUBE FITTING BOS	NE
	1	MS9058-04	RING - BACK-UP, BOSS CONNECTION	NE
32002	Removed power brake valve P/N HJ1-13243-101-009, S/N 290 and installed new power brake valve P/N HJ1-13243-101-009, S/N 336 in accordance with HA-420 AMM 32-42-11. Performed a satisfactory bleed of the master cylinders and brake system bleed verification test (RH passed at 100%, LH passed at 98.9%) in accordance with HA-420 AMM 29-00-01. Performed a satisfactory brake pressure test and anti-skid BIT test in accordance with HA-420 AMM 32-40-01 and 34-40-02.			
	1	HJ1-13243-101-009	VALVE, POWER BRAKE AND ANTISKID	NE 336
32003	Installed new bonding wire P/N M83413/8-G004GG on RH FWD NLG door per HA-420 AMM 52-81-10.			
	1	M83413/8-G004GG	CONNECTORS AND ASSEMBLIES, ELECTRICAL, A	NE
32004	Removed RH wheel speed transducer/ MLG WOW switch harness P/N HJ1-13211-053-007 and installed new RH wheel speed transducer/ MLG WOW switch harness P/N HJ1-13211-053-007 in accordance with HA-420 AMM 32-41-17 and 32-61-11. Performed a satisfactory adjustment of RH WOW switch per HA-420-002A32411 sections 4.1 and 4.2 and HA-420 AMM 32-61-11. Performed a satisfactory functional test of the anti-skid system and operational test of the landing gear system in accordance with HA-420 AMM 32-40-02 and 32-00-01. Removed and re-installed RH wheel and tire assembly and brake assembly in accordance with HA-420 AMM 32-41-11 and 32-41-18. Performed a satisfactory bleed of brake housings in accordance with HA-420 AMM 29-00-01.			
	1	HJ1-13211-053-007	WIRING HARNESS ASSY - DRESSED GEAR ASSY,	NE
34001	Removed RH VOR antenna P/N CI 120-1-L S/N 586916 and installed new VOR antenna P/N CI 120-1-L S/N 618774 in accordance with HA-420 AMM 34-31-13. Performed a satisfactory functional test of integrated avionics computer steps 1.E.(3), (4) and (5) in accordance with HA-420 AMM 34-00-02.			
	1	AG867000-39	GASKET - NAV ANTENNA	NE
	1	CI 120-1-L	ANTENNA-BLADE	NE 618774
34002	Removed RH radar altimeter antenna P/N S67-2002 S/N 543-94483 and removed LH radar altimeter antenna P/N S67-2002 S/N 543-94482. Installed new RH radar altimeter antenna P/N S67-2002 S/N 543-77360. Installed new LH radar altimeter antenna P/N S67-2002 S/N 543-77357 in accordance with HA-420 AMM 34-41-12. Performed a satisfactory operational test of the radar altimeter system in accordance with HA-420 AMM 34-00-01.			
	1	S67-2002	ANTENNA, RADIO ALTIMETER	NE 543-77360
	2	AG723000-37	CONDUCTIVE GASKET, RAD ALT ANT	NE
	1	S67-2002	ANTENNA, RADIO ALTIMETER	NE 543-77357
34003	Troubleshoot TCAS system fail. Found transmitter power faulted on configuration page. Removed TCAS processor P/N 011-02571-00 S/N 28P008012 and installed a repaired TCAS Processor P/N 011-02571-00 S/N 28P007241 (WO# 120572530, Approval# G6XR582Y, Dated 10/Mar/2020) in accordance with HA-420 AMM 34-41-13. Performed a satisfactory functional test of the TCAS system in accordance with HA-420 AMM 34-00-02.			
	1	011-02571-00	LRU, ENHANCED TCAS PROCESSOR	RE 28P007241
35001	Installed new 02 switch bonding jumper P/N M83413/8-C003PP in accordance with HA-420 AMM 35-11-11 and 20-11-10.			
	1	M83413/8-C003PP	CONNECTORS AND ASSEMBLIES, ELECTRICAL, A	NE
51001	Removed sealant around both LH and RH cockpit side windows. Removed the protruding rub strip from the LH and RH cockpit side windows and reapplied aerodynamic sealant. Work performed per HA-420 AMM 51-21-10 and Honda Aircraft Company RM-420-56-06A. Performed a satisfactory cabin pressurization leak test with a leak rate of 18.37 SCFM in accordance with HA-420 AMM 21-30-01. Performed a satisfactory operational check of the tailcone bleed air system that was removed for pressurization per HA-420 AMM 36-00-01.			

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301458

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Revision IR 1/1/13 RSF-100

- 52001 Installed new seal P/N HJ1-15280-536-001 on LH OB gear door in accordance with HA-420 AMM 20-13-16.
1 HJ1-15280-536-001 SEAL - OUTBD DR, MLG NE
- 52002 Installed new LH OB MLG door stop land P/N HJ1-15280-537-003 in accordance with HA-420 AMM 20-13-16.
1 HJ1-15280-537-003 LAND, DOOR STOP - OUTBD DR, MLG NE
- 52003 Removed MED assist spring mandrel P/N HJ1-15260-320-011 S/N HAR00136 and installed a new MED door assist assy. P/N HJ1-15260-320-011 S/N HAR00208 in accordance with HA-420 AMM 52-11-16. Installed MED and performed adjustment of the MED in accordance with HA-420 AMM 52-11-10 and 52-10-04. Performed a satisfactory operational test of the MED in accordance with HA-420 AMM 52-10-01. Note: Assist assembly P/N HJ1-15260-320-011 contains life limited spring P/N HJ1-15260-379-003 next due replacement is 10,000 fits.
1 HJ1-15260-320-011 DOOR ASSIST ASSY - MED NE HAR00208
- 52004 Rebanded MED fwd skirt boot attachment fitting per HA-420 AMM 20-13-16.
- 53001 Removed and replaced aft service panel seal in accordance with HA-420 AMM 20-13-16.
1 HJ1-15240-415-001 SEAL-AFT SVCE PANEL NE
- 53004 Secured bracket on aft belly drain per HA-420 AMM 20-13-16.
- 56001 Removed emergency exit window seal and applied form in place gasket in accordance with Honda Aircraft Company RM-420-56-15 Rev "-" dated June 6, 2018. Performed a satisfactory cabin pressurization leak test (leak rate 18.37 SCFM) in accordance with HA-420 AMM 21-30-01.
- 56002 The Pilot's windshield has an area of delamination along the outbd edge approx. 18 in from top of windshield. The noted condition was submitted to Honda Aircraft Company Technical Support/Engineering for disposition. The delamination was found to be the non-optical zone and may continue normal flight operations in this condition per Honda Aircraft Company RM HA-420-163_8000313-2. Any further delamination must be re-submitted to Honda Aircraft Company Technical Support for further evaluation and disposition.
- 56003 Polished inside of pilots windshield in accordance with GKN Aerospace procedure for scratch removal on non-coated acrylic surfaces.
- 57001 Removed sealant around LH and RH wing navigation lights and re-applied sealant in reference to HA-420 AMM 51-21-10 and Honda Aircraft Company RM-420-57-12 Rev B.
- 57002 Applied touch up paint to LH flap mid and OB canoe fairings and repositioned canoe fairings to provide adequate clearance per HA-420 AMM 20-13-10 and 57-51-10.
- 57003 Applied touch up paint to IB and OB canoe fairings and repositioned canoe fairings to provide adequate clearance per HA-420 AMM 20-13-10 and 57-51-10.
- 72001 70-31-00-970-801 Complied with No. 1 engine performance download per HA-420 AMM 31-00-01.
- 72503 Installed original RH engine P/N HF120-H1AG04 S/N 883442 repaired by certificate # 3H9R123C on work order MO3445 dated 06/Apr/2020 in accordance with HA-420 AMM 71-00-00. Performed a satisfactory operational test of the engine in accordance with HA-420 AMM 72-00-01. Performed a satisfactory leak check of the engine per GHAE LMM 72-00-00.
1 HF120-H1AG04 PROPULSION SYSTEM, RIGHT HAND HF120 RE 883442
1 13866-200 E-SEAL NE
1 M83248/1-113 O-RING NE
1 MS9556-18 BOLT, MACHINE, DOUBLE HEXAGON NE
2 S2U-226 SEAL, O-RING NE
2 AS1895/7-125 SEAL, TYPE I AND II STANDARD AND LOW PRO NE
1 AS3582-140 PACKING, PREFORMED - O-RING SEAL NE
2 13866-100 E-SEAL NE
1 13866-175 E-SEAL NE
- 72505 70-31-00-970-801 Complied with No. 2 engine performance download per HA-420 AMM 31-00-01.

