

**Airbus A330-302**  
**MSN 10XX**

**Aircraft Technical Specification**

**26<sup>th</sup> June 2025**

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# Aircraft Technical Summary

## General Aircraft Description

Description	Details
Manufacturer / Model	Airbus A330-302
Serial Number	
Engine Model	CF6-80E1A4/B
Airframe Registration	
Line Number	N/A
Variable Number	N/A
Date of Manufacture	24-Apr-2009
Type Certificate Number	EASA
Max Operating Altitude	41,450 feet
ETOPS Capable	Yes
Current ETOPS approval	ETOPS 180
Winglets	Yes
Noise Compliance	Stage IV
Max Certified Passenger Accommodation	440Y
Current Passenger Accommodation	45J 218Y
Registered Owner	
Registered Country	
Current Operator	

## Major Assembly Hours and Cycles

	As Of Date	Hours (TSN)	Cycles (CSN)
Airframe	10-Jun-2025	67,681	8,055
Engine S/N - 811xx0	10-Jun-2025	67,178	7,946
Engine S/N - 81xx11	10-Jun-2025	62,182	7,249

Landing Gears	As Of Date	Hours (TSO)	Cycles (CSO)
Nose Landing Gear S/N - B8x2	10-Jun-2025	14,377	1,989
LH Main Landing Gear S/N - MDLX14	10-Jun-2025	14,377	1,989
RH Main Landing Gear S/N - MDLx14	10-Jun-2025	14,377	1,989

## Current Certified Operating Design Weights

Weights	Pounds	Kilograms
Max Taxi Weight	515,661	233,900
Max Take-off Weight	513,676	233,000
Max Landing Weight	412,264	187,000
Max Zero Fuel Weight	385,809	175,000

## ATA Chapter 5 - Maintenance Schedules and Status in accordance with Airbus MPD

C Check			
7,500 FH / 5,000 FC / 24 Months	Date	Total Time	Total Cycles
Last Accomplished	17-Jul-2024	63,856	7,516
Time Since	11 months	3,825	539
Next Due	17-Jul-2026	71,356	12,516
C Check			
42 Months	Date	Total Time	Total Cycles
Last Accomplished	17-Jul-2024	63,856	7,516
Time Since	11 months	3,825	539
Next Due	9-May-2026	-	-
6 Year Check			
72 months	Date	Total Time	Total Cycles
Last Accomplished	9-Nov-2022	59,558	6,886
Time Since	31 months	8,123	1,169
Next Due	9-Nov-2028	-	-
12 Year Check			
144 months	Date	Total Time	Total Cycles
Last Accomplished	17-Jul-2024	63,856	7,516
Time Since	11 months	3,825	539
Next Due	17-Jul-2036	-	-

## ATA Chapter 22 - Automatic Flight Controls

Description	Part Number	QTY
Flight Control Unit	C12849AB03	1
FMGC - Flight Management Guidance Computer	C13200GA01	2
MCDU - Multipurpose Control Display Unit	4089740-961	3

## ATA Chapter 22 - Automatic Flight Controls

Description	Part Number	QTY
Cabin Assignment Module	Z053H6094040	1
Control Unit - CVR	RCB3546AC01	1
Controller - CDSS	100-2500-03	1
Coupler, HF Antenna	822-0987-003	2
Director - CIDS	Z013H000151A	2

High Power Amplifier	7520000-20140	1
Radio Management Panel - RMP	C12848CA01	3
Satellite Data Unit	7516118-27151	1
Transceiver HF	822-0330-020	2
VHF Transceiver	822-1250-020	3
Voice Recorder 120 MIN	980-6022-001	1

### ATA Chapter 25 - Equipment and Furnishings

Description	Class	Manufacturer	Part Number
Passenger Seat	Business	Contour	S34113-001-XXX
Passenger Seat	Economy	Recaro	3510B386-XX-XX
Description	Quantity	Manufacturer	
Galley	6	Sell	
Lavatory	9	Sell Gmbh	
First Observer Seat	1	-	
Fourth Occupant Seat	1	-	

