U.S. Department of Transportation Federal Aviation Administration

Washington, DC

Master Minimum Equipment List (MMEL)

Revision: 1 Date: 11/30/2016

** FOR 14 CFR PART 91 and 135 OPERATIONS ONLY **

Honda Aircraft Company HA-420

Donald Thorstensen, Chair Flight Operations Evaluation Board (FOEB)

Federal Aviation Administration (FAA)
Kansas City Aircraft Evaluation Group (MKC-AEG)
901 Locust Street, Department of Transportation Building
Kansas City, MO 64106

Telephone: (816) 329-3233 Fax: (816) 329-3241

U.S. DEPARTMENT OF TRANSPORTATION

MASTER MINIMUM EQUIPMENT LIST

FEDERAL AVIATION ADMINISTRATION

AIRCRAFT: REVISION NO. 1 PAGE NO.
Honda Aircraft HA-420 DATE: 11/30/2016 I

Tionaa 7	MOIGHT 177 120 D7 17 E. 11/00/	2010		•
	TABLE OF CONTENTS AND	CONTROL PA	GE	
SYSTEM NO.	SYSTEM CHAPTER	PAGE NO.	REV NO.	DATE
	Table of Contents	1	1	11/30/2016
	Control Page	I	1	11/30/2016
	Log of Revisions	П	1	11/30/2016
	Highlights of Change	Ш	1	11/30/2016
	Definitions	IV	1	11/30/2016
	Preamble	V	1	11/30/2016
	Guidelines for (M) and (O) Procedures	VI	1	11/30/2016
21	Air Conditioning	21-1 thru 2	1	11/30/2016
22	Autoflight	22-1	1	11/30/2016
23	Communications	23-1 thru 4	1	11/30/2016
24	Electrical Power	24-1	1	11/30/2016
25	Equipment/Furnishings	25-1 thru 5	1	11/30/2016
27	Flight Controls	27-1	1	11/30/2016
28	Fuel	28-1	1	11/30/2016
29	Hydraulic Power	29-1	1	11/30/2016
30	Ice and Rain Protection	30-1 thru 4	1	11/30/2016
31	Instruments	31-1 thru 4	1	11/30/2016
32	Landing Gear	32-1	1	11/30/2016
33	Lights	33-1 thru 3	1	11/30/2016
34	Navigation	34-1 thru 10	1	11/30/2016
35	Oxygen	35-1	1	11/30/2016
36	Pneumatics	36-1 thru 3	1	11/30/2016
38	Water/Waste	38-1 thru 2	1	11/30/2016
52	Doors	52-1	1	11/30/2016
73	Engine Fuel and Control	73-1	1	11/30/2016
			1	11/30/2016
	SECTION 2		1	11/30/2016
	CAS Messages	2-1 thru 9	1	11/30/2016

U.S. DEPAR	TMENT OF TRA	NSPOR'		TER MINIMUM EQI	UIPMENT LIST
FEDERAL A	VIATION ADMIN	ISTRAT			
AIRCRAFT:			REVISION NO. 1	PAGE NO.	
HONDA	AIRCRAFT HA-4	120	DATE: 11/30/2016		
			LOG OF REVISIONS		
REV NO.	DATE		PAGE NI	JMBERS	
Original	05/04/2016	Origina	l Issue.		
1	11/30/2016	Comple	ete Revision, All Pages.		

U.S. DEP	ARTMENT OF TRANSPOR	_	STER MINIMUM EQUIPMENT LIST
FEDERAL	. AVIATION ADMINISTRAT		TER WINNINGWI EQUIT MENT EIGT
AIRCRAFT		REVISION NO. 1	PAGE NO.
Hor	nda Aircraft HA-420	DATE: 11/30/2016	III
	F	IIGHLIGHTS OF CHANGE	
	ng changes are the Highlight ations Evaluation Board (FO		. It is the result of an electronic
PAGE		EXPLANATION OF CHA	NGE
ALL	Entire document is reforma and rotorcraft.	atted, using Version 4 of the	MMEL templates for both airplanes

U.S. DEPARTMENT OF TRANSPOR		TED BAILUBAL IBA	EQUIDMENT LIGT
FEDERAL AVIATION ADMINISTRAT		STER MINIMUM	EQUIPMENT LIST
AIRCRAFT:	REVISION NO. 1	PAGE NO:	
Honda Aircraft HA-420	DATE: 11/30/2016		IV
	DEFINITIONS		

The Definitions must be inserted here in each Minimum Equipment List (MEL) from current FAA MMEL Policy Letter PL-25, MMEL DEFINITIONS in accordance PL-25 Appendix B.

The 14 CFR Regulatory requirements applicable to specific MMEL chapters can be found in PL-25 Appendix A. Regulatory requirements must be incorporated into specific MEL relief by the MEL user in accordance with the kinds of operations being conducted by the user.

U.S. DEPARTMENT OF TRANSPOR			
FEDERAL AVIATION ADMINISTRAT		STER MINIMUN	I EQUIPMENT LIST
AIRCRAFT:	REVISION NO. 1	PAGE NO:	
Honda Aircraft HA-420	DATE: 11/30/2016		V
	PREAMBLE		

The applicable Preamble must be inserted here in each Minimum Equipment List (MEL) from current FAA MMEL Policy Letter PL-34, MMEL AND MEL PREAMBLE or PL-36, 14 CFR PART 91MEL APPROVAL AND PREAMBLE.

U.S. DEPARTMENT OF TRANSPOR		STER MINIMUM EQUIPMENT LIS	ST
FEDERAL AVIATION ADMINISTRAT	ION		
AIRCRAFT:	REVISION NO. 1	PAGE NO:	
Honda Aircraft HA-420	DATE: 11/30/2016	VI	
GUIDELINE	S FOR (M) AND (O) PROC	EDURES	

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 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:

Guidelines for (M) and (O) Procedures should be based on the Maintenance and Operational Procedures for the Minimum Equipment List, Honda Aircraft Company (M) and (O) Procedures, published by Honda Aircraft.

AIRCRAFT:	VIATION ADMINISTRATIO				IO. 1 PAGE NO.	
Hono	da Aircraft HA-420				1/30/2016 21-1	
SYSTEM &	17514	1. REPAIR CATEGORY 2. NUMBER INSTALLED				
SEQUENCE NO.	ITEM			3.1	NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
21. AIR CON	T	1	T	T	Change	
Sequence No.	Item	1	2	3	4 Bar	
21-01	Cockpit Evaporator Fan	С	1	0	(O) May be inoperative provided: a) Cabin evaporator fan and air conditioning system are operative, b) Cockpit temperature does not exceed 40 degrees C, and c) Cockpit Evaporator Fan is disabled. NOTE: "ECS AIR COND FAULT" CAS Message will be displayed.	
21-02	Cabin Evaporator Fan	С	1	0	(O) 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 the ground, b) Cockpit temperature does not exceed 40 degrees 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 will be displayed.	

AIRCRAFT:	VIATION ADMINISTRATI la Aircraft HA-420			ON N	O. 1 PAGE NO. 21-2	
110110	a Allcraft FIA-420	BABA			E KEY	
SYSTEM & SEQUENCE NO. 21. AIR CON	ITEM		REP/	AIR O	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chang
32-01	Cabin Pressurization Data Unit	В	1	0	(O) May be inoperative provided: a) "CABIN ALT CTRL FAIL" CAS message is not displayed, and b) All Cabin Pressure indications on ASI are operative.	Bar
33-01	Outflow Valve Assy	В	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 ASI is verified, and c) Aircraft is not operated above 10,000 feet MSL. 	
50-01	Compressor Drive Module	C	1	0	 (M)(O) May be inoperative provided: a) Cockpit temperature does not exceed 40 degrees C, b) Cockpit/cabin fans and temperature control systems are operative, and c) Compressor Drive Module has been disabled. NOTE: "ECS AIR COND FAIL" CAS Message will be displayed. 	

