



**MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION
FEDERAL AIR TRANSPORT AGENCY**

**TYPE CERTIFICATE DATA SHEET
TRANSPORT CATEGORY AIRCRAFT**

№ FATA-10029A

Aircraft: A330

Models:	
A330-201	A330-303
A330-202	A330-321
A330-203	A330-322
A330-223	A330-323
A330-243	A330-341
A330-301	A330-342
A330-302	A330-343

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SECTION I. GENERAL DATA

1.1 Developer and Manufacturer	AIRBUS, 1, rond-point Maurice Bellonte 31707 BLAGNAC-France
1.2 Brief Aircraft Description	Two turbo-fan, medium to long range, twin aisle, large category airplane.
1.3 Initial Certification	Type Certificate No CT147-A-330 issued by IAC AR on 12.12.1997
1.4 Certification Basis	Aviation Regulations, Part 25 "Airworthiness requirements for transport category airplanes", Amendments 1 (A330-321 and A330-322) Aviation Regulations, Part 25 "Airworthiness requirements for transport category airplanes", Amendments 1 – 4 (A330-223, A330-243, A330-323, A330-341, A330-342, A330-343) Special technical conditions: SC A-4 Design dive speed SC A-5 Limit pilots forces and torque SC A-11 Aeroelastic stability requirements SC F-1 Stalling and scheduled operating speeds SC F-2 Motion and effects of cockpit controls SC F-3 Static longitudinal stability SC F-4 Static directional and lateral stability SC F-5 Flight envelope protection SC F-6 Normal load factor limiting system SC P-1 FADEC SC P-2 Trim tank SC S-10 Effect of external radiations upon aircraft systems SC S-13 Autothrust system SC S-16 Control signal integrity SC S-18 Electronic flight control SC E-2 Crew rest SC E-5.1 Lower deck lavatory SC E-8.1 Lower deck stowage area SC E-11 Bulk crew rest compartment SC E-19 F/C sliding screens STU S-1 Dynamic conditions of emergency landing

1.5 Noise

All aircraft without modification 55005 "Recertification to Chapter 4" embodied are approved for compliance with Chapter 3 Annex 16 ICAO.

All aircraft with modification 55005 "Recertification to Chapter 4" embodied are approved for compliance with Chapter 4 Annex 16 ICAO.

Note: Noise levels for A330 aircraft depending on incorporated modifications and weight variants are given in the Noise TCDS to the EASA Type Certificate No A.004.

1.6 Operational Documentation

- A330-201/-202/-203/223/-243/-301/-302/-303/-321/-322/-323/-341/-342/-343 applicable Aircraft Flight Manuals approved by EASA with Supplement for CIS Operation (TR 8.00.00/04 dated 17 July 2008 approved by EASA);
- Maintenance Planning Document (MPD) approved by DGAC/EASA;
- Airbus A330 Master Minimum Equipment List (MMEL) with approved Supplement for CIS Operators "IAC AR MMEL Supplement to AIRBUS A330 MMEL for CIS Countries Operators".

SECTION II. A330-300 SERIES**2.1 Models****2.1.1 A330-300 powered by GENERAL ELECTRIC engines****2.1.1.1 Type Design Definition****A330-301 Model**

A330-301 Model FATA approved Type Design is defined in the document: FATA A330-301 Type Design, Issue 1, ref. EALC LR03D17019582, dated 8 June 2017

A330-302 Model

A330-302 Model FATA approved Type Design is defined in the document: FATA A330-302 Type Design, Issue 1, ref. EALC LR03D17019583, dated 8 June 2017

A330-303 Model

A330-303 Model FATA approved Type Design is defined in the document: FATA A330-303 Type Design, Issue 1, ref. EALC LR03D17019584, dated 8 June 2017

Note: Modifications 40064 and 47932 are no more mandated to operate A330 aircraft in the Russian Federation.

