

Aircraft Specification



A330-300

1. Aircraft

Manufacturer	Airbus
Model	A330-300
DOM	2014
Current Operator	
MSN	
Registration No	
Aircraft Class	Passenger
Cabin Configuration	377 (12 BC and 365 EY Class)

2. Powerplants

Manufacturer	Rolls-Royce
Current Config.	Trent 772B-60/16
Thrust Rating	71100 lbs

3. Auxiliary Power Unit (APU)

Manufacturer	Honeywell
Model	GTCP 331-350[C]
SN	

4. Weight

Aircraft Weight	Current Operating		Max.Designed		Purchased/Leased	
Units	(kg)	(lb)	(kg)	(lb)	(kg)	(lb)
Maximum Take Off Weight	235,000	518,086	235,000	518,086	235,000	518,086
Maximum Landing Weight	187,000	412,264	187,000	412,264	187,000	412,264
Maximum Zero Fuel Weight	173,000	381,400	173,000	381,400	173,000	381,400
Maximum Taxi Weight	235,900	520,070	235,900	520,070	235,900	520,070
Manufacturers Empty Weight					109,986	242,478
Operational Empty Weight					123,140	271,477
Weight Variant	WV54					

5. Fuel Capacity

Each outer wing	3 650 liters	(964 US gal)
Each inner wing	42 000 liters	(11 095 US gal)
Horizontal stabilizer	6 230 liters	(1 646 US gal)
Total fuel	97 530 liters	(25 765 US gal)

6. Landing Gear

Landing Gear	Nose	Left Main	Right Main
Manufacturer	Messier Dowty	Messier Dowty	Messier Dowty
Model/Part No.	D23581100-20	10-210501-004	10-210601-004
Serial No.	14B28675	14MDG8325	14MDG8326
Wheels and Brakes	1050 mm x 395 mm x R16	1400 mm x 530 mm x R23	
Brake Cooling Fans	Yes		
Brake material	Carbon		

7. Interior Configuration

Passenger Seats	
Capacity	12 BC / 365 EY
Seat Layout	BC: 2 by 2 by 2rows EY: 3 by 3 by 3 seats as per LOPA
Pitch (inches)	BC: 59", EY:31"/33"
Seat Vendor	BC: BE MINIPOD XM EY: BE SPECTRUM
Seat Model	BC: 1011555-XXX EY: 1011828-XXX
Seat Certification	EASA
Fire Blocking Certification	25.853 (c)
Type of Seat	Leather
Cabin Attendant Seats	
Seat Vendor	AMI INDUSTRIES GOODRI
Model	Airbus Standard
Quantity	11 Collapsible
Type of Seat	Leather
Colour	Red/Grey
Flight Deck Seats	
Seat Vendor	EADS SOGERMA (SICMA for 3rd observer)
Type	Fabric
Colour	Dark Blue with stripes
Method of actuation	Electrical
Galley	6ea G1/G2/G3/G4/G5/G6
Lavatory	8ea L11/L35/L53/L54/L61/L62/L75/L76
Closet	3ea C1/C2/C3
Doghouse	2ea D8/D10
Carpets	Dark Red
Sidewall panels	grey
Bulkhead liners	grey
Overhead bins	grey

8. IFE Equipment

Aircraft installed with Wifi for Tablet

In-Seat Power unit installed on BC seats and first row of EY seats.

9. Door Specification

	Location	Type
Servicing Doors	R1 R2 R4	Type A
Passenger Doors	L1 L2 L4	Type A
Emergency Doors	L3 R3	Type A
Airstairs	N/A	

10. Cargo Bay Specification

Mass and Volume	Vol. [Cu. m. / Ft.]	Loading Limit [kg / lbs]
Fwd compartment	2 844 ft3 (80,53 m3)	50 400 lb (22 861 kg).
Aft compartment	2 212 ft3 (62,6 m3)	40 800 lb (18 507 kg).
Aft bulk compartment	695 ft3 (19,68 m3)	7 645 lb (3 468 kg)
Smoke and Fire	Smoke Detection	Fire Extinguisher
Fwd compartment	Yes	Yes
Aft compartment	Yes	Yes
Aft bulk compartment	Yes	Yes
Loading Specifics		
Type of loading system installed Fwd compartment [Full, No, Semi]		Semi-Automatic
Type of loading system installed Aft compartment [Full, No, Semi]		Semi-Automatic
Type of loading system installed Aft bulk compartment [Full, No, Semi]		No
Type of loading system installed Main deck [Full, No, Semi]		N/A
Type of cargo floor [Aluminium / Fabric]		Aluminum Honeycomb
Cargo nets installed [Yes / No]		Only on Bulk Comp.