AIRCRAFT:	VIATION ADMINISTRATIC		VISIO)N N	IO. 1 PAGE NO.	
	da Aircraft HA-420				1/30/2016 22-1	
		ММ	EL T	ABL	E KEY	
SYSTEM &		1. F	$\overline{}$		CATEGORY	
SEQUENCE	ITEM	2. NUMBER INSTALLED				
NO.				3. [NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
22. AUTOFL	IGHT				4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chang
00-03	TO/GA Switch	С	2	1		
10-01	Autopilot Disengage/ Acknowledge Switch (YOKE)	С	2	1	May be inoperative provided left side Autopilot Disengage/Acknowledge switch is operational for single pilot operations.	
10-02	Autopilot System	С	-	0	May be inoperative provided operations do not require its use.	
					NOTE: "AUTOPILOT FAIL" CAS Message may be displayed.	
10-03	Control Wheel Steering (CWS) Switch	С	2	0		
16-01	AFCS/Trim Master Switch	С	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		

VIATION ADMINISTRATIO					
	RE\			IO. 1 PAGE NO.	
da Aircraft HA-420		DAT	E: 1	1/30/2016 23-1	
	MM	EL T	ABL	E KEY	
	1. F	REP/	AIR (CATEGORY	
ITFM		2.1			
11 E.W			3.1		
AUG A TIGNIO		<u> </u>		4. REMARKS OR EXCEPTIONS	
				1.	Chang
				4	Bar
Satellite Communication System	D	1	0		
Communication System (VHF)	D	-	-	Any in excess of those required by 14 CFR may be inoperative provided it is not powered by the Emergency AC Bus, Emergency DC Bus, Battery Bus, Battery Direct Bus, or the DC Transfer Bus and not required for emergency procedures.	
				NOTE: Com 1 is the only VHF communication system that is powered by one of the critical busses listed above.	
CPDLC	С	1	0	(O) May be inoperative provided procedures do not require its use.	
				NOTE: "CPDLC FAIL" CAS Message may be displayed.	
XM Weather	D	-	0	NOTE: "XM DATALINK FAIL" CAS Message may be displayed.	
XM Radio	D	-	0	NOTE: "XM DATALINK FAIL" CAS Message may be displayed.	
Cabin Speakers	С	2	0		
Passenger Address (PA)	С	1	0	(O)May be inoperative provided: a) PA not required by FAR, and b) Alternate, normal, and emergency procedures, and/or operating restrictions are established and used.	
	ITEM Item Satellite Communication System Communication System (VHF) CPDLC XM Weather XM Radio Cabin Speakers Passenger Address	ITEM ITEM ITEM ITEM Item Satellite Communication System Communication System (VHF) CPDLC CPDLC CPDLC CDDLC CDLC CDDLC CDDLC CDDLC CDDLC CDDLC CDDLC CDDLC CDDLC CDDLC	TEM	TEM 1 REPAIR (2. NUM 3. I 2 3 3 3 3 3 3 4 4 5 5 5 5 5 5 5 5	ITEM TABLE KEY 1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS Item

	TMENT OF TRANSPORTA		N		MASTE	R MINIMUM EQUIPMENT	LIST
	VIATION ADMINISTRATIO		"016		0.1	DAGE NO	
AIRCRAFT:	da Aircraft HA-420	KE\		ON N	O. 1 1/30/2016	PAGE NO. 23-2	
110110	a All Clait I IA-420					25-2	
					E KEY		
SYSTEM &		1. F			CATEGORY BER INSTALLI	En	
SEQUENCE	ITEM		2. 1			UIRED FOR DISPATCH	
NO.				3.1		OR EXCEPTIONS	
23. COMMUI	NICATIONS				1.112	OI (EXCEL HOLL)	
Sequence No.	Item	1	2	3	4		Change Bar
	Holder of an Air Carrier or Commercial Operator Certificate						
	Flight Deck Headsets Earphones/Headphones and Boom Microphones						
50-01	Headset Boom Microphones	A	-	0	a) Assoc installe and b) Repail	rative provided: iated hand microphone is ed and operates normally, rs are made within t days.	
		D	-	-		s of those required by be inoperative.	
50-02	Headset Earphones/ Headphones	С	-	1		rative provided associated eaker operates normally.	
		D	-	-	1	s of those required by be inoperative.	
50-03	Active Noise Canceling/ Reduction Function	D	-	0		rative provided normal of headset is operative.	
50-04	Flight Deck Hand Microphones	С	-	0		rative provided associated none operates normally.	
		D	-	0		s of those required by be inoperative.	

AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	O. 1 PAGE NO.	
	da Aircraft HA-420				1/30/2016 23-3	
		_			E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	DATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
23. COMMU	NICATIONS				,	
Sequence No.	Item	1	2	3	4	Chan Bar
	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	С	-	1	May be inoperative provided associated flight deck speaker operates normally.	
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	С	-	0	May be inoperative provided associated boom microphone operates normally.	
		D	-	-	Any in excess of those required by 14 CFR may be inoperative.	

AIRCRAFT:	VIATION ADMINISTRATI			ON N		
Hono	da Aircraft HA-420				1/30/2016 23-4	
SYSTEM & SEQUENCE NO.	ITEM		REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS		BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
23. COMMUI		<u> </u>	1	1		Chang
Sequence No.	Item	1	2	3	4	Bar
50-10	Remote Audio Panel (RAP)	A	2	1	 (O) May be inoperative provided: a) Left remote audio panel is operational, b) Aircraft is operated single pilot, and c) Repairs are made within 3 flight legs. NOTE: "R AUDIO FAIL" CAS Message may be displayed. 	
50-11	PTT Switch	С	4	2	(O) May be inoperative provided one operational PTT switch (glare shield or control yoke) is available on each side.	
		С	4	1	(O) May be inoperative provided: a) One operational PTT switch (glare shield or control yoke) on the left side is available, and b) Aircraft is operated single pilot.	
50-12	Cockpit Speaker	С	2	1	 (O) May be inoperative provided: a) Left side speaker is operational, b) Aircraft is operated from the left seat, and c) For two pilot operations, the copilot must use an operational headset. 	
60-01	Static Dischargers	С	13	12	(O) Static discharger (wick) may be missing from Fin Cap.	

U.S. DEPAR	TMENT OF TRANSPORTA	TIOI	V		MASTE	R MINIMUM EQUIPMENT	LIST
FEDERAL A	VIATION ADMINISTRATIO						2.01
AIRCRAFT:		RE'	VISIC			PAGE NO.	
Hono	da Aircraft HA-420				1/30/2016	24-1	
					E KEY		
SYSTEM &		1.1			CATEGORY BER INSTALLI	ED.	
SEQUENCE	ITEM		2. 1			UIRED FOR DISPATCH	
NO.						OR EXCEPTIONS	
24. ELECTRI	ICAL POWER						
Sequence No.	Item	1	2	3	4		Change Bar
22-01 ***	Cabin Inverter	D	-	0		e inoperative provided ter is deactivated.	
					NOTE: Any ou may be	utlets that are operational e used.	
40-01	External Power	D	1	0		rative provided ground not require its use.	

AIRCRAFT:	VIATION ADMINISTRATION			ON N		
Hono	da Aircraft HA-420		DAT	E: 1	1/30/2016 25-1	
					E KEY	
SYSTEM &		1. 1			CATEGORY	
SEQUENCE	ITEM		2. 1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				J. 1	4. REMARKS OR EXCEPTIONS	
25. EQUIPM	ENT/FURNISHINGS				I HEIM WING ON EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chan
00-01 ***	Non-Essential Equipment and Furnishings (NEF)	С	-	0	May be inoperative, damaged, or missing provided the item(s) is deferred in accordance with the operator's NEF deferral program. The NEF program, procedures, and processes are outlined in the operators (insert name) Manual. (M) & (O) procedures, if required, must be available to the flightcrew and included in the operator's appropriate document. NOTE: Exterior Lavatory Door Ashtrays are not considered NEF Items.	
10-01	Cabin/Cockpit Curtain	D	-	0	(O) May be missing or inoperative provided cabin wash lights remain off during night flight.	
10-02	Copilot Seat	D	1	0	 (O) Copilot 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	Copilot Seat Belt	D	1	0	 (O) Copilot 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. 	

AIRCRAFT:		RE\		ON N		
Hono	da Aircraft HA-420		DAT	E: 1	1/30/2016 25-2	
					E KEY	
SYSTEM &		1. F			DATEGORY BER INSTALLED	
SEQUENCE	ITEM		2. 1		NUMBER REQUIRED FOR DISPATCH	
NO.				0.1	4. REMARKS OR EXCEPTIONS	
25. EQUIPM	ENT/FURNISHINGS					
Sequence No.	Item	1	2	3	4	Chang Bar
10-04	Crew Seat Armrest	С	1	0	(O) May be inoperative or missing and seat occupied provided armrest does not impede crew egress.	
10-05	Crew Seat Headrest	С	1	0	(O) May be inoperative and seat occupied provided headrest is in a position acceptable to crewmember.	
10-06	Crew Seat Thigh Control	С	1	0	(O) May be inoperative and seat occupied provided thigh adjustment is in a position acceptable to crewmember.	
10-07	Crew Seat Lumbar Control	С	1	0	(O) May be inoperative and seat occupied provided lumbar adjustment is in a position acceptable to crewmember.	
10-08	Sun Visor	D	2	0	(O) May be inoperative provided the 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 providing one on each side is operable.	

AIRCRAFT:	VIATION ADMINISTRATI da Aircraft HA-420				IO. 1 1/30/2016	PAGE NO. 25-3	
ПОПС	Ja AllClaft HA-420					20-3	
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR (NUM		ED UIRED FOR DISPATCH OR EXCEPTIONS	
	ENT/FURNISHINGS	1 4			4		Chang
20-03	Cabin Seat (Includes Side Facing Seat)	D	-	0	(O) May be in a) Seat of Emerg b) Affector placar c) Affector remain takeof seatbo	noperative provided: does not block an gency Exit, ed seat is blocked and rded inoperative, and ed seat is latched and ns unoccupied during taxi, if, landing, or when the elt sign is illuminated. t with an inoperative Seat r Headrest is considered rative.	Bar
20-04	Cabin Seat Recline Mechanism	D	1	0		noperative and seat vided seat back is latched ght position.	
20-05	Cabin Seat Slide Mechanism	D	1	0		noperative and seat vided seat is latched in the position.	
20-06	Cabin Seat Armrest	D	1	0		noperative or missing and diprovided armrest does not ergency Exit.	

