



U.S. Department of Transportation
Federal Aviation Administration
Washington, DC

Master Minimum Equipment List (MMEL)

Revision: 3
Date: XX/XX/XXXX

Honda Aircraft Company HA-420

****Two-Part MMEL****
**** FOR 14 CFR PARTS 91, 125, and 135 OPERATIONS ONLY ****

Flight Operations Evaluation Board (FOEB)

Approved by the Aircraft Evaluation Division
Federal Aviation Administration (FAA)
General Aviation Branch
AFS-100
800 Independence Avenue, S.W.
Washington, DC 20591

AED Email: 9-AVS-AFS-100@faa.gov

REVISION NO. 3

PAGE NO. I

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE OF CONTENTS AND CONTROL PAGE

SYSTEM NO.	SYSTEM	PAGE NO.	REV NO.	DATE
--	Cover Page	--	3	XX/XX/XXXX
--	Table of Contents and Control Page	I	3	XX/XX/XXXX
--	Log of Revisions	II	3	XX/XX/XXXX
--	Highlights of Change	III thru VI	3	XX/XX/XXXX
--	Definitions	VII	3	XX/XX/XXXX
--	Preamble	VIII	3	XX/XX/XXXX
--	Guidelines for (M) and (O) Procedures	IX	3	XX/XX/XXXX
Section One	Line Replaceable Unit (LRU) Component Relief	1-1	3	XX/XX/XXXX
21	Air Conditioning	21-1 thru 2	3	XX/XX/XXXX
22	Autoflight	22-1	3	XX/XX/XXXX
23	Communications	23-1 thru 4	3	XX/XX/XXXX
24	Electrical Power	24-1	2	05/17/2019
25	Equipment/Furnishings	25-1 thru 5	3	XX/XX/XXXX
26	Fire Protection	26-1	3	XX/XX/XXXX
27	Flight Controls	27-1	3	XX/XX/XXXX
28	Fuel	28-1	3	XX/XX/XXXX
29	Hydraulic Power	29-1	3	XX/XX/XXXX
30	Ice and Rain Protection	30-1 thru 5	3	XX/XX/XXXX
31	Indicating/Recording Systems	31-2 thru 4	3	XX/XX/XXXX
32	Landing Gear	32-1	2	05/17/2019
33	Lights	33-1 thru 3	3	XX/XX/XXXX
34	Navigation	34-1 thru 10	3	XX/XX/XXXX
35	Oxygen	35-1	3	XX/XX/XXXX
36	Pneumatic	36-1 thru 3	3	XX/XX/XXXX
38	Water/Waste	38-1 thru 2	2	05/17/2019
52	Doors	52-1	2	05/17/2019
57	Wings	57-1	3	XX/XX/XXXX
73	Engine Fuel and Control	73-1	2	05/17/2019
Section Two	Crew Alerting System (CAS) Message Relief	2-1	3	XX/XX/XXXX
--	Statement Page	2-2	3	XX/XX/XXXX
--	CAS Messages	2-3 thru 8	3	XX/XX/XXXX

REVISION NO. 3
DATE: XX/XX/XXXX

PAGE NO. II

AIRCRAFT:
Honda Aircraft HA-420

LOG OF REVISIONS

REV NO.	DATE	PAGE NO.
Original	05/04/2016	Original issue.
1	11/30/2016	Complete revision, all pages.
2	05/17/2019	Complete revision, all pages. Adds relief for Elite modifications.
3	XX/XX/XXXX	Cover Page, Table of Contents and Control Page, Log of Revisions, Highlights of Change, Definitions, Preamble, Guidelines for (M) and (O) Procedures, 21-1 thru 2, 22-1, 23-1 thru 4, 25-3 thru 6, 26-1, 27-1, 28-1, 29-1, 30-1 thru 5, 31-2 thru 3, 33-1 thru 2, 34-2, 34-4, 34-6 thru 8, 35-1, 36-1 thru 3, 57-1. SECTION 2: 2-3 thru 2-8. Adds relief for Elite II modifications.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: XX/XX/XXXX	PAGE NO. III
AIRCRAFT: Honda Aircraft HA-420	HIGHLIGHTS OF CHANGE

The following are the Highlights of Changes for **Revision 3**. It is the result of an electronic Flight Operations Evaluation Board (FOEB) meeting held on 07/31/2024.

PAGE NO.	EXPLANATION OF CHANGE
General	Minor editorial corrections were made throughout the document that do not affect the reliefs and are not indicated with change bars. These editorial corrections may be adopted in minimum equipment lists (MEL) at the operator's discretion.
ATA 21 Air Conditioning	
21-1	Item 21-21-03: Note: Changed "will" to "may" in Note.
21-2	Item 21-33-01: Substep c reworded to align with PL-031 Rev 3 requirements. Item 21-50-01: Replaced (M) with (O) on first line. Deleted existing step "a" and renumbered remaining steps "b" and "c" to "a" and "b". Note: Changed "will" to "may".
ATA 22 Autoflight	
22-1	Item 10-02: Added Serial Numbers Effectivity below Item. Item 22-30-01: Added "****". Item 22-30-02: Added Autothrottle. Item 22-30-03: Added AT disconnect buttons.
ATA 23 Communications	
23-1	Item 23-00-01: Changed name of CAS message in NOTE. Item 23-20-01: Modified CPDLC for SN 012 -SN 125 only and added remark. Item 23-20-02: New Item Added: Datalink. Item 23-20-03: New Item Added: ACARS. Item 23-21-01: Updated Optional "****" in Sequence No. column.
23-2	Item 23-40-03: Added Flight Deck to Cabin, Cabin to Flight Deck Interphone.
23-3	Item 23-50-04: Updated No. Installed.
23-4	Item 23-50-09: Updated No. Installed.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: XX/XX/XXXX		PAGE NO. IV
AIRCRAFT: Honda Aircraft HA-420		HIGHLIGHTS OF CHANGE
PAGE NO.	EXPLANATION OF CHANGE	
ATA 25 Equipment/Furnishings		
25-3 thru 4	Item 25-20-08: Updated to align with PL-104 Rev 7.	
25-5	Item 25-20-09: Added Cabin Seat Swivel Mechanism. Item 25-40-01: Deleted. Moved to 25-20-08 with PL-104 Rev 7 addressing door.	
25-6	Item 25-62-01: Substep b, reworded to align with PL-120 Rev 4. Item 25-64-02: Added Life Vest.	
ATA 26 Fire Protection		
26-1	Item 26-26-01: Added Portable Fire Extinguishers.	
ATA 27 Flight Controls		
27-1	Item 27-60-02: Added Ground Spoiler System.	
ATA 28 Fuel		
28-1	Item 28-10-02: Updated Remarks or Exceptions.	
ATA 29 Hydraulic Power		
29-1	Item 29-00-02: Deleted revision 3. Moved to Section 2.	
ATA 30 Ice and Rain Protection		
30-1	Item 30-10-02: Added Note. Item 30-10-03: Added Notes.	
30-2	Item 30-10-04: Added Note.	
30-4	Item 30-40-01: Added Notes.	
30-5	Item 30-80-01: Added Note.	
ATA 31 Indicating/Recording Systems		
31-2	Item 31-30-02: Added Cockpit Voice Recorder.	
31-3	Item 31-60-01-03: Updated Optional “****” in Sequence No. column. Item 31-60-01-12: Added AT Button.	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: XX/XX/XXXX		PAGE NO. V
AIRCRAFT: Honda Aircraft HA-420		HIGHLIGHTS OF CHANGE
PAGE NO.	EXPLANATION OF CHANGE	
ATA 33 Lights		
33-1	Item 33-30-01: Updated No. Required for Dispatch.	
33-2	Item 33-41-01: Updated Remarks or Exceptions. Item 33-41-02: Updated Remarks or Exceptions. Items: 33-41-03 and 33-41-04: Deleted in Revision 3.	
ATA 34 Navigation		
34-2	Item 34-42-01: Added Note. Item 34-44-01: Added “(O)” in the Remarks column. Added Note for Autothrottle.	
34-4	Item 34-45-02: Updated Optional “****” in Sequence No. column.	
34-6 thru 8	Item 34-52-03: Updated ADS-B relief in accordance with PL-105 Rev 4.	
ATA 35 Oxygen		
35-1	Item 35-00-03: Added Blowout Disk.	
ATA 36 Pneumatics		
36-1	Item 36-00-04: Updated Substep c to conform with PL-031. Added Notes. Item 36-00-05: Updated Substep c to conform with PL-031. Item 36-10-01: Updated Substep c to conform with PL-031. Added Notes.	
36-2	Item 36-11-01: Updated Substep c to conform with PL-031. Item 36-11-02: Updated Substep c to conform with PL-031. Item 36-11-03: Updated Substep c to conform with PL-031.	
36-3	Item 36-11-04: Updated Substep c to conform with PL-031. Item 36-11-05: Updated Substep c to conform with PL-031. Item 36-20-01: Updated Substep c to conform with PL-031.	
ATA 57 Wings		
57-1	Item 57-54-01: Added additional serial number range to include Remarks and Exceptions.	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: XX/XX/XXXX		PAGE NO. VI
AIRCRAFT: Honda Aircraft HA-420		HIGHLIGHTS OF CHANGE
PAGE NO.	EXPLANATION OF CHANGE	
Section Two CAS Messages		
2-2	Added CABIN ALT HOLD.	
2-3	Deleted the following CAS messages: ACARS FAIL, ADF FAIL, ADB-S OUT 1(2) FAIL, AHRS 1(2) FAIL, R AUDIO FAIL, AUTOPILOT FAIL, AUTOTHROTTLE FAIL, AUTOTHROTTLE FAULT, CABIN ALT CTRL FAIL, CABIN ALT CTRL FAULT, CABIN ALT FAULT, and CABIN ALT HIGH. (Added Notes into Section 1 for all these items.)	
2-4	Deleted the following CAS messages: L(R) CABIN BLEED FAIL, L(R) CABIN BLEED FAULT, L(R) CABIN BLEED TEMP HIGH, COM 1(2) TEMP HIGH, CRUISE SPD CTRL FAIL, CVR FAIL, DATALINK RADIO FAIL, and DATALINK RADIO TEMP HIGH (Added Notes into Section 1 for all these items.)	
2-5	Deleted the following CAS messages: DME FAIL, ECS AIR COND FAIL, ECS AIR COND FAULT, ECS GND COOLING FAN, L(R) ENG ANTI-ICE FAIL, L(R) ENG ANTI-ICE FAULT, L(R) ENG BLEED FAIL, L(R) ENG BLEED FAULT, and L(R) ENG TLD. (Added Notes into Section 1 for all these items.)	
2-6	Deleted the following CAS messages: FDR FAIL, FUEL ISO VALVE CLOSED, FUEL ISO VALVE OPEN, and GLIDE SLOPE 1(2) FAIL. (Added Notes into Section 1 for all these items.) Added Remarks to HYD FLUID OVERFILL.	
2-7	Deleted the following CAS messages: ICE DETECT FAIL, ICE DETECT FAULT, OXYGEN UNAVAILABLE, SATCOM FAIL, and SPEEDBRAKE FAIL. (Added Notes into Section 1 for all these items.) Added LDG GEAR DESPIN FAIL. Added Remarks for L(R) MIC STUCK ON.	
2-8	Deleted the following CAS messages: TAIL DE-ICE FAIL, TAIL DE-ICE FAIL ON, TAIL DE-ICE FAULT, TRANSPONDER 1(2) FAIL, WING ANTI-ICE FAIL, WING ANTI-ICE FAULT, L(R) WING ANTI-ICE TEMP LOW, L(R) WING A/I TEMP LOW, WING ANTI-ICE UNAVAIL, WEATHER RADAR FAIL, L(R) WSHD ZONE FAIL, L(R) WSHD ZONE FAULT, L(R) WSHD ZONE OVERHEAT, and XM DATALINK FAIL. (Added Notes into Section 1 for all these items.)	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: XX/XX/XXXX	PAGE NO. VII
AIRCRAFT: Honda Aircraft HA-420	DEFINITIONS

