

## AIRCRAFT IDENTIFICATION

Aircraft Model	A320-233
Manufacture Year	2012
Engines Model	V2527E-A5 [SelectOne]
APU Model	APS 3200

## WEIGHTS, OPERATIONAL

	Metric	US Customary
Maximum Taxi Weight (MTW)	77`400 [Kg]	170`638 [Lbs]
Maximum Take Off Weight (MTOW)	77`000 [Kg]	169`756 [Lbs]
Maximum Landing Weight (MLW)	64`500 [Kg]	142`223 [Lbs]
Maximum Zero Fuel Weight (MZFW)	61`000 [Kg]	134`482 [Lbs]
Fuel Capacity (FC)	23`775 [Ltr]	6`281 [USG]

## AIRFRAME STATUS

Total Airframe Hours	25`401
Total Cycles	10`982 29-
Status Date	FEB-2024

## MAINTENANCE STATUS

6 Y - Check interval	72 MO
12 Y - Check interval	144 MO
Last C – Check	29-JUN-2021 @ 25`383 FH & 10`977 FC
Last 6 Y – Check	21-MAR-2018 @ 18`948 FH & 8`188 FC
Last 12 Y – Check	NONE



LDG DETAILS	NLG	LH MLG	RH MLG
Manufacturer	Safran	Safran	Safran
Part Number	D23757550-7	201582001-040	201582002-040
Hours Since New	27`788	27`788	27`788
Cycles Since New	14`903	14`903	14`903
Last Overhaul Date	01-FEB-2020	01-FEB-2020	01-FEB-2020
Hours Since Last Overhaul	46	46	46
Cycles Since Last Overhaul	25	25	25
Remaining Cycles	19`975	19`975	19`975
Overhaul Due Date	01-FEB-2030	01-FEB-2030	01-FEB-2030
Overhaul Interval	20`000 FC or 10 Years	20`000 FC or 10 Years	20`000 FC or 10 Years
Status Date	29-FEB-2024	29-FEB-2024	29-FEB-2024

ENGINE / APU DETAILS	Engine 1	Engine 2	APU
Manufacturer	IAE	IAE	Hamilton Sundstrand
Model	V2527E-A5 [SelectOne]	V2527E-A5 [SelectOne]	APS 3200

ENGINE / APU STATUS	Engine 1	Engine 2	APU
Total Time Since New	14`369	23`821	19`781
Total Cycles Since New	7`628	10`383	10`029
Last Shop Visit Date	NONE	08-DEC-2016	11-NOV-2020
Scope of Last Shop Visit	N/A [First Run]	Performance Restoration + LLP Replacement	Performance Restoration
Hours Since Last Shop Visit	N/A	9`961	95
Cycles Since Last Shop Visit	N/A	4`357	133
First LLP Limiter	4`942	15`643	TBA
Status Date	29-FEB-2024	29-FEB-2024	29-FEB-2024

