

S-BUILT CONFIGURATION REPORT

SECTION II

Engine Model / Serial Number: HF120-H1AG04 / 883326

Report Date: 2017-09-28

Life-Limited	Nomenclature	Part Number	Serial Number	Position
Yes	CASE ASSY,INTERMEDIATE	11110-Q0A-G000	SPK99TSY	1
No	CASE COMP,GG	11200-Q0A-E000	DHAP4968	1
No	FRAME, VANE - TURBINE REAR	11810-Q0A-0400	FJH00698	1
No	CABLE COMP,SHUT OFF	11950-Q0A-0100	CMC10015	1
No	DUCT COMP,FRONT FAN	12210-Q0A-0500	ROL6181	1
No	DUCT COMP,REAR FAN	12410-Q0A-0500	SAS0413B	1
No	HOLDER COMP,RR MOUNT	13410-Q0A-0100	SCM44817	1
No	HOUSING COMP,NO.1 BRG	13511-Q0A-B000	WIN1N394	1
No	COVER,OIL TANK	13711-Q0A-0000	TUA62244	1
No	SEAL,NO.1 FLOATING	14511-Q0A-0000	STA0561T	1
No	SEAL,NO.1 FLOATING	14511-Q0A-0000	STA0563T	2
No	SEAL,NO.2 FLOATING	14521-Q0A-0000	STA0535C	1
Yes	ROTOR,FAN	15111-Q0A-E000	ACIS5095	1
Yes	BLISK STG1	15311-Q0A-0300	ACIS4926	1
Yes	LPC RTR STG2	15321-Q0A-0100	ACIS4785	1
Yes	SHAFT,LP	15721-Q0A-0000	FHTJ0667	1
No	NUT,LP REAR LABYRINTH	15831-Q0A-0000	GSP92021	1
No	BRG ASSY,BALL 1	15910-Q0A-A000	FBGG5948	1
No	BRG ASSY,ROLLER 4	15920-Q0A-0200	FBGG6358	1
Yes	DISK COMP,LPT1	16130-Q0A-0000	TMT2LE87	1
Yes	DISK COMP,LPT 2	16231-Q0A-0100	TMT1RG76	1
Yes	DISK COMP,LPT SUPPORT	16310-Q0A-A000	TMT1NS19	1
No	SEAL,LPT1 DISK INNER	16321-Q0A-0000	AAE58657	1
No	NOZZLE COMP,LPT1	16510-Q0A-C100	TCT7B360	1
Yes	ROTOR, HPCC	17511-Q0A-0200	ACIS5109	1
Yes	SHAFT,HP	17721-Q0A-0000	FHTJ0523	1
Yes	DISK,THRUST PISTON	17811-Q0A-0500	APV5141G	1
No	HOLDER,NO.3 BEARING INNER	17861-Q0A-0200	GSP96212	1
No	BRG ASSY,BALL 2	17910-Q0A-A000	FBGG6264	1
No	BRG ASSY,ROLLER 3	17920-Q0A-0100	FBGG4486	1
No	NOZZLE ASSY, HPT	18510-Q0A-0000	MTI41643	1
No	BLADE,HPT	18721-Q0A-0100	CNC0007J	1
No	BLADE,HPT	18721-Q0A-0100	CNC0008J	2
No	BLADE,HPT	18721-Q0A-0100	CNC0011J	3
No	BLADE,HPT	18721-Q0A-0100	CNC0022J	4
No	BLADE,HPT	18721-Q0A-0100	CNC0033J	5
No	BLADE,HPT	18721-Q0A-0100	CNC0035J	6
No	BLADE,HPT	18721-Q0A-0100	CNC0036J	7
No	BLADE,HPT	18721-Q0A-0100	CNC0087J	8

