SPECIFICATION SUMMARY

Airbus A320-200

POS. 1

Rev.: No. 3

Date: 27-DEC-2019

* Aircraft are currently in an approved storage programme

AIRCRAFT IDENTIFICATION

Aircraft Model	A320-214
Manufacturer Serial Number	TBA
Manufacture Date	DEC – 2009
Aircraft Registration	TBA
Engines Model	CFM56-5B4/3
APU Model	APS3200

WEIGHTS OPERATIONAL

	Metric	US Customary
Maximum Taxi Weight (MTW)	77`400 (Kg)	170`638 (Lbs)
Maximum Take Off Weight (MTOW)	77`000 (Kg)	169`757 (Lbs)
Maximum Landing Weight (MLW)	66`000 (Kg)	145`505 (Lbs)
Maximum Zero Fuel Weight (MZFW)	62`500 (Kg)	137`789 (Lbs)
Operating Empty Weight (OEW)	41`244 (Kg)	90`927 (Lbs)
Maximum Structural Payload *	21`155 (Kg)	46`639 (Lbs)
Fuel Capacity (FC)	23`859 (Ltr)	6`303 (USG)

* ESTIMATED **VW 012**

AIRFRAME STATUS

Total Airframe Hours	22`802
Total Cycles	16`761
Status Date	31-AUG-2019

NOTE: AVERAGE UTILISATION 200 FH & 150 FC PER MONTHS

MAINTENANCE STATUS

C - Check interval	24 MO
6Y - Check interval	72 MO
12Y - Check interval	144 MO
Last C - Check	04-SEP-2018 at 22`007 FH & 16`273 FC
Last 6Y – Check	22-JUN -2015 at 15`837 FH & 11`599 FC
Last 12Y – Check	NONE
Next C – Check	04-SEP-2020
Next 6Y – Check	22-JUN -2021
Next 12Y - Check	DEC-2021

LDG DETAILS	NLG	LH MLG	RH MLG
Part Number	NA28003-12	201581001	201581002
Serial Number	TBA	TBA	TBA
Position	NLG	LH MLG	RH MLG
Hours Since New	22`802	22`802	22`802
Cycles Since New	16`761	16`761	16`761
Last Overhaul Date	19-FEB-2018	19-FEB-2018	19-FEB-2018
Cycles Since Overhaul	488	488	488
Remaining Cycles	19`512	19`512	19`512
Overhaul Due Date	19-FEB-2028	19-FEB-2028	19-FEB-2028
Overhaul Interval	20`000 CYC or 10 Years	20`000 CYC or 10 Years	20`000 CYC or 10 Years
Wheel Assy Part Number	TBA	TBA	TBA
Brakes & Part Number		TBA	
Status Date	31-AUG-2019	31-AUG-2019	31-AUG-2019

ENGINE / APU DETAILS	Engine 1	Engine 2	APU
Manufacturer	CFMI	CFMI	APIC
Model	CFM56-5B4/3	CFM56-5B4/3	APS3200
Thrust Rate	27`000 Lbf	27`000 Lbf	

ENGINE / APU STATUS	Engine 1	Engine 2	APU
Serial Number	TBA	TBA	TBA
Total Time Since New	19`992	21`377	16`046
Total Cycles Since New	14`726	15`566	15`353
Last Shop Visit	01-OCT-2016	03-AUG-2016	10-NOV-2017
Scope of Shop Visit	Performance Restoration	Performance Restoration	Performance Restoration
Hours Since Last Shop Visit	2`255	3`361	754
Cycles Since Last Shop Visit	1`691	2`519	506
First LLP Limiter	5`274	4`434	TBA
Status Date	31-AUG-2019	31-AUG-2019	31-AUG-2019

