

Airbus A 330-343



(symbolic picture)

Aircraft Technical Data Sheet Details for 2-class configuration

New Airbus A 330-343 | YOM 2018 / 2019

Technical Characteristics

Passengers & Performance

2-class configuration	325
Seating Configuration	
Business Class	18
Economy	307
Attendant Seats	12
Galley	6
Lavatories	7
Stowage	10
Entertainment System	Full IFE

Basic Dimensions

Wing Span	60,30 m	197 ft 10 in
Cabin length	50,35 m	165 ft 3 in
Overall length	63,69 m	208 ft 11 in
Height	16,83 m	55 ft 3 in
Fuselage width	5,64 m	18 ft 6 in
Max cabin width	5,28 m	17 ft 4 in
Track	10,69 m	35 ft 1 in
Wheelbase	25,60 m	84 ft 0 in

Basic weights

Maximum takeoff weight	235.000 kg	518.086 lbs
Maximum landing weight	187.000 kg	412.264 lbs
Maximum ramp weight	235.900 kg	520.070 lbs
Maximum zero fuel weight	173.000 kg	381.399 lbs

Engine Data

	Engine Position #1	Engine Position #2
Manufacturer	Rolls Royce Trent	Rolls Royce Trent
Type	RR Trent 772B-60	RR Trent 772B-60
Thrust	72.000 lbs (320 kN)	72.000 lbs (320 kN)
Total hours since new	0	0
Total cycles since new	0	0

S/M/MI/A/C	SCN /MSCN n°	Title
ATA 02 CERTIFICATION - EXTERNAL LIVERY		
SCN	CRK02G001N SX	Full compliance with FAR121-311 amendment 315 Head Injury Criteria (HIC)
SCN	CRK02G002N SX	Compliance with PRM requirements for layout configuration
SCN	CRK02G003N SX	Full compliance with FAR 121-310 Amendment 306 new assist space requirements
SCN	CRK02G004N SX	Passenger seat arrangement compliance with CCAR 121.213 (B)
SCN	CRK02G005N SX	Compliance status between the aircraft design and the Hong Kong CAD requirements
SCN	CRK02G006N SX	External livery
SCN	CRK02G007N SX	External livery change - Fuselage colour change to White BAC 7067 / M8001
SCN	CRK02G015N SX	Non-delivered equipment status changed from BFE to SSBFE
SCN	CRK02G016N SX	Non-delivered equipment (New SSBFE) turned from BFE into SSBFE
SCN	CRK02G018N SX	Non-delivered equipment status changed from BFE to SSBFE - Change 1
SCN	CRK02G1013002N SX	15 knots tailwind operations at take-off (RR engines)
ATA 03 MISCELLANEOUS		
SCN	CRK03G2042182N SX	Dynamic payload with MTOW 242 t / MLW 187 t and MZFW from 171 t to 175 t (WV 082)
ATA 11 PLACARDS AND MARKINGS - GENERAL		
SCN	CRK11G0012601N SX	Installation of operator plate on forward LH passenger door
SCN	CRK11G001N SX	Passenger placards (English below second language) and crew placards
SCN	CRK11G002N SX	Specific cabin placards and markings
SCN	CRK11G004N SX	Seat row letters, numbers and symbols colour change
SCN	CRK11G2010021S1N	Second language for door operation exterior placards and markings - partial application
SCN	CRK11G008N SX	Hazard area markings on the fuselage
SCN	CRK11G009N SX	RVSM markings around static ports
SCN	CRK11G010N SX	Additional External Markings at nose landing doors - "ETOPS"
SCN	CRK11G011N SX	Bilingual break in markings