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No	BLADE,HPT	18721-Q0A-0100	CNC0089J	9
No	BLADE,HPT	18721-Q0A-0100	CNC0100J	10
No	BLADE,HPT	18721-Q0A-0100	CNC0105J	11
No	BLADE,HPT	18721-Q0A-0100	CNC0106J	12
No	BLADE,HPT	18721-Q0A-0100	CNC0107J	13
No	BLADE,HPT	18721-Q0A-0100	CNC0110J	14
No	BLADE,HPT	18721-Q0A-0100	CNC0111J	15
No	BLADE,HPT	18721-Q0A-0100	CNC0118J	16
No	BLADE,HPT	18721-Q0A-0100	CNC0121J	17
No	BLADE,HPT	18721-Q0A-0100	CNC3215C	18
No	BLADE,HPT	18721-Q0A-0100	CNC5672H	19
No	BLADE,HPT	18721-Q0A-0100	CNC6762H	20
No	BLADE,HPT	18721-Q0A-0100	CNC6997H	21
No	BLADE,HPT	18721-Q0A-0100	CNC7029H	22
No	BLADE,HPT	18721-Q0A-0100	CNC7114H	23
No	BLADE,HPT	18721-Q0A-0100	CNC7116H	24
No	BLADE,HPT	18721-Q0A-0100	CNC7122H	25
No	BLADE,HPT	18721-Q0A-0100	CNC7135H	26
No	BLADE,HPT	18721-Q0A-0100	CNC7141H	27
No	BLADE,HPT	18721-Q0A-0100	CNC7253H	28
No	BLADE,HPT	18721-Q0A-0100	CNC7414H	29
No	BLADE,HPT	18721-Q0A-0100	CNC7443H	30
No	BLADE,HPT	18721-Q0A-0100	CNC7818H	31
No	BLADE,HPT	18721-Q0A-0100	CNC7830H	32
No	BLADE,HPT	18721-Q0A-0100	CNC7953H	33
No	BLADE,HPT	18721-Q0A-0100	CNC7958H	34
No	BLADE,HPT	18721-Q0A-0100	CNC7968H	35
No	BLADE,HPT	18721-Q0A-0100	CNC7974H	36
No	BLADE,HPT	18721-Q0A-0100	CNC7988H	37
No	BLADE,HPT	18721-Q0A-0100	CNC7989H	38
No	BLADE,HPT	18721-Q0A-0100	CNC7991H	39
No	BLADE,HPT	18721-Q0A-0100	CNC7992H	40
No	BLADE,HPT	18721-Q0A-0100	CNC7995H	41
No	BLADE,HPT	18721-Q0A-0100	CNC7999H	42
No	BLADE,HPT	18721-Q0A-0100	CNC8003H	43
No	BLADE,HPT	18721-Q0A-0100	CNC8006H	44
No	BLADE,HPT	18721-Q0A-0100	CNC8013H	45
No	BLADE,HPT	18721-Q0A-0100	CNC8019H	46
No	BLADE,HPT	18721-Q0A-0100	CNC8050H	47
No	BLADE,HPT	18721-Q0A-0100	CNC8075H	48
No	BLADE,HPT	18721-Q0A-0100	CNC8091H	49