## ENGINE Pos.#1 – LLP

ENGINE Pos.#1 – LLP						
Engine Type:		TSN:	14`369	TSLSV:	N/A	
V2527E-A5 [SelectOne]		CSN:	7`628	CSLSV:	N/A	
NO.	PART NAME	PART NUMBER	TOTAL HOURS	TOTAL CYCLES	LIFE LIMIT CYCLES	REMAINING CYCLES
<b>LPC ROTOR ASSY</b>						
1 )	LPC - FAN DISK	5A1948	14`369	7`628	20`000	123`72
2 )	LPC - STUB SHAFT	5A0895	14`369	7`628	20`000	123`72
3 )	LPC - STAGE 1-5 TO 2.5 DISK	5R0159	14`369	7`628	20`000	123`72
<b>HPC ROTOR ASSY</b>						
4 )	HPC - STAGE 3 TO 8 DISK HPC -	6B1404	14`369	7`628	12`570	4`942
5 )	STAGE 9 TO 12 DISK HPC -	6A7546	14`369	7`628	20`000	123`72
6 )	REAR SHAFT HPC - REAR	6B1419	14`369	7`628	20`000	123`72
7 )	ROTATING SEAL	6A5869	14`369	7`628	20`000	123`72
<b>HPT ROTOR ASSY</b>						
8 )	HPT - STAGE 1 DISK HPT -	2A5001	14`369	7`628	20`000	123`72
9 )	STAGE 1 OUTER AIR SEAL HPT -	2A3423	14`369	7`628	20`000	123`72
10 )	STAGE 1 INNER AIR SEAL HPT -	2A3923	14`369	7`628	20`000	123`72
11 )	STAGE 2 AIR SEAL HPT - STAGE	2A4157	14`369	7`628	20`000	123`72
12 )	2 DISK HPT - STG 2 RETAINING	2A4802	14`369	7`628	20`000	123`72
13 )	PLATE	2A3437	14`369	7`628	20`000	123`72
<b>LPT ROTOR ASSY</b>						
14 )	LPT STAGE 3 DISK LPT STAGE 4	3A2513	14`369	7`628	20`000	123`72
15 )	DISK LPT STAGE 5 DISK LPT	3A1984	14`369	7`628	20`000	123`72
16 )	STAGE 6 DISK LPT STAGE 7	3A2430	14`369	7`628	20`000	123`72
17 )	DISK LPT STAGE 3 AIR SEAL LPT	3A1996	14`369	7`628	20`000	123`72
18 )	STAGE 4 AIR SEAL LPT STAGE 5	3A2514	14`369	7`628	20`000	123`72
19 )	AIR SEAL LPT STAGE 6 INNER	3A0963	14`369	7`628	20`000	123`72
20 )	AIR SEAL LPT STAGE 6 AIR SEAL	3A2422	14`369	7`628	20`000	123`72
21 )	LPT STAGE 7 AIR SEAL LPT	3A2423	14`369	7`628	20`000	123`72
22 )	SHAFT	3A3047	14`369	7`628	20`000	123`72
23 )		321988	14`369	7`628	20`000	123`72
24 )		3A2522	14`369	7`628	20`000	123`72
25 )		5A1762	14`369	7`628	20`000	123`72
<b>LOWEST LIMITER</b>						<b>4`942</b>

## ENGINE Pos.#2 – LLP

ENGINE Pos.#2 – LLP						
Engine Type:		TSN:	23`821	TSLSV:	9`961	Date:
V2527E-A5 [SelectOne]		CSN:	10`383	CSLSV:	4`357	29-FEB-2024
NO.	PART NAME	PART NUMBER	TOTAL HOURS	TOTAL CYCLES	LIFE LIMIT CYCLES	REMAINING CYCLES
<b>LPC ROTOR ASSY</b>						
1 )	LPC - FAN DISK	5A1948	9`961	4`357	20`000	15`643
2 )	LPC - STUB SHAFT	5A0895	9`961	4`357	20`000	15`643
3 )	LPC - STAGE 1-5 TO 2.5 DISK	5R0159	9`961	4`357	20`000	15`643
<b>HPC ROTOR ASSY</b>						
4 )	HPC - STAGE 3 TO 8 DISK HPC -	6B1404	9`961	4`357	20`000	15`643
5 )	STAGE 9 TO 12 DISK HPC -	6A7546	9`961	4`357	20`000	15`643
6 )	REAR SHAFT HPC - REAR	6B1419	9`961	4`357	20`000	15`643
7 )	ROTATING SEAL	6A5869	9`961	4`357	20`000	15`643
<b>HPT ROTOR ASSY</b>						
8 )	HPT - STAGE 1 DISK HPT -	2A5001	9`961	4`357	20`000	15`643
9 )	STAGE 1 INNER AIR SEAL HPT -	2A3423	9`961	4`357	20`000	15`643
10 )	STAGE 1 OUTER AIR SEAL HPT -	2A3923	9`961	4`357	20`000	15`643
11 )	STAGE 2 AIR SEAL HPT - STAGE	2A4157	9`961	4`357	20`000	15`643
12 )	2 DISK HPT - STG 2 RETAINING	2A4802	9`961	4`357	20`000	15`643
13 )	PLATE	2A3437	9`961	4`357	20`000	15`643
<b>LPT ROTOR ASSY</b>						
14 )	LPT STAGE 3 DISK LPT STAGE 4	3A2513	9`961	4`357	20`000	15`643
15 )	DISK LPT STAGE 5 DISK LPT	3A1984	9`961	4`357	20`000	15`643
16 )	STAGE 6 DISK LPT STAGE 7	3A2430	9`961	4`357	20`000	15`643
17 )	DISK LPT STAGE 3 AIR SEAL LPT	3A1996	9`961	4`357	20`000	15`643
18 )	STAGE 4 AIR SEAL LPT STAGE 5	3A2514	9`961	4`357	20`000	15`643
19 )	AIR SEAL LPT STAGE 6 INNER	3A0963	9`961	4`357	20`000	15`643
20 )	AIR SEAL LPT STAGE 6 AIR SEAL	3A2422	9`961	4`357	20`000	15`643
21 )	LPT STAGE 7 AIR SEAL LPT	3A2423	9`961	4`357	20`000	15`643
22 )	SHAFT	3A3047	9`961	4`357	20`000	15`643
23 )		321988	9`961	4`357	20`000	15`643
24 )		3A2522	9`961	4`357	20`000	15`643
25 )		5A1762	9`961	4`357	20`000	15`643
<b>LOWEST LIMITER</b>						<b>15`643</b>