Refer to current FAA MMEL Policy Letter 25, MMEL and MEL Definitions, found on FAA Dynamic Regulatory System (DRS) website at <https://drs.faa.gov>.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: XX/XX/XXXX		PAGE NO. VIII
AIRCRAFT: Honda Aircraft HA-420		PREAMBLE

For operations under 14 CFR parts 91 subpart K (part 91K), 121, 125, 125 LODA, 129, and 135, refer to the current FAA MMEL Policy Letter PL-34, MMEL and MEL Preamble. For operations under 14 CFR part 91, refer to current FAA MMEL Policy Letter PL-36, 14 CFR Part 91 MEL Approval and Preamble. Both Policy Letters are found on the FAA Dynamic Regulatory System (DRS) website at <https://drs.faa.gov>.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: XX/XX/XXXX	PAGE NO. IX
AIRCRAFT: Honda Aircraft HA-420	GUIDELINES FOR (M) AND (O) PROCEDURES

The FOEB has identified a need for certain procedures to provide an adequate level of safety while providing relief for some items. These procedures must be established by the operator and may be based on the aircraft manufacturer's recommended procedures, Supplemental Type Certificate (STC) modifier's recommended procedures, or equivalent operator procedures. When recommended procedures are published, the operator should comply with these procedures. If recommended procedures are not published, the following guidelines delineate the aspects to be considered by the operator in the development of required procedures:

Honda Aircraft Company has developed recommended (M) maintenance and (O) operations procedures for the HA-420 Master Minimum Equipment List (MMEL) (HJ1-29000-030-001 Rev C or later revision). Operator's MEL procedures should be based on Honda Aircraft Company procedures.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: XX/XX/XXXX	PAGE NO. 1-1
AIRCRAFT: Honda Aircraft HA-420	LRU COMPONENT RELIEF

SECTION ONE

LINE REPLACEABLE UNIT (LRU) COMPONENT RELIEF

REVISION NO. 3
DATE: XX/XX/XXXX

PAGE NO. 21-1

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

21. Air Conditioning

Sequence No.	Item	1	2	3	4	Change Bar
21-01	Cockpit Evaporator Fan	C	1	0	(M) May be inoperative provided: a) Cabin evaporator fan and air conditioning system are operative, b) Cockpit temperature does not exceed 40 °C, and c) Cockpit evaporator fan is disabled. NOTE: "ECS AIR COND FAULT" CAS message will be displayed.	
21-02	Cabin Evaporator Fan	C	1	0	(M) May be inoperative provided: a) Cockpit evaporator fan and air conditioning system are operative, and b) Cabin evaporator fan is disabled. NOTE: "ECS AIR COND FAULT" CAS message will be displayed.	
21-03	Ground Cooling Fan	C	1	0	(O) May be inoperative provided: a) Engine bleeds are selected "OFF" while on ground, b) Cockpit temperature does not exceed 40 °C, c) Cockpit/cabin fans and temperature control systems are operative, d) Engine bleeds are selected to "NORM" just after takeoff, and e) Engine bleeds are selected to "OFF" just prior to landing. NOTE: "ECS GROUND COOLING FAN FAIL" CAS message may be displayed.	

AIRCRAFT:		TABLE KEY			
Honda Aircraft HA-420		1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS			
21. Air Conditioning					
Sequence No.	Item	1	2	3	4
32-01	Cabin Pressurization Data Unit	B	1	0	May be inoperative provided: a) "CABIN ALT CTRL FAIL" CAS message is not displayed, and b) All cabin pressure indications on Aircraft System Information (ASI) are operative. NOTE: "CABIN ALT FAULT" CAS message may be displayed.
33-01	Outflow Valve Assembly	B	2	1	(O) May be inoperative provided: a) Both cabin inflow systems are operative, b) DUMP switch is selected to "DUMP" and DUMP icon on Aircraft System Information (ASI) is verified, and c) Aircraft is not operated at 10,000 feet MSL or below. NOTE 1: "CABIN ALT CTRL FAIL" CAS message may be displayed. NOTE 2: "CABIN ALT CTRL FAULT" CAS message may be displayed. NOTE 3: "CABIN ALT HIGH" CAS message may be displayed.
50-01	Compressor Drive Module	C	1	0	(O) May be inoperative provided: a) Cockpit temperature does not exceed 40 °C and, b) Cockpit/cabin fans and temperature control systems are operative. NOTE: "ECS AIR COND FAIL" CAS message may be displayed.

REVISION NO. 3

PAGE NO. 22-1

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

22. Autoflight

Sequence No.	Item	1	2	3	4	Change Bar
00-03	TO/GA Switch	C	2	1		
10-01	Autopilot Disengage/ Acknowledge Switch (YOKE)	C	2	1	May be inoperative provided left side autopilot disengage/acknowledge switch is operational for single pilot operations.	
10-02	Autopilot System (Serial Numbers 42000012 through 42000125 W/O SB-420-42-023), and (Serial Numbers 42000126 thru 42000206 W/O SB-420-42-016 or SB-420-42-018 and 42000207 and subsequent)	C	1	0	May be inoperative provided: a) Operations do not require its use, b) Aircraft is not operated single pilot, and c) Aircraft is not operated in RVSM airspace. NOTE: "AUTOPILOT FAIL" CAS message may be displayed.	
10-03	Control Wheel Steering (CWS) Switch	C	2	0		
16-01	AFCS/Trim Master Switch	C	2	1	May be inoperative provided AFCS/trim master switch is operational for pilot flying side.	
30-01 ***	Cruise Speed Control (CSC) System	D	1	0	NOTE: "CRUISE SPD CTRL FAIL" CAS message may be displayed.	
30-02 ***	Autothrottle (AT)	C	1	0	(M) May be inoperative provided system is deactivated. NOTE 1: "AUTOTHROTTLE FAIL" CAS message may be displayed. NOTE 2: "AUTOTHROTTLE FAULT" CAS message may be displayed.	
30-03 ***	AT Disconnect Buttons	C	2	1	(O) May be inoperative provided one switch is operatable.	

REVISION NO. 3

PAGE NO. 23-1

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

23. Communications

Sequence No.	Item	1	2	3	4	Change Bar
00-01 ***	Satellite Communication System	D	1	0	NOTE: "SATCOM FAIL" CAS message may be displayed.	
12-01	Communication System (VHF)	D	-	-	Any in excess of those required by 14 CFR may be inoperative provided it is not powered by Emergency AC Bus, Emergency DC Bus, Battery Bus, Battery Direct Bus, or DC Transfer Bus and not required for emergency procedures. NOTE 1: Com 1 is only VHF communication system that is powered by one of critical buses listed above. NOTE 2: "COM 1 (2) TEMP HIGH" CAS message may be displayed.	
20-01 ***	CPDLC (Serial Numbers 42000012 through 42000125 only)	C	1	0	May be inoperative provided procedures do not require its use. NOTE: "CPDLC FAIL" CAS message may be displayed.	
20-02 ***	Datalink	C	1	0	May be inoperative provided procedures do not require its use. NOTE 1: "DATALINK RADIO FAIL" CAS message may be displayed. NOTE 2: "DATALINK RADIO TEMP HIGH" CAS message may be displayed.	
20-03 ***	ACARS	C	1	0	(O) May be inoperative provided procedures do not require its use. NOTE: "ACARS FAIL" CAS message may be displayed.	
21-01	XM Weather	D	-	0	NOTE: "XM DATALINK FAIL" CAS message may be displayed.	