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 4 / 17 / 2020

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301438

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	498	24	377

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
Parts	Qty PN Description CD Serial

21001 Crew reported ECS FAIL CAS posted. Downloaded CMF and BAS/VCS data for Honda technical support to review. Data indicated that the high pressure sensor in the vapor cycle cooling system having a low or negative value is causing the ECS fail CAS message. Removed aft cargo liners and floorboard to access the high pressure sensor. Recovered and recharged VCS system to verifying proper charge. No defects were noted. Removed high pressure sensor P/N 1150380-2 S/N 00293 and installed a new sensor P/N 1150380-2 S/N 00305 in accordance with Enviro CMM 21-00-41 Rev. 3. Performed a satisfactory operational test of the vapor cycle cooling system per HA-420 AMM 21-50-01. No further defects were noted. Installed aft cargo liners and floorboard per HA-420 AMM 25-52-10 and 53-23-10.

1 1150380-2 DISCHARGE PRESSURE SENSOR NE 00305

25001 Upon removal of lavatory interior to gain access to download the ECS controller found vanity light assembly not attached and insulation not installed under lavatory overhead panels. Found missing insulation pushed behind vanity. Installed insulation and attachment hardware in lavatory overhead light assembly. Installed lavatory ceiling/interior panels in accordance with HA-420 AMM 25-82-10, 25-41-12, and 33-21-11.

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 2 / 11 / 2020

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

MAKE Honda
MODEL HA-420
S/N 42000163
REG NO N103JT
WORK ORDER 11707-01-2020

Aero Ways, Inc.
131 North DuPont Highway
New Castle, DE 19720 USA
Phone: 302-324-9970

DATE 2/5/2020
A/C TSN: 479.4
Landings: 360

Airframe Entries

L/H MAIN BRAKE APPROACHING WEAR LIMITS - REMOVED AND REPLACED L/H BRAKE ASSY WITH "OVERHAULED" UNIT P/N OFF: 90006366; S/N OFF: DEC18-0388; P/N ON: 90006366; S/N ON: JUL16-0226; REF. FAA FORM 8130-3 ISSUED BY MEGGITT AIRCRAFT BRAKING SYSTEMS KY CORP APPROVAL # 8DRR699C FORM TRACKING # 86262090-10300-1 DATED 20/DEC/2019, WORK PERFORMED IAW HA420 AMM 32-41-18, OPERATIONAL AND LEAK CHECKS GOOD.

R/H MAIN BRAKE APPROACHING WEAR LIMITS - REMOVED AND REPLACED RH BRAKE ASSY WITH "OVERHAULED" UNIT P/N OFF: 90006366; S/N OFF: DEC18-0388; P/N ON: 90006366; S/N ON: JUL14-0053; REF. FAA FORM 8130-3 ISSUED BY MEGGITT AIRCRAFT BRAKING SYSTEMS KY CORP APPROVAL # 8DRR699C FORM TRACKING # 86262080-10300-1 DATED 19/DEC/2019, WORK PERFORMED IAW HA420 AMM 32-41-18, OPERATIONAL AND LEAK CHECKS GOOD.

FUEL CAP LANYARD DETACHED - REATTACHED FUEL CAP LANYARD WITH NEW RIVET MS20470AD3. REF. HA420 AMM 20-13-16, DWG # HJ1-12811-302.

FLAP FAIRING 561EB/661EB HARDWARE DEGRADED - REMOVED AND REPLACED DISCREPANT HARDWARE WITH "NEW" UNITS P/N OFF/ON: NAS8703-3 ON FLAP FAIRING 561EB/661EB IAW HA420 AMM 57-51-10, SECURITY CHECKS GOOD.

#2 RADIO WEAK AND INTERMITTENT- PERFORMED GROUND TEST OF BOTH COMM TRANSCEIVERS USING THE IFR 4000 TEST SET. TRANSMITTER POWER AND RECEIVER SENSITIVITY. ALL TEST PERFORMED SATISFACTORY.

VNAV AGGRESSIVE DIVE WHEN CHANGING ALTIMETER SETTING- PERFORMED PITCH SERVO AND PITCH TRIM SERVO SPINS IAW GARMIN G3000 MM. COMPLETE GROUND TEST OF THE AUTOPILOT PERFORMED IAW HONDAJET G3000 PILOTS GUIDE. ALL TEST PERFORMED SATISFACTORY.

OPERATOR REQUESTS SWAP FORWARD LEFT SEAT BACKSHELL WITH AFT LEFT SEAT BACKSHELL - SWAPPED L/H FWD SEAT BACKSHELL WITH L/H AFT SEAT BACKSHELL (BOTH P/N'S: 3AAQ1568503) IAW B/E AEROSPACE CMM 25-25-73, SECURITY CHECKS GOOD.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 2/5/2020

SIGNED:

Tom Early, A&P 3516930

Work Order: 11707-01-2020

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Maintenance and Inspection Entries
HA-420
 Registration No. _____ S/N _____

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 445.2 Lndgs: 335 Aircraft Maintenance Record Reg. No.: N103JT Date: January 24, 2020 W/O No.: 44610 Page: 1 Hobbs: 	
			Description of Work Accomplished. ➤ Complied with 150 Hour Left and Right Main Landing Gear and Nose Landing Gear Lubrications IAW Honda Jet HA-420 MM 12-21-12. (12HA1221102) ➤ Complied with 150 Hour Operational Test of the Fire Detection and Suppression System IAW Honda Jet HA-420 MM 26-00-01. (26HA2600104) Approval for Return to Service The article(s) identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order. Authorized Signature: HARRISON KAIPAINEN Harrison Kaipainen, Inspector FAA Certificated Repair Station WD4R618M 5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	



Honda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT
WP#: WP301411
Page: 1 of 1
Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	427	48	322

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
Parts	Qty PN Description CD Serial

- 32001 Removed L/H main wheel assembly, P/N: HJ1-13240-010-001, S/N: NOV16-0336/5190C204 and installed repaired L/H main wheel assembly P/N: HJ1-13240-010-001, S/N: JUL15-0180/9165C292 (TSN-325, CSN-282) in accordance with HA-420 AMM 32-41-11. Wheel assembly repaired on WO400941 by Cert # 3HDR835B dated 07NOV2019.
- 1 HJ1-13240-010-001 TIRE AND WHEEL ASSY, MLG RE JUL15-0180/9165C292
- 32002 Removed R/H main wheel assembly, P/N: HJ1-13240-010-001, S/N: NOV16-0344/8271C060 and installed repaired R/H main wheel assembly P/N: HJ1-13240-010-001, S/N: MAY15-0150/9168C161 (TSN-325, CSN-282) in accordance with HA-420 AMM 32-41-11. Wheel assembly repaired on WO400942 by Cert # 3HDR835B dated 07NOV2019.
- 1 HJ1-13240-010-001 TIRE AND WHEEL ASSY, MLG RE MAY15-0150/9168C161

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 1 / 19 / 2020

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

MAKE: Honda
MODEL: HA-420
S/N: 42000163
REG. NO: N103JT
WORK ORDER: 11473-12-2019

ADVANCED Aero Ways, Inc.

131 North DuPont Highway
New Castle, DE 19720 USA
Phone: 302-324-9970

DATE: 12/11/2019
A/C TSN: 295.5
Landings: 190

Airframe Entries

COMPLIED WITH AIRCRAFT 150 HOUR INSPECTION ITEMS

COMPLIED WITH CAMP CODE 26HA2600104 FIRE DETECTOR AND FIRE SUPPRESSION BOTTLE INDICATIONS - FUNCTIONAL TEST

COMPLIED WITH CAMP CODE 12HA1221102 LUBRICATE NOSE, LEFT AND RIGHT MAIN LANDING GEAR

COMPLIED WITH AIRCRAFT 300 HOUR INSPECTION ITEMS

COMPLIED WITH CAMP CODE 27HA2731102 ELEVATOR TRIM TAB BACKLASH - DETAILED INSPECTION

COMPLIED WITH CAMP CODE 27HA2711102 AILERON TRIM TAB BACKLASH - DETAILED INSPECTION

COMPLIED WITH CAMP CODE 27HA2721102 RUDDER TRIM TAB BACKLASH - DETAILED INSPECTION

COMPLIED WITH CAMP CODE 25HA2563062 EMERGENCY LOCATOR TRANSMITTER - SELF-TEST

CUSTOMER REQUESTS REMOVAL AND REPLACEMENT OF GOGO WI-FI BOX - REMOVED AND REPLACED GOGO AVANCE L3 WITH "REPAIRED" UNIT P/N OFF: P34110-003; S/N OFF: 3411000300464; P/N ON: P34110-003; S/N ON: 3411000300431; REF. FAA FORM 8130-3 ISSUED BY GOG BUSINESS AVIATION LLC APPROVAL # X8CR828N FORM TRACKING # N103JT RMR FORM DATED 06/DEC/2019, CONTACTED GOGO BUSINESS AVIATION AT 1(303)301-3278 TO ACTIVATE AVANCE L3 UNIT, OPERATIONAL CHECKS GOOD.

COMPLIED WITH CAMP CODE 70-31-00-970-801 NO.1/NO.2 ENGINE - PERFORMANCE CHECK - MONITOR AND RECORD SPECIFIED DATA

OXYGEN SYSTEM REQUIRES SERVICING - SERVICED OXYGEN SYSTEM IAW HA420 AMM 12-11-13.