### ATA Chapter 27 - Flight Controls

Description	Part Number	QTY
Actuator - THSA	47172-510	1
Flight Control Primary Computer	LA2K2B100DF0000	3

### ATA Chapter 28 - Fuel

Fuel Tanks	Fuel Capacity Pounds	Fuel Capacity Kilograms	Fuel Capacity US Gallons	Fuel Capacity Liters
2 Inner Tanks (Maximum Usable)	148,154	67,200	22,192	84,000
2 Outer Tanks (Maximum Usable)	12,871	5,840	1,928	7,300
1 Trim Tank (Maximum Usable)	10,989	4,984	1,646	6,230
Total	172,014	78,024	25,766	97,530

## ATA Chapter 31 - Indicating and Recording System

Description	Qty	Part Number
Display Manag. Computer	3	1982660116
Display Unit, Video	1	C19366AF05
FWC	2	LA2E20202T30000
Multi Disk Drive Unit - MDDU	1	AC68A200
Solid State Flight Data Recorder - SSFDR	1	980-4700-042
SDAC	2	LA2E50700C80000

## ATA Chapter 32 - Landing Gear

Nose Gear	P/N: D23581100-20		S/N: B872
	As Of Date	Cycles	CSO
Last Overhaul Date	27-Oct-2018	6,185	1989
Overhaul Interval	17,000 FC / 120 Months	To go	15,011 FC
Overhaul Due Date	27-Oct-2028	To go	80 Months

Left Main Gear	P/N: 10-210101-003		S/N: MDL914
	As Of Date	Cycles	CSO
Last Overhaul Date	31-Oct-2018	6,185	1989
Overhaul Interval	17,000 FC / 120 Months	To go	15,011 FC
Overhaul Due Date	31-Oct-2028	To go	80 Months

Right Main Gear	P/N: 10-210201-003		S/N: MDL914
	As Of Date	Cycles	CSO
Last Overhaul Date	31-Oct-2018	6,185	1989
Overhaul Interval	17,000 FC / 120 Months	To go	15,011 FC
Overhaul Due Date	31-Oct-2028	To go	80 Months

## ATA Chapter 34 - Navigation

Description	Qty	Part Number
Air Data/Inertial Reference Unit - ADIRU	3	HG2030AE23
Antenna - Radio Altimeter	4	622-8701-003
Computer - Enhanced Ground Proximity	1	965-1676-003
DME Interrogator DME-900	2	822-0329-020
ISIS	1	C16221VA01
Multi-Mode Receiver - MMR	2	822-1152-131
Receiver- VOR/MKR	2	822-0297-020

Standby Compass	1	KCA0105W
TCAS II Computer	1	940-0300-001
Transceiver Weather Radar	2	066-50008-0409
Transceiver - Radio Altimeter	2	822-0334-020
Transponder, ATC, TRA-67A	2	066-01127-1402

### ATA Chapter 46 - Information Systems

Description	Qty	Part Number
Air Traffic Services Unit (ATSU)	1	LA2T0G20503B050

### ATA Chapter 49 - Auxiliary Power Unit (APU)

Description	Type	Part Number	Serial Number
Auxiliary Power Unit (APU)	Honeywell	3800454-6	P-1117
APU Status	As of Date	Hours	Cycles
Manufactured Date	25-Sep-2013		
Total Time Since New (TSN)	10-Jun-2025	69,692	8,194
Last Shop Visit	11-Jul-2023	8,280	1,006
Time Since Overhaul	n/a	n/a	n/a