NOTE: AVERAGE UTILISATION 200 FH & 150 FC PER MONTHS

ENGINE Pos.#1 - LLP

ENGINE TYPE:	TSN:	19`992 EFH	TSLSV:	2`255 EFH	DATE:
CFM56-5B4/3	CSN:	14`726 EFC	CSLSV:	1`691 EFC	31-AUG-2019

NO.	PART NAME	PART NUMBER	TOTAL HOURS	TOTAL CYCLES	LIFE LIMIT CYCLES	REMAINING CYCLES
	LPC ROTOR ASSY					
1)	SHAFT, FAN	338-010-601-0	19`992	14`726	30`000	**15`274**
2)	DISK STG.1, FAN	338-001-504-0	19`992	14`726	30`000	**15`274**
3)	SPOOL, BOOSTER	338-001-906-0	19`992	14`726	30`000	**15`274**
	HPC ROTOR ASSY					
4)	FRONT SHAFT, HPC	1386M56P03	19`992	14`726	20`000	**5`274**
5)	HPC ROTOR SPOOL STG 1 & 2	1558M31G07	19`992	14`726	20`000	**5`274**
6)	HPC ROTOR DISK STG 3	2116M23P01	19`992	14`726	20`000	**5`274**
7)	HPCR SPOOL ASSY STG 4-9	2048M20G03	19`992	14`726	20`000	**5`274**
8)	CDP ROTATING REAR AIR SEAL	2116M25P01	19`992	14`726	20`000	**5`274**
	HPT ROTOR ASSY					
9)	HPT ROTOR FRONT SHAFT	2048M21P03	19`992	14`726	20`000	**5`274**
10)	HPT FRONT ROTATING AIR SEAL	2116M20P02	19`992	14`726	20`000	**5`274**
11)	DISK - HPT ROTOR	1498M43P07	19`992	14`726	20`000	**5`274**
12)	HPT REAR SHAFT	1864M90P05	19`992	14`726	20`000	**5`274**
	LPT ROTOR ASSY					
13)	LPT SHAFT	338-010-005-0	19`992	14`726	25`000	**10`274**
14)	LPT ROTOR DISK STG 1	336-001-804-0	19`992	14`726	25`000	**10`274**
15)	LPT ROTOR DISK STG 2	336-001-909-0	19`992	14`726	25`000	**10`274**
16)	LPT ROTOR DISK STG 3	336-002-006-0	19`992	14`726	25`000	**10`274**
17)	LPT ROTOR DISK STG 4	336-002-105-0	19`992	14`726	25`000	**10`274**
18)	LPT ROTOR SUPPORT	338-077-502-0	19`992	14`726	25`000	**10`274**

NOTE: AVERAGE UTILISATION 200 FH & 150 FC PER MONTHS

ENGINE Pos.#2 - LLP

ENGINE TYPE:	TSN:	21`377 EFH	TSLSV:	3`361 EFH	DATE:
CFM56-5B4/3	CSN:	15`566 EFC	CSLSV:	2`519 EFC	31-AUG-2019

NO.	PART NAME	PART NUMBER	TOTAL HOURS	TOTAL CYCLES	LIFE LIMIT CYCLES	REMAINING CYCLES
	LPC ROTOR ASSY					
1)	SHAFT, FAN	338-010-601-0	21`377	15`566	30`000	**14`434**
2)	DISK STG.1, FAN	338-001-504-0	21`377	15`566	30`000	**14`434**
3)	SPOOL, BOOSTER	338-001-906-0	21`377	15`566	30`000	**14`434**
	HPC ROTOR ASSY					
4)	FRONT SHAFT, HPC	1386M56P03	21`377	15`566	20`000	**4`434**
5)	HPC ROTOR SPOOL STG 1 & 2	1558M31G07	21`377	15`566	20`000	**4`434**
6)	HPC ROTOR DISK STG 3	2116M23P01	21`377	15`566	20`000	**4`434**
7)	HPCR SPOOL ASSY STG 4-9	2048M20G04	TBA	8`684	20`000	**11`316**
8)	CDP ROTATING REAR AIR SEAL	2116M25P01	TBA	11`460	20`000	**8`540**
	HPT ROTOR ASSY					
9)	HPT ROTOR FRONT SHAFT	2048M21P03	21`377	15`566	20`000	**4`434**
10)	HPT FRONT ROTATING AIR SEAL	2116M20P02	21`377	15`566	20`000	**4`434**
11)	DISK - HPT ROTOR	1498M43P07	21`377	15`566	20`000	**4`434**
12)	HPT REAR SHAFT	1864M90P05	21`377	15`566	20`000	**4`434**
	LPT ROTOR ASSY					
13)	LPT SHAFT	338-010-005-0	TBA	13`611	25`000	**11`389**
14)	LPT ROTOR DISK STG 1	336-001-804-0	TBA	13`611	25`000	**11`389**
15)	LPT ROTOR DISK STG 2	336-001-909-0	TBA	13`611	25`000	**11`389**
16)	LPT ROTOR DISK STG 3	336-002-006-0	TBA	13`611	25`000	**11`389**
17)	LPT ROTOR DISK STG 4	336-002-105-0	TBA	13`611	25`000	**11`389**
18)	LPT ROTOR SUPPORT	338-077-502-0	TBA	13`611	25`000	**11`389**

NOTE: AVERAGE UTILISATION 200 FH & 150 FC PER MONTHS

MAJOR AVIONICS EQUIPMENT			
DESCRIPTION	MANUFACTURER	PART NUMBER	QTY
ATA 22 - Automatic Flight Controls			
FMC – FLIGHT MANAGEMENT E COMPUTER	Thales Avionics	C13043AA04	2
ATA 23 – Communication			
VHF Transceiver	Thales Avionics	822-1287-120	3
HF Com Transceiver	Rockwell Collins	822-0990-003	1
Solid State Cockpit Voice Recorder	Honeywell	980-6022-001	1
ATA 31 - Indication and Recording System			
SSFDR - SOLID STATE FLIGHT DATA RECORDER SYSTEM	Honeywell	980-4700-042	1
ATA 34 – Navigation			
ADIRU - Air Data Inertial Reference Unit	Honeywell	HG2030BE03	3
ATC Transponder	L3-Communications	7517800-10100	2
VOR / Marker Beacon Receiver	Rockwell Collins	822-0297-020	2
ADF - Automatic Direction Finder Receiver	Rockwell Collins	822-0299-020	1
DME - Distance Measuring Equipment Interrogator	Rockwell Collins	822-0329-020	2
Weather Radar Transceiver	Honeywell	066-50008-0409	2
Radio Altimeter Transceiver	Rockwell Collins	822-0334-020	2
MMR - Multi-Mode Receiver	Rockwell Collins	822-1152-122	2
TCAS Computer	Honeywell	9000000-11414	1