REVISION NO. 3

PAGE NO. 23-2

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

23. Communications

Sequence No.	Item	1	2	3	4	Change Bar
21-02 ***	XM Radio	D	-	0	NOTE: "XM DATALINK FAIL" CAS message may be displayed.	
40-01 ***	Cabin Speakers	C	2	0		
40-02 ***	Passenger Address (PA)	C	1	0	(O) May be inoperative provided: a) PA not required by 14 CFR, and b) Alternate, normal, and emergency procedures and/or operating restrictions are established and used.	
40-03 ***	Flight Deck to Cabin, Cabin to Flight Deck Interphone	C	1	0	(O) May be inoperative provided: a) Crewmember interphone system not required by 14 CFR, and b) Alternate, normal and emergency procedures, and/or operating restrictions are established and used.	
	"Holder of an Air Carrier or Commercial Operator Certificate"					
	Flight Deck Headsets Earphones/Headphones and Boom Microphones					
50-01	Headset Boom Microphones	A	-	0	May be inoperative provided: a) Associated hand microphone is installed and operates normally, and b) Repairs are made within 3 flight-days.	
		D	-	-	Any in excess of those required by 14 CFR may be inoperative.	

REVISION NO. 3

PAGE NO. 23-3

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

23. Communications

Sequence No.	Item	1	2	3	4	Change Bar
50-02	Headset Earphones/ Headphones	C	-	1	May be inoperative provided associated flight deck speaker operates normally.	
		D	-	-	Any in excess of those required by 14 CFR may be inoperative.	
50-03	Active Noise Canceling/ Reduction Function	D	-	0	May be inoperative provided normal audio function of headset is operative.	
50-04	Flight Deck Hand Microphones	C	2	0	May be inoperative provided associated boom microphone operates normally.	
		D	-	0	Any in excess of those required by 14 CFR may be inoperative.	
	“Operator other than a Holder of an Air Carrier or Commercial Operator Certificate”					
	Flight Deck Headsets/ Headphones					
50-05	Headsets/Headphones	D	-	-	Any in excess of those required by 14 CFR may be inoperative.	
50-06	Headset Boom Microphones	A	-	0	May be inoperative provided: a) Associated hand microphone is installed and operates normally, and b) Repairs are made in accordance with applicable 14 CFRs.	
		D	-	-	Any in excess of those required by 14 CFR may be inoperative.	
50-07	Headset Earphones/ Headphones	C	-	1	May be inoperative provided associated flight deck speaker operates normally.	

REVISION NO. 3

PAGE NO. 23-4

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

23. Communications

Sequence No.	Item	1	2	3	4	Change Bar
50-08	Active Noise Canceling/ Reduction Function	D	-	0	May be inoperative provided normal audio function of headset is operative.	
50-09	Flight Deck Hand Microphones	C	-	0	May be inoperative provided associated boom microphone operates normally.	
		D	-	-	Any in excess of those required by 14 CFR may be inoperative.	
50-10	Remote Audio Panel (RAP)	A	2	1	(O) May be inoperative provided: <ol style="list-style-type: none"> a) Left remote audio panel is operational, b) Aircraft is operated single pilot, and c) Repairs are made within three flight legs. NOTE: "R AUDIO FAIL" CAS message may be displayed.	
50-11	PTT Switch	C	4	2	(O) May be inoperative provided one operational PTT switch (glare shield or control yoke) is available on each side.	
		C	4	1	(O) May be inoperative provided: <ol style="list-style-type: none"> a) One operational PTT switch (glare shield or control yoke) on left side is available, and b) Aircraft is operated single pilot. 	
50-12	Cockpit Speaker	C	2	1	(O) May be inoperative provided: <ol style="list-style-type: none"> a) Left side speaker is operational, b) Aircraft is operated from left seat, and c) For two pilot operations, co-pilot must use an operational headset. 	
60-01	Static Dischargers	C	13	12	Static discharger (wick) may be missing from fin cap only.	

REVISION NO. 2
DATE: 05/17/2019

PAGE NO. 24-1

<p>AIRCRAFT: Honda Aircraft HA-420</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
--	--

24. Electrical Power

Sequence No.	Item	1	2	3	4	Change Bar
00-01 ***	USB Charging Outlets	C	6	0		
22-01 ***	Cabin Inverter	D	-	0	(M) May be inoperative provided affected inverter is deactivated.	
					NOTE: Any outlets that are operational may be used.	
40-01	External Power	D	1	0	May be inoperative provided ground functions do not require its use.	

REVISION NO. 3
DATE: XX/XX/XXXX

PAGE NO. 25-1

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar
00-01 ***	Nonessential Equipment and Furnishings (NEF)	C	-	0	May be inoperative, damaged, or missing provided item(s) is deferred in accordance with operator's NEF deferral program. NEF program, procedures, and processes are outlined in operators (insert name) Manual. (M) and (O) procedures, if required, must be available to flightcrew and included in operator's appropriate document. NOTE: Exterior lavatory door ashtrays are not considered NEF items.	
10-01	Cabin/Cockpit Curtain	D	-	0	May be missing or inoperative provided cabin wash lights remain off during night flight.	
10-02	Co-Pilot Seat	D	1	0	Co-pilot seat may be inoperative provided: a) Seat is placarded inoperative, b) Seat is latched in full aft position, and c) Seat remains unoccupied during flight.	
10-03	Co-Pilot Seat Belt	D	1	0	Co-pilot seat belt may be inoperative provided: a) Seat is placarded inoperative, b) Seat is latched in full aft position, and c) Seat remains unoccupied during flight.	

REVISION NO. 3

PAGE NO. 25-2

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar
10-04	Crew Seat Armrest	C	1	0	May be inoperative or missing and seat occupied provided armrest does not impede crew egress.	
10-05	Crew Seat Headrest	C	1	0	May be inoperative and seat occupied provided headrest is in a position acceptable to crewmember.	
10-06	Crew Seat Thigh Control	C	1	0	May be inoperative and seat occupied provided thigh adjustment is in a position acceptable to crewmember.	
10-07	Crew Seat Lumbar Control	C	1	0	May be inoperative and seat occupied provided lumbar adjustment is in a position acceptable to crewmember.	
10-08	Sun Visor	D	2	0	May be inoperative provided sun visor is stowed so it does not impede pilot's field of view.	
10-09	Cockpit Assist Handle	D	2	1		
20-01	Electrically Dimmable Window Shade	D	6	0		
20-02 ***	Cabin Window Pleated Shade	D	6	2	May be inoperative provided one on each side is operative.	
20-03	Cabin Seat (Includes Side Facing Seat)	D	-	0	May be inoperative provided: <ol style="list-style-type: none"> a) Seat does not block an emergency exit, b) Affected seat is blocked and placarded inoperative, and c) Affected seat is latched and remains unoccupied during taxi, takeoff, landing, or when seat belt sign is illuminated. <p>NOTE: A seat with an inoperative seat belt or headrest is considered inoperative.</p>	

REVISION NO. 3

PAGE NO. 25-3

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar
20-04	Cabin Seat Recline Mechanism	D	1	0	May be inoperative and seat occupied provided seat back is latched in full upright position.	
20-05	Cabin Seat Slide Mechanism	D	1	0	May be inoperative and seat occupied provided seat is latched in fully stowed position.	
20-06	Cabin Seat Armrest	D	1	0	May be inoperative or missing and seat occupied provided armrest does not block an emergency exit.	
20-07	Table	D	2	0	May be inoperative provided table is in stowed position.	
20-08	Storage Bins/Cabin, Galley, and Lavatory Storage Compartments/Closets	C	-	-	<p>(M) May be inoperative provided:</p> <ol style="list-style-type: none"> a) Procedures are established to secure affected bin, compartment, or closet in closed position, b) Affected bin, compartment, or closet is prominently placarded "DO NOT USE", c) Any emergency equipment located in affected bin, compartment, or closet is considered inoperative, and d) Affected bin, compartment, or closet is not used for storage of any items except for those permanently affixed. <p>NOTE: Proviso is not intended to preclude crewmember inspections.</p>	
(Continued)						

REVISION NO. 3

PAGE NO. 25-4

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar
20-08	Cabinet/Galley (Cont'd)	C	-	-	(M)(O) May be inoperative provided: <ul style="list-style-type: none"> a) For non-retractable doors, affected door is removed, b) For retractable doors, affected door is removed or secured in retracted (fully open) position, c) Affected bin, compartment, or closet is prominently placarded "DO NOT USE", d) Affected bin, compartment, or closet is not used for storage of any items except those permanently affixed, e) Procedures are established and used to alert crewmembers and passengers of inoperative bins, compartments, or closets, and f) Passengers are briefed that affected bin, compartment or closet is not used. <p>NOTE: Any emergency equipment located in affected bin, compartment, or closet (permanently affixed) is available for use.</p>	
		C	-	-	May be inoperative in closed position provided: <ul style="list-style-type: none"> a) Affected bin, compartment, or closet is prominently placarded "DO NOT USE", b) Any Emergency equipment located in affected bin, compartment, or closet is considered inoperative, and c) Location placarding for any emergency equipment stored in affected bin, compartment or closet is removed or obscured. <p>NOTE: Use of this proviso may be dependent upon an operator's aircraft security program, as appropriate.</p>	