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No	BLADE,HPT	18721-Q0A-0100	CNC8095H	50
No	BLADE,HPT	18721-Q0A-0100	CNC8098H	51
No	BLADE,HPT	18721-Q0A-0100	CNC8099H	52
No	BLADE,HPT	18721-Q0A-0100	CNC9271G	53
No	BLADE,HPT	18721-Q0A-0100	CNC9274G	54
Yes	DISK, HPT RETAINER	18741-Q0A-0200	TMT1NN58	1
No	LINER COMP,C	19100-Q0A-0300	DHAP7754	1
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01440	1
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01462	2
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01465	3
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01474	4
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01486	5
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01490	6
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01501	7
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01517	8
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01518	9
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01521	10
No	NOZZLE COMP,FUEL	19602-Q0A-B000	WWW01525	11
No	MANIFOLD ASSY,FUEL	19710-Q0A-A100	SWA32932	1
No	AGB ASSY	21100-Q0A-C000	LWG34329	1
No	PTO ASSY	22300-Q0A-D000	NRWD5145	1
No	SHAFT,RADIAL DRIVE	22411-Q0A-A000	NRWC6351	1
No	PINION,UPPER BEVEL	22421-Q0A-0000	NRWC6172	1
No	FPMU ASSEMBLY	24100-Q0A-F000	CGW0355J	1
No	CASE ASSEMBLY, LPT	2479M66G01	TCT7B492	1
No	DUCT, AIR - HIGH PRESS TURB ROTOR	2494M06P01	AAE56430	1
Yes	DISK, HPT ROTOR- STAGE 1	2514M29P01	TMT101HJ	1
No	CASE, FAN	2531M40G05	PPBCM98	1
No	CABLE ASSY,BLEED VALVE	25420-Q0A-0100	CMC10042	1
No	PUMP ASSY,LUBE SCAV	27100-Q0A-A000	LJA60356	1
No	OIL COOLER	27200-Q0A-A000	FJB00369	1
No	FILTER ASSY,OIL	27300-Q0A-A000	APFM4700	1
No	PLUG,IGNITER	31111-Q0A-0000	UNLL9760	1
No	PLUG,IGNITER	31111-Q0A-0000	UNLL9761	2
No	EXCITER,IGNITION	31311-Q0A-A100	UNLL5697	1
No	ECU ASSEMBLY	34100-Q0A-B000	CGW0360K	1
No	SENSOR,N1	35010-Q0A-0200	UNLK4109	1
No	SENSOR,P3	35030-Q0A-C000	UNJ2DE54	1
No	SENSOR,P0	35050-Q0A-A000	UNJ2DE97	1
No	SENSOR,EGT	35060-Q0A-A000	GJB92538	1
No	SENSOR,ENG INLET	35070-Q0A-B000	GJB75655	1

SERVICE BULLETIN STATUS REPORT

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Engine Model/Serial No: HF120-H1AG04 / 883326

Factory Complied

Compliance Statement:

INTERPRETATION OF SERVICE BULLETIN COMPLIANCE STATEMENTS

FACTORY COMPLIED	The requirements defined in the bulletin have been incorporated during manufacture of the product.
INFORMATION ONLY	The bulletin contains only informational matter. Refer to the bulletin for specific information.
SPARE PARTS RELEASE	No specific introduction statement is required for bulletins in this category. These bulletins announce the availability of the new hardware.