SCN	CRK11G012N SX	Installation of an MSN Identification placard in cockpit
SCN	CRK11G013N SX	Ram Air Turbine caution markings
SCN	CRK11G014N SX	Replace basic Airbus owner plate by specific owner plate
SCN	CRK11G015N SX	External markings color change to red
SCN	CRK11G016N SX	Cabin placard colour change
SCN	CRK11G019N SX	Second language for residual cabin pressure door warning exterior placard (English below)
SCN	CRK11G020N SX	Exterior markings color change - HKCAD requirements
SCN	CRK11G021N SX	Colour change for exit and door opening placards
SCN	CRK11G022N SX	Passenger and crew placards checklist update (change 1)
SCN	CRK11G023N SX	SIZE INCREASE OF WHITE BACKGROUND ON EXIT DOOR MARKINGS
SCN	CRK11G3510101N SX	Weight indication in kg and lb for lower deck cargo compartments
MSCN	CRK11G1010001M1N	Introduction of new safety and bicoloured painted basic markings on A330
ATA 21 AIR CONDITIONING - GENERAL		
SCN	CRK21G2410502N SX	System provisions for individual air outlets in all lavatories
SCN	CRK21G2410505N SX	System provisions for individual air outlets for stretcher area in the Passenger Service Unit
SCN	CRK21G2410506N SX	System provisions for individual air outlets in crew rest areas
SCN	CRK21G2810509N SX	Installation of lower deck fwd cargo compartment ventilation system and temp control (A330)
MSCN	CRK21G2105006M2N	Air conditioning - Ventilation and cooling - Reversion to ventilation controller std -04AG.
MSCN	CRK21G5010001M1N	Introduce Fuel Saving Air Management Function
ATA 22 AUTO FLIGHT - GENERAL		
SCN	CRK22G7015213S1N	FMS Release 1A (Genepi/T5BH3) and MCDU alternate eqpt - THALES AVIONICS/SMITHS
SCN	CRK22G8110201N SX	QNH/QFE Baro setting
MSCN	CRK22G1010001M1N	Activation of AP/FD TCAS Mode on FMGEC
MSCN	CRK22G8110306M1N	Auto flight - Flight Control Unit (FCU) - Introduce FCU std 4
ATA 23 COMMUNICATIONS - GENERAL		
SCN	CRK23G0010312N SX	Automatic ELT (406 AF Integra) with programming dongle and remote control panel - THALES AVIONICS

SCN	CRK23G001N SX	ENTERTAINMENT SYSTEM
SCN	CRK23G002N SX	CIDS CHANGES
SCN	CRK23G003N SX	IFE customized content loading at Final Assembly Line
SCN	CRK23G004N SX	Additional AVANT data wiring - Cabin redundancy at FDB-FDB level
SCN	CRK23G005N SX	Installation of flat type center cable raceway in B/C
SCN	CRK23G007N SX	FAP page definition
SCN	CRK23G008N SX	INSTALLATION OF A 1080p/8MB HIGH DEF (HD) LANDSCAPE CAMERA -LATECOERE(BFE)-THALES INFLYT EXPERIENCE
SCN	CRK23G009N SX	Installation of swift Broadband Global Area Network (BGAN) - Honeywell (-77145)
SCN	CRK23G010N SX	Installation of headset for fourth occupant - SENNHEISER type HD 46-K1, PN 046-69-999-0931
SCN	CRK23G011N SX	Boomsets alternate equipment - SENNHEISER type HME46-C, PN 046-55-999-0231
SCN	CRK23G012N SX	Installation of 1 PC-Card in FAP for ACM/HESU connectivity purposes
SCN	CRK23G3067004S1N	Installation of new Thales IFEC rack
SCN	CRK23G3067101S1N	Installation of provisions for a Thales wireless cabin distribution system (with Thales IFE System)
SCN	CRK23G1116201N SX	Installation of dual High Frequency Data Radio (HFDR) system - ROCKWELL COLLINS 900D series
SCN	CRK23G1214001N SX	Installation of Multiple VHF Data Radio (MVDR)
SCN	CRK23G2812102N SX	SATCOM antenna subsystem full SBB capability (antenna and D/LNA)
SCN	CRK23G2816902N SX	Provision of high speed data SATCOM - HONEYWELL HS720
SCN	CRK23G7011024N SX	Installation of Cockpit Door Surveillance System (CDSS) connected to the ECAM SD
SCN	CRK23G7117522N SX	CVR (90 days ULB), HONEYWELL, P/N 980-6032-023
MSCN	CRK23G7100104M1N	Introduce new Cockpit Area Microphone DM58 and CVR Control Unit for ED112 mandate compliance
MSCN	CRK23G7300859M1N	Communications - Cabin Intercommunication Data System (CIDS) - Introduce 59B software standard.