AIRCRAFT:	VIATION ADMINISTRATIO		VISIC		O. 1 PAGE NO. 25-4	
TIOTIC	a AllClait I IA-420	8484				
SYSTEM & SEQUENCE NO.	ITEM ENT/FURNISHINGS	_	REP	AIR (NUM	E KEY CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chang
20-07	Table	D	2	0	(O) May be inoperative provided the table is in the stowed position.	Bar
20-08	Cabinet	С	3	0	 (O) May be inoperative provided: a) Procedures are established to secure compartment closed, b) Any emergency equipment located in the compartment is considered inoperative, c) Affected compartment is not used for stowage except for permanently affixed items, and d) Affected cabinet is prominently placarded "DO NOT USE". 	
40-01	Lav Door	D	1	0	(O) May be inoperative provided door is latched fully open or closed.	
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 Assy	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.	

AIRCRAFT:	VIATION ADMINISTRAT da Aircraft HA-420		VISIC		O. 1 PAGE NO. 25-5	
110110	AII OI AII TIA 720	BABA				
SYSTEM & EQUENCE NO.	ITEM	1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS		BER INSTALLED NUMBER REQUIRED FOR DISPATCH		
25. EQUIPMI	ENT/FURNISHINGS	,	,	,		
Sequence No.	Item	1	2	3	4	Chang Bar
62-01-01	Emergency Locator System Fixed ELT	A	1	0	(M) May be inoperative provided:a) System is deactivated, andb) Repairs are made within90 days.	
		A	1	0	(M) May be missing provided repairs are made within 90 days.	
		D	-	-	(M) Any in excess of those required by 14 CFR may be inoperative provided system is deactivated.	
		D	-	-	Any in excess of those required by 14 CFR may be missing.	
62-01-02 ***	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. 	

AIRCRAFT:	VIATION ADMINISTRATI da Aircraft HA-420				IO. 1 1/30/2016	PAGE NO. 27-1	
11011	34 / WOTAIL 11/1 420	ММ			.E KEY	21 1	
SYSTEM & SEQUENCE NO.	ITEM	1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS					
Sequence No.	Item	1	2	3	4		Chang
00-01	Yoke Trim Switch	В	2	1	May be inope	rative provided Yoke Trim rational for pilot flying side.	Bar
20-01	Rudder Pedal Adjustment	С	4	0	a) Each pedals b) Affector detent c) Each or affector control	crewmember's rudder s are adjusted equally, ed pedal is latched in a t, and crewmember seated at ed station verifies full oll movement and brake ation is available while ined prior to each flight.	
60-01	Speed Brake Control Switch	C	1	0	a) Speed position b) Speed	e inoperative provided: d Brake position and switch on agree, and d Brakes are deactivated in tracted position.	

AIRCRAFT:	<u>VIATION ADMINISTRATI</u> da Aircraft HA-420		VISIC		O. 1 PA	AGE NO. 28-1	
ПОПС	ad Allicialt FIA-420	DADA.			_	20-1	
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR O	E KEY CATEGORY BER INSTALLED NUMBER REQUIR 4. REMARKS OR	ED FOR DISPATCH	
28. FUEL			1	1			Lau
Sequence No.	Item	1	2	3	4		Chang Bar
10-01	Fuel Cap Lanyard	D	1	0		roken provided fuel nd verified closed and ight.	
10-02	Fuel ISO Valve						
	(OPEN)	В	1	0	(O) May be inoper Fuselage tank ren		
	(CLOSED)	В	1	0		RL FAULT"	
					tank will fil tanks. Boo operated t tanks. C/T	Il prior to wing and C/T ost pumps must be to completely fill wing will only fill to ately 600 lbs.	
41-01 ***	External Fuel Gauge	D	1	0			I

AIRCRAFT:	VIATION ADMINISTRATIC		VISIO			
Hono	da Aircraft HA-420		DAT	E: 1	1/30/2016 29-1	
					E KEY	
SYSTEM &		1. F			CATEGORY BER INSTALLED	
EQUENCE	ITEM		2.1		NUMBER REQUIRED FOR DISPATCH	
NO.				0. 1	4. REMARKS OR EXCEPTIONS	
29. HYDRAU	ILIC POWER					
Sequence No.	Item	1	2	3	4	Chan Bar
00-01	HYD FLUID LEVEL	В	-	-	(M) May be displayed provided main	
	LOW CAS Message				hydraulic reservoir is verified serviced t	0
					proper level before each flight.	
00-02	HYD FLUID OVERFILL	В	_	_	(M) May be displayed provided main	ı
00 02	CAS Message				hydraulic reservoir is verified serviced t	o İ
	•				proper level before each flight.	į
10-01	Ecology Bottle	D	1	0		
10-01	Loology Dottic		•			1
		1	Ī	1		

AIRCRAFT:	VIATION ADMINISTRAT la Aircraft HA-420			ON N	O. 1 PAGE NO. 30-1	
ПОПС	AIICIAIL HA-420	D.A.D.A.			.E KEY	
SYSTEM & SEQUENCE NO.	ITEM RAIN PROTECTION		1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS			
Sequence No.	Item	1	2	3	4	Chang
10-01	Wing Anti-Ice Valve	С	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 Cross-Flow Valve	С	1	0	 (O) 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. 	
10-03	Wing Anti-Ice Temp Sensor	C	4	0	 (O) 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 FAULT or WING ANTI-ICE FAIL" CAS Message may be displayed. 	

AIRCRAFT:	VIATION ADMINISTRATION				O. 1 PAGE NO.	
Hono	da Aircraft HA-420				1/30/2016 30-2	
					.E KEY Category	
SYSTEM & SEQUENCE NO.	ITEM			MUN	BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
30. ICE AND	RAIN PROTECTION				4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Chan
10-04	De-Ice Control Unit	С	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: "TAIL DE-ICE FAIL" CAS Message may be displayed.	
11-01	Energy Storage Bank	С	1	0	 (O) May be inoperative provided: a) Tail De-Ice system is selected "OFF", and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. 	
12-01	De-Ice Actuator	С	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.	
		С	20	0	(O) Two or more may be inoperative provided: a) Tail De-Ice system is selected "OFF", and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	

AIRCRAFT:	VIATION ADMINISTRAT da Aircraft HA-420			_	IO. 1 1/30/2016	PAGE NO.	
ПОПС	aa Aliciait HA-420	BABA				30-3	
SYSTEM & SEQUENCE NO.	ITEM RAIN PROTECTION		REP	AIR (NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4		Chang
20-01	Cowl Anti-Ice Valve (OPEN)	С	2	0	a) ENG / "ON" r b) AFM " is use	noperative provided: Anti-Ice switch is in the position, and fA/I ON" performance data d. AFM performance data.	
	Cowl Anti-Ice Valve (CLOSED)	С	2	0	a) ENG A "OFF" b) Cowl A closed c) Aircra	ft is not operated in known, ast, or AFM-defined icing	
						ENG ANTI-ICE FAIL" CAS age may post if IBIT fails.	
20-02	Cowl Anti-Ice Press Sensor	С	2	0	a) ENG / "OFF" b) Aircra	noperative provided: Anti-Ice switch is in the position, and ft is not operated in known, ast, or AFM-defined icing ions.	
						ENG ANTI-ICE FAULT" Message may be displayed.	

US DEPAR	TMENT OF TRANSPORTA	TIOI	N			
			•		MASTER MINIMUM EQUIPMENT LIST	Т
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	N NC	O. 1 PAGE NO.	
	da Aircraft HA-420				1/30/2016 30-4	
		ММ	EL T	ABL	E KEY	
SYSTEM &		1. F			CATEGORY	
SEQUENCE	ITEM		2.1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH	
NO.				J. 1	4. REMARKS OR EXCEPTIONS	
30. ICE AND	RAIN PROTECTION				'	
Sequence No.	Item	1	2	3	4 Char Ba	
20-03	Cowl Anti-Ice Temp Sensor	С	2	0	(O) May be inoperative provided: a) ENG Anti-Ice switch is in the "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	С	2	1	(O) May be inoperative provided: a) WSHLD HEAT L(R) switch is in the "OFF" position, b) Alternate means of window defogging is used, and c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
80-01	Ice Detector	С	2	1	(O) May be inoperative provided aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "ICE DETECT FAULT" CAS Message may be displayed.	
		С	2	0	(O) May be inoperative provided aircraft is not operated in known, forecast, or AFM-defined icing conditions. NOTE: "ICE DETECT FAIL" CAS Message may be displayed. NOTE: All Automatic Ice protection will be inoperative.	