## ATA Chapter 71 - Engines

### No.1 Engine

Engine Model: CF6-80E1A4/B	ESN: 8xx510		
Description	As of Date	Hours	Cycles
Engine Total Time (TSN)	10-Jun-2025	67,178	7,946
Last Shop Visit	20-Nov-2019	53,533	6,065
Time Since Last Shop Visit	67 months	13,645	1,881
Cycles to Limiter	7,050		
Take-Off Thrust	68,530 lb		
Currently Operated Take-Off Thrust	68,530 lb		
Engine Disk Sheet - As of 12-Jun-2025			
Description	Life Limit	Life Remaining	
LPC - Stage 1 Disk	20,000	12,050	
LPC - Stage 2-5 Spool	20,000	12,050	
LPC - Fan Forward Shaft	20,000	12,050	
HPC - CDP Seal	20,000	12,050	
HPC - Stage 1 Disk	20,000	12,050	
HPC - Stage 2 Disk	20,000	12,050	
HPC - Stage 3-9 Spool	17,400	9,450	
HPC - Stage 10-14 Spool	20,000	12,050	
HPT - Stage 1 Disk	15,000	7,050	
HPT - Stage 2 Disk	15,000	7,050	
HPT - Forward Outer Seal	15,000	7,050	
HPT - Rotating Interstage Seal	15,000	13,115	
LPT - Rear Shaft	20,000	7,050	
LPT - Stage 1 Disk	20,000	12,050	
LPT - Stage 2 Disk	20,000	12,050	
LPT - Stage 3 Disk	20,000	12,050	
LPT - Stage 4 Disk	20,000	12,050	
LPT - Stage 5 Disk	20,000	12,050	
LPT - Torque Cone	20,000	12,050	