REVISION NO. 3

PAGE NO. 25-5

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar
20-09 ***	Cabin Seat Swivel Mechanism	D	1	0	May be inoperative and seat occupied provided seat is latched in fully stowed position during taxi, takeoff, and landing (TTL).	
30-01 ***	Coffee Maker	D	1	0	(M) May be inoperative provided: a) Coffee pot is secured, and b) Coffee maker is deactivated.	
40-01	Lavatory Door				Deleted, Revision 3. Moved to 25-20-08.	
40-02 ***	Lavatory Seat Belt	D	1	0	May be inoperative provided: a) Seat remains unoccupied during taxi, takeoff, landing, or when seat belt sign is illuminated, and b) Seat is placarded "DO NOT OCCUPY" during taxi, takeoff, landing, or when seat belt sign is illuminated.	
50-01	FWD Baggage Net	D	1	0	(O) Individual components may be inoperative or missing provided baggage is secured by alternate means.	
50-02 ***	Luggage Valet Restraint Assembly	D	1	0	(O) Individual components may be inoperative or missing provided baggage is secured by alternate means.	
50-03	Aft Baggage Net	D	1	0	(O) Individual components may be inoperative or missing provided baggage is secured by alternate means.	

REVISION NO. 3

PAGE NO. 25-6

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar
62-01	Emergency Locator Transmitter (ELT)					
-01	Fixed ELT	A	1	0	(M) May be inoperative provided: a) System is deactivated, and b) Repairs are made within 90 consecutive calendar-days.	
		A	1	0	(M) May be missing provided: a) Placard stating "ELT not installed" is placed in view of pilot, and b) Repairs are made within 90 consecutive calendar-days.	
-02 ***	Survival Type ELT	D	-	0	Any in excess of those required by 14 CFR may be missing.	
64-01 ***	Life Raft	D	-	0	(O) Raft may be inoperative provided: a) It is not required by 14 CFR, and b) Raft is removed or stored in such a way that its use is prevented.	
64-02 ***	Life Vest	D	-	-	(M)(O) Any in excess of those required may be inoperative or missing, provided: a) Required distribution is maintained, b) Inoperative life jacket and its installed location are placarded inoperative, c) Inoperative life jacket is secured out of sight, and d) Procedures are established and used to alert crew members of inoperative or missing equipment.	

REVISION NO. 3

PAGE NO. 26-1

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

26. Fire Protection

Sequence No.	Item	1	2	3	4	Change Bar
26-01	Portable Fire Extinguishers	D	-	-	Any in excess of those required by 14 CFR may be inoperative or removed provided: <ol style="list-style-type: none"> a) Inoperative fire extinguisher remains in a certified location until removed from aircraft at next suitable maintenance facility, b) Location placarding is removed or obscured, and c) Required distribution is maintained. <p>NOTE: Inoperative fire extinguishers, removed from a certified location or removed from aircraft, are subject to 49 CFR dangerous good regulations.</p>	
***	Tamper Seals or Tags	C	-	-	(O) May be inoperative, damaged, or missing provided proper installation and servicing is verified at each preflight.	

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

Sequence No.	Item	1	2	3	4	Change Bar
00-01	Yoke Trim Switch	B	2	1	May be inoperative provided yoke trim switch is operational for pilot flying side.	
20-01	Rudder Pedal Adjustment	C	4	0	May be inoperative provided: <ul style="list-style-type: none"> a) Each crewmember's rudder pedals are adjusted equally, b) Affected pedal is latched in a detent, and c) Each crewmember seated at affected station verifies full control movement and brake application is available while restrained prior to each flight. 	
60-01 ***	Speedbrake Control Switch	C	1	0	(M) May be inoperative provided: <ul style="list-style-type: none"> a) Steep approaches are not conducted, b) Speedbrakes are deactivated in retracted position, and c) Speedbrake position and switch position agree. 	
60-02	Ground Spoiler System	C	1	0	(M)(O) May be inoperative provided: <ul style="list-style-type: none"> a) Ground spoilers are secure and faired with wing, b) AFM procedures for no Ground Spoilers are used, and c) System is deactivated. <p>NOTE: "GROUND SPOILER FAIL" CAS message may be displayed.</p>	

REVISION NO. 2

PAGE NO. 28-1

DATE: 05/17/2019

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

28. Fuel

Sequence No.	Item	1	2	3	4	Change Bar
10-01	Fuel Cap Lanyard	D	1	0	May be missing/broken provided fuel cap is installed and verified closed and secured prior to flight.	
10-02	Fuel ISO Valve				NOTE 1: "FUEL ISO VALVE CLOSED" message may be displayed.	
					NOTE 2: "FUEL ISO VALVE OPEN" message may be displayed.	
	(OPEN)	B	1	0	(O) May be inoperative provided fuselage tank remains empty.	
	(CLOSED)	B	1	0	(O) May be inoperative provided: <ul style="list-style-type: none"> a) Procedures are established to fill tanks, and b) "FUEL LEVEL CTRL FAULT" CAS message is not displayed. 	
					NOTE 1: Refuel time will be substantially increased (3 GPM). Fuselage tank will fill prior to wing and C/T tanks.	
					NOTE 2: SN 42000126 and above. "FUEL TRANSFER FAULT" CAS message may be displayed when C/T tank fuel qty indicates 40 lb or less.	
41-01 ***	External Fuel Gauge	D	1	0		
41-02 ***	Refuel Slowly Light	D	1	0	May be inoperative provided operator ensures that fueling rate is slowed to 5–10 gallons per minute (GPM) after fuel quantity has reached 2,200 lb (328 gal).	

REVISION NO. 3

PAGE NO. 29-1

DATE: XX/XX/XXXX

<p>AIRCRAFT: Honda Aircraft HA-420</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
--	--

29. Hydraulic Power

Sequence No.	Item	1	2	3	4	Change Bar
00-02	HYD FLUID OVERFILL CAS Message				Deleted, Revision 3. Moved to Section 2.	
10-01	Ecology Bottle	D	1	0		

REVISION NO. 3

PAGE NO. 30-1

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

30. Ice and Rain Protection

Sequence No.	Item	1	2	3	4	Change Bar
10-01	Wing Anti-Ice Valve	C	2	0	(O) May be inoperative provided: a) Wing anti-ice is selected "OFF", b) Wing anti-ice valve is verified closed, and c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
10-02	Wing Anti-Ice Crossflow Valve	C	1	0	May be inoperative provided: a) Wing anti-ice is selected "OFF", and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "WING ANTI-ICE UNAVAIL" CAS message may be displayed.	
10-03	Wing Anti-Ice Temp Sensor	C	4	0	May be inoperative provided: a) Wing anti-ice is selected "OFF", and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE 1: "WING ANTI-ICE FAIL" CAS message may be displayed. NOTE 2: "WING ANTI-ICE FAULT" CAS message may be displayed. NOTE 3: "L(R) WING ANTI-ICE TEMP LOW" CAS message may be displayed. NOTE 4: "L(R) WING A/I TEMP LOW" CAS message may be displayed.	

REVISION NO. 3

PAGE NO. 30-2

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

30. Ice and Rain Protection

Sequence No.	Item	1	2	3	4	Change Bar
10-04	Deice Control Unit	C	1	0	(M)(O) May be inoperative provided: a) System is deactivated, and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE 1: "TAIL DE-ICE FAIL" CAS message may be displayed. NOTE 2: "TAIL DE-ICE FAIL ON" CAS message may be displayed.	
11-01	Energy Storage Bank	C	1	0	(O) May be inoperative provided: a) Tail deice system is selected "OFF", and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
12-01	Deice Actuator	C	20	19	(O) One may be inoperative provided aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "TAIL DE-ICE FAULT" CAS message may be displayed.	
		C	20	0	(O) Two or more may be inoperative provided: a) Tail deice system is selected "OFF", and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	

REVISION NO. 3

PAGE NO. 30-3

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

30. Ice and Rain Protection

Sequence No.	Item	1	2	3	4	Change Bar
20-01	Cowl Anti-Ice Valve (OPEN)	C	2	0	(O) May be inoperative provided: a) ENG anti-ice switch is in "ON" position, b) V ₁ , V _R , and V ₂ speeds from flaps TO/APPR, Ice Protection OFF tables in AFM performance data are increased by 1 knot, c) TOFL from flaps TO/APPR table are increased by 5%, and d) All climb gradients are reduced by 0.6%.	
	Cowl Anti-Ice Valve (CLOSED)	C	2	0	(O) May be inoperative provided: a) ENG anti-ice switch is in "OFF" position, b) Cowl anti-ice valve is verified closed, and c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "L(R) ENG ANTI-ICE FAIL" CAS message may be displayed.	
20-02	Cowl Anti-Ice Press Sensor	C	2	0	May be inoperative provided: a) ENG anti-ice switch is in "OFF" position, and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "L(R) ENG ANTI-ICE FAULT" CAS message may be displayed.	