ENGINE OILS REQUIRE SERVICING, CUSTOMER USES MOBIL JET II. - SERVICED ENGINES WITH MOBIL JET II OIL AS FOLLOWS: L/H: 12OZS; R/H: 12OZS; WORK PERFORMED IAW GHAE HF120 LMM 79-00-00.

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 12/11/2019

SIGNED:

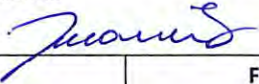
Bill Rieger, A&P: 3228360

Work Order: 11473-12-2019

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Maintenance and Inspection Entries
HA-420
Registration No. _____ S/N _____

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 154.9 Lndgs: 112  Aircraft Maintenance Record Reg. No.: N103JT Date: November 7, 2019 W/O No.: 44216 Page: 1	
			Description of Work Accomplished.	
			➤ Place aircraft on jacks. Removed Left Main Wheel Assembly P/N 900006365 S/N NOV16-0336. Disassembled, cleaned and performed visual inspection of wheel halves, no discrepancies noted. Cleaned, inspected and repacked wheel bearings as required. Assembled wheel assembly using new Tire P/N M19401 S/N 5190C204 and new O-ring P/N AS3578-266. Serviced tire with dry nitrogen and performed leak checks, no discrepancies noted. Installed Left Main Wheel Assembly. (32CA3241041). ➤ Removed Right Main Wheel Assembly P/N 900006365 S/N NOV16-0344. Disassembled, cleaned and performed visual inspection of wheel halves, no discrepancies noted. Cleaned, inspected and repacked wheel bearings as required. Assembled wheel assembly using new Tire P/N M19401 S/N 8271C060 and new O-ring P/N AS3578-266. Serviced tire with dry nitrogen and performed leak checks, no discrepancies noted. Installed Right Main Wheel Assembly. (32CA3241042). Note: NDT Inspection required on Right Wheel Assembly at Next Right Tire change. Work performed IAW Honda Aircraft Company AMM 07-11-10, 12-11-14 and 32-41-11.	
			Approval for Return to Service	
			The article(s) identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.	
			Authorized Signature:  HONDA JET SOUTHEAST Juan Zapata, Inspector FAA Certificated Repair Station WD4R618M 5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301311

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Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	154	54	112

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial
25001			Adjusted left hand bottom cabinet drawer latch per HA-420 AMM 20-11-10.	
25002			Removed cup holder on the fold down table for the side facing seat and removed existing sealant. Re-installed cup holder with new sealant in accordance with HA-420 AMM 51-21-10.	
27001			Crew reported FLAP FAIL CAS posted. Downloaded Flap Controller fault logs and routed to Honda Aircraft Company Technical Services. Technical Service reviewed logs and recommended replacement of Flap Control Lever. Removed Flap Control Lever P/N: HJ1-12750-210-005, S/N: 0182 and installed new Flap Control Lever P/N: HJ1-12750-210-005, S/N: 0048 in accordance with HA-420 AMM 27-51-21. Performed a satisfactory operational test of the Flap system in accordance with HA-420 AMM 27-50-02. No further defects noted.	
	1	HJ1-12750-210-005	SOURCE CONTROL DOCUMENT - FLAP CONTROL L	NE 0048
34001			Crew reported standby altimeter flickers. Performed a satisfactory functional test of the standby air data system multifunction probe in accordance with HA-420 AMM task 34-00-02-700-804. No flickering or other defects were noted in the standby altimeter. No further action taken at this time.	
72001			L ENG FAULT CAS posted. Troubleshoot and found the LH engine fuel filter delta pressure (FFDP) sensor faulty. Removed the LH engine FFDP P/N: 77879623 S/N: 10480378 and installed new FFDP P/N: 77879623 S/N: 10438582 in accordance with HA-420 AMM 73-11-10 and GHAE HF120 LMM Task 73-00-00-440-804. Performed a satisfactory wet motor, dry motor, engine start and leak check reference HA-420 AMM 72-00-01.	
	1	77879623	FUEL FILTER DELTA PRESSURE (FFDP) SENSOR	NE 10438582
	1	AMS-R-83248/1-023	PACKING	NE
	1	AMS-R-83248/1-010	PACKING	NE

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 11 / 04 / 2019

Signature: 

For FAA CRS 3F

SA 145.6748

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301180

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Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	5	54	5

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial

20001 Performed paint touch up of minor exterior cosmetic items per HA-420 AMM 20-13-10.

34001 Updated Nav data base and charts per Garmin G-3000 Pilots Guide 190-02308-00 Rev. B.

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 7/29/2019

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748



Maintenance and Inspection Entries

HA-420

Registration No. _____ S/N _____

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
			Make: Honda Aircraft Company LLC Model: HA-420 Serial No.: 42000163 Hours: 100.9 Lndgs: 78 Aircraft Maintenance Record Reg. No.: N103JT Date: October 17, 2019 W/O No.: 43941 Page: 1	
			Description of Work Accomplished. ➤ Performed installation of the provisions for the GoGo Business Aviation AVANCE L3 System and associated hardware in accordance with GOGO Business Aviation AVANCE L3 Installation Manual, Document No. D24733, Rev. D, dated June 29, 2018 or later revision. ➤ Avionics/Electrical aspects performed in accordance with AVANCE L3 System Upgrade Banyan DWG No. 43941-100, Revision IR, dated September 20, 2019, approved via FAA Form 8110-3 issued by Norman J. Curran DERT-510087-NM – Systems and Equipment, dated September 21, 2019. ➤ Structural aspects performed in accordance with GOGO ATG Antenna Installation (FWD) DWG No. N103JT-092319-1, Revision N/C, dated 09/23/2019 and GOGO ATG Antenna Installation (AFT) DWG No. N103JT-092319-2, Revision N/C, dated 09/23/2019, approved via FAA Form 8110-3 issued by Trevor J. Strong DERT-605818-NM – Structures, dated 09/23/2019. ➤ Complied with GoGo AVANCE L3 Equipment Installation in accordance with Strong Aero Engineering Drawing No. N103JT-092319-3 REV N/C, 09/23/2019, FAA Form 8110-3 Approved by Trevor J. Strong DERT-605818-NM, Classifications (Structures), dated 09/23/2019. ➤ Complied with Aft Pressure Bulkhead Feed Thru Installation in accordance with Strong Aero Engineering Drawing No. N103JT-092319-4 REV N/C, 09/23/2019, FAA Form 8110-3 Approved by Trevor J. Strong DERT-605818-NM, Classifications (Structures), dated 09/23/2019. ➤ Complied with activation of Liberty Partners Inc. STC No. SA11158SC. Demonstration of aircraft critical equipment and antenna systems tolerance of Radio Frequency Interference (RFI) from intentional or spurious transmissions from certain Portable Electronic Devices (PEDs) in accordance with Master Drawing List LP23-DL001, Rev. C, dated Jul 31, 2018 or later FAA-approved revision. ➤ Inserted the Liberty Partners Inc. FAA-approved Airplane Flight Manual Supplement (AFMS) for The Demonstration of Aircraft Tolerance to Radio Frequency Interference Document No. LP23-FM001, Rev. C, dated Jul 21, 2018 or later FAA-approved revision, into the Airplane Flight Manual.	
			Approval for Return to Service The article(s) identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.	
			Authorized Signature: HONDA JET SOUTHEAST Daniel S. Marinelli, Inspector FAA Certified Repair Station WD4R618M 5360 NW 20th Terrace Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612	

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301176

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	5	54	5

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken				
Parts	Qty	PN	Description	CD	Serial

- 20001 Performed minor paint touch up of exterior cosmetic items per AMM 20-13-10.
- 25001 Performed minor cabin and lavatory interior cosmetic adjustments, verified operation of LH aft cabin reading light and installed screw in aft baggage head liner per HA-420 AMM Chapter 20 and 25.
- 31001 L ENG and R ENG TLD CAS displayed following engine shut down. Downloaded CMF data and MART engine data for Honda Technical Support to review. According to Honda Technical Support and Engineering the aircraft data revealed that the engine TLD CAS messages posted were due to the loss of data from ADC 2. This was after shutdown of the #1 engine and seconds before shutdown of the #2 engine. The aircraft went into ground cooling mode uncommanded at the same time and the ground cooling fan ran momentarily with only battery voltage causing the ADC 2 to fail. Performed satisfactory engine runs with aircraft in and out of ground cooling mode in accordance with HA-420 AMM 72-00-00, with no defects noted. Honda Technical Support and Engineering do not recommend any further diagnostics or actions at this time. No further actions taken at this time.