	RTMENT OF TRANSPORTA		N		MASTER MINIMUM EQUIPMENT LIST
FEDERAL A' AIRCRAFT:	VIATION ADMINISTRATIO	_	יופור	<u> </u>	NO. 1 PAGE NO.
	da Aircraft HA-420	KE			11/30/2016 PAGE NO. 31-1
		MM			LE KEY
OVOTEM 0		_			CATEGORY
SYSTEM & SEQUENCE	ITEM		2. 1		MBER INSTALLED
NO.	I I LIVI			3.1	NUMBER REQUIRED FOR DISPATCH
31. INSTRUM	MENTO				4. REMARKS OR EXCEPTIONS
Sequence No.	Item	1	2	3	4 Change
30-01	Flight Data Recorder	C		-	Any in excess of those required by
***	(FDR) System		-	-	14 CFR may be inoperative.
	(For a Holder of an Air Carrier or Commercial Operator Certificate)				
		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 the operator's MEL unless: 1. The FDR failure occurs after pushback but prior to takeoff, or 2. The FDR repair was attempted but not successful. c) In those cases where repair is attempted but not successful, the aircraft may be dispatched on a flight or series of flights until the next designated airport where repair must be accomplished prior to dispatch, and d) Repairs are made within 3 flight days. (Continued)

	VIATION ADMINISTRATIO	N REVISION NO. 1 PAGE NO.							
AIRCRAFT: Hond	da Aircraft HA-420	KE	DATE: 11/30/2016 PAGE NO. 31-2						
		ММ	MMEL TABLE KEY						
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS				
31. INSTRUI			•			Change			
30-01 ***	Flight Data Recorder (FDR) System (Cont'd)	1	2	3	4	Bar			
	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	С	-	1	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)					 			
		Α	-	0	May be inoperative provided repairs are made in accordance with 14 CFR.				
40-01	Electronic Checklist (ECL)	D	-	0	(O) May be inoperative provided Hard Copy checklist is available and used.				
40-02	Chime Mute Button	С	2	0		I			

Honda Aircraft HA-420 DATE: 11/30/2016 31-3		PAGE NO.	NO. 1	1018		VIATION ADMINISTRATIO	AIRCRAFT:
1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS 4. REMARKS OR EXCEPTION 4. REMARKS OR EXCEPTION 4. REMARKS OR EXCE				da Aircraft HA-420			
SYSTEM & SEQUENCE NO. ITEM SEQUENCE NO. ITEM 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS 31. INSTRUMENTS Sequence No. Item 1 2 3 4 40-03 Display Reversion Switch C 2 1 (O) May be inoperative provided: a) Left side display reversion switch is operational, and b) Aircraft is operated from the left seat. 40-04 Yoke, System Control Button B 2 1 The left side Master Caution Lights must be operational for single pilot operations. 50-02 Master Warning Lights B 2 1 The left side Master Warning Lights must be operational for single pilot operations. 60-01 Mode Control Panel							
31. INSTRUMENTS Sequence No. Item 1 2 3 4 40-03 Display Reversion Switch C 2 1 (O) May be inoperative provided: a) Left side display reversion switch is operational, and b) Aircraft is operated from the left seat. 40-04 Yoke, System Control Button B 2 1 The left side Master Caution Lights mube operational for single pilot operational for single pilot operations. 50-02 Master Warning Lights B 2 1 The 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		-n			1. R		SYSTEM &
31. INSTRUMENTS Sequence No. ttem						ITEM	
Sequence No. Item							NO.
40-03 Display Reversion Switch C 2 1 (O) May be inoperative provided: a) Left side display reversion switch is operational, and b) Aircraft is operated from the left seat. 40-04 Yoke, System Control Button B 2 1 The left side Master Caution Lights must be operational for single pilot operations. 50-02 Master Warning Lights B 2 1 The 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 C 1 0			,			MENTS	31. INSTRUM
Switch a) Left side display reversion switch is operational, and b) Aircraft is operated from the left seat. 40-04 Yoke, System Control Button 50-01 Master Caution Lights B 2 1 The left side Master Caution Lights must be operational for single pilot operations. 50-02 Master Warning Lights B 2 1 The 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 C 1 0 C 1 0	Chan Bar		4	2	1	Item	Sequence No.
Button 50-01 Master Caution Lights B 2 1 The left side Master Caution Lights mube operational for single pilot operation 50-02 Master Warning Lights B 2 1 The 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	ĺ	de display reversion switch ational, and	(-)	2	С		40-03
be operational for single pilot operation 50-02 Master Warning Lights 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	 			2	С		40-04
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				2	В	Master Caution Lights	50-01
-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			mus	2	В	Master Warning Lights	50-02
-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	I					Mode Control Panel	60-01
-03 CSC Button C 1 0 -04 BANK Button C 1 0 -05 ALT Button C 1 0	; <u> </u>	•	_	2	С	CRS Knob	-01
-04 BANK Button C 1 0 -05 ALT Button C 1 0	I				С	SPD SEL Knob	-02
-05 ALT Button C 1 0	I				С	CSC Button	-03
	I				С	BANK Button	-04
(Continued)					С	ALT Button	-05
			(Coi				

1101	da Aircraft HA-420	KE			10. 1 1/20/2016	PAGE NO.			
	ua Aliciail HA-420	5454	DATE: 11/30/2016 31-4						
SYSTEM & SEQUENCE NO.	ITEM		1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS						
31. INSTRU	MENTS								
Sequence No.	Item	1	2	3	4		Chang Bar		
60-01	Mode Control Panel (Cont'd)						1		
-06	VNV Button	С	1	0	May be inope do not require	rative provided operations e its use.			
-07	FD Button	С	2	0	May be inope do not require	rative provided operations its use.			
-08	VS Button	С	1	0	May be inope is operative.	rative provided FLC Button			
-09	FLC Button	С	1	0	May be inope is operative.	rative provided VS Button			
-10	CPL Button	В	1	0	May be inope operated from	rative provided aircraft is left seat.			
-11	Pitch Wheel	С	1	0	May be inope is operative.	rative provided FLC Button			
60-02	BARO SET Knob	В	2	1	a) Left side pilot op b) Baro s	rative provided: de is operative for single peration, and sync function is operative elected.	 		

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		MASTE	R MINIMUM EQUIPMENT LIST
	VIATION ADMINISTRATIO					
AIRCRAFT:	la Aircraft HA-420	RE\	/ISIC			PAGE NO.
Hono	ia Aircrait HA-420				1/30/2016	32-1
					E KEY	
SYSTEM &		1. F			CATEGORY BER INSTALLI	ED.
SEQUENCE	ITEM		2. 1			UIRED FOR DISPATCH
NO.				J. 1		OR EXCEPTIONS
32. LANDING	GEAR					
Sequence No.	Item	1	2	3	4	Chanç Bar
40-01	Brake Wear Pin	С	4	2	indicator per b	issing provided one prake assembly is
					functional.	I

U.S. DEPAR	TMENT OF TRANSPORT	TATIOI	N		MASTER MINIMUM EQUIPMENT	LIST			
	VIATION ADMINISTRATION								
AIRCRAFT: Hond	da Aircraft HA-420	RE\			NO. 1 PAGE NO. 33-1				
		ММ	EL T	ABL	LE KEY				
SYSTEM & SEQUENCE NO.	ITEM	1. F	1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS						
33. LIGHTS			1			l o			
Sequence No.	Item	1	2	3	4	Change Bar			
10-01	Flight Deck Lighting	C	-	-	 (O) 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 the 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	С	-	-	(O) May be inoperative provided alternate procedures are established and used to notify cabin occupants.	 			
30-01	Service Lights (Baggage)	D	-	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.				

AIRCRAFT:	VIATION ADMINISTRAT		REVISION NO. 1 PAGE NO.						
Hono	da Aircraft HA-420		DATE: 11/30/2016 33-2						
					E KEY				
SYSTEM &		1. F			CATEGORY BER INSTALLED				
EQUENCE	ITEM				NUMBER REQUIRED FOR DISPATCH				
NO.				568 0	4. REMARKS OR EXCEPTIONS				
33. LIGHTS									
Sequence No.	Item	1	2	3	4	Chang Bar			
40-02 ***	Ice Inspection Light	С	-	0	 (O) 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. 				
		С	-	1	 (O) One may be inoperative provided: a) The left light is operative for single pilot operations, and b) Ground deicing procedures do not require their use. 	 			
41-01	Landing Light	С	2	0	May be inoperative provided aircraft is not operated between sunset and sunrise.				
41-02	Taxi Light	С	4	0	May be inoperative provided aircraft is not operated between sunset and sunrise.				
41-03	Taxi Light, Wing	С	2	1	(O) One may be inoperative provided the recognition lights are operative and commanded ON during night operation.	 			
41-04	Taxi Light, Belly	С	2	0	(O) May be inoperative provided the landing lights are operative and commanded ON during night operation.				