ATA 24 ELECTRICAL POWER - GENERAL		
SCN	CRK24G001N SX	Additional 15 kVA galley power supply in door n° 4 area
SCN	CRK24G4010701N SX	Battery discharge warning system
MSCN	CRK24G2100106M1N	Electrical power - AC generation - Introduce IDG standard P/N 752168C for GE & RR
MSCN	CRK24G2200107M1N	Electrical power - AC main generation - Introduce software standard 5.3 of GCU for A330
MSCN	CRK24G2200108M1N	Electrical power - AC main generation - Introduce software standard 5.4 of GCU for A330
MSCN	CRK24G2900103M1N	Electrical Power - Electrical Contactor Management System (ECMS) - Install ECMU Std P/N 740GA01Y04
MSCN	CRK24G3000102M1N	Electrical Power - DC Main Generation - Introduce improved Transformer Rectifier Unit
MSCN	CRK24G3810602M1N	Introduce standard of Battery Charge Limiter P/N LA2L51720HM0100
ATA 25 EQUIPMENT/FURNISHINGS - GENERAL		
SCN	CRK25G001N SX	CABIN LAYOUT DEFINITION
SCN	CRK25G002N SX	CABIN EMERGENCY EQUIPMENT
SCN	CRK25G003N SX	GALLEY COOLING
SCN	CRK25G004N SX	In-Seat Power Supply System Changes
SCN	CRK25G005N SX	Interior color scheme definition
SCN	CRK25G006N SX	Installation of LH stowage with VCI full height aft of door 1 (BFE)
SCN	CRK25G007N SX	Installation of RH stowage - full height aft of door 1
SCN	CRK25G008N SX	Installation of center transversal galley in door 2 area - full height, 67.5 in, 5 trolleys (32.121)
SCN	CRK25G009N SX	Instal. of LH long. galley aft of door 4 - full height, 8 trolleys, Far 121-306 compliant (33.610)
SCN	CRK25G010N SX	Instal. of RH long. galley aft of door 4 - full height, 8 trolleys, Far 121-306 compliant (33.510)
SCN	CRK25G011N SX	Installation of lavatory "U/V" (PRM) bi-folding door from long. aisle location L61/62 (SFE)
SCN	CRK25G012N SX	Installation of demo safety belt (BFE) - AMSAFE, PN 2010-6-XXX-XXXX
SCN	CRK25G013N SX	Lavatory equipment selection (SFE)
SCN	CRK25G014N SX	Installation of galley catering equipment (BFE)
SCN	CRK25G015N SX	Installation of curtains according to Curtain Definition checklist