## MAJOR AVIONICS EQUIPMENT

ABREVIATION	DESCRIPTION	VENDOR	PART NUMBER
<b>ATA - 22</b>	<b>AUTO FLIGHT</b>		
FAC	FLIGHT AUGMENTATION COMPUTER	THALES	B397BAM0621
FMGC	FLIGHT MANAGEMENT GUIDANCE COMPUTER	THALES	C13043BA08
<b>ATA - 23</b>	<b>COMMUNICATIONS</b>		
ACP	AUDIO CONTROL PANEL	COBHAM AVIONICS	ACP2788AE01
AMU	AUDIO MANAGEMENT UNIT	COBHAM AVIONICS	AMU4031LA140204
CVR	COCKPIT VOICE RECORDER	HONEYWELL	980-6022-001
3x VHF	VERY HIGH FREQUENCY TRANSCEIVER	THALES	EVR750-04-0100A
HF	HIGH FREQUENCY TRANSCEIVER	ROCKWELL COLLINS	822-0990-003
<b>ATA - 31</b>	<b>INDICATING/RECORDING SYSTEMS</b>		
SSFDR	SOLID STATE FLIGHT DATA RECORDER	L3-COMM	980-4700-042
<b>ATA - 34</b>	<b>NAVIGATION</b>		
ADIRU	AIR DATA/INERTIAL REFERENCE UNIT	NORTHROP GRUMMAN	465020-03030316
ADF	AUTOMATIC DIRECTION FINDER	ROCKWELL COLLINS	822-0299-020
DDRMI	DIGITAL DISTANCE AND RADIO MAGNETIC INDICATORS	THALES	63543-253-4
MMR	MULTI-MODE RECEIVER	THALES	TLS755-01-0102A
WR	WEATHER RADAR TRANSCEIVER	ROCKWELL COLLINS	822-170-10-204
WR A	WEATHER RADAR ANTENNA	ROCKWELL COLLINS	622-5137-601
WR AD	WEATHER RADAR ANTENNA DRIVE	ROCKWELL COLLINS	622-5136-801
WR CU	WEATHER RADAR CONTROL UNIT	ROCKWELL COLLINS	622-5130-820
RA	RADIO ALTIMETER TRANSCEIVER	THALES	9599-607-14943
TCAS	TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM COMPUTER	AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS	9000000-11414
ATC	AIR TRAFFIC CONTROL TRANSPONDER	AVIATION COMMUNICATION & SURVEILLANCE SYSTEMS	7517800-10005
ATC/TCAS CU	ATC/TCAS CONTROL UNIT	THALES	C12404AB02
DME	DISTANCE MEASURING EQUIPMENT INTEROGATOR	ROCKWELL COLLINS	822-0329-020
VOR	VERY HIGH FREQUENCY OMNI-DIRECTIONAL RANGE MARKER RECEIVER	ROCKWELL COLLINS	822-0297-020
<b>ATA - 46</b>	<b>FLIGHT CONTROLS</b>		
ATSU	AIR TRAFFIC SERVICES UNIT	EADS AIRBUS SAS	LA2T0G20705C070