AIRCRAFT:	VIATION ADMINISTRAT		REVISION NO. 1 PAGE NO.						
Hono	da Aircraft HA-420		DATE: 11/30/2016 33-3						
					E KEY				
SYSTEM &		1. 1	1. REPAIR CATEGORY 2. NUMBER INSTALLED						
SEQUENCE	ITEM		3. NUMBER REQUIRED FOR DISPATCH						
NO.				0		S OR EXCEPTIONS			
33. LIGHTS		'		<u> </u>	'				
Sequence No.	Item	1	2	3	4		Chang Bar		
41-05	Recognition Light Flasher Assy	С	1	0					
41-06	Recognition Light	С	2	0			I		
41-07	Light, Position (Wing/Tail)	С	3	0		erative provided aircraft is between sunset and	 		
41-08	Power Supply, Tail	С	1	0		erative provided aircraft is between sunset and	 		
41-09 ***	LOGO Light	D	2	0					

REVISION NO. 1 PAGE NO. 34-1		TMENT OF TRANSPORTA		N		MASTE	R MINIMUM EQUIPMENT L	IST
SYSTEM & SEQUENCE ITEM Sequence No. Item 1 2 3 4		VIATION ADMINISTRATIO		VISIO	ON N	IO. 1	PAGE NO.	
SYSTEM & SEQUENCE NO. ITEM I		da Aircraft HA-420						
SYSTEM & SEQUENCE NO. BITEM 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS 34. NAVIGATION Sequence No. Item			ММ	EL T	ABL	E KEY		
Sequence No. Item	SEQUENCE	ITEM	1. F		MUN	BER INSTALLE NUMBER REQI	UIRED FOR DISPATCH	
Sequence No. Item	34 NAVIGA	TION				4. REMARKS	OR EXCEPTIONS	
20-01 Attitude and Heading Reference System B 2 1 (O) May be inoperative provided: 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. NOTE: "AHRS 1(2) FAIL" CAS Message may be displayed. 20-02 Altitude Alerting System A - 0 (O) May be inoperative provided: 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 the 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 - 0 May be inoperative provided: a) Visual alert operates normally, and b) Autopilot with altitude hold and altitude capture operates normally, and b) Autopilot with altitude hold and altitude capture operates normally.			1	2	3	4		Change
A - 0 (O) May be inoperative provided: a) Aural Alert C - 1 Aural Alert A - 0 May be inoperative provided: a) Aural Alert C - 1 Aural Alert A - 0 May be inoperative provided: a) Way be inoperative provided: a) Way be inoperative provided: a) Way be inoperative provided: a) RVSM operative provided: 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 (asl listed in the operator's MEL) where repair or replacement can be made, and d) Repairs are made within 3 flight days. C - 1 O May be inoperative provided: a) Visual alert operates normally, and b) Autopilot with altitude hold and altitude capture operates normally.							operative provided:	Bar
and d) Repairs are made within 3 flight days. C - 1 C - 0 May be inoperative provided: a) Visual alert operates normally, and b) Autopilot with altitude hold and altitude capture operates normally.		Reference System		-		a) Operative VMC of VMC of VMC of VMC of Operation attitude both P of RVSM conductors (O) May be incomed a) Autopii altitude normal b) Enroute do not c) Airplandesign	tions are conducted in day only, tive AHRS is selected as e and heading source to FDs, and operations are not cted. S 1(2) FAIL" CAS Message e displayed. operative provided: lot with altitude hold and e capture operates lly, te operations (i.e., RVSM) require its use, ne does not depart from a lated airport (as listed in	
	-01	Aural Alert		-		and d) Repair 3 flight May be inoper a) Visual and b) Autopir altitude	rs are made within tadays. rative provided: alert operates normally, lot with altitude hold and the capture operates	

AIRCRAFT:	VIATION ADMINISTRATIO			ON N		
Hono	da Aircraft HA-420		DAT	E: 1	1/30/2016 34-2	
					E KEY	
SYSTEM &		1. F			CATEGORY BER INSTALLED	
SEQUENCE	ITEM		۲. ۱		NUMBER REQUIRED FOR DISPATCH	
NO.				311	4. REMARKS OR EXCEPTIONS	
34. NAVIGA	ΓΙΟΝ					
Sequence No.	Item	1	2	3	4	Chang Bar
20-02	Altitude Alerting System (Cont'd)					
-02	Visual Alert	С	-	0	May be inoperative provided: a) Aural alert operates normally, and b) Autopilot with altitude hold and altitude capture operates normally.	
21-01	Standby Attitude Indicator	С	-	0	May be inoperative provided not required by 14 CFR.	
		В	-	0	 (O) May be inoperative provided: 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	В	3	2	(O) May be inoperative provided functional heading source is selected for each crewmember's PFD.	
34-01	Marker Beacon Receiver	С	-	-	May be inoperative provided: 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.	

AIRCRAFT:	VIATION ADMINISTRATI			ON N				
Hono	da Aircraft HA-420		DAT	E: 1	1/30/2016 34-3			
					E KEY			
SYSTEM & SEQUENCE NO.	ITEM	1. F	1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS					
34. NAVIGA				ı		Chang		
Sequence No.	Item	1	2	3	4	Bar		
44-01	Radio Altimeter	С	-	0	 (M)(O) May be inoperative provided: a) Operational procedures do not require its use, and b) System is deactivated. NOTE: TCAS II and TAWS A will be failed. 			
44-02 ***	TAWS Equipment (Class A) GPWS	A	-	0	 (O) May be inoperative provided: a) Alternate procedures are established and used, and b) Repairs are made within 2 flight days. 			
-01	Modes 1–4	A	4	0	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) Repairs are made within 2 flight days.	 		
-02	Test Mode	A	1	0	 (O) May be inoperative provided: a) GPWS is considered inoperative, and b) Repairs are made within 2 flight days. 	 		
-03	Glideslope Deviation (Mode 5)	С	-	1				
-04	Advisory Callouts	В	-	0	(O) May be inoperative provided alternate procedures are established and used.(Continued)			

AIRCRAFT:	VIATION ADMINISTRATIO		/ISIC	A NC	IO. 1 PAGE NO.	
	da Aircraft HA-420				1/30/2016 34-4	
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUŅ	CATEGORY BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
34. NAVIGA	TION	<u> </u>		<u> </u>	4. NEIWARRE OR EXCENTIONS	
Sequence No.	Item	1	2	3	4	Change
44-02 ***	TAWS Equipment (Class A) (Cont'd)					
-05 ***	Windshear Mode (Reactive)	В	1	0	(O) May be inoperative provided alternate procedures are established and used.	
					NOTE: Operator's alternate procedures should include reviewing windshear avoidance and windshear recovery procedures.	
		С	1	0	 (O) May be inoperative provided: a) Alternate procedures are established and used, and b) Windshear Detection and Avoidance System (Predictive) operates normally. 	
-06	Forward Looking Terrain Avoidance (FLTA) and Premature Descent Alert (PDA) Functions	В	1	0	(O) May be inoperative provided alternate procedures are established and used.	
-07	Terrain Displays	С	-	1		1
		В	-	0		ı
-08	Runway Awareness and Advisory System (RAAS)	С	1	0		

AIRCRAFT:	VIATION ADMINISTRAT			ON N		
Hono	da Aircraft HA-420		DAT	E: 1	1/30/2016 34-5	
					E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		MUN	BER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
34. NAVIGA	ΓΙΟΝ				4. REMARKS OR EXCEPTIONS	
Sequence No.	Item	1	2	3	4	Change
44-03	TAWS Equipment (Class B)	A	-	0	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) Repairs are made within 2 flight days.	
-01	Modes 1 and 3	A	2	0	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) Repairs are made within 2 flight days.	
-02	Test Mode	A	1	0	 (O) May be inoperative provided: a) GPWS is considered inoperative, and b) Repairs are made within 2 flight days. 	
-03	Modes 2, 4, and 5	С	3	0		1
-04	Advisory Callouts	В	-	0	(O) May be inoperative provided alternate procedures are established and used.	
		С	-	0	 (O) May be inoperative provided: a) Advisory callouts not required by 14 CFR, and b) Alternate procedures are established and used. 	
-05 ***	Windshear Mode (Reactive)	С	1	0	(O) May be inoperative provided alternate procedures are established and used.	
					(Continued)	

FEDERAL A	VIATION ADMINISTRATIO	N			MASTE	ER MINIMUM EQUIPMENT	LIST
AIRCRAFT:				_	IO. 1	PAGE NO.	
HONG	da Aircraft HA-420				1/30/2016	34-6	
					.E KEY CATEGORY		
SYSTEM &		'. '	$\overline{}$		BER INSTALL	ED	
SEQUENCE NO.	ITEM					UIRED FOR DISPATCH	
NO.				3,000	4. REMARKS	OR EXCEPTIONS	
34. NAVIGA	TION	1	1	1			10.
Sequence No.	Item	1	2	3	4		Chang Bar
44-03	TAWS Equipment (Class B) (Cont'd)						
-06	Forward Looking Terrain Avoidance (FLTA) and Premature Descent Alert (PDA) Functions	В	1	0			
-07	Terrain Displays	С	-	0			
-08 ***	Runway Awareness and Advisory System (SurfaceWatch)	С	1	0			
45-01	Traffic Alert and Collision Avoidance System (TCAS I)	В	-	0	a) Syster secure b) Enrou	noperative provided: m is deactivated and ed, and te or approach procedures t require its use.	
		С	-	0	a) Not re b) Syster secure c) Enrou	noperative provided: equired by 14 CFR, m is deactivated and ed, and te or approach procedures t require its use.	
45-01 ***	Traffic Alert and Collision Avoidance System (TCAS II)	В	-	0	a) Syster secure b) Enrou	noperative provided: m is deactivated and ed, and te or approach procedures t require its use.	
					(Continued)		

