Asset Detailed Specification

Manufacturer: Airbus

Model Designation: A320-212

Serial Number:

Registration:

A/C Type:	**A320-212**	**Registration:**	
MSN:		**APU Model:**	**GTCP 36-300**
DoM:	**1997**	**Engine Designation:**	**CFM56-5A3**
As per:	**Feb/2020**	**TSN:**	**47900**
		CSN:	**21405**

Asset Specific Data:

Aircraft Weights: Description:	Current (kg)	Max. Designed (kg)
Maximum Taxi Weight	77 400	77 400
Maximum Take Off Weight	77 000	77 000
Maximum Landing Weight	64 500	64 500
Maximum Zero Fuel Weight	61 000	61 000
Basic Empty Weight	42 710	

	Description:	Comments:
Aircraft – General		
Certification Base (FAA/EASA)		
Autoland Capabilities – Approach Category	CAT IIIB	
Noise Category Compliance	Chapter 4	
Reduced Vertical Separation Minimum (RVSM)	Yes	
Extended-range Twin-engine OperationS	Not Capable	
Aircraft – Build Info		
Airstair Installed	No	
Winglets Installed	No	
Fuel Information		
Usable Fuel Capacity	23 859 liters	
Auxiliary Fuel Tanks Installation	No	
Interior Information		
Cabin Class Configuration 180 YC		
Engine Information		
Engine Thrust Rating – Factory Delivery	26,500 Lbs	
Engine Thrust Rating – Current Operating	26,500 Lbs	
APU Information		
APU Model	GTCP36-300	
Avionics/Communication		
FMC data base memory	Yes	
GPS installed	No	
Operational Requirements		
Compliance with: Cockpit Entrance Surveillance	Yes	
Compliance with: TCAS	Yes	v7.1
VHF 8.33 KHz spacing, (ICAO Annex 10 3.1.4 / JAA TGL 7)	Yes	
Cargo Compartments		
Cargo Loading System	No	

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As per:	**Feb/2020**	**TSN:**	**47900**
		CSN:	**21405**

Registration History:

Registration:	Registration date:	De-registration date:	Country:
	Nov/1997	Apr/2002	
	Apr/2002	Oct/2002	
	Jun/2003	Oct/2005	
	Oct/2005	Oct/2005	
	Jun/2011	Feb/2013	
	Feb/2013	Aug/2013	
	Feb/2013	May/2017	
	May/2013		

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		CSN:	**21405**

Airframe:

Model: A320-212 Maintenance plan: (default)

Manufacturer: Airbus

	As per:	FH:	FC:	Ratio:
Planned Utilization per year:		0.00	0	0.00
Totals Since New:	13/Feb/2020	47900	21405	2.23

				Since Last Check		
Check History:	Date:	FH:	FC:	Days:	Hours:	Cycles:
A check	11/Sep/2019	47852	21380	156	48	25
C Check	28/Oct/2017	43931	19626	839	3969	1779
6 Year Check	15/May/2015	40025	17633	1736	7875	3772
12 Year Check	18/Jan/2009	30098	13512	4044	17802	7893

A/C Type: A320-212 **Registration:**

MSN: **APU Model:** GTCP 36-300

DoM: 1997 **Engine Designation:** CFM56-5A3

As per: Feb/2020 **TSN:** 47900

CSN: 21405

Engines:

Serial No.:

Engine Model: CFM56-5A3 Location: Left

Manufacturer: CFMI Status: On Aircraft

Thrust Level: 26,500 Lbs

	As per:	FH:	FC:	Ratio:	Lowest Limiter FC remaining:
Totals Since New:	13/Feb/2020	41879	31719	1.32	2957

				Since Last Shop Visit		
Shop Visit:	Date:	FH:	FC:	Days:	Hours:	Cycles:
Performance Restoration and LLP Replacement	15/Aug/2016	36506	29234	1278	5373	2485

The LLP data below is based upon the LLP snapshot as at **Creation date** 13/Feb/2020