2.1.1.2 Engines

A330-301: Two (2) General Electric CF6-80E1A2 turbofan engines
A330-302: Two (2) General Electric CF6-80E1A4 or CF6-80E1A4/B turbofan engines
A330-303: Two (2) General Electric CF6-80E1A3 turbofan engines

2.1.1.3. Engine Limits:

Static thrust at sea level:	A330-301 CF6-80E1A2	A330-302		A330-303 CF6-80E1A3
		CF6-80E1A4	CF6-80E1A4/B	
- take-off (5 min)*	64530 lbs	66870 lbs	68530 lbs	68530 lbs
- maximum continuous	60400 lbs	60400 lbs	60400 lbs	60400 lbs

Notes:

* May be extended to 10 min in the event of a power unit having failed or been shut down.

Other engine limitations: See TCDS to Type Certificate No CT298-AMД dated 24.04.2009.

Thrust “Bump” function capability for A330-302 (option): When CF6-80E1A4/B engines are installed, the thrust “Bump” function can be activated for take-off (Mod 52776).

2.1.1.4 Approved Oil Conform to GE specification D50TF1 Class B or GE Service Bulletin 79-1

2.1.1.5 Fuel Kerosene: JET A, JET A-1, JP5, JP8, No 3 JET Fuel, TS-1 (refer to GE Specification D50TF2)

Note: The above mentioned fuels are also suitable for the APU

2.1.1.6 Speed Limits Refer to approved Airplane Flight Manual.

2.1.1.7 Center of Gravity Range Refer to approved Airplane Flight Manual.

2.1.1.8 Maximum Certified Weights

Valid for A330-301 only

VARIANT (MOD)	000 Basic	001 (42200)	002 (42600)	003 (44270)	004 (44849)	010 (44308)	051 (51806)
MTOW(T)	212	184	212	215	215(*)209	217	212
MLW(T)	174	174	177	177	177(*)182	179	187
MZFW(T)	164	164	167	167	167(*)172	169	175

Note: (*) Linear variation between those weights

Valid for A330-302 and A330-303 only

VARIANT (MOD)	050 (51805)	052 (51807)
MTOW(T)	230	233
MLW(T)	185	187
MZFW(T)	173	175

Valid for A330-302 only

VARIANT (MOD)	053 (52924)
MTOW(T)	205
MLW(T)	185
MZFW(T)	173

2.1.1.9 Note A330-301 can be converted into A330-303 by application of Airbus Service Bulletin A330-00-3036 covering modification 53107.

2.1.2 A330-300 powered by PRATT&WHITNEY engines**2.1.2.1 Type Design Definition****A330-321 and A330-322 Models**

The basic design is defined by Airbus documents:

A330-321: 00G000A0321/C00 for type definition and
00G000A0121/C0S for equipment list

A330-322: 00G000A0322/C00 for type definition and
00G000A0121/C0S for equipment list

A330-323 Model

A330-323 Model FATA approved Type Design is defined in the document: FATA A330-323 Type Design, Issue 2, ref. EALC LR03D17019599, dated 08 June 2017

Mandatory modifications are introduced into basic type design in accordance with Airbus document AI/EA-N № 415.1795/97.

Note: Modifications 40064 and 47932 are no more mandated to operate A330 aircraft in the Russian Federation.

2.1.2.2 Engines

A330-321: Two (2) Pratt & Whitney 4164 turbofan engines

A330-322: Two (2) Pratt & Whitney 4168 turbofan engines

A330-323: Two (2) Pratt & Whitney 4168A turbofan engines

2.1.2.3 Engine Limits:

Static thrust at sea level:	A330-321 PW4164	A330-322 PW4168	A330-323 PW4168A
- take-off (5 min)*	64500 lbs	68600 lbs	68600 lbs
- maximum continuous	55800 lbs	59357 lbs	59357 lbs

Note:* 10 minutes at take-off thrust allowed only in case of engine failure at take-off or during go-around.

Other engine limitations: See TCDS to Type Certificate No 66-D issued on 30.01.2008.

2.1.2.4 Approved Oil

See Pratt & Whitney engine Service Bulletin No 238, latest revision

2.1.2.5 Thrust Reverser and Exhaust System

Installation of Thrust Reverser and Exhaust System (Reverser Assembly P/N 70M001, Nozzle Assembly P/N 76A008 and Exhaust Plug Assembly P/N 75A001) on PW4164, 4168 and 4168A engines according to FAA STC SE825NE

2.1.2.6 Fuel

Kerosene: JET A, JET A-1, JP5, JP8, No 3 JET Fuel, TS-1 (refer to PWA 522 Specification (PW SB No 2016))

Note: The above mentioned fuels are also suitable for the APU

2.1.2.7 Speed Limits

Refer to approved Airplane Flight Manual.