SCN	CRK25G017N SX	Installation of LH stowage (BFE) - full height for the cylindrical area of the cabin
SCN	CRK25G018N SX	Installation of an OHSC extended End Cap above S4FL
SCN	CRK25G019N SX	Installation of self-adhesive mirrors on OHSC top panel - KOMY (SFE)
SCN	CRK25G020N SX	Carpet installation with specific cut pattern around seats
SCN	CRK25G021N SX	Carpet installation with double-sided adhesive tape
SCN	CRK25G023N SX	Installation of curtain for stretcher area in the cabin LH (SFE)
SCN	CRK25G024N SX	Installation of crew rest curtain in the cabin RH (SFE)
SCN	CRK25G025N SX	Inst. of 110 VAC/60 Hz PED OU with over 2.0 Amps USB in YC-specific seat groups config. ASTRONICS
SCN	CRK25G026N SX	Installation of mirrors in OHSCs
SCN	CRK25G027N SX	Installation of Large literature pockets (SFE) on the door frame lining
SCN	CRK25G028N SX	Installation of air chiller unit - ZODIAC ELECTRICAL INSERTS US (ZEIU) - BFE -
SCN	CRK25G029N SX	Infant safety belt PN change
SCN	CRK25G2319615S1N	Lavatory interior decor P/N change
SCN	CRK25G032N SX	Quantity of installation of baby bassinets changed
SCN	CRK25G033N SX	installation of on-board wheelchair in its bag
SCN	CRK25G035N SX	Installation of galley catering equipment (BFE) (Change 1)
SCN	CRK25G037N SX	Change of SFE NTF in exit and galley areas
SCN	CRK25G038N SX	CHANGE OF PAINT ON WALL BETWEEN G4L & G4R (SUPPLIER BUCHER)
SCN	CRK25G039N SX	Emergency Equipment Location Change
SCN	CRK25G1114011N SX	Captain and first officer seat covering with grey sheepskin
SCN	CRK25G6503402N SX	Installation of cockpit flashlights (SFE) 3rd & 4th occupants - DME CORPORATION, PN P2-07-0001-214
SCN	CRK25G6711302N SX	Installation of medical outlets panel (230VAC/50Hz and 115VAC/60Hz) in PSU at location AFT cabin LH
MSCN	CRK25G1000103M1N	Introduce modified A330 cockpit overhead panel
MSCN	CRK25G5000004M1N	Introduce improved advanced cargo loading system for ST8
MSCN	CRK25G6508008M1N	Install Low Frequency Underwater Locator Beacon (LF-ULB)

ATA 26 FIRE PROTECTION - GENERAL		
SCN	CRK26G002N SX	Installation of halon free fire extinguisher in cabin (SFE) - P3, PN P3APP003010A
SCN	CRK26G003N SX	Cockpit portable halon free fire extinguisher alternate equipment (SFE) - P3, PN P3APP003010A
SCN	CRK26G2310610N SX	Cargo fire extinguishers - PACIFIC SCIENTIFIC
ATA 27 FLIGHT CONTROLS - GENERAL		
MSCN	CRK27G4000011M1N	Flight controls - Trimmable horizontal stabilizer - Introduce standard - 540 of THSA
MSCN	CRK27G9210503M1N	Introduction of Side-Stick Unit P/N -106 & 107 with new dampers
MSCN	CRK27G9300132M1N	Flight Controls - Flight Control Primary Computer (FCPC) - Introduce FCPC P15M24 2K2
MSCN	CRK27G9500112M1N	Flight controls - Flight Control Data Concentrator (FCDC) - Introduce L25HS standard
ATA 28 FUEL - GENERAL		
SCN	CRK28G1130001N SX	Installation of Wet Center Tank (WCT)
ATA 29 HYDRAULIC POWER - GENERAL		
MSCN	CRK29G1013001M1N	Introduce Engine Driven Pump standard with improved outlet fitting
MSCN	CRK29G2000009M1N	Hydraulic Power - Ram Air Turbine (RAT) - Introduce RAT design standard P/N 1702934F
ATA 30 ICE AND RAIN PROTECTION - GENERAL		
MSCN	CRK30G4210001M1N	Install Window Heat Computer P/N 774767-2-2
ATA 31 INDICATING/RECORDING SYSTEMS - GENERAL		
SCN	CRK31G3311424N SX	Flight Data Recorder (FDR) (90 days ULB) (1024 w/s) - HONEYWELL, PN 980-4750-002
SCN	CRK31G3621427N SX	WGL-DAR (4 HSPA+ modules) equipped with 8Gb CF memory card - Teledyne (BFE) (ARINC 591/600)
MSCN	CRK31G2111101M1N	Installation of a cockpit clock Air precision PN APE5110
MSCN	CRK31G3300103M2N	Indicating/Recording System - DFDRS - Introduce SSFDR (TSO -C121b - 90-days)
MSCN	CRK31G3300104M1N	Installation of FDIMU s/w FL2 for ED112 mandate compliance
MSCN	CRK31G3612022M1N	Indicating/Recording Systems - ACMS - Introduce Software Update on FDIMU for A330 RR engines
MSCN	CRK31G5300119M1N	Indicating/Recording systems - Flight Warning Computer (FWC) - Introduce T7 standard
MSCN	CRK31G5410001M1N	Installation SDAC standard C11