BULLETIN NO	ISSUED	TITLE	NOTE
1011832		gek112110_sbs_honda-sb-72-0009-r00_20170406125851820	
SB_71-0001_R00	02/29/2016	INTRODUCTION OF ENGINE NAMEPLATE WITH BOLT-ON CAPABILITY - ENGINE - GENERAL (71-00-00)	CAT 9 - Information only. No work is necessary as a result of this SB. The new identification plate attaches to the engine with self-locking nuts and screws. (29001-Q0A-0200)
SB_72-0003_R00	02/03/2017	ENGINE CONVERSION FROM LEFT-HAND ENGINE POSITION CONFIGURATION TO RIGHT-HAND ENGINE POSITION CONFIGURATION	CAT 7 - GHAE recommends at customer convenience or option. Provides instructions to convert a left-hand engine position to a right-hand engine position.
SB_72-0005_R00	03/01/2016	INTRODUCTION OF NEW HPCC ROTOR, HPT DISK, AND RELATED PARTS - ENGINE - HPCC IMPELLER (72-00-04)	CAT 9 - Information only. No work is necessary as a result of this SB. Releases a new high pressure centrifugal compressor HPCC) rotor, coupling seal ring, inner split ring discourager seal (discourager seal), high pressure turbine rotor (HPTR) retaining
SB_72-0006_R00	12/30/2015	INTRODUCTION OF NEW PTO ASSEMBLY - ENGINE - FORWARD ENGINE ASSEMBLIES ENGINE - (72-00-02)	CAT 9 - No work is necessary as a result of this SB. Releases the new (PTO) assembly, 22300-Q0A-C000 with INCO 718 bolts.
SB_72-0007_R00	12/07/2015	INTRODUCTION OF NEW GG CASE AND TURBINE CASE - ENGINE - GENERAL (72-00-00)	CAT 9 - No work is necessary as a result of this SB. Releases the new (GG case) P/N 11200-Q0A-E000, (turbine case) P/N 2479M66G01, and (turbine case) bolt P/N 2546M37P01.
SB_72-0007_R01	04/12/2017	INTRODUCTION OF NEW GG CASE AND TURBINE CASE - ENGINE - GENERAL (72-00-00)	ISSUED TO UPDATE PARAGRAPH 1., PLANNING INFORMATION.
SB_72-0008_R00	03/03/2016	INTRODUCTION OF NEW FRONT FAN DUCT AND REAR FAN DUCT - ENGINE - BASE ENGINE ASSEMBLY (72-00-00)	CAT 9 - Information only. This Service Bulletin has been introduced in production and will make sure there is proper clearance between these parts and the GG case.
SB_72-0009_R00	01/07/2016	REMOVAL OF THE FAN AND CDP BLEED CAPS - ENGINE - ENGINE ASSEMBLY (72-00-00)	CAT 9 - No work is necessary as a result of this SB. No changes made to the installed engine configuration. Removes fan bleed cap P/N 42010-Q0A-0000,
SB_72-0010_R00	02/23/2017	INTRODUCTION OF NEW STAGE 1 AND STAGE 2 FAN STATOR VANE ASSEMBLIES - ENGINE - GENERAL (72-00-00)	bleed tube caps (CDP bleed caps) P/N 13451-Q0A-0000 on. CAT 9 - Information only. No work is necessary. Releases new stage 1 fan stator vane assembly P/N 15411-Q0A-0200 and stage 2 fan stator vane assembly P/N 15511-Q0A-0200.
SB_72-0012_R00	02/25/2015	INTRODUCTION OF THE OIL LEVEL SENSOR - ENGINE - GENERAL (72-00-00)	CAT 9 - Information only. No work is necessary. Introduce an electronic oil level sensor (OLS) that will let the oil level be monitored in the cockpit.
SB_72-0013_R00	12/03/2015	DELETION OF BLEED DUCT BRACKET - ENGINE - GENERAL (72-00-00)	CAT 9 - No work is necessary as a result of this SB. removes an unused bracket, P/N 41106-Q0A-0000, and introduces new machine screws, P/N MS9555-10, and washers, P/N
SB_72-0015_R00	10/16/2015	SPARE PARTS RELEASE FOR HF120 ENGINES - ENGINE - GENERAL (72-00-00)	CAT 8 - Spare Parts Release. Introduces the new HF120 Spares List, 737M1015 and identifies the parts required for line maintenance support of various Line Replaceable Units (LRUs).

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Factory Complied

Compliance Statement:

SB_72-0016_R00	12/03/2015	NEW FAN CASE WITH ABRADABLE WIPE-COAT - ENGINE - GENERAL (72-00-00)	CAT 9 - No work is necessary as a result of this SB. Releases the new fan case P/N 2531M40G03, the new fan case makes the abradable wipe-coat a requirement.
SB_72-0016_R01	07/29/2016	NEW FAN CASE WITH ABRADABLE WIPE-COAT - ENGINE - GENERAL (72-00-00)	CAT 7 - Customer Convenience. Releases the new fan case P/N 2531M40G03, the new fan case makes the abradable wipe-coat a requirement.
SB_72-0017_R00	12/30/2015	INTRODUCTION OF NEW HPT SHROUD RETAINER AND HPT NOZZLE REAR SEAL RING - AFT ENGINE ASSEMBLIES (72-00-04)	CAT 4 - Effective ESN's 883130-883157, 883164-883174 - Releases the new HPT shroud retainer P/N 2492M23P02 and rear seal ring P/N 2571M78P01 to the 2461M40G01-G04 engine level
SB_72-0018_R00	12/31/2015	VDS BRACKET BOLT HARDWARE CHANGE ENGINE - ENGINE ASSEMBLY (72-00-00)	CAT 9 - No work is necessary as a result of this SB. Bolts, washers and nuts for the VDS bracket are moved to the left and right hand engine levels so that different length bolts can be
SB_72-0019_R00	03/04/2016	LPT 1 DISK INNER SEAL INSPECTION - ENGINE - LPT ASSEMBLY (72-53-00)	CAT 4 - Effective 883105. Inspection for LPT stage 1 disk inner seal P/N 16321-Q0A-0000, S/N AAE24559 when the TRF assembly is removed. This SB can be done in shop.
SB_72-0020_R00	05/25/2016	INTRODUCTION OF NEW OIL FILLER PLUG - ENGINE ASSEMBLY (72-00-00)	CAT 7 - Customer Convenience. 883105, 883131-883212
SB_72-0021_R00	07/18/2016	INTRODUCTION OF IMPROVED FAN CASE P/N 2531M40G05 - ENGINE - FAN CASE AND STATOR (72-00-01)	This Service Bulletin releases a new oil filler plug P/N 27801-Q0A-CAT 5 - Serial numbers 883-105 and 883-131 through 883-224. Releases a new fan case P/N 2531M40G05 and provides instructions to replace the old fan case with the new fan case.
SB_72-0023_R00	04/24/2017	PARTS RELEASE FOR HF120 ENGINES - ENGINE - GENERAL (72-00-00)	CAT 8 - Spare Parts Information. Introduces new spare parts: Fan Rotor (SIN 83002) (CSN 01-150, 72-00-01), and the LPC Stage 2 Rotor Assembly (SIN 83302) (CSN 01-070, 72-22-00 and 01-
SB_72-0027_R00	05/22/2017	SPARE PARTS RELEASE FOR HF120 ENGINES - ENGINE - GENERAL (72-00-00)	CAT 8 - Spare Parts Release. Introduces additional bevel spacer E, bevel spacer F, and bevel spacer G for improved upper bevel pinion backlash adjustment
SB_72-0033_R00	05/22/2017	SPARE PARTS RELEASE FOR HF120 ENGINES - ENGINE - GENERAL (72-00-00)	CAT 8 - Spare Parts Release. Introduces spare parts for the gas generator case assembly 11200-Q0A-E000
SB_72-0035_R00	08/02/2016	INTRODUCTION OF REWORKED FAN CASE P/N 2531M40G05 - ENGINE - FAN CASE AND STATOR (72-00-01)	CAT 5 - Serial numbers 883105 and 883130 through 883224. Provides instructions to rework the affected fan case P/N 2531M40G03 to P/N 2531M40G05
SB_72-0037_R00	12/30/2016	INTRODUCTION OF THE NEW FAN STATOR ASSEMBLY - ENGINE - BASE ENGINE ASSEMBLY (72-00-01)	CAT 9 - Information only. 883130 A new Fan Stator Assembly (15210-Q0A-B000) is introduced for engine serial number 883130. The existing Fan Stator Assembly (15210-Q0A-A000) remains the same for ESN 883131 and in
SB_72-0042_R00	07/17/2017	REPLACEMENT OF THE LPT STAGE 2 NOZZLE ASSEMBLY - ENGINE - GENERAL (72-00-00)	CAT 2 - Perform SB as soon as possible without effect on operational service but before 600 hours - 883161, 883165, 883166, 883172, 883173 - LPT Stage 2 Nozzle Assy P/N 16610-Q0A-B300
SB_72-0044_R00	05/22/2017	SPARE PARTS RELEASE FOR HF120 ENGINES - ENGINE - GENERAL (72-00-00)	CAT 8 - Spare Parts Release. Introduces spare parts for the Fan Stator Assembly 15210-Q0A-A000 and 15210-Q0A-A100 (SIN 83601) (CSN 10-050, 72-00-01).
SB_72-0056_R00	04/28/2017	INTRODUCTION OF IMPROVED ACCESSORY GEARBOX (AGB) - ENGINE - ACCESSORY GEARBOX (AGB) (72-00-05)	CAT 7 - GHAE recommends at customer convenience. ESN's 883-265 and UP. Releases a redesigned accessory gearbox to improve maintainability, incorporates a single piece AGB scavenge screen and cap assembly.