MODIFICATION STATUS	COMPLIANCE	NOTES
STANDARD SPECIFICATION	D00002000	
CERTIFICATION	EASA	EASA TCDS A.064
NOISE Abatement Compliance	Yes	Stage IV iaw. ICAO Annex 16, Volume I, Part II
Approach Category	CATIII	
ETOPS	No	
Over Water capability	No	
Sharklets/Winglets	No	
Auxiliary Fuel Capacity	No	
Fuel Tank Inerting System Nitrogen Gas System	Yes	EASA – P by 01-JAN-2012; R – Not required FAA – P by 28-DEC-2010 / R 100% Fleet by 26-DEC-2017
Reinforced Cockpit Door	Yes	
Cockpit 3th occupant seat	Yes	
Cargo Fire Suppression	Yes	
Cargo Loading System	No	Bulk Cargo
Brake Type (Steel/Carbon)	Carbon	
Brake Cooling Fans Installed	Yes	
Cockpit Door Surveillance System	Yes	
EGPWS	TBA	
RVSM	Yes	
TCAS 7.1	Yes	EASA – P on 12-MAR-2014 / R on 01-DEC-2015 FAA – Not required
Enhanced Surveillance (EHS) Mode S, ATC Transponder	Yes	
Elementary Surveillance (ELS)	Yes	
ATC Mode S Transponder ADS-B Out DO 260B capability	No	EASA – P on 08-JUN-2016 & R on 07-JUN-2020 FAA – P & R on 01-JAN-2020
SELCAL	Yes	
ISIS (Metric altitude)	Yes	
Predictive Windshear	Yes	
Head-Up Display (HUD)	No	EASA / FAA – Not mandatory CAAC – R - 10% Fleet by 2015 & R - 100% by 2025
Area Navigation (BRNAV & PRNAV)	Yes	BRNAV = +/- 5 NM RNAV5 & PRNAV = +/- 1 NM RNAV1
Aircraft Performance Based Navigation (PBN) Capability A/C PBN APPROVAL = RNP APCH (to LNAV/VNAV)	Yes	EASA – 3 Phase Approach – Various dates FAA – Not required RNAV-1 / RNAV-2 / RNAV-5 / RNAV-10 (RNP-10) / Basic RNP-1/ RNP-4 / RNP APCH / ADS-B
GPS Installed	Yes	
FM Immunity	Yes	
VHF 8.33 kHz Chanel spacing	Yes	EASA – Mandatory above FL195 FAA – Not mandatory
FANS 1/A Installed & Activated	No	EASA & FAA on NAT between FL350-390
FANS B+ Installed & Activated	No	
ATN B1 Data Link (CPDLC) Installed	No	EASA – P & R on 05-FEB-2020 for AC > JAN-2003 and R on 01-JAN-2023 for AC < JAN-2003 FAA – Not required
SATCOM Installed	Yes	EASA – Not mandatory FAA – Mandatory, if ETOPS > 180 Mins CAAC – R - 50% Fleet by 2015 & R - 100% by 2017
CVR with Data Link Recording	No	EASA – P on 08-APR-2014 / R on 01-JAN-2016: CAT.IDE.A195 FAA – P & R on 12-DEC-2010
SSCVR 2Hrs + ULB 90 Days	Yes	EASA – P & R by 01-JUN-2018 FAA–ULB<30Daysby01-DEC-2015&<90Daysby01-DEC-2015
SSFDR + ULB 90 Days	Yes	
Low-Frequency Underwater Locator Device (ULD)	Yes	EASA – P & R by 01-JAN-2019 CAT.IDE.A190 FAA / CAAC – Not required
ELT 121.5 / 406 MHz - Fixed	Yes	
ELT 121.5 / 243 / 406 MHz - Portable	Yes	

INTERIOR CONFIGURATION			
Galleys	3 [G1; G2A; G5]	Catering Standard	ATLAS
Lavatories	TBA	Ovens/Water Boilers/Coffey Makers	TBA
Attendant Seats	TBA	FS Trolleys/ HS Trolleys /Alu. Containers	TBA
In Flight Entertainment	TBA	Cockpit Configuration	Standard (2+1)

Seats	Quantity	Manufacturer	Part Number
Business Class	12	B/E Aerospace	TBA
Economy Class	120	B/E Aerospace	TBA

CARGO CONFIGURATION			
Cargo Configuration	Bulk	Designee (Fire Detection/Protection) class	C
Cargo Volume	37.42 ³Metres	Containers	No
Load Limitation	9`435 Kg	Main Cargo Door(s)	71" x 48"