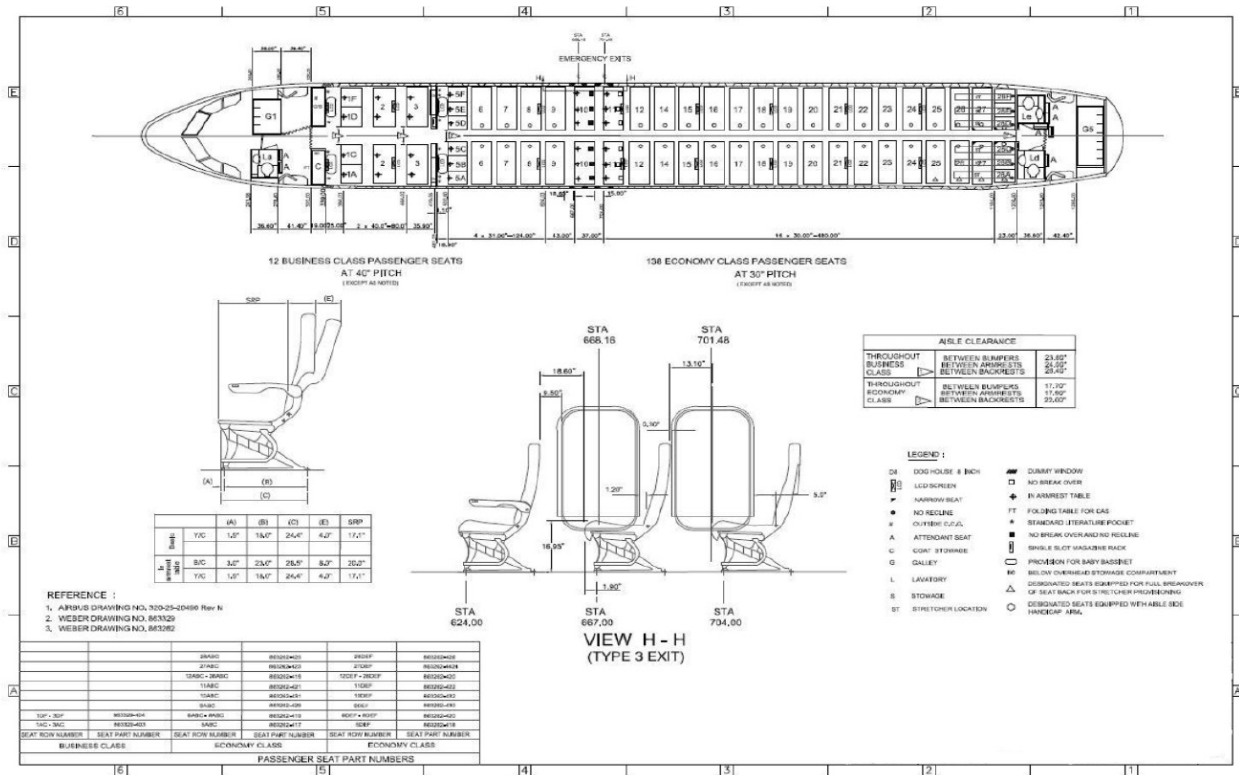
CAPABILITIES AND MODIFICATION STATUS	COMPLIANCE	NOTES
Auto-flight Approach Category	CAT III B	
ETOPS Rating	120 mins	
Runway Excursion Reduction	Yes	
Auxiliary Fuel Capacity	No	
Airstairs	No	
Fuel Tank Inerting System	Yes	EASA – P by 01-JAN-2012; R – Not required FAA
Nitrogen Gas System		FAA P BY 28-DEC-2010 / R 100% Fleet by 26-DEC-2017
Reinforced Cockpit Door	Yes	
Cockpit 4th occupant seat	No	
Cargo Loading System	Yes	
Cockpit Door Surveillance System	Yes	
RVSM – Reduced Vertical Separation Minima	Yes	
Traffic Collision Avoidance System [TCAS]	Yes	EASA – P on 12 -MAR-2014 / R on 01-DEC-2015
Software version 7.1	Yes	FAA – Not required
Enhanced Surveillance [EHS] Mode S, ATC Transponder	Yes	
Elementary Surveillance [ELS], ATC Transponder	Yes	
ATC Mode S Transponder ADS-B Out DO 260B capability	Installation Scheduled	EASA – P on 08 June 2016 & R on 07-JUN-2020 FAA - P & R on 01 - JAN - 2020
Area Navigation – BRNAV & PRNAV	Yes	BRNAV = +/- 5 NM RNAV 5 & PRNAV = +/- 1NM RNAV1
A/C Performance Based Navigation [PBN] Capability A/C PBN APPROVAL = RNP APCH [to LNAV/VNAV]	[RNP1; RNP5]	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 APRCH
GPS Installed	Yes	
GNSS-SA Aware	Yes	
TAWS - Terrain Awareness and Warning System	Yes	
FM Immunity [COMM & NAV]	Yes	
VHF 8.33 kHz Chanel spacing	Yes	EASA – Mandatory above FL195
FANS 1/A Installed & Activated	Yes	FAA – Not mandatory EASA & FAA on NAT between FL350-390
ATN B1 Data Link [CPDLC] Installed or Provisions	Yes	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 - Non Mandatory FAA - mandatory, if ETOPS > 180 mins CAAC - R - 50% Fleet by 2015 & R - 100% by 2017
SSCVR 2Hrs + ULB 90 Days	Yes	EASA - P & R by 01 - JUN - 2018 FAA - ULB < 30 days by 01 - DEC - 2015 & < 90 Days By 01 - DEC -2015
SSFDR + ULB 90 Days	Yes	EASA - P & R by 01 - JAN - 2020 FAA - ULB < 90 Days by 01 - DEC - 2015
ELT 406 MHz	Yes	