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 7 / 22 / 2019

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748

HONDAHonda Aircraft Company, LLC
6420 Ballinger Road
Greensboro, NC 27410

Log Book Entry

Tail #: N103JT

WP#: WP301171

Page: 1 of 1

Revision IR 1/1/13 RSF-100

Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	4	48	4

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken			
Parts	Qty	PN	Description	CD Serial
3001	Complied with Honda Aircraft Company SB-420-42-005 Rev. A, Garmin Software 72.37 Installation.			
	1	010-02030-06	SD CARD G3000, HONDAJET HA-420 ELITE LDR	NE
23001	Removed #2 GMA, P/N 011-04093-00, S/N 4RK110176. Installed #2 GMA, new P/N 011-04093-00, S/N 4RK110294. Performed a satisfactory operational test of crew and VHF communication systems and functional test of the marker beacon system per HA-420 AMM 23-51-10, 23-10-01, 23-50-01, and 34-00-02.			
32001	RH main tire pressure below 80% pressure. Removed wheel and tire P/N: 90006365/M19401, S/N: NOV16-0344/6287C254 from aircraft in accordance with HA-420 AMM 32-41-11. Inspected wheel and tire assembly and found fuse plugs leaking. Disassembled wheel and tire assembly. Removed tire P/N: M19401, S/N: 6287C254. Removed fuse plugs P/N: 90005091 and installed new fuse plugs P/N: 90005091. Cleaned and lubricated bearings. Assembled wheel with new tire P/N: M19401, S/N: 8276C078 in accordance with Meggitt AP-960 CMM 32-41-46. Performed a satisfactory leak check in accordance with Meggitt AP-960 CMM 32-41-46. Installed wheel and tire assembly P/N: 90006365/M19401, S/N: NOV16-0344/8276C078 on aircraft in accordance with HA-420 AMM 32-41-11.			
	1	M19401	17.5X5.75R9/12PR	NE 8276C078
	1	AS3578-266	SEAL, O-RING	NE
	3	AS3582-007	PACKING, PREFORMED	NE
	1	AS3582-011	PACKING PREFORMED	NE
	3	90005091	PLUG FUSIBLE	NE
	1	RG-30	PACKING PREFORMED SEAL, O-RING (V8118)	NE
57001	Removed and replaced protective boot on RH taxi light per Honda Aircraft Company RM-420-57-12 Rev. B dated AUG 20 2018.			
72001	Complied with No. 1 engine performance download per Honda Aircraft HA-420 AMM 31-00-01. (Inspection code 70-31-00-970-801)			
72501	Complied with No. 2 engine performance download per Honda Aircraft HA-420 AMM 31-00-01. (Inspection code 70-31-00-970-801)			

The maintenance listed above was performed in accordance with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished. Further details are on file at the Repair Station under the above work package.

Date: 7 / 17 / 2019

Signature: 

For FAA CRS 3HDR835B/EASA.145.6748



Maintenance and Inspection Entries
HA-420
Registration No. N103JT S/N 42000163

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
27 JUN 2019	4.8	4	14 CFR § 91.207 Emergency Locator Transmitters I certify that the Emergency Locator Transmitter System (ELT) was inspected 08 JUN 2019 and tested 10 JUN 2019 as required by 14 CFR § 91.207. ELT P/N:S1851501-01, S/N LX1100814960. ELT Battery P/N: 0141823J; Battery Expiry Date 03/2025. 14 CFR § 91.411 Altimeter System and Altitude Reporting Equipment Tests and Inspections I certify that the Altimeter / Altitude reporting / Static System test(s) required by 14 CFR § 91.411 have been performed. Multi-Functional Air Data Probe (Smart Probe) P/N 2015T-1B, L/H S/N 0402 and R/H S/N 0366 tested to 43,000ft on 10 APR 2019. Standby Air Data Probe P/N 100564-100-000, S/N 1001161 tested to 43,000ft on 10 APR 2019. 14 CFR § 91.413 ATC Transponder Tests and Inspections I certify that the Garmin Transponder P/N 011-00779-21, No.1 S/N 84813459 have been tested, inspected and found to comply with the requirements of 14 CFR § 91.413 on 10 APR 2019. Engine Installs I certify that the following Engines have been installed and inspected to Honda Type Design requirements. Engine S/N 883445 installed on the L/H side and Engine S/N 883442 installed on the R/H side. Both engines have been serviced with Mobil Jet II. All Ground Leak and Function Checks were complied on 10 MAY 2019. Weight & Balance Weighed aircraft using JAWS Load Cells, type M2400-4-10CS, S/N 16-FF5C2F. Calibration due date is 31 DEC 2019. Revised weight/balance section in airframe logbook on 11 JUN 2019. Aircraft configured per Equipment List, HACI Doc. No. HA-001-00356, Rev -. Airworthiness Directives I certify that I have performed an AD Bi-weekly 2019-13 search for this aircraft including New AD's (Last 60 Days) and Emergency AD's (Last 30 Days), and found no Airworthiness Directives applicable to this aircraft, or any part thereof at this time. Design Requirements I certify the aircraft meets the design requirements of HJ1-10000-000-001, Rev. H dated 30 AUG 2016 and TC A00018AT, Rev. 7 dated 13 FEB 2019. 14 CFR § 91.409 (f)(3) Inspections In accordance with the requirements of 14 CFR § 91.409(f)(3), this aircraft must be maintained in accordance with the manufacturer's recommendations.	 Adrian Keller Honda Aircraft Company LLC, PC 348CE



Maintenance and Inspection Entries
HA-420
Registration No. N103JT S/N 42000163

DATE	TOTAL TIME	TOTAL CYCLES	DESCRIPTION OF WORK PERFORMED	AGENCY / SIGNATURE
26 Jun 2019	4.8	4	Production Flight Acceptance This airplane meets the requirements specified in HA-008-42043A, Production Flight Acceptance – Test Procedures, Model HA-420, and is airworthy. FLIGHT TEST PILOT PRINTED NAME: <u>ALAN SHEPHERD</u>	 FLIGHT TEST PILOT SIGNATURE Honda Aircraft Company LLC, PC 348CE

HONDAHonda Aircraft Company, LLC
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Release AC End Item: HA-420

Type	Model	SN	Hours	Min	Ldgs / Cys
Aircraft	HA-420	42000163	2359	24	1620

The work identified below has been accomplished in accordance with the following referenced data or as otherwise noted:

AMM Ref.: HA-420

LMM Ref.: HF120

Sequence	Action Taken
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Parts	Qty	PN	Description	CD	Serial
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3001 SB-420-27-008 Complied with Honda Aircraft Company SB-420-27-008, dated 09/30/2021, Flight Controls - Flap Pushrod Corrosion Control. Removed the LH and RH Flap pushrods. Cleaned interior of rods with acetone and applied CIC aerosol. Re-installed LH and RH flap pushrods back in original positions. Performed satisfactory adjustment of flap travel and functional test of flap travel. Work performed per SB-420-27-008 in conjunction with HA-420 AMM 27-51-15, 27-51-16, 27-50-01 and 27-50-03.

Compliance with SB-420-27-008 Step (7), Reapplication of Corrosion Inhibiting Compound (CIC) requires a special general visual inspection of each flap pushrod assembly and reapplication of CIC within 90 calendar days or 300 flight hours, whichever comes first, from 10/26/2021.

3002 SB-420-54-002 Complied with Honda Aircraft Company SB-420-54-002, dated 9/24/2021, Nacelles/Pylons - Pylon Rib 1 Inspection and Rework. Performed high frequency eddy current NDT inspections of LH and RH pylon rib 1 blend repairs per SB-420-54-002 with no defects noted at this time.

5003 Complied with 300 hour inspection items as identified in HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 601, as listed below:

27HA2711102 Detailed inspection of aileron trim tab backlash
27HA2721102 Detailed inspection of rudder trim tab backlash
27HA2731102 Detailed inspection of elevator trim tab backlash

5004 Complied with 600 hour inspection items as identified in HA-420 ALIM Rev. E1, Chapter 05-10-00, Table 601, as listed below:

12CA1211121 Take a hydraulic fluid sample MIL-PRE-87257
24CA2430122 Visual inspection of LH and RH Starter/generator P/N MG94J-1 brush
25CA2525731 Visual inspection of Passenger Seat Restraints
29CA2911171 Replace Hydraulic filters P/N 0711311-861, ACA902F815

5005 Complied with 600 hour inspection items as identified in HA-420 ALIM Rev. E1, Chapter 05-20-00, Table 601, as listed below:

21HA2130101 Perform cabin pressurization leak test
21HA0500102 Visual inspection of VCS components
21HA0500104 Visual inspection of the ECS and VCS drains
21HA2150101 Operational test of the vapor cycle system
21HA2150102 Leak test of the VCS system
21HA0500105 Visual inspection of the heat exchanger and vapor cycle systems
21HA0500106 Visual inspection of the primary and secondary outflow valves
22HA0500101 Visual inspection of the pilot and co-pilot yoke switches
22HA0500102 Visual inspection of the AFCS controller
22HA0500103 Visual inspection of the aileron, rudder, and elevator servos
22HA0500104 Visual inspection of the aileron, rudder, and elevator trim adaptors
22HA0500105 Operational test of the yaw servo
23HA0500101 Visual inspection of the cockpit communication system
23HA0500102 Visual inspection of the antenna, antenna mounts and cables
23HA0500103 Visual inspection of the ELT LRU installation
24HA0500101 Visual inspection of the cockpit side consoles and circuit breakers
24HA0500102 Visual inspection of the main battery installations
24HA0500103 Visual inspection of the PDUs, PDU circuit breakers, and electrical components
24HA0500105 Visual inspection of the power inverter
24HA0500106 Visual inspection of the external power receptacle area
24HA0500107 Visual inspection of the electrical power system components
24HA0500108 Visual inspection of the electrical power system components
24HA0500109 Visual inspection of the electrical power system components
24HA0500110 Visual inspection of the electrical power system components
24HA0500111 Visual inspection of the wiring and connections for the FADEC
25HA0500101 Visual inspection of the attaching structure and surrounding areas of cabin seats, cabinets, partitions, floorboards
25HA0500102 Visual inspection of attaching structure, surrounding areas of the crew seats, floorboards
25HA0500103 Visual inspection of the flashlight, fire extinguisher, first aid kit
25HA0500104 Visual inspection of the crew and passenger seats
25HA0500105 Visual inspection of the crew and cabin overhead panels
25HA0500106 Visual inspection of the cabinet assemblies