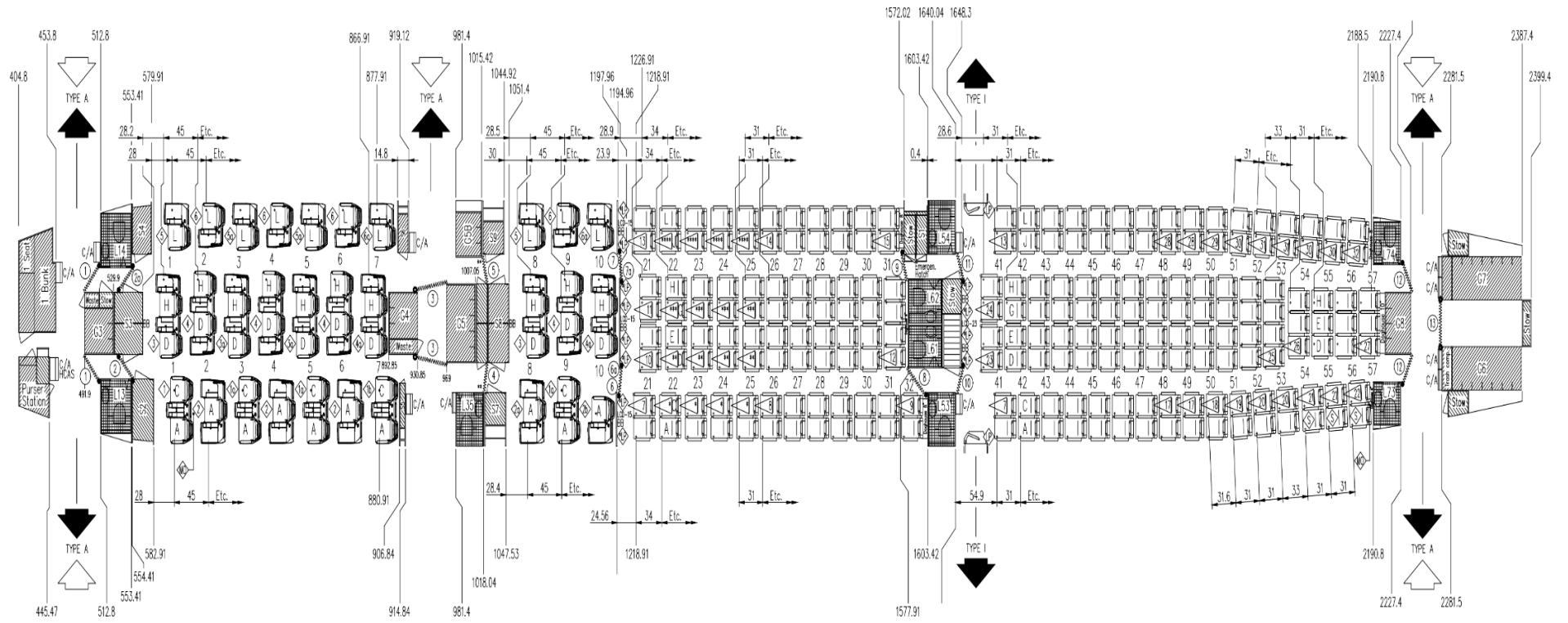
## No.2 Engine

Engine Model: CF6-80E1A4/B		ESN: 8xx511	
Description	As of Date	Hours	Cycles
Engine Total Time (TSN)	10-Jun-2025	62,182	7,249
Last Shop Visit	15-Oct-2023	55,214	6,427
Time Since Last Shop Visit	20 months	6,968	822
Cycles to Limiter	7,749		
Take-Off Thrust	68,530 lb		
Currently Operated Take-Off Thrust	68,530 lb		
Engine Disk Sheet - As of 12-Jun-2025			
Description	Life Limit	Life Remaining	
LPC - Stage 1 Disk	20,000	12,749	
LPC - Stage 2-5 Spool	20,000	12,749	
LPC - Fan Forward Shaft	20,000	19,176	
HPC - CDP Seal	20,000	12,749	
HPC - Stage 1 Disk	20,000	12,749	
HPC - Stage 2 Disk	20,000	12,749	
HPC - Stage 3-9 Spool	17,400	10,149	
HPC - Stage 10-14 Spool	20,000	12,749	
HPT - Stage 1 Disk	15,000	7,749	
HPT - Stage 2 Disk	15,000	7,749	
HPT - Forward Outer Seal	15,000	7,749	
HPT - Rotating Interstage Seal	15,000	7,749	
LPT - Rear Shaft	20,000	7,749	
LPT - Stage 1 Disk	20,000	12,749	
LPT - Stage 2 Disk	20,000	12,749	
LPT - Stage 3 Disk	20,000	12,749	
LPT - Stage 4 Disk	20,000	12,749	
LPT - Stage 5 Disk	20,000	12,749	
LPT - Torque Cone	20,000	12,749	

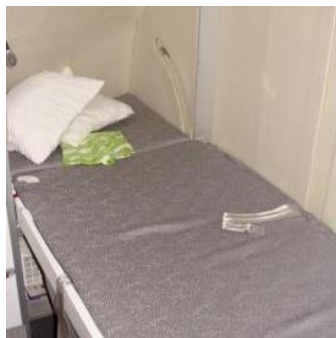
## Aircraft Equipment and Standards

Aircraft Equipment	Description
Approach Category	Cat IIIB
Noise Category Compliance	Chapter 4
ETOPS/EDTO	ETOPS 180
Acars installed	Airbus AIRMAN system installed instead
FANS/CPDLC	FANS A+
VHF system	Triple system installed
Flight Deck exterior surveillance system	OEM installed
ELT 121.5/406 MHz	Fixed Automatic & 406S
Reinforced Cockpit Door	OEM installed
TCAS/TAWS	TCAS Change 7.1
Weather Radar	Dual Transceivers installed
HF equipped	Dual HF radio installed
Cargo Loading System	Semi-automatic
SATCOM	Installed
Type Certificate Data Sheet	EASA.A.004
Cargo Compartment - Fire Compliance	Class C
Weights and Temp Units	Weights in LBS & Kgs / Temp in C
Winglets	Standard
Area Navigation (P-RNAV / B-RNAV)	RNAV1 & RNAV5
Electronic Flight Bag (EFB)	Installed ref STC 10037255

# LOPA



# Photos - Interior



## Photos - Exterior



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