REVISION NO. 3

PAGE NO. 30-4

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

30. Ice and Rain Protection

Sequence No.	Item	1	2	3	4	Change Bar
20-03	Cowl Anti-Ice Temp Sensor	C	2	0	May be inoperative provided: a) ENG anti-ice switch is in "OFF" position, and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "L(R) ENG ANTI-ICE FAULT" CAS message may be displayed.	
40-01	Windshield Heat Control Unit	C	2	1	(O) May be inoperative provided: a) WSHLD HEAT L(R) switch is in "OFF" position, b) Alternate means of window defogging is used, and c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE 1: "L(R) WSHD ZONE FAIL" CAS message may be displayed. NOTE 2: "L(R) WSHD ZONE FAULT" CAS message may be displayed. NOTE 3: "L(R) WSHD ZONE OVERHEAT" CAS message may be displayed.	

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

30. Ice and Rain Protection

Sequence No.	Item	1	2	3	4	Change Bar
80-01	Ice Detector	C	2	1	May be inoperative provided aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE 1: "ICE DETECT FAIL" CAS message may be displayed. NOTE 2: "ICE DETECT FAULT" CAS message may be displayed.	
		C	2	0	May be inoperative provided aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE 1: "ICE DETECT FAIL" CAS message may be displayed. NOTE 2: All automatic ice protection will be inoperative.	

REVISION NO. 3
DATE: XX/XX/XXXX

PAGE NO. 31-1

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

31. Indicating/Recording Systems

Sequence No.	Item	1	2	3	4	Change Bar
30-01 ***	Flight Data Recorder (FDR) System (For a Holder of an Air Carrier or Commercial Operator Certificate)	C	-	-	Any in excess of those required by 14 CFR may be inoperative. NOTE: "CVR FAIL" and/or "FDR FAIL" CAS message may be displayed.	
		A	-	0	May be inoperative provided: a) Cockpit voice recorder (CVR) operates normally, b) Airplane is not dispatched from a designated airport as listed in operator's MEL unless: 1) FDR failure occurs after pushback but prior to takeoff, or 2) FDR repair was attempted but not successful. c) In those cases where repair is attempted but not successful, aircraft may be dispatched on a flight or series of flights until next designated airport where repair must be accomplished prior to dispatch, and d) Repairs are made within 3 flight-days.	
(Continued)						

REVISION NO. 3

PAGE NO. 31-2

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

31. Indicating/Recording Systems

Sequence No.	Item	1	2	3	4	Change Bar
30-01 ***	Flight Data Recorder (FDR) System (For a Holder of an Air Carrier or Commercial Operator Certificate) (Cont'd)					
	FDR Recording Parameters Required by 14 CFR	A	-	-	Up to three recording parameters may be inoperative provided: a) Cockpit voice recorder (CVR) operates normally, and b) Repairs are made within 20 calendar-days.	
30-01 ***	Flight Data Recorder (FDR) System (Operator other than a Holder of an Air Carrier or Commercial Operator Certificate)	C	-	1	Any in excess of those required by 14 CFR may be inoperative.	
		A	-	0	May be inoperative provided repairs are made in accordance with 14 CFR.	
30-02 ***	Cockpit Voice Recorder (CVR)	A	1	0	May be inoperative provided: a) Flight Data Recorder (FDR) operated normally, and b) Repairs are made within 3 flight-days.	
					NOTE: "CVR FAIL CAS" message may be displayed.	
40-01	Electronic Checklist (ECL)	D	-	0	(O) May be inoperative provided hard copy checklist is available and used.	
40-02	Chime Mute Button	C	2	0		
40-03	Display Reversion Switch	C	2	1	May be inoperative provided: a) Left side display reversion switch is operational, and b) Aircraft is operated from left seat.	

REVISION NO. 3

PAGE NO. 31-3

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

31. Indicating/Recording Systems

Sequence No.	Item	1	2	3	4	Change Bar
40-04	Yoke, System Control Button	C	2	0		
50-01	Master Caution Lights	B	2	1	Left side master caution lights must be operational for single pilot operations.	
50-02	Master Warning Lights	B	2	1	Left side master warning lights must be operational for single pilot operations.	
60-01	Mode Control Panel					
-01	CRS Knob	C	2	0	May be inoperative provided operations do not require its use.	
-02	SPD SEL Knob	C	1	0		
-03 ***	CSC Button	C	1	0		
-04	BANK Button	C	1	0		
-05	ALT Button	C	1	0		
-06	VNV Button	C	1	0	May be inoperative provided operations do not require its use.	
-07	FD Button	C	2	0	May be inoperative provided operations do not require its use.	
-08	VS Button	C	1	0	May be inoperative provided FLC button is operative.	
-09	FLC Button	C	1	0	May be inoperative provided VS button is operative.	
-10	CPL Button	B	1	0	May be inoperative provided aircraft is operated from left seat.	
-11	Pitch Wheel	C	1	0	May be inoperative provided FLC button is operative.	
-12 ***	AT Button	C	1	0	(M) May be inoperative provided system is deactivated.	
					NOTE: "AUTOTHROTTLE FAIL" CAS message may be displayed.	

REVISION NO. 3
DATE: XX/XX/XXXX

PAGE NO. 31-4

<p>AIRCRAFT: Honda Aircraft HA-420</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
--	--

31. Indicating/Recording Systems

Sequence No.	Item	1	2	3	4 Change Bar
60-02	BARO SET Knob	B	2	1	<p>May be inoperative provided:</p> <ol style="list-style-type: none"> a) Left side is operative for single pilot operation, and b) Baro sync function is operative and selected.

REVISION NO. 2
DATE: 05/17/2019

PAGE NO. 32-1

<p>AIRCRAFT: Honda Aircraft HA-420</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
--	--

32. Landing Gear

Sequence No.	Item	1	2	3	4 Change Bar
40-01	Brake Wear Pin	C	4	2	(O) May be missing provided one indicator per brake assembly is functional.

REVISION NO. 3

PAGE NO. 33-1

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

33. Lights

Sequence No.	Item	1	2	3	4	Change Bar
10-01	Flight Deck Lighting	C	-	-	Individual lights may be inoperative provided: a) Remaining lighting system lights are sufficient to clearly illuminate all required instruments, controls, and other devices for which they are provided, b) Remaining lighting system lights are positioned so that direct rays are shielded from flightcrew members' eyes, and c) Lighting configuration and intensity is acceptable to flightcrew. NOTE: Individual button/switch lights and/or annunciations/indications are excluded from this relief.	
20-01	Cabin Lights	D	-	1	(O) May be inoperative provided entry door light is operational for night flights.	
20-02	Passenger Lighted Information Sign	C	-	0	(O) May be inoperative provided alternate procedures are established and used to notify cabin occupants.	
30-01	Service Lights (Baggage)	D	2	0		
40-01	Beacon Light	C	1	0	NOTE: Navigation or strobe lights may be used on ground to alert nearby aircraft or personnel when engines are running or prior to start.	

REVISION NO. 3

PAGE NO. 33-2

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

33. Lights

Sequence No.	Item	1	2	3	4	Change Bar
40-02 ***	Ice Inspection Light	C	-	0	May be inoperative provided: a) Aircraft is not operated in known or forecasted icing conditions at night, and b) Ground deicing procedures do not require their use.	
		C	2	1	One may be inoperative provided: a) Left light is operative for single pilot operations, and b) Ground deicing procedures do not require their use.	
41-01	Landing Light	C	2	1	One landing light may be inoperative provided aircraft is not operated between sunset and sunrise.	
		C	2	0	May be inoperative provided aircraft is not operated between sunset and sunrise.	
41-02	Taxi Light	C	4	0	May be inoperative provided aircraft is not operated between sunset and sunrise.	
		C	-	1	May be inoperative provided: a) Remaining taxi lights are operative, and b) Landing lights are operative and commanded on during night operation.	
41-03	Taxi Light, Wing				Deleted, Revision 3	
41-04	Taxi Light, Belly				Deleted, Revision 3	

REVISION NO. 3

PAGE NO. 33-3

DATE: XX/XX/XXXX

<p>AIRCRAFT: Honda Aircraft HA-420</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
--	--

33. Lights

Sequence No.	Item	1	2	3	4 Change Bar
41-05	Recognition Light Flasher Assembly	C	1	0	
41-06	Recognition Light	C	2	0	
41-07	Light, Position (Wing/Tail)	C	3	0	May be inoperative provided aircraft is not operated between sunset and sunrise.
41-09 ***	LOGO Light	D	2	0	

REVISION NO. 3

PAGE NO. 34-1

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
20-01	Attitude and Heading Reference System (AHRS)	B	2	1	May be inoperative provided: <ol style="list-style-type: none"> a) Operations are conducted in day VMC only, b) Operative AHRS is selected as attitude and heading source to both PFDs, and c) RVSM operations are not conducted. <p>NOTE: "AHRS 1(2) FAIL" CAS message may be displayed.</p>	
20-02	Altitude Alerting System	A	-	0	(O) May be inoperative provided: <ol style="list-style-type: none"> a) Autopilot with altitude hold and altitude capture operates normally, b) Enroute operations (i.e., RVSM) do not require its use, c) Airplane does not depart from a designated airport (as listed in operator's MEL) where repair or replacement can be made, and d) Repairs are made within 3 flight-days. 	
		C	-	1		
-01	Aural Alert	C	1	0	May be inoperative provided: <ol style="list-style-type: none"> a) Autopilot with altitude hold and altitude capture operates normally, and b) Visual alert operates normally. 	
-02	Visual Alert	C	-	0	May be inoperative provided: <ol style="list-style-type: none"> a) Aural alert operates normally, and b) Autopilot with altitude hold and altitude capture operates normally. 	