NOTE: P – PRODUCTION & R – RETROFIT

# INTERIOR CONFIGURATION

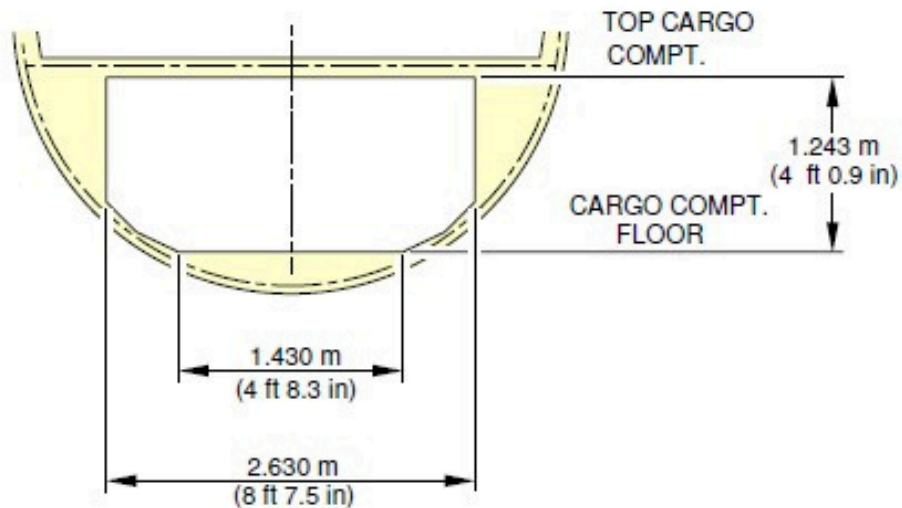
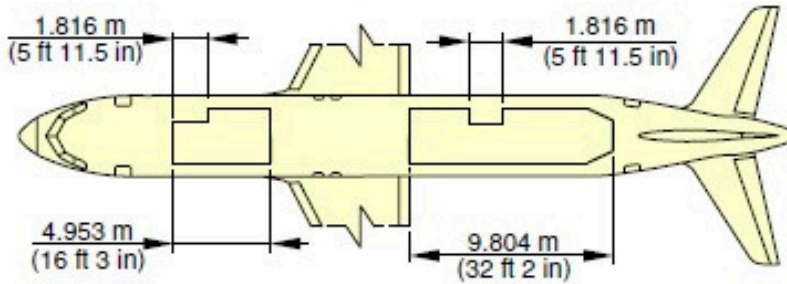
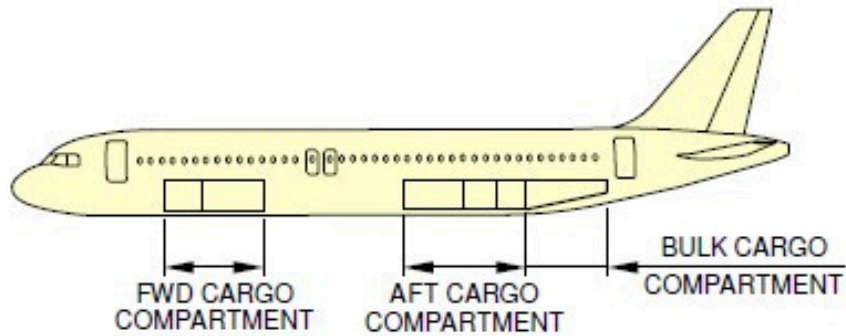
Galleys	3	Airstairs	No
Lavatories	3	Cockpit Configuration	Standard [2+1]
In Flight Entertainment	Yes [Panasonic eXW]	Attendant Seats	6

Seats	Quantity	Manufacturer
Business Class	12	Weber
Economy Class	138	Weber



## CARGO CONFIGURATION

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





# PERFORMANCE

## FOR INFORMATION PURPOSES ONLY

**NOTE:** THESE CURVES ARE GIVEN FOR INFORMATION ONLY  
THE APPROVED VALUES ARE STATED IN THE "OPERATING  
MANUALS" SPECIFIC TO THE AIRLINE OPERATING THE AIRCRAFT.