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Factory Complied

Compliance Statement:

SB_72-0056_R01	04/28/2017	INTRODUCTION OF IMPROVED ACCESSORY GEARBOX (AGB) - ENGINE - ACCESSORY GEARBOX (AGB) (72-00-05)	ISSUED TO UPDATE PARAGRAPH 1., PLANNING INFORMATION.
SB_73-0001_R00	08/31/2015	REQUIREMENTS FOR AND APPROVAL OF FUEL AND ADDITIVES - FUEL AND CONTROL SYSTEM (73-00-00)	CAT 9 - No work is necessary as a result of this SB. Releases a list of approved fuels, minimum fuel properties, and approved fuel additives for use in all HF120 engines.
SB_73-0002_R00	01/16/2015	INTRODUCTION OF HF120 FADEC SOFTWARE DA30 - FUEL AND CONTROL SYSTEM (73-00-00)	CAT 7 - GHAE recommends at customer convenience. Identifies new software for installation in the (ECU). The new software is known as DA30 and replaces DA24.
SB_73-0003_R00	03/03/2016	NEW FUEL NOZZLE - ENGINE - AFT ENGINE ASSEMBLIES (72-00-04)	CAT 9 - Information only. This Service Bulletin has been introduced in production and improves coking life, wear capability, and decreases fuel flow variation during engine operation. P/N 19601-Q0A-A000
SB_73-0004_R00	07/18/2016	INTRODUCTION OF THERMAL PROTECTOR - ENGINE FUEL AND CONTROL - GENERAL - (73-00-00)	CAT 7 - Releases a new thermal protector P/N 25500-Q0A-0000
SB_73-0006_R00	02/20/2017	INTRODUCTION OF NEW FUEL NOZZLES - ENGINE - AFT ENGINE ASSEMBLIES (72-00-04)	CAT 7 - GHAE recommends at customer convenience or option. Applicable to all HF120 engines, has been introduced in production on 883-260 and UP. Releases new fuel nozzle assemblies 19601-Q0A-B000, 19602-Q0A-B000, 19603-Q0A-B000, and 19604-Q0A-B000
SB_73-0007_R00	01/30/2017	REPLACEMENT OF THE ELECTRONIC CONTROL UNIT - ENGINE FUEL AND CONTROL - GENERAL - (73-00-00)	CAT 2 - Perform SB as soon as possible without effect on operational service but before 400 hours
SB_73-0008_R00	03/16/2017	SPARE PARTS RELEASE FOR HF120 ENGINES - ENGINE FUEL AND CONTROL - GENERAL (73-00-00)	CAT 8 - Spare Parts Release. Introduces new Electronic Control Unit (ECU) (34100-Q0A-B000) assembly spare parts to the HF120 spare parts list
SB_73-0011_R00	05/23/2017	REMOVAL OF THE MSOV FIRE SHIELD - ENGINE - FUEL AND CONTROL - GENERAL (73-00-00)	CAT 7 - GHAE recommends at customer convenience. SB has been introduced on 883263 and UP. Removes MSOV FIRE SHIELD, 25450-Q0A-0100
SB_79-0001_R00	07/22/2014	APPROVED OILS - GENERAL (79-00-00)	CAT 9 - Information only. A list of oils by brand name that are approved for service operation in HF120-H1A engines.

AIRWORTHINESS STATUS REPORT

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Engine Model/Serial No: HF120-H1AG04 / 883326

Airworthiness Directive No.	Issued	Title	Note
None Issued			