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25HA0500107 Visual inspection of the crew seat tracks and lugs
25HA0500108 Visual inspection of the lavatory vanity
25HA0500109 Visual inspection of the lavatory cabinets
25HA0500110 Visual inspection of the interior placards
25HA0500111 Visual inspection of the fuselage sub floor area electrical harnesses for chafing and conduit condition in wire tray
opened lipped areas and the fuselage moisture drain path
26HA2600101 Functional test of the fire detection and suppression system
26HA0500102 Visual inspection of the fire detector element for routing and connection
26HA0500103 Visual inspection of the engine nacelle electrical harness assemblies
26HA0500105 Visual inspection of the fire suppression bottle
27HA2710102 Measurement of the aileron control cable tensions and control surface travel
27HA2720101 Measurement of the rudder control cable tensions and control surface travel
27HA2730101 Measurement of the elevator control cable tensions and control surface travel
27HA2750102 Operational test of the flap system
27HA2760101 Operational test of the speed brakes
27HA0500101 Visual inspection of the wiring, and flight control cables
27HA0500102 Visual inspection of the control columns
27HA0500103 Visual inspection of the rudder pedals for general condition
27HA0500104 Visual inspection of the forward and aft rudder sectors
27HA0500105 Visual inspection of the rudder upper and lower torque tube
27HA0500106 Visual inspection of the rudder trim actuator
27HA0500107 Visual inspection of the horizontal stabilizer and attaching structure
27HA0500108 Visual inspection of the elevator, trim tab, actuator and wiring
27HA0500109 Visual inspection of the elevator bellcrank stops, bolts and bearings
27HA0500110 Visual inspection of elevator torque tubes bearings and actuating rods
27HA0500111 Visual inspection of flight control cables, pulleys, sectors, bearings, and pushrods
27HA0500112 Visual inspection of the aileron trim system
27HA0500113 Visual inspection of the flaps and flap actuators
27HA0500114 Visual inspection of the rear spar and attached wire bundles and electrical connectors
27HA0500115 Visual inspection of the speed brake equipment and attaching hardware (optional equipment)
27HA0500116 Visual inspection of the tail cone area and speed brake panels with the speed brake opened (optional
equipment)
28HA0500101 Visual inspection of the fuel drains and vent system (external)
28HA0500102 Visual inspection of the fuel placards
28HA0500103 Visual inspection of the fuel lines in the pylon
28HA0500104 Visual inspection of the electric boost pump controller
28HA0500107 Visual inspection of the refuel tube, refuel housing, refuel port and bonding strap
28HA0500108 Visual inspection of the vent line from the refuel housing to the fuselage tank
29HA0500101 Visual inspection of the hydraulic module and reservoir
29HA0500102 Visual inspection of the accumulators and plumbing
29HA0500103 Visual inspection of the hydraulic pump
29HA0500105 Visual inspection of all hydraulic plumbing
29HA0500106 Visual inspection of the hydraulic module and reservoir area electrical harnesses and conduit
30HA3010105 Operational test of the wing ice protection system
30HA3040103 Functional test of the windshield heat control system
30HA3020101 Operational test of the engine inlet ice protection system
30HA3080101 Operational test of the ice detector system
30HA3010102 Operational test of horizontal tail ice protection system
30HA0500101 Visual inspection of all ice and rain protection tubing, couplings, sensors, and clamps
30HA0500102 Visual inspection of the wing anti-ice system components
30HA0500103 Visual inspection of the horizontal tail ice protection system
31HA0500101 Visual inspection of the instrument panel, instruments, and pedestal equipment
31HA0500102 Visual inspection CVR/FDR
32HA3250102 Functional test of the nosewheel steering system
32HA3240101 Functional test of the brake pressure
32HA0500101 Visual inspection of the nose steering system
32HA0500102 Visual inspection of the nose landing gear structure (trunnion)
32HA0500103 Visual inspection of the NLG shock absorber
32HA0500104 Visual inspection of the NLG gear uplock assembly
32HA0500105 Visual inspection of the NLG Weight-on-Wheels switch
32HA0500106 Visual inspection of the NLG drag brace actuator and MLG side brace actuators
32HA0500107 Visual inspection of the master cylinders
32HA0500108 Visual inspection of the MLG weight-on-wheels switch
32HA0500109 Visual inspection of the MLG shock absorber
32HA0500110 Visual inspection of the MLG inboard door actuators
32HA0500112 Visual inspection of the MLG and NLG area electrical harnesses and conduits
33HA3300101 Operational test of the interior lights
33HA3300102 Operational test of the exterior lights
33HA0500101 Visual inspection of the cockpit overhead lights
33HA0500102 Visual inspection of the cabin overhead, entry, lavatory lights and lenses
33HA0500103 Visual inspection of the landing/taxi lights and lenses
33HA0500104 Visual inspection of the position lights, beacon and lenses



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33HA0500105 Visual inspection of the logo and wing inspection lights
34HA3400101 Functional test of the integrated avionics computer
34HA0500101 Visual inspection of the navigation system antennas
34HA0500102 Visual inspection of the navigation system equipment and racks
35HA3500106 Functional test of the crew and passenger oxygen
35HA3500107 Leak test of the crew and passenger oxygen system
35HA3500108 Functional test of the oxygen low pressure switch
35HA0500106 Visual inspection of the oxygen system in the nose to include the bottle, tubes, regulators and gauges
35HA0500102 Visual inspection of the crew smoke goggles
35HA0500103 Visual inspection of the crew oxygen masks and seals
35HA0500104 Visual inspection of the cabin oxygen masks and lanyards
35HA0500105 Visual inspection of the cabin oxygen system
36HA3600102 Operational test of the pneumatic system
36HA0500101 Visual inspection of the pneumatic and engine bleed air system lines, valves and ducts
36HA0500102 Visual inspection of the ground cooling fan and duct
36HA0500103 Visual inspection of the bleed air leak detection system
36HA0500104 Inspection of the cabin check valves
38HA3800101 Operational test of the water system
38HA0500101 Visual inspection of the toilet's external servicing plumbing
38HA0500102 Visual inspection of the toilet's internal servicing plumbing
38HA0500103 Check under floor boards for leaks in the lavatory area
38HA0500104 Visual inspection of the vanity water system
38HA0500105 Visual inspection of the fill adaptor and cap
52HA5220101 Functional test of the emergency exit door latch handle
52HA5210102 Functional test of the main entry door latch/lock handle
52HA5210101 Operational test of the main entry door
52HA5230101 Functional test of the forward baggage door
52HA1221101 Lubricate the fuselage doors (main entry & emergency exit)
52HA0500101 Visual inspection of main entry door and emergency exit door, stops, posts, hinges, bayonets and latches
52HA0500103 Visual inspection of main entry door and emergency exit door O-rings and seals
52HA0500104 Visual inspection of the emergency exit door
52HA0500105 Visual inspection of the main entry door latch mechanism and bayonets. Inspect the six bleed holes in the Main Entry Door (MED) ring frame (inner) common to the pressure seal base
52HA0500106 Visual inspection of the main entry door lower hinge attachment
52HA0500107 Visual inspection of the aft baggage door seal and bleed holes shall be open
52HA0500108 Visual inspection of the aft baggage door latches and hinges
52HA0500109 Visual inspection of the nose gear doors, hardware, and actuation mechanism
52HA0500110 Visual inspection of the main gear doors, hardware and actuators
52HA0500112 Visual inspection of the service door lands, latches, hinges and centering devices
52HA0500114 Main landing gear inboard door pre-load check
52HA0500115 Functional test of the JT connector access doors (433BR, 443BL)
53HA0500101 Visual inspection of the radome and drain holes
53HA0500102 Visual inspection of the radome lightning diverter strips
53HA0500103 Visual inspection of the forward/aft pressure bulkheads
53HA0500104 Visual inspection of fuselage stringers, inner skin and floor structure
53HA0500105 Visual inspection of the fuselage fairings and drain holes
53HA0500106 Visual inspection of the wing attach area
53HA0500107 Visual inspection of the tail cone at FS 415 and aft
53HA0500108 Visual inspection of the fuselage exterior skin
53HA0500109 Visual inspection of the fuselage bilge drains
53HA0500110 Visual inspection of the aft service bay hydraulic system, environmental system; flight controls systems and electrical equipment, wire connections
54HA0500102 Visual inspection of the fire seals, forward and aft firewalls, pylon firewall and forward pylon firewall blanket. Ensure gap in seal just aft of starter/generator vent is open
54HA0500103 Visual inspection of the pylon and firewall drain lines, drains and vents
54HA0500104 Visual inspection of the precooler outlet ducts
54HA0500105 Visual inspection of the interior and exterior areas of pylon
54HA0500106 Visual inspection of the pylon attachment points
54HA0500107 Visual inspection of the pylon wire harnesses
55HA0500101 Visual inspection of the vertical stabilizer, attachments to the stabilizer, spars, bulkheads, frames, fairing, and fittings
55HA0500102 Visual inspection of the elevator assembly including trim tab, elevator and attaching parts
55HA0500103 Visual inspection of the rudder assembly including trim tab and attaching parts
56HA0500101 Visual inspection of the cockpit windshields
56HA0500102 Visual inspection of the windshields and frames
56HA0500103 Visual inspection of the cabin windows
57HA0500101 Visual inspection of the skin, rivets, drains, and attachments on the wing (external)
57HA0500103 Visual inspection of the flap fairings and drain holes
57HA0500104 Visual inspection of the wing leading edge (external)
57HA0500105 Visual inspection of the wing inspection panels and upper trailing edge skins (external)
57HA0500107 Visual inspection of the flap assembly including vanes and flap attaching parts
57HA0500108 Visual inspection of the aileron assembly including trim tab and attaching parts