U.S. DEPAR	TMENT OF TRANSPORTA	IOITA	N					
			•		MASTER MINIMUM EQUIPMENT	LIST		
AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	N NC	IO. 1 PAGE NO.			
	da Aircraft HA-420				1/30/2016 34-7			
		ММ	EL T	ABL	E KEY			
SYSTEM &		1. F	$\overline{}$		CATEGORY			
SEQUENCE	ITEM		2.1		BER INSTALLED NUMBER REQUIRED FOR DISPATCH			
NO.		4. REMARKS OR EXCEPTIONS						
34. NAVIGA	TION			1				
Sequence No.	Item	1	2	3	4	Change Bar		
45-01 ***	Traffic Alert and Collision Avoidance System (TCAS II) (Cont'd)	С	-	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. 			
45-02	Resolution Advisory (RA) Display System(s)	С	-	0	 (O) May be inoperative provided: a) Traffic Alert (TA) visual display and audio functions are operative, b) TA only mode is selected by the crew, and c) Enroute or approach procedures do not require its use. 			
		С	2	1	May be inoperative on non-flying pilot's side.			
45-03	Traffic Alert (TA) Display System(s)	С	-	0	 (O) May be inoperative provided: a) RA visual display and audio functions are operative, and b) Enroute or approach procedures do not require its use. 			
45-04	Audio Function	В	1	0	May be inoperative provided enroute or approach procedures do not require use of TCAS.			
45-05	Airspace Selection Function	С	-	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.			

AIRCRAFT:	VIATION ADMINISTRATIO			ON N				
Hono	da Aircraft HA-420		DAT	E: 1	1/30/2016 34-8			
		_			E KEY			
SYSTEM & SEQUENCE NO.	ITEM	1. 1	1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS					
34. NAVIGA	TION							
Sequence No.	Item	1	2	3	4	Chang Bar		
52-01	ATC Transponder and Altitude Reporting System	В	-	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 the 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 the next scheduled maintenance visit. 	 		
52-03	ADS-B Squitter Transmissions	D	-	0	May be inoperative provided operations do not require its use.			
		С	-	0	(O) May be inoperative provided alternate procedures are established and used.	 		
					NOTE: Any ADS-B Out function that operates normally may be used.			

AIRCRAFT:	VIATION ADMINISTRATIO		VISIO	ON N	O. 1 PAGE NO.			
	da Aircraft HA-420		DAT	E: 1	1/30/2016 34-9			
		_			E KEY			
SYSTEM &		1. F	REPAIR CATEGORY 2. NUMBER INSTALLED					
SEQUENCE	ITEM		2. 1		NUMBER REQUIRED FOR DISPATCH			
NO.				3. 1	4. REMARKS OR EXCEPTIONS			
34. NAVIGA	ΓΙΟΝ	<u> </u>			,			
Sequence No.	Item	1	2	3	4	Chang Bar		
52-04	Automatic Dependent Surveillance-Broadcast (ADS-B) System	D	-	0	May be inoperative provided it is not required by 14 CFR.			
52-05	Altitude Reporting System	D	-	1	 (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 the planned route of flight. NOTE: "TRANSPONDER 1(2) FAIL" CAS Message may be displayed. Any in excess of those required by 14 CFR may be inoperative. NOTE: "TRANSPONDER 1(2) FAIL" 			
52-06	Ident Switch (Yoke)	С	2	0	CAS Message may be displayed. (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.			
		С	-	0	May be inoperative provided: a) Not required by 14 CFR, and b) Operations do not require its use. (Continued)			

FEDERAL A' AIRCRAFT:	VIATION ADMINISTRAT		VISIO	N NC	MASTER MINIMUM EQUIPMENT IO. 1 PAGE NO.	
	da Aircraft HA-420		_	_	1/30/2016 34-10	
		MM	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	1. F		NUM	CATEGORY IBER INSTALLED NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS	
34. NAVIGA	ΓΙΟΝ					
Sequence No.	Item	1	2	3	4	Change Bar
54-01	VOR/ILS (Cont'd)					1
-01	Glide Slope	С	-	-	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.	
55-01 ***	Automatic Direction Finder (ADF)	D	-	0	May be inoperative provided procedures do not require its use.	
					NOTE: "ADF FAIL" CAS Message may be displayed.	
57-01	GPS	В	2	1	May be inoperative provided: a) Not required by 14 CFR, and b) Operations do not require its use.	
61-01	Aviation Databases	C	-	0	 (O) May be out of currency provided: a) Current aeronautical charts are used to verify navigation fixes prior to dispatch, b) Procedures are established to verify status and suitability of navigation facilities used to define route of flight, c) Approach navigation radios are manually tuned and identified, and d) RNAV departure, RNAV arrivals, instrument approaches, and published RNAV routes based on RNAV guidance are not used. NOTE: "AVIONICS FAULT" CAS Message may be displayed. 	

	1 1 1 ()1	N				
RTMENT OF TRANSPORTA		•		MASTER MINIMUM EQUIPMENT	LIST	
<u> VIATION ADMINISTRATIO</u>		/1910	N NC	IO 1 PAGE NO		
da Aircraft HA-420	114					
	ММ	EL T	ABL	E KEY		
	1. F	$\overline{}$				
ITEM		2.1				
V				4. REMARKS ON EXCEPTIONS		
Item	1	2	3	4	Change Bar	
Oxygen Pressure Gauge (Fwd Baggage)	D	1	0			
Remote Fill Port, Oxygen Bottle	D	1	0			
Crew Mask storage Box (Audio Switch)	В	2	0	NOTE: Oxygen EMER Switch must be used to activate mask microphone.		
Oxygen Pressure Switch (Cockpit)	В	1	0	(O) 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.		
Copilot Oxygen Mask	С	1	0	(O) May be inoperative provided copilot seat is not occupied and seat is placarded "DO NOT OCCUPY".	 	
Cabin Control Valve	В	1	0	 (O) May be inoperative provided: a) Cabin is not occupied, b) Aircraft is not operated above 10,000 feet, and c) Select Cabin Control Valve to "OFF", and verify no decrease in Oxygen quantity. 		
Passenger Mask Deployment system	В	4	0	(O) Individual Passenger Oxygen Modules may be inoperative provided the associated seats are placarded "DO NOT OCCUPY".		
	ITEM Item Oxygen Pressure Gauge (Fwd Baggage) Remote Fill Port, Oxygen Bottle Crew Mask storage Box (Audio Switch) Oxygen Pressure Switch (Cockpit) Copilot Oxygen Mask Cabin Control Valve Passenger Mask	MM ITEM ITEM ITEM Item I Oxygen Pressure Gauge (Fwd Baggage) Remote Fill Port, Oxygen Bottle Crew Mask storage Box (Audio Switch) Oxygen Pressure Switch (Cockpit) Copilot Oxygen Mask C Cabin Control Valve B Passenger Mask B	ITEM N	Note: "Oxygen Bottle Crew Mask storage Box (Audio Switch) B		

AIRCRAFT:	VIATION ADMINISTRATION da Aircraft HA-420				O. 1 PAGE NO. 36-1	
HONG	JA AIRCRAIT HA-420					
SYSTEM & SEQUENCE NO.	ITEM	1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS				
36. PNEUMA	TICS				4. KEMARKO OK EXCELLIONO	
Sequence No.	Item	1	2	3	4	Chang Bar
00-04	HP REG Shutoff Valve (HPRSOV)	В	2	1	 (O) May be inoperative provided: a) Remaining bleed is operative, b) Affected Cabin Inflow and Engine Bleed switches are selected "OFF", c) The Aircraft is operated at or below FL 250, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. 	
00-05	Nacelle Shutoff Valve (NPRSOV)	В	2	1	 (O) May be inoperative provided: a) Remaining bleed is operative, b) Affected Cabin Inflow and Engine Bleed switches are selected "OFF", c) The Aircraft is operated at or below FL 250, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. 	
10-01	Flow Control Valve (FCSOV)	В	2	1	 (O) May be inoperative provided: a) Remaining bleed is operative, b) Affected Cabin Inflow and Engine Bleed switches are selected "OFF", c) The Aircraft is operated at or below FL 250, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions. 	