MSCN	CRK31G6310115M1N	Indicating/Recording systems - Electronic Instrument System (EIS) - Introduce EIS2 standard L10
ATA 32 LANDING GEAR - GENERAL		
SCN	CRK32G4010034N SX	A330 - Wheels and brakes GOODRICH MESSIER (1 500 LPO)
SCN	CRK32G4114301N SX	A330-200/300/800/900 - Radial tires (MLG) - MICHELIN, PN M05102
SCN	CRK32G4114401N SX	A330-200/300/800/900 - Radial tires (NLG) - MICHELIN, PN M07601
SCN	CRK32G4820017N SX	A330-200/300/800/900 - Universal brake cooling fans on GOODRICH - MESSIER brakes
MSCN	CRK32G1100128M1N	Introduce standard with revised MLG adjustable link installation Procedure
MSCN	CRK32G1100129M1N	Landing Gear - Main Gear - Introduce new standard with revised rigging of pitch trimmer sensor
MSCN	CRK32G1100130M1N	Landing Gear - Main Gear - Introduce standard with improved pitch trimmer
MSCN	CRK32G1100131M1N	Landing Gear - Main Gear - Introduce standard with improved Bogie pitch trimmer and Bogie Pivot Pin
MSCN	CRK32G4211012M1N	Landing gear - Normal braking - Introduce S9D software standard of BSCU
ATA 33 LIGHTS - GENERAL		
SCN	CRK33G001N SX	Cabin Lighting Changes
SCN	CRK33G002N SX	Provision for light power supply in stowage - 115 VAC
SCN	CRK33G006N SX	Global Lighting RFC update
SCN	CRK33G007N SX	Global lighting RFC change for exit identifiers CRK
SCN	CRK33G5016201N SX	Exit signs and EEPMS exit identifiers pictograms - AIRSIGNA
ATA 34 NAVIGATION - GENERAL		
SCN	CRK34G002N SX	Radio altitude automatic call-outs
SCN	CRK34G0030011N SX	RNP AR capability (Step 3)
SCN	CRK34G4313027S1N	TCAS (ch7.1) - HONEYWELL TPA100B (-005) / ATC - ACSS NXT-800
SCN	CRK34G005N SX	Installation of dual Head-Up Display (HUD) - deactivated
SCN	CRK34G2020302N SX	ISIS - baro setting in inches Hg
SCN	CRK34G2020304N SX	ISIS - display of metric altitude
SCN	CRK34G3511201N SX	Installation of system provisions for dual Head-Up Display (HUD)