REVISION NO. 3

PAGE NO. 34-2

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
21-01	Standby Attitude Indicator	C	1	0	May be inoperative provided not required by 14 CFR.	
		B	1	0	May be inoperative provided: <ul style="list-style-type: none"> a) Operations are conducted in day VMC only, and b) Operations are not conducted into known or forecast over-the-top conditions. 	
22-01	Magnetometer	B	3	2	May be inoperative provided functional heading source is selected for each crewmember's PFD.	
34-01	Marker Beacon Receiver	C	1	0	May be inoperative provided: <ul style="list-style-type: none"> a) Not required by 14 CFR, and b) Procedures do not require its use. 	
42-01	Weather Radar System	D	1	0	May be inoperative provided procedures do not require its use.	
					NOTE: "WEATHER RADAR FAIL" CAS message may be displayed.	
44-01 ***	Radio Altimeter	C	-	0	(M)(O) May be inoperative provided: <ul style="list-style-type: none"> a) Operational procedures do not require its use, b) System is deactivated, and c) Autothrottle must be disengaged before landing. 	
					NOTE 1: Autothrottle RETARD mode will not be available.	
					NOTE 2: TCAS II and TAWS A will be failed.	
44-02 ***	TAWS Equipment (Class A)	A	1	0	(O) May be inoperative provided: <ul style="list-style-type: none"> a) Alternate procedures are established and used, and b) Repairs are made within 2 flight-days. 	

REVISION NO. 3

PAGE NO. 34-3

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
44-03	TAWS Equipment (Class B)	A	1	0	(O) May be inoperative provided: a) Alternate procedures are established and used, and a) Repairs are made within 2 flight-days.	
45-01	Traffic Alert and Collision Avoidance System (TCAS I)	B	1	0	(M) May be inoperative provided: a) System is deactivated and secured, and b) Enroute or approach procedures do not require its use.	
		C	1	0	(M) May be inoperative provided: a) Not required by 14 CFR, b) System is deactivated and secured, and c) Enroute or approach procedures do not require its use.	
45-01 ***	Traffic Alert and Collision Avoidance System (TCAS II)	B	1	0	(M) May be inoperative provided: a) System is deactivated and secured, and b) Enroute or approach procedures do not require its use.	
		C	1	0	(M) May be inoperative provided: a) Not required by 14 CFR, b) System is deactivated and secured, and c) Enroute or approach procedures do not require its use.	

REVISION NO. 3

PAGE NO. 34-4

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
45-02 ***	Resolution Advisory (RA) Display System(s)	C	2	0	(O) May be inoperative provided: <ul style="list-style-type: none"> a) Traffic alert (TA) visual display and audio functions are operative, b) TA only mode is selected by crew, and c) Enroute or approach procedures do not require its use. 	
		C	2	1	May be inoperative on non-flying pilot's side.	
45-03	Traffic Alert (TA) Display System(s)	C	3	0	May be inoperative provided: <ul style="list-style-type: none"> a) RA visual display and audio functions are operative, and b) Enroute or approach procedures do not require its use. 	
45-04	Audio Function	B	1	0	May be inoperative provided enroute or approach procedures do not require use of TCAS.	
45-05	Airspace Selection Function	C	-	0		
51-01 ***	Distance Measuring Equipment (DME)	D	-	0	Any in excess of those required by 14 CFR may be inoperative. NOTE: "DME FAIL" CAS message may be displayed.	

REVISION NO. 3

PAGE NO. 34-5

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
52-01	ATC Transponder and Altitude Reporting System	B	-	0	(O) May be inoperative provided: a) Operations do not require its use, and b) Prior to flight, approval is obtained from ATC facilities having jurisdiction over planned route of flight. NOTE: "TRANSPONDER 1(2) FAIL" CAS message may be displayed.	
		D	-	1	Any in excess of those required by 14 CFR may be inoperative. NOTE: "TRANSPONDER 1(2) FAIL" CAS message may be displayed.	
52-02	Elementary and Enhanced Downlink Aircraft Reportable Parameters (Not Required by 14 CFR)	A	-	0	(O) May be inoperative provided: a) Operations do not require its use, and b) Repairs are made prior to completion of next scheduled maintenance visit.	

REVISION NO. 3

PAGE NO. 34-6

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
52-03 ***	Automatic Dependent Surveillance-Broadcast (ADS-B) System (In and Out)	B	-	0	(O) May be inoperative provided prior to flight, authorization is obtained from ATC facilities having jurisdiction over the planned route of flight using an approved authorization process. NOTE 1: Any ADS-B function that operates normally may be used. NOTE 2: "ADS-B OUT 1(2) FAIL" CAS message may be displayed.	
		C	-	1	One may be inoperative.	
		D	-	0	May be inoperative provided: a) Enroute operations do not require its use, and b) It is not required by 14 CFR. NOTE: Any ADS-B function that operates normally may be used.	
(Continued)						

REVISION NO. 3

PAGE NO. 34-7

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
52-03 ***	Automatic Dependent Surveillance-Broadcast (ADS-B) System (In and Out) (Cont'd)					
***	ADS-B Out Extended Squitter	B	-	0	(O) May be inoperative provided prior to flight, authorization is obtained from ATC facilities having jurisdiction over the planned route of flight using an approved authorization process. NOTE 1: Any ADS-B Out function that operates normally may be used. NOTE 2: "ADB-S B OUT 1(2) FAIL" CAS message may be displayed.	
		C	-	1	One may be inoperative.	
		D	-	0	May be inoperative provided: a) Enroute operations do not require its use, and b) It is not required by 14 CFR. NOTE 1: Any ADS-B Out function that operates normally may be used. NOTE 2: "ADS-B OUT 1(2) FAIL" CAS message may be displayed.	
(Continued)						

REVISION NO. 3

PAGE NO. 34-8

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
52-03 ***	Automatic Dependent Surveillance-Broadcast (ADS-B) System (In and Out) (Cont'd)					
***	ADS-B In	C	-	0	(O) May be inoperative provided alternate procedures are established and used. NOTE: Any ADS-B In function that operates normally may be used.	
		D	-	0	May be inoperative provided operations do not require its use. NOTE: Any ADS-B In function that operates normally may be used.	
	ADS-B Out UAT				Deleted, Revision 3	

REVISION NO. 3

PAGE NO. 34-9

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
52-05	Altitude Reporting System	B	-	0	(O) May be inoperative provided: a) Operations do not require its use, and b) Prior to flight, approval is obtained from ATC facilities having jurisdiction over planned route of flight. NOTE: "TRANSPONDER 1(2) FAIL" CAS message may be displayed.	
		D	-	1	Any in excess of those required by 14 CFR may be inoperative. NOTE: "TRANSPONDER 1(2) FAIL" CAS message may be displayed.	
52-06	Ident Switch (Yoke)	C	2	0	(O) May be inoperative provided IDENT selection through CDU is operational.	
54-01	VOR/ILS	D	2	1	One may be inoperative provided: a) Not required by 14 CFR, and b) Operations do not require its use.	
		C	-	0	May be inoperative provided: a) Not required by 14 CFR, and b) Operations do not require its use.	
-01	Glideslope	C	-	-	May be inoperative provided: a) Not required by 14 CFR, and b) Operations do not require its use. NOTE: "GLIDE SLOPE 1(2) FAIL" CAS message may be displayed.	

REVISION NO. 3

PAGE NO. 34-10

DATE: XX/XX/XXXX

<p>AIRCRAFT: Honda Aircraft HA-420</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
--	--

34. Navigation

Sequence No.	Item	1	2	3	4 Change Bar
55-01 ***	Automatic Direction Finder (ADF)	D	-	0	<p>May be inoperative provided procedures do not require its use.</p> <p>NOTE: "ADF FAIL" CAS message may be displayed.</p>
57-01	GPS	B	2	1	<p>May be inoperative provided:</p> <ol style="list-style-type: none"> a) Not required by 14 CFR, and b) Operations do not require its use.

REVISION NO. 3

PAGE NO. 35-1

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

35. Oxygen

Sequence No.	Item	1	2	3	4	Change Bar
00-01	Oxygen Pressure Gauge (Forward Baggage)	D	1	0	May be inoperative provided cockpit quantity display is operational.	
00-02	Remote Fill Port, Oxygen Bottle	D	1	0		
00-03	Blowout Disk	A	1	0	(O) May be missing provided: a) Oxygen quantity is verified before each flight, b) Follow normal AFM procedures, and c) Repairs are made within 2 flight days.	
10-01	Crew Mask Storage Box (Audio Switch)	B	2	0	NOTE: Oxygen EMER switch must be used to activate mask microphone.	
10-02	Oxygen Pressure Switch (Cockpit)	B	1	0	May be inoperative provided oxygen mask PRESS TO TEST button is depressed for a minimum of 5 seconds to verify oxygen flow. NOTE: "OXYGEN UNAVAILABLE" CAS message may be displayed.	
10-03	Co-pilot Oxygen Mask	C	1	0	May be inoperative provided co-pilot seat is not occupied and seat is placarded "DO NOT OCCUPY".	
20-01	Cabin Control Valve	B	1	0	May be inoperative provided: d) Select cabin control valve to "OFF" and verify no decrease in oxygen quantity, e) Cabin is not occupied, and f) Cabin seats are placarded "DO NOT OCCUPY".	
20-02	Passenger Mask Deployment System	B	-	0	Individual passenger oxygen modules may be inoperative provided associated seats are placarded "DO NOT OCCUPY".	

