

2012 Airbus A330-200

Description

Aircraft type	Airbus A330-202	Manufacture date	24 April 2012
Aircraft msn	Total time		38,718 Hours
Engine model	GE CF6-80E1A4B	Total Cycles	4,454
Registration mark			
APU model	Honeywell GTCP331-350C	Date of Last flight	21 July 2021

Weights

	Owned	Operated
Max take-off	507 063 lb / 230 000 kg	507 063 lb / 230 000 kg. Option for 233 available with SB upgrade
Max taxi	509 047 lb / 230 900 kg	509 047 lb / 230 900 kg
Max zero fuel	370 376 lb / 168 000 kg	370 376 lb / 168 000 kg
Max landing	396 831 lb / 180 000 kg	396 831 lb / 180 000 kg
Operational empty	265,974lbs / 120,644kg	Latest weigh report 9-Feb-2016
Manufacturer's empty	238,622lbs / 108,237kg	
Weight variant	WV50	

Certification basis

	description	comments
Aircraft type certification number	EASA.A.004	EASA
Engine type certification number	E41NE	FAA
FAA FAR 121 or 129 compliant (129 is for N reg foreign ops compliant)	No	
EASA / CS 25 / EU OPS compliant	Yes	
Noise category	Chapter IV	

Interior configuration

	number	description / comments
Aircraft configuration	3 class	Business Class & Premium Economy / Economy Class Seating
Total passenger seats	256	
Passenger seats first class	0	
Passenger seats business class	20	Sogerma
Passenger seats prem. economy class	17	Recaro
Passenger seats economy class	219	Recaro
In-flight entertainment system	Yes	Panasonic EX2
In Flight Connectivity (WiFi)	Yes	
In seat power	Yes	In business class
Cockpit seats	4	3 x EADS Sogerma; 1 x Sicma Aero (4th Occupant)
Galleys	7	G1F, G1A, G2F, G2A, G4F, G4L, G4R. Bucher Heinrich Leich. Steam ovens, coffee makers, espresso makers.
Galley standard	Atlas	
Lavatories	6	Dasell cabin interior. Positions: A L11, H L36, HH L53, K L54, O L61, P L62
Crew rest	Yes	Curtain around seats: 2 x row 5 and 6 x row 40-42
Cabin signage	English	
Cargo compartments	3	Fwd & Aft Automatic Loading and Read Bulk Hold

Regulatory compliance

Compliance	yes / no	description / comments
RVSM	Yes	
Fixed auto ELT	Yes	Sextant P/N S1821502-02 installed
Cockpit voice recorder	Yes	SSCVR PN 980-6022-001
Predictive windshear	Yes	Mod 44100 embodied during production
HIC compliance	No	
Reinforced cockpit door	Yes	Mod 50014 embodied during production
Approach category	CAT III B	
Cargo bays category Class C	Yes	
Aircraft flight manual	EASA	
Flight data recorder	Yes	SSFDR PN 980-4700-042
EGPWS	Yes	Mod 56653 embodied during production
TCAS 7.1	Yes	Mod 57609 embodied during production
Automated Dependant Surveillance - Broadcast out	Yes	
Enhanced Mode S (ATC Mode S)	Yes	Mod 50288 embodied during production
Cockpit video surveillance system	Yes	Mod 56579 embodied during production
Flight management computer	Dual	
HF installation	Dual	
ACARS	No	
SATCOM	Yes	Mod 54035 embodied during production.
Digital VHF	No	
RNP AR	Yes	RNP 1 (RNP APCH, RNP APCH), RNP 4 (Oceanic), R-NAV (RNP 10 Oceanic Remote), RNAV 5, RNAV 2, RNAV 1, P-RNAV.
HUD (single/dual)	No	

Future regulatory compliance

Compliance	yes / no	description / comments
Global Tracking	Yes	GNSS DME/DME, IRS-GNSS
CVR	Yes	120 minute recording
ADS-B out	Yes	
ADS-B in	No	
ADS-C	No	
FANS A (FANS 1)	Yes	FANS A: Mods 48175, 48227 embodied. FANS A+: Mods 50076, 52426 embodied
FANS B (ATN)	No	Future mandate to be covered by FANS C
ROPS (runway overrun prev. system)	No	
SBAS	No	
FRS (flammability reduction system) / NGS (nitrogen generating system)	Yes	
AASR (aging a/c safety requirements FAA Part 121 aircraft only)	No	

Operational data

	description	comments
Units of measurement	Metric Kg Deg C	fuel flow; temperature
ETOPS	Yes	180 minutes
Engine thrust rating (owned)	68,530 lbs	From May 2017 inspection
Engine thrust rating (current)	68,530 lbs	Take-off thrust