2.1.2.8 Center of Gravity Range

Refer to approved Airplane Flight Manual.

2.1.2.9 Maximum Certified Weights

Valid for A330-321 and A330-322 only

VARIANT (MOD)	000 Basic	002 (42600)	003 (44270)	004 (44849)	010 (43308)	011 (44803)	012 (45086)	013 (46688)
MTOW(T)	212	212	215	215(*)209	217	212	218	215
MLW(T)	174	177	177	177(*)182	179	177	182	177
MZFW(T)	164	167	167	167(*)172	169	167	172	167

(*) Linear variation between those weights

Valid for A330-323 only

VARIANT (MOD)	020 Basic	022 (47785)	025 (49651)	050 (51805)	052 (51807)
MTOW(T)	230	233	217	230	233
MLW(T)	185	187	179	185	187
MZFW(T)	173	175	169	173	175

2.1.2.10 Note

A330-321 can be converted into A330-322 by application of Airbus Service Bulletin A330-00-3013 covering modification 46661

2.1.3 A330-300 powered by ROLLS ROYCE engines

2.1.3.1 Type Design Definition

Models A330-341, A330-342 and A330-343

A330-341 Model

A330-341 Model FATA approved Type Design is defined in the document: FATA A330-341 Type Design, Issue 1, ref. EALC LR03D17019604, dated 08 June 2017

A330-342 Model

A330-342 Model FATA approved Type Design is defined in the document: FATA A330-342 Type Design, Issue 2, ref. EALC LR03D17019606, dated 08 June 2017

A330-343 Model

A330-343 Model FATA approved Type Design is defined in the document: FATA A330-343 Type Design, Issue 2, ref. EALC LR03D17019608, dated 08 June 2017

Note: Modifications 40064 and 47932 are no more mandated to operate A330 aircraft in the Russian Federation.

2.1.3.2 Engines

A330-341: Two (2) Rolls Royce Trent 768-60 turbofan engines

A330-342: Two (2) Rolls Royce Trent 772-60 turbofan engines

A330-343: Two (2) Rolls Royce Trent 772B-60 turbofan engines or two (2) Rolls Royce Trent 772C-60 turbofan engines

3.2.3.3 Engine Limits:

Static thrust at sea level:	A330-341 Trent 768-60	A330-342 Trent 772-60	A330-343 Trent 772B-60	A330-343 Trent 772C-60
- take-off (5 min)*	67500 lbs	71100 lbs	71100 lbs	71100 lbs
- maximum continuous	60410 lbs	63560 lbs	63560 lbs	63560 lbs

Note: *The take-off rating and the associated operating limitations may be used for up to 10 minutes in the event of an engine failure.

Other engine limitations: See TSDS to Type Certificate No 271-AMJ issued on 6.12.2007

2.1.3.4 Approved Oil - Aeroshell Turbine Oil (Royco Turbine Oil) – 500, 555, 560
- Mobil Jet Oil II, 254

2.1.3.5 Fuel Kerosene: JET A, JET A-1, JET B, JP4, JP5, JP8, No 3 JET Fuel, TS-1 (refer to RR Operating Instruction defined in RR Manual F-Trent A330)

Note: The above mentioned fuels are also suitable for the APU

2.1.3.6 Speed Limits Refer to approved Airplane Flight Manual.

2.1.3.7 Center of Gravity Range Refer to approved Airplane Flight Manual

2.1.3.8 Maximum Certified Weights

Valid for A330-341 and A330-342 only

VARIANT (MOD)	000 Basic	002 (42600)	003 (44270)	004 (44849)	010 (43308)	011 (44803)	012 (45086)	013 (46688)	014 (48377)
MTOW(T)	212	212	215	215(*)209	217	212	218	215	205
MLW(T)	174	177	177	177(*)182	179	177	182	177	182
MZFW(T)	164	167	167	167(*)172	169	167	172	167	172