SCN	CRK34G4112540N SX	Dual weather radar ROCKWELL COLLINS, MultiScan WXR-2100 - V2 with hazard function activation
SCN	CRK34G5210203N SX	Compliance with ADS-B OUT regulation for RAD & NRA operations
SCN	CRK34G5310003N SX	Installation of a dual ADF - ROCKWELL COLLINS (900 SERIES)
MSCN	CRK34G1311001M1N	Activation of the Back-Up Speed Scale function
ATA 35 OXYGEN - GENERAL		
SCN	CRK35G001N SX	In-situ replenishment facility for cockpit oxygen cylinder (A330) - EROS, PN DKR142
SCN	CRK35G002N SX	Installation of second PBE in cockpit (SFE) - AIR LIQUIDE, PN 15-40F- 80
SCN	CRK35G2111001N SX	Extended duration (22 min) of chemical oxygen generators - B/E Aerospace Systems GmbH
MSCN	CRK35G1010001M1N	Introduce cockpit oxygen system segregation
ATA 38 WATER/WASTE - GENERAL		
SCN	CRK38G0022205N SX	Statement of sanitary construction for water and waste system compliance with USPHSS
SCN	CRK38G1010403N SX	Installation of one water conditioner in potable water system - AOA APPARATEBAU, PN 9630602-2001
ATA 44 CABIN SYSTEMS - GENERAL		
SCN	CRK44G001N SX	Structural reinforcements for KA Band Antenna
SCN	CRK44G002N SX	System provisions for KA Band Antenna
SCN	CRK44G003N SX	Installation of provisions for Aircraft Communication Manager (ACM)
SCN	CRK44G3312002S1N	Installation of a Thales GX Ka Band antenna system (BFE) based on provisions
SCN	CRK44G3311007S1N	Adapt ARINC 791 Ka Band system provisions for a Thales GX Ka Band System
ATA 45 ONBOARD MAINTENANCE SYSTEMS (OMS)		
MSCN	CRK45G4100102M1N	On board Maintenance System - Printer - Install THALES printer TW5T std L7
MSCN	CRK45G4100103M1N	On board Maintenance System - Printer - Install THALES printer TW5T std L8
ATA 46 INFORMATION SYSTEMS - GENERAL		
SCN	CRK46G4150013S1N	Installation of provisions for a connectivity platform
SCN	CRK46G4116003S1N	Installation of an Aircraft Communication Manager (ACM) (SFE), based on provisions
SCN	CRK46G2110020N SX	Airbus AOC software for ATSU (Fans A+) (weights in kg) - HONEYWELL

SCN	CRK46G2110501N SX	Activation of ARINC 623 in the ATSU
SCN	CRK46G2111101N SX	Activation of VDL mode 2 function in the ATSU
MSCN	CRK46G2100007M1N	Information systems - Air Traffic and Information Management System - Introduce ATSU Hardware A10
MSCN	CRK46G2100008M1N	Introduce ATSU software standard CLR7.3
MSCN	CRK46G2100009M1N	Install an AOC In Service Monitoring application on ATSU Standard CLR7.3
MSCN	CRK46G2100010M1N	Introduce ATSU software standard CLR7.4
ATA 49 AIRBORNE AUXILIARY POWER - GENERAL		
MSCN	CRK49G6110005M1N	Airborne auxiliary power - Control and monitoring - Introduce standard - 310104 of ECB
ATA 51 STANDARD PRACTICES AND STRUCTURES - GENERAL		
SCN	CRK51G001N SX	Water repellent fluid on wing strut well areas
SCN	CRK51G002N SX	Alternate paint systems (LOW VOC / CF primer) on nacelle - ANAC
SCN	CRK51G003N SX	Alternate paint system (CF primer, Base Coat/Clear Coat) on fuselage & vert. stabilizer - ANAC
SCN	CRK51G004N SX	Application of SFE decorative adhesive film, ADHETEC 13880
ATA 52 DOORS - GENERAL		
SCN	CRK52G1010701N SX	Type "A" door number 3
SCN	CRK52G5110301N SX	Electrical cockpit door locking back-up system (MMEL conditions)
ATA 55 STABILIZERS - GENERAL		
SCN	CRK55G3010101N SX	Metal sheet cover on vertical stabilizer
ATA 56 WINDOWS - GENERAL		
SCN	CRK56G1011002N SX	Front and side cockpit windows - SAINT-GOBAIN SULLY
MSCN	CRK56G2210001M1N	Installation of Blind windows painted in dark grey
ATA 72 ENGINE - GENERAL		
SCN	CRK72G0011703N SX	Engines selection - RR TRENT 772B
ATA 73 ENGINE FUEL AND CONTROL		
MSCN	CRK73G2110730M1N	FADEC - Introduce new EEC P/N to prevent ASICS obsolescence on RR T700 engines