Engine data			Life Limits		Receiving situation			Operated		Total situation	Remaining cycles	
Nomenclature	PN installed	SN installed	Cycle limit 5A1	Cycle limit 5A3	Usage 5A1	Usage 5A3	Usage 5B	Usage 5A1	Usage 5A3		Rem cycles 5A1	Rem cycles 5A3
Fan Disk	336-018-105-0	BC529921	25000	23000	6557	2431	0	1983	2933	11473	13271	12210
Booster spool	336-014-808-0	PA152271	30000	30000	3097	751	0	1983	1253	6333	23667	23667
Fan Shaft	335-006-414-0	R019639	30000	30000	23807	751	0	1983	1253	27043	2957	2957
Forward Shaft	1386M56P03	GWN05JW6	20000	20000	10856	751	0	1983	1253	14092	5908	5908
Stage 1-2 Spool	1558M31G04	GWN059KW	20000	20000	10856	751	0	1983	1253	14092	5908	5908
Stage 3 Disk	1590M59P01	XAE54487	20000	20000	10856	751	0	1983	1253	14092	5908	5908
Stage 4-9 Spool	1588M89G03	GWN0LKK6	20000	20000	0	751	6449	1983	1253	9685	10315	10315
Compressor Rear (COP) Air Seal	1359M86P03	GFF5A7LP	20000	20000	10856	751	0	1983	1253	14092	5908	5908
HPT Front Shaft	1386M80P05	XAE56423	20000	20000	6278	751	0	1983	1253	9514	10486	10486
HPT Front Air Seal	1863M77P01	GWN09W34	17800	17800	6278	751	0	1983	1253	9514	8286	8286
HPT Disk	1319M13P08	GWN09NF8	17300	17300	6278	751	0	1983	1253	9514	7786	7786
HPT Rear Shaft	1864M89P02	DED72015	19500	19500	6278	751	0	1983	1253	9514	9986	9986
LPT Stage 1 Disk	336-001-804-0	BC202413	25000	25000	15046	751	0	1983	1253	18282	6718	6718
LPT Stage 2 Disk	336-001-909-0	PA324091	25000	25000	1411	751	0	1983	1253	4647	20353	20353
LPT Stage 3 Disk	336-002-006-0	BB944382	25000	25000	15046	751	0	1983	1253	18282	6718	6718
LPT Stage 4 Disk	336-002-105-0	BC099020	25000	25000	15046	751	0	1983	1253	18282	6718	6718
LPT Shaft	336-009-710-0	LA115964	25000	25000	15046	751	0	1983	1253	18282	6718	6718
LPT Conical Support	338-077-502-0	BC003425	25000	25000	1411	751	13724	1983	1253	18371	6629	6629

A/C Type:	**A320-212**	**Registration:**	
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DoM:	**1997**	**Engine Designation:**	**CFM56-5A3**
As per:	**Feb/2020**	**TSN:**	**47900**
		CSN:	**21405**

Engines:

Serial No.:

Engine Model:	CFM56-5A3	Location:	Right
Manufacturer:	CFMI	Status:	On Aircraft
		Thrust Level:	26,500 Lbs

	As per:	FH:	FC:	Ratio:	Lowest Limiter FC remaining:
Totals Since New:	13/Feb/2020	64035	35369	1.81	3593

				Since Last Shop Visit		
Shop Visit:	Date:	FH:	FC:	Days:	Hours:	Cycles:
Performance Restoration and LLP Replacement	23/Jun/2016	60346	32318	1331	3689	3051

The LLP data below is based upon the LLP snapshot as at **Creation date** 13/Feb/2020

Engine data			Life Limits		Receiving situation		Operated		Total situation	Remaining cycles	
Nomenclature	PN installed	SN installed	Cycle limit 5A1	Cycle limit 5A3	Usage 5A1	Usage 5A3	Usage 5A1	Usage 5A3		Rem cycles 5A1/F	Rem cycles 5A3
Fan Disk	336-018-105-0	PA353531	25000	23000	0	9525	681	198	10404	14596	12650
Booster spool	336-014-808-0	BC838005	30000	30000	0	9525	681	198	10404	19596	19596
Fan Shaft	335-006-414-0	DC549537	30000	30000	0	22887	681	198	23766	6234	6234
Forward Shaft	1386M56P03	GWN0EW62	20000	20000	1255	13773	681	198	15907	4093	4093
Stage 1-2 Spool	1558M31G04	GWN0EGJ3	20000	20000	1255	13773	681	198	15907	4093	4093
Stage 3 Disk	1590M59P01	XAEH5149	20000	20000	1255	13773	681	198	15907	4093	4093
Stage 4-9 Spool	1588M89G03	GWN0EHK4	20000	20000	1255	13773	681	198	15907	4093	4093
Compressor	1359M86P03	GFF5DMR4	20000	20000	1255	13773	681	198	15907	4093	4093
HPT Front Shaft	1386M80P05	XAE56627	20000	20000	1255	13773	681	198	15907	4093	4093
HPT Front Air	1863M77P01	TMT3TB27	17800	17800	6977	2172	681	198	10028	7772	7772
HPT Disk	1319M13P08	GWN0938F	17300	17300	10490	2172	681	198	13541	3759	3759
HPT Rear Shaft	1864M89P02	TMTTD413	19500	19500	1255	13773	681	198	15907	3593	3593
LPT Stage 1 Disk	336-001-804-0	BB197652	25000	25000	0	13558	681	198	14437	10563	10563
LPT Stage 2 Disk	336-001-909-0	BC202630	25000	25000	10847	9525	681	198	21251	3749	3749
LPT Stage 3 Disk	336-002-006-0	BB193487	25000	25000	0	15730	681	198	16609	8391	8391
LPT Stage 4 Disk	336-002-105-0	DD687721	25000	25000	0	15636	681	198	16515	8485	8485
LPT Shaft	338-077-502-0	DF175275	25000	25000	0	9525	681	198	10404	14596	14596
LPT Conical	336-009-710-0	PA053656	25000	25000	0	9525	681	198	10404	14596	14596