Registration history

Date of registration	registration	governing country
24 April 2021 - 29 May 2012	EUR	EUR
29 May 2012 - present	EUR	EUR

Airframe maintenance status

Hours and cycles

Hours	38,717	
Cycles	4,452	
Hour / cycle ratio	8.7:1	
Annual utilisation	680 Hrs 97 CyCs	22 Jul 20– 22 Jul 21

Maintenance status [follow MPD for specified C / D check interval]

Check	Interval	Last FH and FC	Last done date	Next FH	Next due date	Remaining
24 MT	24 MT / 12000 FH	38190/4383	30 November 2020	50190	30 November 2020	11,473 FH
48 MT	48 MT / 24000 FH	32209/3666	21 January 2019	56209	21 January 2023	17,492 FH
6 YRS	6 Y / 72 MT	26621/3071	27 November 2017		26 November 2023	857 days
12 YRS	12 Y / 144 MT	Not carried out yet	Not yet carried out		26 May 2024	1039 days

Landing gear

Overhaul status (original to airframe)

Gear	Part number	Serial number	Current total hours and cycles	Time / cycles since overhaul
Nose Gear	D23581100-20	12B10152	38,717 FH / 4,452 FC	N/A
LH Main Gear	10-210501-003	12MDG2296	38,717 FH / 4,452 FC	N/A
RH Main Gear	10-210601-003	12MDG2297	38,717 FH / 4,452 FC	N/A

Removal/installation/overhaul history

Gear	Overhaul limit	Last over haul date and cycles	Next over haul date and cycles remaining
Nose Gear	20,000 FC / 120 MTS	First run	15,548 FC / 23 Apr 2022
LH Main Gear	20,000 FC / 144 MTS	First run	15,548 FC / 23 Apr 2024
RH Main Gear	20,000 FC / 144 MTS	First run	15,548 FC / 23 Apr 2024

Engines and APU

Maintenance status

Engine msn	Total time hours / cycles	Since PR hours / cycles	Limiting LLP	LLP remaining cycles
(1) 811604	35,999 / 4,156	35,999 / 4,6	Various	10844
(2) 811605	35,828 / 4,122	8716 / 997	Various	10878

APU msn	Total hours / cycles	Hours / cycles since restoration	Status as of
P-1401	37,766:56 / 4,355	First run	26 Jul 2021

APU LLP status

Module	Part	Part no.	Serial no.	Cycles limit	Cycles used	Cycles rem.

Shop visit history

Engine 04

Repair / restoration	provider / location	hours / cycles	date from / to
Repair	EGAT / Taiwan	21419 / 2506	28 Nov 16 / 29 Mar 17

Engine 05

Repair / restoration	provider / location	hours / cycles	date from / to
Restoration	EGAT / Taiwan	27112 / 3125	27 Feb 18 / 7 Jul 18

APU

Repair / restoration	provider / location	hours / cycles	date from / to
First Run			

Engine 04 engine LLP status

Part	part no.	serial no.	cycles limit	cycles used	cycles rem.
LPT Rotor Stg 1 Disk	1639M11P03	FIA0FM84	20,000	4,156	15,884
LPT Rotor Stg 2 Disk	1639M12P03	FIA0FM86	20,000	4,156	15,884
LPT Rotor Stg 3 Disk	1639M13P03	FIA0FVAF	20,000	4,156	15,884
LPT Rotor Stg 4 Disk	1639M14P02	FIA0FR1C	20,000	4,156	15,884
LPT Rotor Stg 5 Disk	1639M15P03	FIA0F4LW	20,000	4,156	15,884
LPT Rotor Shaft	1639M20P08	DD009121	20,000	4,156	15,884
HPC Stg 1 Disk	1644M21P04	PA613329	20,000	4,156	15,884
CDP Rotating Seal	1669M73P02	NCE955JB	20,000	4,156	15,884
Fan Rotor Stg 1 Disk	1669M75P08	TMT2ET43	20,000	4,156	15,884
HPC Stg 10-14 Spool	1703M49G04	GWN0NWM0	20,000	4,156	15,884
LPT Mid Shaft	1778M39P08	RPM5F5GM	15,000	4,156	10,844
HPTR Rotor Interstage Seal	1778M69P06	MUN7H107	15,000	1,650	13,350
HPT Rotor Fwd Outer Seal	1778M70P03	NCU53427	15,000	1,650	13,350
HPT Rotor Stg 2 Disk	1778M72P05	TMT7Y005	15,000	4,156	10,844
Fan Rotor Stg 2-5 Spool	1782M10G02	VOLJ5834	20,000	4,156	15,884
LP Shaft Assy	1855M52G01	TMTMA492	20,000	4,156	15,884
HPC Stg 3-9 Spool	1856M15G02	VOLJ4879	17,400	4,156	13,244
HPT Rotor Stg 1 Disk	1863M36G06	GWN0P283	15,000	4,156	10,844
HPC Stg 2 Disk	9380M27P08	PA732101	20,000	4,156	15,884

