

# 1993 AIRBUS A320 - GENERAL SPECIFICATIONS

Updated on: 30/Mar/2020

At Total Flight Hours: 75953:35

At Total Flight Cycles: 26429

At the age (Years): 26.8

**Model: A320-231**

**Manufacturer: Airbus Industrie**

**Weight Variant: WV10**

**First Test Flight: 13-Aug-93**

**Production Flight: 9-Nov-93**

<b>Fuel Capacity:</b>	6303 US Gals	23859 L
<b>Total Wing Tank:</b>	4124 US Gals	15609 L
<b>Center Tank:</b>	2179 US Gals	8250 L

<b>Maximum Taxi Weight:</b>	77400 kg	170637 lbs
<b>Maximum Take Off Weight:</b>	77000 kg	169755 lbs
<b>Maximum Landing Weight:</b>	64500 kg	142198 lbs
<b>Zero Fuel Weight:</b>	61000 kg	134481 lbs
<b>Operating Empty Weight:</b>	42515 kg	93729 lbs

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<b>Auxiliary Fuel:</b>	NONE
<b>Fuel Qty Indicating System:</b>	Digital

## POWER UNITS

Manufacturer:	International Aero Engines		Honeywell
Type & Model:	V2500-A1		GTCP36-300(A)
Position:	1	2	TAIL
Time since new TSN:	41460	58658	20382
Cycles since new CSN:	19335	23990	26306
Last shop visit date:	5- Apr -12	28- Mar -08	21- Nov -1 2
TT at LSV:	32748	46739	16023
TC at LSV:	15841	18331	22341
Engine MTX Program:	On Condition with manufacturer LLP		On Condition
Engine Limiter:	LPC, LPT	STAGE 9-12 DISK ASS	
Remaining cycles to LLP:	712	3919	
<b>NOISE COMPLIANCE STATUS:</b>	<b>FAR Part 36 Stage III Compliant</b>		

## LANDING GEAR

Position	LH MLG	RH MLG	NLG
Part Number	201375007	201375008-030	D23175001-19
TSN	62418	60648	4730
CSN	30644	35781	32215
Last Overhaul Date	30-Nov-09	12-Nov-09	19-Oct-10
TBO [FC]	12725	12725	16255
TBO [DAY]	27	27	350

## COCKPIT CONFIGURATION / INSTRUMENTATION

**No. of Crew Members: Two (2)** – captain and co-pilot

**Observer's Seats: One (1)** – located in the aft right cockpit area (bulkhead mounted)

**Cockpit Instrumentation:** Standard

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## LOWER CARGO COMPARTMENTS

**Number of Compartments:** Two (2) – one (1) forward and one (1) aft.

Manual (Compartments are not equipped with ballmats or cargo

**Loading System Type:** handling systems.)

note: A smoke / fire detection and built-in fire extinguishing system is not installed.

## MAJOR AVIONICS EQUIPMENT

Description	Mfr	Type	Quantity
Autopilot – FMGC	Thales	B398BCM0109	Two
Computer w/ Reactive Windshear	Thales	B397BAM0624	Two
VHF Transceiver	Collins	622-5219-020/ 822-1044-020	Three
VOR / Marker Beacon	Collins	822-0726-020	Two
ILS Receiver	Collins	622-9738-020	Two
ATC Mode S Transponder	Collins	TPR-720/ 066-01127-1402	Two
TCAS Computer 7.1	Honeywell	940-0351-005	One
EGPWS	Honeywell	965-1676-002	One
DME	Collins	DME-700/ 622-4540-023	Two
ADF	Collins	ADF-700/ 622-5222-020	One
Radio Altimeter	TRT	622-4542-020	Two
ADIRU	Honeywell	HG1150-AC08	Three
Weather Radar Transceiver	Collins	622-5132-120	One
SS CVR	Honeywell	980-6022-001	One
SS FDR	Honeywell	980-4700-042	One

## INTERIOR DATA:

**Total Pax Seats One hundred eighty (180) – economy class equipped with audio and channel selection controls in armrests. PSU mounted.**

Description	Mfr	Model No.	Quantity
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<b>Business Class Seats</b>	<b>N/A</b>	<b>N/A</b>	<b>none</b>
<b>Economy Class Seats</b>	<b>Airline Interior</b>	<b>AI-1000A-CAA</b>	<b>30 LH triple seats 30 RH triple seats</b>

**FAR 25.853 (Fire Blocking):** YES

**Flotation Type Seat Bottoms:** YES

**Entertainment System:** Passenger Entertainment (audio)

**Galleys:** TWO (2) units located in two (2) complexes G-1 (aft facing) unit and G-5 (forward facing) unit located aft of the L-2 / R-2 doors – spanning the aft section of the main cabin.

<b>Location</b>	<b>Fwd of R-1 door</b>		<b>Aft of L-2 / R-2 doors</b>
<b>Direction</b>	<b>Aft Facing</b>		<b>Fwd Facing</b>
<b>Height</b>	<b>Full</b>		<b>Full</b>
<b>Power</b>	<b>Yes</b>		<b>Yes</b>
<b>Water</b>	<b>Yes</b>		<b>Yes</b>
<b>Ovens</b>	<b>Two (2)</b>		<b>Four (4)</b>
<b>Coffee Maker</b>	<b>None</b>		<b>None</b>
<b>Hot Cups</b>	<b>None</b>		<b>None</b>
<b>Water Tap</b>	<b>One (1)</b>		<b>One (1)</b>
<b>Water Heaters</b>	<b>Two (2)</b>		<b>Three (3)</b>
<b>Sink / Drain</b>	<b>One (1)</b>		<b>One (1)</b>
<b>Drawer</b>	<b>None</b>		<b>None</b>
<b>Chillers</b>	<b>None</b>		<b>None</b>
<b>Standard</b>	<b>ATLAS</b>		<b>ATLAS</b>
<b>Designation</b>	<b>G-1</b>		<b>G-5</b>
<b>Manufacturer</b>	<b>TAYLOR METAL WORKS</b>		<b>TAYLOR METAL WORKS</b>
<b>Manufacturer P/N</b>	<b>M5411-A1</b>		<b>M5415-A1</b>
<b>Serial Number</b>	<b>A320003</b>		<b>A320003</b>

**Flight Attendant Seats:** Three (3) stations accommodating a total of five (5) flight attendants. Two (2) aft facing single seats are located forward of the L-1 door; one (1) aft facing dual seat is located forward of the L-2 door; and one (1) retractable forward facing single seat is located on the aisle side bulkhead of the aft right lavatory

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Three (3) Vacuum equipped with smoke detectors and fire extinguishers.  
Lavatory "A" is located forward of the L-1 door;

**Lavatories:** lavatory "D" is located forward of the L-2 door; and lavatory "E" is located forward of the R-2 door.

**Escape Slides:** Installed at the L-1, L-2, R-1, & R-2 doors and overwing exits

**Life Vests:** Under seats

**ELT:** Survival unit is located in the Over head bin of 1DEF and 30ABC

Four (4) Type I doors – fwd LH main entry (L-1) door; fwd RH  
**Number/Location of Exit Doors:** service (R-1) door; aft LH entry (L-2) door; aft RH service (R-2) door

Four (4) Type III doors – two (2) located on each side of the main  
**Overwing Emergency Exits:** cabin

**Airstairs Installed:** NO

Two (2) – one forward and one aft-ward door to access the  
**Lower Cargo Compt. Doors:** compartment.