AIRCRAFT:		TABLE KEY			
Honda Aircraft HA-420		1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS			
36. Pneumatic					
Sequence No.	Item	1	2	3	4
00-04	HP REG Shutoff Valve (HPRSOV)	B	2	1	(O) May be inoperative provided: a) Remaining bleed is operative, b) Affected cabin inflow and engine bleed switches are selected "OFF", c) Aircraft is operated at FL 250 or below, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE 1: "L (R) ENG BLEED FAIL" CAS message may be displayed. NOTE 2: "L (R) ENG BLEED FAULT" CAS message may be displayed.
00-05	Nacelle Shutoff Valve (NPRSOV)	B	2	1	(O) May be inoperative provided: a) Remaining bleed is operative, b) Affected cabin inflow and engine bleed switches are selected "OFF", c) Aircraft is operated at FL 250 or below, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.
10-01	Flow Control Valve (FCSOV)	B	2	1	(O) May be inoperative provided: a) Remaining bleed is operative, b) Affected cabin inflow and engine bleed switches are selected "OFF", c) Aircraft is operated at FL 250 or below, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "L(R) CABIN BLEED FAIL", "L(R) CABIN BLEED FAULT", or "L(R) CABIN BLEED TEMP HIGH" CAS messages may be displayed.

REVISION NO. 3

PAGE NO. 36-2

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

36. Pneumatic

Sequence No.	Item	1	2	3	4	Change Bar
11-01	Temperature Modulating Valve	B	2	1	(O) May be inoperative provided: a) Remaining bleed is operative, b) Affected cabin inflow and engine bleed switches are selected "OFF", c) Aircraft is operated at FL 250 or below, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
11-02	Temperature Modulating Valve Temperature Sensor	B	2	1	(O) May be inoperative provided: a) Remaining bleed is operative, b) Affected cabin inflow and engine bleed switches are selected "OFF", c) Aircraft is operated at FL 250 or below, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "L(R) CABIN BLEED FAULT" CAS message may be displayed.	
11-03	Fan Air Valve	B	2	1	(O) May be inoperative provided: a) Remaining bleed is operative, b) Affected cabin inflow and engine bleed switches are selected "OFF", c) Aircraft is operated at FL 250 or below, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "L(R) ENG BLEED FAIL" CAS message may be displayed.	

REVISION NO. 3

PAGE NO. 36-3

DATE: XX/XX/XXXX

AIRCRAFT:
Honda Aircraft HA-420**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

36. Pneumatic

Sequence No.	Item	1	2	3	4	Change Bar
11-04	Fan Air Temp Sensor	B	2	1	(O) May be inoperative provided: a) Remaining bleed is operative, b) Affected cabin inflow and engine bleed switches are selected "OFF", c) Aircraft is operated at FL 250 or below, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "L(R) ENG BLEED FAIL/FAULT" CAS message may be displayed.	
11-05	Fan Air Valve Controller	B	2	1	(O) May be inoperative provided: a) Remaining bleed is operative, b) Affected cabin inflow and engine bleed switches are selected "OFF", c) Aircraft is operated at FL 250 or below, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "L(R) ENG BLEED FAIL" CAS message may be displayed.	
20-01	Manifold Press Sensor	B	2	1	(O) May be inoperative provided: a) Remaining bleed is operative, b) Affected cabin inflow and engine bleed switches are selected "OFF", c) Aircraft is operated at FL 250 or below, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "L(R) ENG BLEED FAULT" CAS message may be displayed.	

REVISION NO. 2
DATE: 05/17/2019

PAGE NO. 38-1

<p>AIRCRAFT: Honda Aircraft HA-420</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
--	--

38. Water/Waste

Sequence No.	Item	1	2	3	4	Change Bar
20-01	Dual Tank Assembly, Water	D	1	0	(O) May be inoperative provided: a) Lavatory sink is placarded "INOPERATIVE", and b) Water tank is emptied prior to flight.	
20-02	Sink Drain Assembly, Water	D	1	0	(O) May be inoperative provided: a) Lavatory sink is placarded "INOPERATIVE", and b) Water tank is emptied prior to flight.	
20-03	Pump Assembly, Water System	D	1	0	(O) May be inoperative provided: a) Lavatory sink is placarded "INOPERATIVE", and b) Water tank is emptied prior to flight.	
20-04	Faucet Assembly, Water System	D	1	0	(O) May be inoperative provided: a) Lavatory sink is placarded "INOPERATIVE", and b) Water tank is emptied prior to flight.	
20-05	Hydraulic Block Assembly, Water	D	1	0	(O) May be inoperative provided: a) Lavatory sink is placarded "INOPERATIVE", and b) Water tank is emptied prior to flight.	
30-01	Flush Pump	D	1	0	(O) May be inoperative provided: a) Lavatory toilet is placarded "INOPERATIVE", and b) Lavatory toilet is drained prior to flight.	

REVISION NO. 2
DATE: 05/17/2019

PAGE NO. 38-2

<p>AIRCRAFT: Honda Aircraft HA-420</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
--	--

38. Water/Waste

Sequence No.	Item	1	2	3	4	Change Bar
30-02	Flush Timer	D	1	0	(O) May be inoperative provided: a) Lavatory toilet is placarded "INOPERATIVE", and b) Lavatory toilet is drained prior to flight.	
30-03	Flush Switch	D	1	0	(O) May be inoperative provided: a) Lavatory toilet is placarded "INOPERATIVE", and b) Lavatory toilet is drained prior to flight.	
30-04	Toilet Assembly	D	1	0	(O) May be inoperative provided: a) Lavatory toilet is placarded "INOPERATIVE", and b) Lavatory toilet is drained prior to flight.	
30-05 ***	Lavatory Service Fittings	D	2	0	May be inoperative provided: a) Lavatory toilet is placarded "INOPERATIVE", and b) No leaks present at fittings.	
30-06 ***	Macerator	D	1	0	May be inoperative provided lavatory toilet is placarded "INOPERATIVE".	

REVISION NO. 2
DATE: 05/17/2019

PAGE NO. 52-1

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

52. Doors

Sequence No.	Item	1	2	3	4	Change Bar
10-01	KEY LOCK, Main Entry Door	D	1	0	May be inoperative provided: a) Affected door is verified fully closed, latched, and locked, and b) Corresponding "CABIN DOOR UNSAFE" CAS message is not displayed. NOTE: Word locked is referring to locking feature on latching system rather than KEY LOCK.	
30-01	KEY LOCK, FWD Baggage Door	D	1	0	May be inoperative provided: a) Affected door is verified fully closed, latched, and locked, and b) Corresponding "FWD BAG DOOR UNSAFE" CAS message is not displayed. NOTE: Word locked is referring to locking feature on latching system rather than KEY LOCK.	
30-02	KEY LOCK, AFT Baggage Door	D	1	0	May be inoperative provided: a) Affected door is verified fully closed, latched, and locked, and b) Corresponding "AFT BAG DOOR UNSAFE" CAS message is not displayed. NOTE: Word locked is referring to locking feature on latching system rather than KEY LOCK.	

57. Wings						
Sequence No.	Item	1	2	3	4	Change Bar
54-01	Winglet Triangles (Serial Numbers 42000012 thru 42000125 without SB-420-55-001)	A	36	0	(O) May be missing provided repairs are made within 150 flight-hours.	
	Winglet Triangles (Serial Numbers 42000235 and above)	A	48	0	(O) May be missing provided: a) Takeoff and landing crosswind component does not exceed 15 knots, and b) Repairs are made within 10 flight-days.	

REVISION NO. 2

PAGE NO. 73-1

DATE: 05/17/2019

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

73. Engine Fuel and Control

Sequence No.	Item	1	2	3	4	Change Bar
00-01	FADEC System					
-01	Time Limited Dispatch Faults	A	-	-	May be dispatched with system faults provided: <ol style="list-style-type: none"> a) Short time or long time dispatch item is determined within 300 flight-hours, b) Aircraft discrepancy log entry is made annotating current aircraft flight-hours, and c) Accumulated flight-hours since time of fault are subtracted from total hours allowed by dispatch item once determined. 	
-01A	SHORT TIME DISPATCH Items	A	-	-	(M) May be dispatched with system faults provided repairs are made within 300 flight-hours from initial time limited dispatch fault indication in item 73-00-01. NOTE: "L(R) ENG TLD" CAS message may be displayed.	
-01B	LONG TIME DISPATCH Items	A	-	-	(M) May be dispatched with system faults provided repairs are made within 600 flight-hours from initial time limited dispatch fault indication in item 73-00-01. NOTE: "L(R) ENG TLD" CAS message may be displayed.	