AIRCRAFT:	VIATION ADMINISTRATI da Aircraft HA-420				IO. 1 1/30/2016	PAGE NO. 36-2	
попо	Ja Aircrait HA-420					30-2	
SYSTEM & SEQUENCE NO.	ITEM		REP	AIR (NUM		ED UIRED FOR DISPATCH S OR EXCEPTIONS	
36. PNEUMA			Ι.		T.		Change
Sequence No.	Item	1	2	3	4		Bar
11-01	Temperature Modulating Valve	В	2	1	a) Remai b) Affecte Bleed "OFF" c) The Ai below d) Aircraf	ircraft is operated at or FL 250, and it is not operated in known, st, or AFM-defined icing	
11-02	Temperature Modulating Valve Temperature Sensor	В	2	1	a) Remai b) Affecte Bleed "OFF" c) The Ai below d) Aircraf	ircraft is operated at or FL 250, and It is not operated in known, st, or AFM-defined icing	
						CABIN BLEED FAULT" Message may be displayed.	
11-03	Fan Air Valve	В	2	1	a) Remain b) Affecte Bleed "OFF" c) Aircraft FL 250 d) Aircraft foreca conditi	ft is operated at or below 0, and ft is not operated in known, st, or AFM-defined icing	

AIRCRAFT:	VIATION ADMINISTRATIO				NO. 1 PAGE NO.	
Hono	da Aircraft HA-420		DAT	E: 1	11/30/2016 36-3	
		_			LE KEY	
SYSTEM &		1. [$\overline{}$		CATEGORY MBER INSTALLED	
SEQUENCE	ITEM		2. 1		NUMBER REQUIRED FOR DISPATCH	
NO.				1553 1	4. REMARKS OR EXCEPTIONS	_
36. PNEUMA	TICS					
Sequence No.	Item	1	2	3	4 C	Char Ba
11-04	Fan Air Temp Sensor	В	2	1	 (O) May be inoperative provided: a) Remaining bleed is operative, b) Affected Cabin Inflow and Engine Bleed switches are selected "OFF", c) The Aircraft is operated at or below FL 250, 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	В	2	1	 (O) May be inoperative provided: a) Remaining bleed is operative, b) Affected Cabin Inflow and Engine Bleed switches are selected "OFF", c) The Aircraft is operated at or below FL 250, 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	В	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 or below FL 250, 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. 	

U.S. DEPAR	TMENT OF TRANSPORT	ATIOI	N		
	VIATION ADMINISTRATIO				MASTER MINIMUM EQUIPMENT LIST
AIRCRAFT:	VIATION ADMINISTRATIC		VISIO	ON N	O. 1 PAGE NO.
	da Aircraft HA-420				1/30/2016 38-1
		ММ	EL T	ABL	E KEY
SYSTEM &		1. F	$\overline{}$		CATEGORY
SEQUENCE	ITEM	2. NUMBER INSTALLED			
NO.				3.1	NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
38. WATER/	WASTE			<u> </u>	4. NEWATING ON EXCELLINATE
Sequence No.	Item	1	2	3	4 Change Bar
20-01	Dual Tank Assy, 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 Assy, 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 Assy, 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 Assy, 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 Assy, 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.

AIRCRAFT:	VIATION ADMINISTRAT			ON N				
Hono	da Aircraft HA-420				1/30/2016 38-2			
SYSTEM &	SYSTEM &			AIR (E KEY CATEGORY BER INSTALLED			
SEQUENCE NO.	ITEM		3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS					
38. WATER/	T					Chan		
Sequence No.	Item	1	2	3	4	Chang 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 ***	Lav Service Fittings	D	2	0	(O) May be inoperative provided:a) Lavatory toilet is placarded inoperative, andb) No leaks present at fittings.			
30-06 ***	Macerator	D	1	0	(O) May be inoperative provided lavatory toilet is placarded inoperative.			

U.S. DEPAR	TMENT OF TRANSPORTA	ATIOI	N		MASTER MINIMUM EQUIPMENT	LIST
FEDERAL A	VIATION ADMINISTRATIC	N			WAOTER WIINIWOW EQUIPMENT	LIGI
AIRCRAFT:	da Aircraft HA-420			ON N E: 1	O. 1 PAGE NO. 52-1	
		ММ	EL T	ABL	E KEY	
SYSTEM & SEQUENCE NO.	ITEM	_	1. REPAIR CATEGORY 2. NUMBER INSTALLED 3. NUMBER REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS			
52. DOORS					4. REMARKS ON EXCENTIONS	
Sequence No.	Item	1	2	3	4	Change Bar
10-01	KEY LOCK, Main Entry Door	D	1	0	(O) 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: The word locked is referring to the locking feature on the latching system rather than the KEY LOCK.	
30-01	KEY LOCK, FWD Baggage Door	D	1	0	 (O) 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: The word locked is referring to the locking feature on the latching system rather than the KEY LOCK.	
30-02	KEY LOCK, AFT Baggage Door	D	1	0	 (O) 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: The word locked is referring to the locking feature on the latching system rather than the KEY LOCK.	

U.S. DEPAR	TMENT OF TRANSPORTA	OITA	N		MASTE	R MINIMUM EQUIPMENT I	JIST
	VIATION ADMINISTRATIO						
AIRCRAFT:	do Airoroff LIA 120	RE\	/ISIC		O. 1 1/30/2016	PAGE NO.	
Hono	da Aircraft HA-420					73-1	
					E KEY		
SYSTEM &		1. F			CATEGORY	TD.	
SEQUENCE	ITEM		2. ľ		BER INSTALLI	UIRED FOR DISPATCH	
NO.				3. 1		OR EXCEPTIONS	
73. ENGINE	FUEL AND CONTROL				4. INEMIARKO	OK EXCELLIONS	
Sequence No.	Item	1	2	3	4		Change
00-01	FADEC System						Bar
0001	17020 Oyalam						ı
	Time Limited Dispatch Faults	A	1	•	faults provided	spatched with system d repairs are made in with the times established in IM 72-00-00.	

U.S. DEPARTMENT OF TRANSPORTATION

MASTER MINIMUM EQUIPMENT LIST

FEDERAL AVIATION ADMINISTRATION

AIRCRAFT:

Honda Aircraft HA-420

REVISION NO. 1

DATE: 11/30/2016

PAGE NO.

2-1

SECTION 2

CREW ALERTING SYSTEM (CAS) MESSAGE RELIEF

U.S. I	DEPARTMENT OF TRANSPORTA		
FFDF	RAL AVIATION ADMINISTRATIO		ER MINIMUM EQUIPMENT LIST
	RAFT:	REVISION NO. 1	PAGE NO.
	Honda Aircraft HA-420	DATE: 11/30/2016	2-2
		STATEMENT PAGE	
1.	Section Two of the MMEL will list following requirements:		
	 a) Equipment failure indications(the airplane. b) Messages that the crew can a procedures without the assists c) Messages using the new self-been trained. 	act upon from the cockpit with ance of a mechanic, and for	h simple troubleshooting which the crew has been trained.
2.	CAS message relief items not me MMEL.	eeting these requirements wil	Il be listed in Section One of the

AIRCRAFT	AVIATION ADMINISTRATIO -: onda Aircraft HA-420		VISION NO. 1 DATE: 11/30/2016	PAGE NO.	
		ММ	EL TABLE KEY		
SEQUENCI NO.	CAS MESSAGE		REPAIR CATEGORY 2. DISPATCH CONSI	DERATION	
A AND C M Sequence No.	ESSAGES CAS Message	1	2		Change
A	-				Dai
	ADF FAIL CAS Message	С	See MMEL 34-55-01.		
	ADS B OUT 1(2) FAIL CAS Message	С	See MMEL 34-52-03.		
52-70-01	AFT BAG DOOR OPEN CAS Message	С	unaffected, b) Door Mechanis c) With the door o operation of the d) Close the door on the aft bagg	tural integrity remains om functions as intended, open, verify the proper e four door latches, and verify the four latches age door are closed and or is flush with Outer Mold	
			NOTE: "AFT BAG DOO Message may p	OR UNSAFE" CAS post during taxi and flight.	
	AHRS 1(2) FAIL CAS Message	В	See MMEL 34-20-01.		
	R AUDIO FAIL CAS Message	С	See MMEL 23-50-10.		
	AUTOPILOT FAIL CAS Message	С	See MMEL 22-10-02.		
	AVIONICS FAULT CAS Message	-	See MMEL 34-61-01.		
С					
	CABIN ALT CTRL FAIL CAS Message	В	See MMEL 21-33-01.		
	CABIN ALT CTRL FAULT CAS Message	В	See MMEL 21-33-01.		
	CABIN ALT FAULT CAS Message	В	See MMEL 21-32-01.		