11. Engineering Operational Specifications

A/C Autoland Certification	Cat III
Instrumentation Standard	EFIS
Model of FMS Installed	THALES AVIONICS
SATCOM Installed	YES
ACARS Installed	YES
Selcal on HF/VHF	VHF and HF both
A/C ETOPS Certification Not ETOPS Operation	180 MINS CAPABILITY
Noise Certification Standard US FAR Part 36	Certify to chapter 4 noise requirements
Passenger Oxygen System	Chemical
Cargo Heat System Installed	NORD MICRO AG
Passenger toilet system	Vacuum

12. Avionics Listing

Avionics components	Vendor	Part Number	Qty
FLIGHT MANAGEMENT COMPUTER (FMC)/(FMGC)	SIMMONDS PRECISION PR	B494AAM0617	2
MULTIPURPOSE CONTROL & DISPLAY UNIT	THALES AVIONICS SA	C19266EA01	3
VHF COMMUNICATION (TRANSEIVER/DATA RADIO/DATA LINK)	ROCKWELL COLLINS INC	822-0990-003	3
VHF ANTENNA	RAYAN	2438-89-00	3
HF TRANSCEIVER	ROCKWELL COLLINS INC	822-0987-003	2
HF ANTENNA COUPLER	ROCKWELL COLLINS INC	822-0987-003	2
RADIO MANAGEMENT PANEL	THALES AVIONICS SA	C12848CB01	3
ACARS OR ATSU	AIRBUS FRANCE	LA2T0G20705C070	1
SELCAL	TEAM	BC2065C	1
EMERGENCY LOCATOR TRANSMITTER	KANNAD	S1823502-03	2
EMERGENCY LOCATOR TRANSMITTER	KANNAD	S1821502-02	1
COCKPIT VOICE RECORDER	HONEYWELL INTL INC DB	980-6032-020	1
SDU-SATCOM	ROCKWELL COLLINS INC	822-1785-401	1
HSDU SATCOM	ROCKWELL COLLINS INC	822-2232-040	2
FDIMU	TELEDYNE	2234340-02-02	1
STANDBY COMPASS	GE AVIATION SYSTEMS L	KCA0105W	1
MMR RECEIVER	ROCKWELL COLLINS INC	822-1821-430	2
FMGEC	THALES AVIONICS SA	C13200HA02	2
FCU	THALES AVIONICS SA	C12849AB04	1
FWC	AIRBUS FRANCE	LA2E20202T40000	2
(D)FDR	HONEYWELL INTL INC DB	980-4700-042	1
VOR RECEIVER	ROCKWELL COLLINS INC	822-0297-020	2
DME	ROCKWELL COLLINS INC	822-2325-020	2
ADF RECEIVER	ROCKWELL COLLINS INC	822-0299-020	2
ADIRU	HONEYWELL INC COMMERC	HG2030BE04	3
RADIO ALTIMETER	THALES OPTRONIQUE	9599-607-19504	2
WEATHER RADAR TRANSCEI	ROCKWELL COLLINS INC	822-1710-214	2
TCAS	THALES AVIONICS SA	C12404AB02	1
ATC TRANSPONDER	ACSS-AN L3 COMMUNICAT	7517800-10100	2
GROUND PROXIMITY WARNING	HONEYWELL INTL INC DB	965-1676-003	1

13. Scheduled Maintenance Tasks intervals

1A – Check and multiples 800 FH
2A – Check 1600 FH
4A – Check 3200 FH
8A – Check 6400 FH
1B–Check 18 months or 10000 FH
1C–Check 24 months or 12000 FH
2B–Check 36 months or 20000 FH
OOP-42MT (Out-of-phase 42 months) 42 months
2C–Check 48 months or 24000 FH
4C – Check 6 years or 72 months
8C – Check 12 years or 144 months

14. Maintenance Status

Maintenance Check	Date
1C	10 May 2016
2C	08 Sept 2017
3C	02 Mar 2019
4C + 6Y	11 Sept 2021
5C	12 Apr 2023
6C	Jun 2025(est)

15. Airframe Utilization

As of 30 Nov 2024	
Flight Hours Since New	38281
Cycles Since New	6705
Ratio	5.71

16. Engine Utilization

As of 30 Nov 2024		
Position	Engine #1	Engine #2
Current Location	On Wing	wait for installation
Date of Installation	05 Nov 2024	25 SEP 2014
Removal date	N/A	15 Jan 2024
Programme	On-condition	On-condition
Flight Hours Since New	34975	34581
Cycles Since New	6061	5984
Flight Hours Since Last Overhaul	346	0
Cycle Since Last overhaul	57	0
Flight Hours Since Last Shop Visit	346	0
CyclesSince Last Shop Visit	57	0
First LLP Limiter	HPC - STAGE 1-6 SPOOL	HPC - STAGE 1-6 SPOOL
Cycles Remaining	5943	6000

17. Auxiliary Power Unit Utilization

As of 30 Nov 2024	
Current Location	On Aircraft
Date of Installation	20 Sep 2024
Removal date	N/A
Programme	On-condition
APU Hours Since New	12718
APU Cycles Since New	8653
APU Hours Since Last Overhaul	190
APU Cycles Since Last Overhaul	158
APU Hours Since Last Shop Visit	190
APU Cycles Since Last Shop Visit	158

18. Landing Gear Utilization

As of 30 Nov 2024			
Position	Nose	Left Main	Right Main
Current Location	Nose	Left Main	Right Main
Date of Installation	04 Oct 2024	04 Oct 2024	04 Oct 2024
Removal date	N/A	N/A	N/A
Overhaul Interval	120 Month or 20000CY		
Flight Hours Since New	35659	35659	35659
Cycles Since New	6217	6217	6217
Flight Hours Since Last Overhaul	805	805	805
Cycle Since Last overhaul	163	163	163