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As per:	**Feb/2020**	**TSN:**	**47900**
		CSN:	**21405**

Landing Gears:

Serial No.:

Part Number: 201375007-040

Location: Left

Status: On Aircraft

Description: **Left Main Landing Gear**

Manufacturer: Messier Dowty

		Since Last Shop Visit	
Shop Visit:	Date:	Days:	Cycles:
Landing Gear Overhaul	07/Jul/2011	3144	9232

Serial No.:

Part Number: 201375008-040

Location: Right

Status: On Aircraft

Description: **Right Main Landing Gear**

Manufacturer: Messier Dowty

		Since Last Shop Visit	
Shop Visit:	Date:	Days:	Cycles:
Landing Gear Overhaul	07/Jul/2011	3144	9232

Serial No.:

Part Number: D23175001-19

Location: Nose

Status: On Aircraft

Description: **Nose Landing Gear**

Manufacturer: Messier Dowty

		Since Last Shop Visit	
Shop Visit:	Date:	Days:	Cycles:
Landing Gear Overhaul	22/Apr/2011	3220	9232

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DoM:	**1997**	**Engine Designation:**	**CFM56-5A3**
As per:	**Feb/2020**	**TSN:**	**47900**
		CSN:	**21405**

APU:

Serial No.:

Location:

Part Number:	3800278-4
Model:	GTCP 36-300A
Manufacturer:	Honeywell-Allied Signal
Status:	On Aircraft

	As per:	Hours:	Cycles:	Ratio:
Totals Since New:	13/Feb/2020	31498	40352	0.78

				Since Last Shop Visit		
Shop Visit:	Date:	Hours:	Cycles:	Days:	Hours:	Cycles:
APU Repair	16/Apr/2013	UNK	UNK	2495		

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As per:	**Feb/2020**	**TSN:**	**47900**
		CSN:	**21405**

Configuration Components:

Avionics

Radio Navigation Equipment				
Component Description	**Manufacturer**	**Type**	**Frequency**	**Units/AC**
VHF Com Tranciever	Rockwell Collins	822-1044-020	118,0-136,975 grid of frequencies 8,33	3
HF TRANSIEVER	Rockwell Collins	622-5272-020	2-29.999 increments of 1kHz	2
Flight Data Recorder	Honeywell	980-4700-042		1
FMGC	Honeywell	B546CAM0104		2
DME 900	Rockwell Collins	622-4540-023	962 - 1213 MHz	1
ADF	Bendix	2041168-7513		2
CVR	Hamilton Sundstrand	980-6022-001		1
ATC TRANSPONDER	Rockwell Collins	622-7878-301		2
TCAS 7.1	ACSS	751-7900-10020	1030 - 1090 MHz	1
Radio Altimeter	THALES	9599-607-14942	4250 - 4350 MHz	2
VOR, Marker Receiver	Rockwell Collins	822-0726-020	108-117,95 MHz	2
WXR Transceiver	Honeywell	M1-585306-402	8000 - 12000 MHz	2
ELT	Honeywell	KANNAD 406	121,5/243/406,025 MHz	2
EGPWS	Honeywell	965-1676-003		1
MOD S Transponder	Rockwell Collins	622-7878-301	1030-1090 MHz	2
ADIRU	Honeywell	HG1150AC08	N/A	3