Engine 05 engine LLP status

Part	part no.	serial no.	cycles limit	cycles used	cycles rem.
LPT Rotor Stg 1 Disk	1639M11P03	FIA0FM83	20,000	4,122	15,878
LPT Rotor Stg 2 Disk	1639M12P03	FIA0FM85	20,000	4,122	15,878
LPT Rotor Stg 3 Disk	1639M13P03	FIA0FVAG	20,000	4,122	15,878
LPT Rotor Stg 4 Disk	1639M14P02	FIA0FR1A	20,000	4,122	15,878
LPT Rotor Stg 5 Disk	1639M15P03	FIA0F4ML	20,000	4,122	15,878
LPT Rotor Shaft	1639M20P08	DD009131	20,000	4,122	15,878
HPC Stg 1 Disk	1644M21P04	FGDA1460	20,000	4,122	15,878
CDP Rotating Seal	1669M73P02	NCE949JB	20,000	4,122	15,878
Fan Rotor Stg 1 Disk	1669M75P08	TMT2ET40	20,000	4,122	15,878
HPC Stg 10-14 Spool	1703M49G04	GWN0P5L8	20,000	4,122	15,878
LPT Mid Shaft	1778M39P08	RPM5F63K	15,000	4,122	10,878
HPTR Rotor Interstage Seal	2489M05P01	MUNLT957	15,000	4,122	10,878
HPT Rotor Fwd Outer Seal	1778M70P03	NCE029HU	15,000	4,122	10,878
HPT Rotor Stg 2 Disk	1778M72P05	MUNBF670	15,000	4,122	10,878
Fan Rotor Stg 2-5 Spool	1782M10G02	VOLJ5930	20,000	4,122	15,878
LP Shaft Assy	1855M52G01	TMTMA474	20,000	4,122	15,878
HPC Stg 3-9 Spool	1856M15G02	VOLJ5859	17,400	4,122	13,278
HPT Rotor Stg 1 Disk	1863M36G06	GWN0NN3M	15,000	4,122	10,878
HPC Stg 2 Disk	9380M27P08	PA724224	20,000	4,122	15,878

[A330] Avionics / fitted units

ATA	Description	Qty	Manufacturer	Part number
22	Flight control unit	1	Thales	C12849AB04
22	Flight management guidance computer	2	Thales	C13164GA01
22	MCDU	3	Thales-Smith	C19266EA01
23	HF transceiver	2	Rockwell-Collins	822-0990-003
23	Radio management panel	3	Thales	C12848CB01
23	VHF transceiver	3	Rockwell-Collins	822-1287-120
23	ATSU	1	Airbus	LA2T0G20705C070
23	Satcom transceiver	1	Honeywell	7516118-47151
23	Selcal decoder	1	Team	BC2065C
23	Audio control panel	3	Team	ACP2788AE01
23	Audio management unit	1	Team	AMU4031LA130103
23	Cockpit voice recorder	1	Honeywell	980-6022-001
31	Digital flight data recorder	1	Honeywell	980-4700-042
31	Flight data Interface unit	1	Teledyne	2234340-02-02
31	QAR (e-QAR) / optical disc rec.	1	Teledyne	2243800-73
31	Flight warning computer	2	Airbus	LA2E20202T70000
31	System data acquisition concentrator	2	Airbus	LA2E50700C90000
31	Display management computer	3	Thales	1982660116
31	Display unit	6	Thales	C19298AF05
31	ECAM control unit	1	Airbus	LA2E90707HM0100
34	Air data inertial reference unit	3	Honeywell	HG2030BE03
34	Weather radar transceiver	2	Rockwell-Collins	822-1710-214
34	Radio altimeter transceiver	2	Thales	9599-607-19504
34	TCAS computer	1	ACSS	9005000-10204
34	ADF receiver	2	Rockwell-Collins	822-0299-020
34	ATC transponder	2	ACSS	7517800-12402
34	DME interrogator	2	Rockwell-Collins	822-0329-020
34	Multi mode receiver	2	Rockwell-Collins	822-1821-430
34	VOR receiver	2	Rockwell-Collins	822-0297-020