SECTION TWO

CREW ALERTING SYSTEM (CAS) MESSAGE RELIEF

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: XX/XX/XXXX	PAGE NO. 2-2
AIRCRAFT: Honda Aircraft HA-420	STATEMENT PAGE

1. Section Two of the MMEL will list only Crew Alerting system (CAS) messages meeting the following requirements:
 - a) Equipment failure indications(s) that can be used to determine the airworthiness status of the airplane.
 - b) Messages that the crew can act upon from the cockpit with simple troubleshooting procedures without the assistance of a mechanic, and for which the crew has been trained.
 - c) Messages using the new self-diagnostic technology (virtual) actions for which the crew has been trained.
2. CAS message relief items not meeting these requirements will be listed in Section One of MMEL.
3. Crew members must be trained and performing within their normal duties while completing any proviso actions listed in Section Two of this MMEL.
4. Operators may not include any relief listed in the MMEL which does not meet regulatory requirements of their operation (i.e., CAMP, operations specifications, 14 CFR specific area of operation etc.)

REVISION NO. 3

PAGE NO. 2-3

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. DISPATCH CONSIDERATION

CAS Messages

Item	1	2	Change Bar
ACARS FAIL	C	Deleted, Revision 3.	
ADF FAIL	C	Deleted, Revision 3.	
ADS B OUT 1(2) FAIL	C	Deleted, Revision 3.	
AFT BAG DOOR OPEN	C	May be displayed provided: <ul style="list-style-type: none"> a) Aft Baggage door is closed and four latch handles are flush with fuselage prior to each flight, and b) Aft Baggage door warning system is considered inoperative. <p>NOTE: "AFT BAG DOOR UNSAFE" CAS message may be displayed during taxi and flight.</p>	
AHRS 1(2) FAIL	B	Deleted, Revision 3.	
R AUDIO FAIL	C	Deleted, Revision 3.	
AUTOPILOT FAIL	C	Deleted, Revision 3.	
AUTOTHROTTLE FAIL	C	Deleted, Revision 3.	
AUTOTHROTTLE FAULT	C	Deleted, Revision 3.	
CABIN ALT CTRL FAIL	B	Deleted, Revision 3.	
CABIN ALT CTRL FAULT	B	Deleted, Revision 3.	
CABIN ALT FAULT	B	Deleted, Revision 3.	
CABIN ALT HIGH	B	Deleted, Revision 3.	
CABIN ALT HOLD	B	(O) May be displayed provided: <ul style="list-style-type: none"> a) Pressurization Control mode switch is selected to "HOLD." b) Aircraft is operated 10,000 feet MSL or below, and c) Aircraft does not pressurize more than 0.75 psid on ground after engine start. 	

REVISION NO. 3
DATE: XX/XX/XXXX

PAGE NO. 2-4

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. DISPATCH CONSIDERATION

CAS Messages

Item	1	2	Change Bar
CABIN BUS FAIL	D	(O) May be displayed provided CABIN POWER switch is selected "OFF".	
L(R) CABIN BLEED FAIL	B	Deleted, Revision 3.	
L(R) CABIN BLEED FAULT	B	Deleted, Revision 3.	
L(R) CABIN BLEED TEMP HIGH	B	Deleted, Revision 3.	
CABIN DOOR OPEN	C	May be displayed provided: <ul style="list-style-type: none"> a) Cabin door is closed and latched, b) Four visual indicators show locked (green) before each flight, and c) Cabin door warning system is considered inoperative. <p>NOTE1: "CABIN DOOR UNSAFE" CAS message may be displayed during taxi and flight.</p> <p>NOTE 2: Pressurization inhibited until aircraft is weight off wheels.</p>	
COM 1 RELAY FAULT	B	(O) May be displayed provided procedures to ensure proper radio selections are made through control display units (CDU).	
COM 1 (2) TEMP HIGH	D	Deleted, Revision 3.	
CRUISE SPD CTRL FAIL	D	Deleted, Revision 3.	
CVR FAIL	A	Deleted, Revision 3.	
DATALINK RADIO FAIL	C	Deleted, Revision 3.	
DATALINK RADIO TEMP HIGH	C	Deleted, Revision 3.	

REVISION NO. 3

PAGE NO. 2-5

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. DISPATCH CONSIDERATION

CAS Messages

Item	1	2	Change Bar
DME FAIL	D	Deleted, Revision 3.	
ECS AIR COND FAIL	C	Deleted, Revision 3.	
ECS AIR COND FAULT	C	Deleted, Revision 3.	
ECS GND COOLING FAN FAIL	C	Deleted, Revision 3.	
ELEC SRVC DOOR OPEN	C	May be displayed provided: a) Electrical service door is verified closed prior to each flight, and b) Electrical service door warning system is considered inoperative.	
EMER EXIT DOOR UNSAFE	C	May be displayed provided: a) Emergency exit door is closed and latch handle is flush with fuselage prior to each flight, and b) Emergency exit door warning system is considered inoperative.	
L(R) ENG ANTI-ICE FAIL	C	Deleted, Revision 3.	
L(R) ENG ANTI-ICE FAULT	C	Deleted, Revision 3.	
L(R) ENG BLEED FAIL	B	Deleted, Revision 3.	
L(R) ENG BLEED FAULT	B	Deleted, Revision 3.	
L(R) ENG TLD	A	Deleted, Revision 3.	
ENG SYNC FAIL	D	May be displayed.	

REVISION NO. 3
DATE: XX/XX/XXXX

PAGE NO. 2-6

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. DISPATCH CONSIDERATION

CAS Messages

Item	1	2	Change Bar
FDR FAIL	A	Deleted, Revision 3.	
FLAP DEGRADE	C	May be displayed provided: a) Message is displayed only during flap operation, b) During flap operation, no other flap CAS message is displayed, c) Flap indication on Aircraft System Information (ASI) is operative, and a) Flaps are visually checked for functionality before each flight.	
FUEL ISO VALVE CLOSED	C	Deleted, Revision 3.	
FUEL ISO VALVE OPEN	B	Deleted, Revision 3.	
FWD BAG DOOR OPEN	C	May be displayed provided: a) Forward baggage door is verified closed and four latch handles are flush with fuselage prior to each flight, and b) Forward baggage door warning system is considered inoperative. NOTE: "FWD BAG DOOR UNSAFE" CAS message may be displayed during taxi and flight.	
GLIDE-SLOPE 1(2) FAIL	C	Deleted, Revision 3.	
HYD FLUID OVERFILL	B	(M) May be displayed provided main hydraulic reservoir is verified serviced to proper level before each flight.	

REVISION NO. 3
DATE: XX/XX/XXXX

PAGE NO. 2-7

AIRCRAFT:
Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. DISPATCH CONSIDERATION

CAS Messages

Item	1	2	Change Bar
ICE DETECT FAIL	C	Deleted, Revision 3.	
ICE DETECT FAULT	C	Deleted, Revision 3.	
LDG GEAR DESPIN FAIL	C	(O) Press on brake pedals after takeoff to stop wheel movement before retracting landing gear.	
LIGHTING CONTROL 1 FAIL	C	May be displayed provided aircraft is operated between sunrise and sunset only. NOTE: Following lights will be inoperative: left belly landing/taxi light, left and optional right ice inspection light, left-right-tail position (navigation) lights, belly ground recognition beacon light, and right wing taxi light.	
L(R) MIC STUCK ON	A	May be displayed provided: a) Flight Deck Hand Microphone is installed and operates normally. b) Repairs are made in accordance with applicable regulations.	
	C	Flight Deck Hand Microphone may be inoperative provided associated boom microphone operated normally.	
OXYGEN UNAVAILABLE	B	Deleted, Revision 3.	
ROLL TRIM FAULT	C	May be displayed provided position indication on Aircraft System Information (ASI) is operative.	
SATCOM FAIL	D	Deleted, Revision 3.	
SPEEDBRAKE FAIL	C	Deleted, Revision 3.	
STABILITY & PROT FAIL	C	If displayed, turn STABILITY & PROT "OFF" through control display unit (CDU).	
STABILIZED APPR FAIL	C	May be displayed.	
SURFACEWATCH FAIL	C	May be displayed.	

REVISION NO. 3

PAGE NO. 2-8

DATE: XX/XX/XXXX

AIRCRAFT:

Honda Aircraft HA-420

TABLE KEY

1. REPAIR CATEGORY
2. DISPATCH CONSIDERATION

CAS Messages

Item	1	2	Change Bar
TAIL DE-ICE FAIL	C	Deleted, Revision 3.	
TAIL DE-ICE FAIL ON	C	Deleted, Revision 3.	
TAIL DE-ICE FAULT	C	Deleted, Revision 3.	
TRANSPONDER 1(2) FAIL	B	Deleted, Revision 3.	
WINDSHEAR FAIL	B	(O) May be displayed provided alternate procedures are established and used.	
		NOTE: Operator's alternate procedures should be included reviewing windshear avoidance and windshear recovery procedures.	
WING ANTI-ICE FAIL	C	Deleted, Revision 3.	
WING ANTI-ICE FAULT	C	Deleted, Revision 3.	
L(R) WING ANTI-ICE TEMP LOW	C	Deleted, Revision 3.	
L(R) WING A/I TEMP LOW	C	Deleted, Revision 3.	
WING ANTI-ICE UNAVAIL	C	Deleted, Revision 3.	
WEATHER RADAR FAIL	D	Deleted, Revision 3.	
L(R) WSHD ZONE FAIL	C	Deleted, Revision 3.	
L(R) WSHD ZONE FAULT	C	Deleted, Revision 3.	
L(R) WSHD ZONE OVERHEAT	C	Deleted Revision 3.	
XM DATALINK FAIL	D	Deleted, Revision 3.	
YAW TRIM FAULT	C	May be displayed provided position indication on Aircraft System Information (ASI) is operative.	