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57HA0500109 Visual inspection of the exterior placards
57HA0500110 Visual inspection of the wing dry bay electrical harnesses
57HA0500111 Visual inspection of the main landing gear wheel well skin, spars and ribs
57HA0500112 Visual inspection of the wing vortex generators and bumps
57HA0500113 Visual inspection of the winglet and drain holes
71HA0500101 Visual inspection of the engine vibration isolators
72HA0500101 Visual inspection of the nacelle/cowling area, skins, doors, latches and fasteners
72HA0500102 Visual inspection of the engine inlet and inlet lip, liner, and liner drains

5006 Complied with 600 hour inspection items as identified in HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 601, as listed below:

23HA2350101 Operational test of crew communication system oxygen microphone and switches
24HA2400101 Operational test of electrical power system cabin power switch and bus tie contactor
26HA0500101 Visual inspection of fire suppression nozzle
28HA2840101 Operational test fuel indicating system fuel quantity signal conditioner
28HA0500105 Detailed inspection of surge tank float switch
29HA2900107 Functional test of hydraulic power system
30HA3040101 Functional test of windshield temperature sensing system
30HA3020102 Functional test of bleed air leak detection system over temperature switch
30HA3010103 Operational test wing ice protection system (WAIV high flow solenoid)
32HA3240102 Functional test of landing gear latent failures, digital anti-skid control unit (DACU) annunciation
32HA3200103 Functional test of emergency extension system & nose landing gear uplock
34HA3410106 Functional test of standby air data system
34HA3400104 Functional test of traffic collision avoidance system
35HA3500101 Functional test of passenger oxygen system (General)
35HA3500102 Functional test of passenger oxygen system (Oxygen service panel leak, with cap removed at service panel)
35HA0500101 Visual inspection of passenger oxygen system (Broken filler cap)
35HA3500103 Functional test of passenger oxygen system (Low pressure erroneous indication)
36HA3600101 Operational test of manifold temperature sensor
51HA5180101 Functional test of electrical power bonding and grounding procedure
52HA5210103 Functional test of main entry door warning system including switches
52HA0500111 Visual inspection of vent path from the forward baggage area to the nose landing gear bay and radome and under floor area
52HA0500113 Detailed inspection of main entry door lower hinge pin

5007 Complied with 1200 hour inspection items identified in HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 603, as listed below:

32CA3232001 Replace left main landing gear inboard door extension restrictor fitting
32CA3232002 Replace right main landing gear inboard door extension restrictor fitting
32CA3232003 Replace left main landing gear inboard door retraction restrictor fitting
32CA3232004 Replace right main landing gear inboard door retraction restrictor fitting

1	HJ1-13232-001-001	RESTRICTOR, MLG INBD - EXT, LG CONTROL S	NE 0535
1	HJ1-13232-001-001	RESTRICTOR, MLG INBD - EXT, LG CONTROL S	NE 0530
1	HJ1-13232-002-001	RESTRICTOR, MLG INBD - RET, LG CONTROL S	NE 0532
1	HJ1-13232-002-001	RESTRICTOR, MLG INBD - RET, LG CONTROL S	NE 0534

5008 Complied with 2400 hour inspection items as identified in HA-420 ALIM Rev. E1, Chapter 05-10-00, Table 601, as listed below:

21CA2131117 Replace secondary outflow valve filter

5009 Complied with 2400 hour inspection items as identified in HA-420 ALIM Rev E1, Chapter 05-20-00, Table 602, as listed below:

-21HA2130103 Functional test of the cabin pressurization and control system
-28HA2800103 Operational test of the fuel distribution system
-20HA2031102 Visual inspection of the wing fuel tank internal components
-05HA2031102 Visual inspection of the internal wing fuel tank sealant

5010 Complied with 2400 hour inspection items as identified in HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 601, as listed below:

05HA0500102 Visual inspection of fuel tank internal system vent valves, vent drains, fuel quantity probes and all wire harnesses
28HA2800104 Functional test of the fuel system vent valves and vent drains

5011 36CA3611261 Complied with the 2400 hour replacement of the LH NPRSOV as identified in HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 603. Removed NPRSOV P/N HJ1-13607-701-009, S/N 0354 and installed new NPRSOV P/N HJ1-13607-701-009, S/N 1509 in accordance with HA-420 AMM 36-11-26. Performed a satisfactory pneumatic system ops check and leak check of the LH NPRSOV in accordance with HA-420 AMM 36-00-01.

1	HJ1-13607-701-009	VALVE, NACELLE PRESSURE REGULATING SHUT-	NE 1509
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5012 21CA2131113 Complied with the 2400 hour replacement of the Primary Outflow Valve as identified in HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 603. Removed the Primary Outflow Valve P/N HJ1-12130-301-015, S/N 1207A and installed overhauled Primary Outflow Valve P/N HJ1-12130-301-015, S/N 0117A (CRS# A34R423J; WO:1101648; Dated 19 MAY 2021) in accordance with HA-420 AMM 21-31-11. Performed a functional test of cabin pressurization control system in accordance with HA-420 AMM 21-30-02-700-801.



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HRS: 369 CYCLES: 199

1 HJ1-12130-301-015 OUTFLOW VALVE ASSY, PRIMARY OH 0117A

5013 36CA3611262 Complied with the 2400 hour replacement of the RH NPRSOV as identified in HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 603. Removed RH NPRSOV P/N HJ1-13607-701-009, S/N 0353 and installed new NPRSOV P/N HJ1-13607-701-009, S/N 1508 in accordance with HA-420 AMM 36-11-21. Performed a satisfactory operational and leak check in accordance with HA-420 AMM 36-00-01.

1 HJ1-13607-701-009 VALVE, NACELLE PRESSURE REGULATING SHUT- NE 1508

5014 21CA2131115 Complied with the 2400 hour replacement of the Secondary Outflow Valve as identified in HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 603. Removed the Secondary Outflow Valve P/N HJ1-12130-310-003, S/N 1170 and installed repaired Secondary Outflow Valve P/N HJ1-12130-310-003, S/N 1163 (CRS# A34R423J; WO:1101648; Dated 17 AUG 2021) in accordance with HA-420 AMM 21-31-12. Performed a functional test of cabin pressurization control system in accordance with HA-420 AMM 21-30-02-700-801.
HRS: 87.3 CYCLES: 77

1 HJ1-12130-310-003 OUTFLOW VALVE ASSEMBLY, SECONDARY RE 1163

5015 26HA2600101A Complied with 2500 hour functional heat check of the fire detector element on the LH engine in accordance with HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 603 and Honda Aircraft Company Repair Memo HA-420-0_8000581 dated 19 August 2021 and Meggitt CMM 26-10-60.

5016 26HA2600101A Complied with 2500 hour functional heat check of the fire detector element on the RH engine in accordance with HA-420 ALIM Rev. E1, Chapter 05-60-00, Table 603 and Honda Aircraft Company Repair Memo HA-420-0_8000581 dated 19 August 2021 and Meggitt CMM 26-10-60.

8001 Performed aircraft weight and balance and updated the aircraft weight and balance report in accordance with HA-420 AMM 08-11-10. New basic empty weight is 7197.2 and 37.78% MAC.

20001 Removed and installed all required interior and exterior panels in accordance with HA-420 AMM 20-11-10. Performed satisfactory operational checks of interior and exterior panels per HA-420 AMM chapter 25 and 33. Performed satisfactory operational test of the pneumatic system in accordance with HA-420 AMM 36-00-01.