AIRCRAFT	AVIATION ADMINISTRATIC -: onda Aircraft HA-420		EVISION NO. 1 PAGE NO. DATE: 11/30/2016 2-4	
ПС	onua Aliciait HA-420	DADA	1 NO VIEW 1 NO VIEW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
SEQUENCI NO.	CAS MESSAGE		EL TABLE KEY REPAIR CATEGORY 2. DISPATCH CONSIDERATION	
C MESSAG Sequence No.		1	2	Chang
C (Cont'd)	CABIN ALT HIGH CAS Message	В	See MMEL 21-33-01.	
24-60-01	CABIN BUS FAIL CAS Message	D	(O) May be displayed provided CABIN POWER Switch is selected "OFF".	
	L(R) CABIN BLEED FAIL CAS Message	В	See MMEL 36-10-01.	
	L(R) CABIN BLEED FAULT CAS Message	В	See MMEL 36-10-01.	
	L(R) CABIN BLEED TEMP HIGH CAS Message	В	See MMEL 36-10-01.	
52-70-02	CABIN DOOR OPEN CAS Message	С	 (O) May be displayed provided: a) The Cabin Door is verified closed and latched, b) Verify the four visual indicators show locked (Green) before each flight, and c) Door structural integrity remains unaffected and Mechanism functions as intended. NOTE: "CABIN DOOR UNSAFE" CAS Message may post during taxi and flight. 	
	COM 1 (2) TEMP HIGH CAS Message	С	See MMEL 23-00-01.	
	CPDLC FAIL CAS Message	С	See MMEL 23-20-01.	
	CPDLC TEMP HIGH CAS Message	С	See MMEL 23-20-01.	
	CRUISE SPD CTRL FAIL CAS Message	D	See MMEL 22-30-01.	
	CVR FAIL CAS Message	A	See MMEL 31-30-01.	

AIRCRAF1	AVIATION ADMINISTRATIO T: Dinda Aircraft HA-420	_	VISION NO. 1 PAGE NO. DATE: 11/30/2016 2-5	
ПС	Dida Aliciail HA-420	DADA	1 40 0.2 M 1, PW 1 1 M 20 90 W 1 1 M 20	
SEQUENC	E 040 ME004 OF		EL TABLE KEY REPAIR CATEGORY	
NO.	CAS MESSAGE		2. DISPATCH CONSIDERATION	
D AND E M Sequence No.	ESSAGES CAS Message	1	2	Chan
D	-			Da
	DME FAIL CAS Message	С	See MMEL 34-51-01.	
E				
	ECS AIR COND FAIL CAS Message	В	See MMEL 21-50-01.	
	ECS AIR COND FAULT CAS Message	С	See MMEL 21-21-01/02.	
	ECS GND COOLING FAN FAIL CAS Message	С	See MMEL 21-21-03.	
52-70-05	ELEC SRVC DOOR OPEN CAS Message	С	(O) May be displayed provided the ELEC SRVC door is secured closed prior to flight.	
52-70-03	EMER EXIT DOOR UNSAFE CAS Message	С	 (O) May be displayed provided: a) Door structural integrity remains unaffected, b) With the door open, verify the mechanism functions as intended, and c) Close door and verify door and latch handle is flush with Outer Mold Line (OML) of airframe before each flight. 	
	L(R) ENG ANTI-ICE FAIL CAS Message	С	See MMEL 30-20-01 (Closed).	
	L(R) ENG ANTI-ICE FAULT CAS Message	С	See MMEL 30-20-02/03.	
	L(R) ENG BLEED FAULT CAS Message	В	See MMEL 36-00-04.	
	L(R) ENG TLD CAS Message	A	See MMEL 73-00-01.	
76-01-01	ENG SYNC FAIL CAS Message	D	May be displayed.	

	RTMENT OF TRANSPORTA			R MINIMUM EQUIPMENT	LIST
	AVIATION ADMINISTRATIO				
AIRCRAFT Hor	: nda Aircraft HA-420	RE\	/ISION NO. 1 DATE: 11/30/2016	PAGE NO. 2-6	
		ММ	EL TABLE KEY		
SEQUENCE NO.	CAS MESSAGE		REPAIR CATEGORY 2. DISPATCH CONSID	DERATION	
F AND G ME	ESSAGES				
Sequence No.	CAS Message	1	2		Change Bar
F					
	FDR FAIL CAS Message	A	See MMEL 31-30-01.		I
27-50-01	FLAP DEGRADE CAS Message	С	operation, b) During Flap ope Message is disp c) Flap indication o	eration, no other Flap CAS blayed, on ASI is operative, and ly checked for functionality	
	FUEL ISO VALVE CLOSED CAS Message	С	See MMEL 28-10-02.		
	FUEL ISO VALVE OPEN CAS Message	В	See MMEL 28-10-02.		
52-70-04	FWD BAG DOOR OPEN CAS Message	С	unaffected, b) Door Mechanisr c) With the door of operation of the d) Close the door of on the forward be and latched and Mold Line (OML)	ural integrity remains m functions as intended, pen, verify the proper four door latches, and and verify the four latches paggage door are closed I door is flush with Outer L) of airframe. OR UNSAFE" CAS	
G				ost during taxi and flight.	I
	GLIDE-SLOPE 1(2) FAIL CAS Message	С	See MMEL 34-54-01-0	1.	

AIRCRAF	. AVIATION ADMINISTRATIC T: onda Aircraft HA-420		VISION NO. 1 PAGE NO. DATE: 11/30/2016	2-7
110	onda Andrait HA 420	MANA	EL TABLE KEY	2-1
SEQUENC NO.	E CAS MESSAGE		REPAIR CATEGORY 2. DISPATCH CONSIDERATION	
H, I, L, M, C Sequence No.	D, AND R MESSAGES CAS Message	1	2	Change
H				Bar
	HYD FLUID LEVEL LOW CAS Message	В	(See MMEL 29-00-01).	
	HYD FLUID OVERFILL CAS Message	В	(See MMEL 29-00-02).	
I				
	ICE DETECT FAIL CAS Message	С	See MMEL 30-80-01.	
	ICE DETECT FAULT CAS Message	С	See MMEL 30-80-01.	
L				
33-40-04	LIGHTING CONTROL 1 FAIL CAS Message	С	(O) May be displayed provided aircle between sunrise and sunset only.	raft is operated
			NOTE: The following lights will be in Left Belly Landing/Taxi Light Optional Right Ice inspection Right-Tail Position (Navigati Belly Ground Recognition B and Right Wing Taxi Light.	t, Left and n Light, Left- on) Lights,
М				
	L(R) MIC STUCK ON CAS Message	-	See MMEL 23-50-06/09.	
0				
	OXYGEN UNAVAILABLE CAS Message	В	See MMEL 35-10-02.	
R				
22-16-01	ROLL TRIM FAULT CAS Message	С	May be displayed provided position ASI is verified operative.	indication on

ハロしいロ / [. AVIATION ADMINISTRATIC		VISION NO. 1 PAGE NO.	
AIRCRAFT Ho	onda Aircraft HA-420	KE	DATE: 11/30/2016	2-8
	<u> </u>		EL TABLE KEY	
SEQUENC NO.	E CAS MESSAGE	1. F	REPAIR CATEGORY 2. DISPATCH CONSIDERATION	
1 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	W MESSAGES	1	2. DISPATON CONSIDERATION	
• •	. CAS Message	1	2	Chang Bar
S				
	SATCOM FAIL CAS Message	D	See MMEL 23-00-01.	
	SPEED BRAKE FAIL CAS Message	С	See MMEL 27-60-01.	
	SURFACE WATCH FAIL CAS Message	С	See MMEL 34-61-01.	
Т				
	TAIL DE-ICE FAIL CAS Message	С	See MMEL 30-10-04.	
	TAIL DE-ICE FAIL ON CAS Message	С	See MMEL 30-10-04.	
	TAIL DE-ICE FAULT CAS Message	С	See MMEL 30-12-01.	
	TRANSPONDER 1(2) FAIL CAS Message	В	See MMEL 34-52-01.	
W				
	WING ANTI-ICE FAIL CAS Message	С	See MMEL 30-10-03.	
	WING ANTI-ICE FAULT CAS Message	С	See MMEL 30-10-03.	
	L(R)WING ANTI-ICE TEMP LOW CAS Message	С	See MMEL 30-10-03.	
	WING ANTI-ICE UNAVAIL	С	See MMEL 30-10-02.	

AIRCRAFT	AVIATION ADMINISTRATIO -: nda Aircraft HA-420		VISION NO. 1 DATE: 11/30/2016	PAGE NO.	
110	Tiud All Craft FIA-420	BABAI		2-9	
EQUENCE			EL TABLE KEY REPAIR CATEGORY		
NO.	CAS MESSAGE		2. DISPATCH CONSID	DERATION	
	Y MESSAGES		la .		Chan
V	CAS Message	1	2		Ва
Cont'd)	WEATHER RADAR FAIL CAS Message	D	See MMEL 34-42-01.		
	L(R) WSHD ZONE FAIL CAS Message	С	See MMEL 30-40-01.		
	L(R) WSHD ZONE FAULT CAS Message	С	See MMEL 30-40-01.		
	L(R)WSHD ZONE OVERHEAT CAS Message	С	See MMEL 30-40-01.		
(
	XM DATA LINK FAIL CAS Message	D	See MMEL 23-21-01.		
(
22-16-02	YAW TRIM FAULT CAS Message	С	May be displayed provi	ided position indication on e.	