20003 Repainted LH and RH winglets in accordance with HA-420 AMM 20-13-10. Performed satisfactory DFT thickness checks on the LH and RH winglets in accordance with HA-420 ALIM 05-60-00.

20014 Prepped and painted LH and RH windshield retainers in accordance with HA-420 AMM 20-13-10.

21001 Removed CDM P/N HJ1-12151-410-007, S/N 00286 and receiver dryer P/N HJ1-13602-512-001, S/N 0317. Replaced compressor drive module with repaired unit P/N HJ1-12151-410-007, S/N 00324 (Ref. WO# WW218622, by CRS# BD2R712K on 19/OCT/2021). Replaced receiver dryer assembly with a new P/N HJ1-13602-512-001, S/N 00409. Performed a satisfactory leak test of vapor cycle system. Serviced and performed a satisfactory operational test of the vapor cycle system. All work done in accordance with HA-420 AMM 21-51-10, 21-50-01 and Enviro Systems Incorporated CMM 21-00-41. Times: 704.2 Cycles: 447

1 HJ1-12151-410-007 ASSEMBLY, COMPRESSOR DRIVE MODULE RE 00324
1 1150230-1 RECEIVER DRYER ASSY NE 00409

23001 Removed and installed new Pilots and co-pilots glareshield push to talk switches, P/N B807125-501, Ref: C&D ZODIAC DWG D532201-535 Rev. NC. Performed a satisfactory operational test of the Pilot Co-Pilot Glare-shield PTT switches in accordance with HA-420 AMM Task 23-10-01-700-801 Steps 1.D.(2).(V)&(W).

24001 24CA2430013 Complied with the No. 2 Main ship (Lead Acid) battery capacity check per Concorde Battery Corporation CMM 24-30-71 Rev. Q. Battery P/N RG-390ES, S/N 41090954 failed capacity test. Removed Battery P/N RG-390ES, S/N 41090954 and installed new battery P/N RG-390ES, S/N 41176957 per HA-420 AMM 24-31-11. Performed a satisfactory battery power test per HA-420 AMM task 24-00-02.

1 RG-390ES BATTERY, VRSLA, 24 VOLT NE 41176957

25001 25HA2563062 Complied with the 6 Month ELT self-test per HA-420 ALIM 05-10-00 Rev. E1 and AMM 25-60-01.

27001 Adjusted aileron fuselage cable tensions and LH & RH wing cable tensions to nominal range in accordance with HA-420 AMM 27-10-01. Performed satisfactory operational test of aileron control system in accordance with HA-420 AMM 27-00-01.

27002 Removed, inspected, lubricated and reinstalled hardware for the LH and RH Outboard, Mid, and Inboard flap swing arms to flap arm assembly and flap control adjustable link to flap arm assembly in accordance with HA-420 AMM 27-51-19 and 27-51-20. Performed a satisfactory flap control surface travel and operational test in accordance with HA-420 AMM 27-50-01 and 27-00-01.

27003 Adjusted rudder control cables and servo cables to nominal tensions and performed satisfactory operational test of the rudder control system in accordance with HA-420 AMM 27-20-01 and 27-00-01.

27004 Adjusted elevator control cables and servo cables to nominal tension in accordance with HA-420 AMM 27-30-01. Performed satisfactory operational test of the elevator control system in accordance with HA-420 AMM 27-00-01.

30001 Removed 2 (EA) LH tail deice actuators P/N HJ1-13010-512-001, S/N 0003583 and 00002622 and installed 2 (EA) new LH tail deice actuators P/N HJ1-13010-512-001, S/N 00004731 and 00004743 on LH horizontal stabilizer in accordance with HA-420 AMM 30-12-14. Performed a satisfactory operational test of the horizontal ice protection system in accordance with HA-420 AMM 30-10-02.

1 HJ1-13010-512-001 ACTUATOR, DE-ICE NE 00004743
1 HJ1-13010-512-001 ACTUATOR, DE-ICE NE 00004731



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- 32001 Removed LH MLG wheel assembly P/N HJ1-13240-010-003, S/N MAR20-0569/0504B157. Removed LH tire P/N M19402, S/N 0504B157, disassembled, cleaned and inspected wheel assembly. Re-packed bearings and installed new data plate P/N 5003859. Installed new tire P/N M19402, S/N 1155B249 and performed a satisfactory leak check in accordance with Meggitt AP-960 CMM 32-41-46. Installed Wheel assembly P/N HJ1-13240-010-003, S/N MAR20-0569/1155B249 in accordance with HA-420 AMM 32-41-11.
- 1 M19402 17.5X5.75R9-12PR-190MPH NE 1155B249
- 32002 Removed RH MLG wheel assembly P/N HJ1-13240-010-003, S/N MAR20-0574/0307B083. Removed RH tire P/N M19402, S/N 0307B083, disassembled, cleaned and inspected wheel assembly. Re-packed bearings. Installed new tire P/N M19402, S/N 1159B065 and performed a satisfactory leak check in accordance with Meggitt AP-960 CMM 32-41-46. Installed wheel assembly P/N HJ1-13240-010-003, S/N MAR20-0574/1159B065 in accordance with HA-420 AMM 32-41-11.
- 1 M19402 17.5X5.75R9-12PR-190MPH NE 1159B065
- 32003 Replaced left and right MLG position switch locking clips P/N 15PA107 in accordance with HA-420 AMM 32-61-10.
- 32004 Removed LH MLG inboard door. Removed and installed new bushings (P/N NAS75C8A016, HJ1-15280-606-001 and HJ1-15280-606-003) for the LH MLG inboard door actuator attach point. Re-installed LH MLG inboard door. All work done in reference to HA-420 AMM 52-82-10 and 20-12-15. Adjusted the LH MLG inboard door and performed a satisfactory check of LH MLG inboard door pre-load test in accordance with HA-420 AMM 52-80-01.
- 32005 Removed RH MLG inboard door. Removed and installed new bushings (P/N NAS75C8A016, HJ1-15280-606-001 and HJ1-15280-606-003) for the RH MLG inboard door actuator attach point. Re-installed RH MLG inboard door. Removed and installed new RH inboard door bonding wire P/N M83413/8-G007GG. All work done in reference to HA-420 AMM 52-82-10 and 20-12-15. Adjusted the RH MLG inboard door and performed a satisfactory check of RH MLG inboard door pre-load test in accordance with HA-420 AMM 52-80-01.
- 32006 Installed new bumper pad P/N HJ1-13222-074-001 on lower nose gear torque link in accordance with HA-420 AMM 51-21-10.
- 32007 Removed NLG retract actuator P/N HJ1-13233-200-019, S/N SPP0190. Installed new NLG retract actuator P/N HJ1-13233-200-019, S/N SPP0253 in accordance with HA-420 AMM 32-31-10. Performed satisfactory Hyd. PWR system bleed procedure per HA-420 AMM 29-00-01. Performed satisfactory NLG rigging procedure per HA-420 AMM 32-00-03. Performed satisfactory Operational check of landing gear in accordance with HA-420 AMM 32-00-01.
- 1 HJ1-13233-200-019 DRAG BRACE ACTUATOR ASSY - NLG NE SPP0253
- 32008 Removed and installed 3 new fuse plugs, P/N 90005091, from LH wheel assembly P/N HJ1-13240-010-003, S/N MAR20-0569. Removed and installed 3 new fuse plugs, P/N 90005091, from RH wheel assembly P/N HJ1-13240-010-003, S/N MAR20-0574. All work performed in accordance with Meggitt Aircraft Braking Systems CMM 32-41-46.
- 32009 Adjusted LH and RH MLG side brace actuators in accordance with HA-420 AMM 32-00-03. Performed bleed procedure of the left and right main landing gear side brace actuators. Performed a satisfactory functional test of the landing gear emergency extension system in accordance with HA-420 AMM 32-00-02. Performed a satisfactory operational test of the landing gear in accordance with HA-420 AMM 32-00-01.
- 34001 Removed LH VOR antenna P/N CI 120-1-L, S/N 601382 and installed a new LH Gasket P/N AG867000-39 and VOR antenna P/N CI 120-1-L, S/N 631108 in accordance with HA-420 AMM 34-31-13. Performed a satisfactory functional test of the integrated avionics computer in accordance with HA-420 AMM 34-00-02.
- 1 CI 120-1-L ANTENNA-BLADE NE 631108
- 34002 Removed RH Radar Altimeter Antenna P/N S67-2002, S/N 543-77357 and installed new RH Altimeter Antenna P/N S67-2002, S/N 543-101031 in accordance with HA-420 AMM 34-41-12. Performed satisfactory operational test of the Radar Altimeter System in accordance with HA-420 AMM 34-00-01.
- 38001 Removed macerator pump P/N 5300-1H, S/N M6576 and installed new macerator pump P/N 5300-1H, S/N M7076. Work completed in accordance with Clean Flush operator's manual Rev. C and HA-420 AMM 12-11-16. Performed satisfactory operational check of macerator pump via servicing and de-servicing toilet in accordance with HA-420 AMM 12-11-16.
- 1 5300-1H MACERATOR NE M7076
- 52001 Removed all aircraft door locks P/N HJ1-M5200-050-G01 and installed customer supplied locks P/N HJ1-M5200-050-G01 in reference to HA-420 AMM 52-31-12 and 52-32-11.
- 52002 Removed and replaced aft equipment bay access panel seal with new seals P/N HJ1-15240-415-003, HJ1-15240-415-005 (2), and HJ1-15240-415-007 in accordance with HA-420 AMM 20-13-16.
- 52003 Removed and replaced Aft equipment door hardware in accordance with HA-420 AMM 20-12-11.
- 52004 Removed and replaced MED FWD and AFT striker plates from middle receptacles and installed new striker plates P/N HJ1-15210-792-005 in accordance with HA-420 AMM 20-11-10 and Honda Aircraft Company DWG HJ1-15210-550-003 Rev T2. Verified .010" min MED forward and aft bayonet clearance at middle receptacles to striker plates per Honda Aircraft Company DWG HJ1-15210-550-003 Rev T2.
- 52005 Removed and installed new RH outboard MLG door seal P/N HJ1-15280-536-001 in accordance with HA-420 AMM 20-13-16.
- 52006 Removed and replaced MED upper latch FWD and AFT receptacle bushing sleeve P/N M81934/1-07C011 in accordance with HA-420 AMM 20-12-15.
- 52007 Adjusted all 4 nose baggage door latches and performed functional test in accordance with HA-420 AMM 52-30-02.
- 52008 Removed and replaced NLG aft new door seal P/N HJ1-15280-405-001 in accordance with HA-420 AMM 20-13-16.



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- 53001** Removed and installed new external power door seal P/N HJ1-15242-356-009 in accordance with HA-420 AMM 20-13-16.
- 54001** Removed and installed new LH and RH boat tail shear pin fittings, P/N HJ1-15423-132-001 in accordance with HA420 AMM 20-12-11. Removed and installed new LH nacelle bracket assembly, P/N HJ1-15422-213-001 in accordance with HA-420 AMM 20-12-11. Removed and installed new RH nacelle bracket assembly, P/N HJ1-15422-213-002 in accordance with HA-420 AMM 20-12-11.
- 56001** Removed sealant around LH and RH cockpit side windows. Removed bulging seal and applied new aerodynamic sealant around LH and RH cockpit side windows. Performed satisfactory cabin pressurization leak check with a leak rate of 19.06 SCFM at 8 psi. Performed satisfactory leak check of the tail cone bleed air duct. Work completed in accordance with HA-420 AMM 21-30-01, 36-00-01 and Honda Aircraft Company Repair Memo RM-420-56-06A dated 11 MAY 2017.
- 56002** Reattached protruding LH windshield weather strip in accordance with Repair Memo HA-420-0_8000603, Dated 09/07-2021.
- 56003** Blended out small chip on the inside surface of the pilot side window and verified the remaining thickness of the inner ply is greater than 0.135" in accordance with Honda Repair Memo HA-420-163_8000623-1 dated 26 October 2021.
- 57002** Removed corrosion, treated and applied primer to wing fuel panels as required in accordance with Honda Aircraft Company Repair Memo HA-420163_8000611-1 dated 14 October 2021. Performed satisfactory thickness measurements of all the effected fuel panels using the ultrasonic method in reference to HACI I 13-6-4006 Rev. -1.
- 72001** Removed LH engine HJ1-17201-120-003, S/N 883445 and components. Installed inspected LH engine HF-120-H1A, S/N 883101 (WO47030, Cert. WD4R618M, Dated June 28, 2021) and components in accordance with HA-420 AMM 71-00-00. Additional engine components:

Installed ECU P/N 4JQT4-34100-Q0A-B000, S/N CGW0051K in accordance with HA-420 AMM 76-11-10- and GHAE LMM 73-00-00.
Installed vibration detection box P/N 4JQT4-2496M08P03, S/N VBR00733 in accordance with HA-420 AMM 77-31-10.
Installed vibration detector system accelerometer P/N 4JQT4-2496M05P01, S/N VBRDD016 in accordance with HA-420 AMM 77-31-12 and GHAE LMM 73-00-00.
Installed engine inlet sensor P/N 35070-Q0A-B000, S/N GJAW8458 in accordance with HA-420 AMM 77-14-10 and GHAE LMM 73-00-00.
Performed a satisfactory operational test of the LH engine in accordance with HA-420 AMM 72-00-01.
LH Engine TSN: 1019.6 CSN: 1609.0

1 HJ1-17201-120-003 ENGINE, HF120 LH IN 883101

- 72003** Removed LH engine fuel supply line P/N HJ1-12821-124-001, S/N B7738 and installed new fuel line P/N HJ1-12821-124-001, S/N A2615 in accordance with HA-420 AMM 73-21-10. Performed a satisfactory leak test in accordance with HA-420 AMM 71-00-00.

1 HJ1-12821-124-001 HOSE ASSY, FUEL FEED, LH ENGINE NE A2615

- 72004** Removed additional items as request by GHAE from LH engine and pylon for engine overhaul, as listed below:

Removed ECU P/N 4JQT4-34100-Q0A-B000, S/N CGW0428K in accordance with HA-420 AMM 76-11-10 and GHAE LMM 73-00-00.
Removed vibration detection box P/N 4JQT4-2496M08P03, S/N VBR01325 in accordance with HA-420 AMM 77-31-10.
Removed vibration detector system accelerometer P/N 4JQT4-2496M05P01, S/N VBRDD362 in accordance with HA-420 AMM 77-31-12 and GHAE LMM 73-00-00.
Removed engine inlet sensor P/N 35070-Q0A-B000, S/N GJBC6209 in accordance with HA-420 AMM 77-14-10 and GHAE LMM 73-00-00.

- 72005** Removed LH engine aft outboard mount bolt P/N NAS6706DU20 and installed new LH engine aft outboard mount bolt P/N NAS6706DU20 in accordance with HA-420 AMM 71-00-00.
- 72006** Removed and installed new LH starter fan bleed elbow P/N HJ1-17520-120-005 in accordance with HA-420 AMM 24-31-13.
- 72501** Removed RH engine HJ1-17201-120-003, S/N 883442 and components. Installed repaired RH engine P/N: HJ1-17201-120-004, S/N: 883220 (WO M05367, Cert. 3H9R123C, Dated July 09, 2021) and components in accordance with HA-420 AMM 71-00-00. Additional engine components:

Installed ECU P/N 4JQT4-34100-Q0A-B000, S/N CGW0101K in accordance with HA-420 AMM 76-11-10 and GHAE LMM 73-00-00.
Installed vibration detection box P/N 4JQT4-2496M08P03, S/N VBR00797 in accordance with HA-420 AMM 77-31-10.
Installed vibration detector system accelerometer P/N 4JQT4-2496M05P01, S/N VBRDD012 IAW HA-420 AMM 77-31-12 and GHAE LMM 73-00-00.
Installed engine inlet sensor P/N 35070-Q0A-B000, S/N GJB59142 in accordance with HA-420 AMM 77-14-10 and GHAE LMM 73-00-00.
Performed satisfactory operational test of the RH engine in accordance with HA-420 AMM 72-00-01.
RH Engine TSN: 71.5 CSN: 48.0

1 HJ1-17201-120-004 ENGINE, HF120 RH RE 883220

- 72504** Removed additional items as request by GHAE from RH engine and pylon for engine overhaul as listed below:

Removed ECU P/N 4JQT4-34100-Q0A-B000, S/N CGW0430K in accordance HA-420 AMM 76-11-10 and GHAE LMM 73-00-00.
Removed vibration detection box P/N 4JQT4-2496M08P03, S/N VBR01322 in accordance with HA-420 AMM 77-31-10.



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Removed vibration detector system accelerometer P/N 4JQT4-2496M05P01, S/N VBRDD359 in accordance with HA-420 AMM 77-31-12 and GHAE LMM 73-00-00.

Removed engine inlet sensor P/N 35070-Q0A-B000, S/N GTBC6205 in accordance with HA-420 AMM 77-14-10 and GHAE LMM 73-00-00.

73501 Removed RH engine fuel hose assy P/N HJ1-12821-132-001 and fitting AS5406J12H. Installed new fuel hose assy P/N HJ1-12821-132-001 S/N D1106, fitting P/N AS5406J12H and nut fitting P/N AS5178J12 in accordance with HA-420 AMM 73-21-10 and 20-11-10. Performed a satisfactory operation and leak check of fuel hose assy in accordance with HA-420 72-00-01.

1 HJ1-12821-132-001

HOSE ASSY, FUEL FEED, RH ENGINE

NE D1106

I certify that this aircraft was serviced and/or inspected in accordance with Protocom Aviation LLC, dba Jet It Flight Operations General Operations Manual, 91.409 (f)(3), FAR 135.411(a)(1), and was found to be in an airworthy condition and is returned to service for work performed.

Date: 11 / 2 / 2021

Signature:

Rodney Rattiff

For FAA CRS 3HDR835B/EASA.145.6748