(*) Linear variation between those weights

Valid for A330-342 only

VARIANT (MOD)	022 (47785)	052 (51807)
MTOW(T)	233	233
MLW(T)	187	187
MZFW(T)	175	175

Valid for A330-343 only

VARIANT (MOD)	020 Basic	022 (47785)	024 (48350)	050 (51805)	052 (51807)
MTOW(T)	230	233	205	230	233
MLW(T)	185	187	185	185	187
MZFW(T)	173	175	173	173	175

2.1.3.10 Note A330-343 can be converted into A330-342 by application of Airbus Service Bulletin A330-00-3039 covering modification 50943

2.2 Data pertinent to all A330-300 series

2.2.1 Fuel quantity (0.8 kg/liter):

TANK	2-TANK AIRPLANE		
	Usable fuel liters (kg)		Unusable fuel liters (kg)
	A330-301 A330-321/-322 A330-341/-342 A330-342 except WV22 & 52	A330-302/-303 A330-323 A330-343 A330-342 WV22 A330-342 WV52	All models
WING	91764 (73411)	91300 (73040)	348 (279)
TRIM TANK	6121 (4897)	6230 (4984)	6 (5)
TOTAL	97885 (78308)	97530 (78024)	354 (284)

2.2.2 Maximum Number of Passengers

The maximum number of passengers approved for emergency evacuation is:
 - 375 basic (3 Type A and 1 Type 1 doors installed);
 - 440 option (4 Type A doors installed – Mod 40161).

2.2.3 Cargo compartment loading

Cargo compartment	Maximum load (kg)
Forward	22861
Aft	18507
Rear (bulk)	3468

For the positions and loading conditions authorized in each position (references of containers, pallets and associated weights), see Weight and Balance Manual ref. 00G080A0006/C3S.

SECTION III. A330-200 SERIES

3.1 Models

3.1.1 A330-200 powered by GENERAL ELECTRIC engines

3.1.1.1 Type Design

Definition

A330-201 Model

A330-201 Model FATA approved Type Design is defined in the document: FATA A330-201 Type Design, Issue 1, ref. EALC LR03D17019533, dated 8 June 2017

A330-202 Model

A330-202 Model FATA approved Type Design is defined in the document: FATA A330-202 Type Design, Issue 1, ref. EALC LR03D17019548, dated 8 June 2017

A330-203 Model

A330-203 Model FATA approved Type Design is defined in the document: FATA A330-203 Type Design, Issue 1, ref. EALC LR03D17019552, dated 8 June 2017

Note: Modifications 40064 and 47932 are no more mandated to operate A330 aircraft in the Russian Federation.

3.1.1.2 Engines

A330-201: Two (2) General Electric CF6-80E1A2 turbofan engines
 A330-202: Two (2) General Electric CF6-80E1A4 or CF6-80E1A4/B turbofan engines
 A330-203: Two (2) General Electric CF6-80E1A3 turbofan engines

3.1.1.3 Engine Limits:

Static thrust at sea level:	A330-201 CF6-80E1A2	A330-202		A330-203 CF6-80E1A3
		CF6-80E1A4	CF6-80E1A4/B	
- take-off (5 mn)*	64530 lbs	66870 lbs	68530 lbs	68530 lbs
- maximum continuous	60400 lbs	60400 lbs	60400 lbs	60400 lbs

Approved oils: conform to GE specification D50TF1 Class B or GE Service Bulletin 79-1

Note: * May be extended to 10 min in the event of a power unit having failed or been shut down.

Other engine limitations: See TCDS to Type Certificate No CT298-AMJ, issued on 24.04.2009.

Thrust "Bump" function capability for A330-202 (option): When CF6-80E1A4/B engines are installed, the thrust "Bump" function can be activated for take-off (Mod 52776).

3.1.1.4 Approved Oil

Conform to GE specification D50TF1 Class B or GE Service Bulletin 79-1

3.1.1.5 Fuel

Kerosene: JET A, JET A-1, JP5, JP8, No 3 JET Fuel, TS-1 (refer to GE Specification D50TF2)

Note: The above mentioned fuels are also suitable for the APU

3.1.1.6 Speed Limits

Refer to approved Airplane Flight Manual.

3.1.1.7 Center of Gravity Range

Refer to approved Airplane Flight Manual

3.1.1.8. Maximum Certified Weights

VARIANT (MOD)	020 Basic	021 (46892)	022 (47784)	023 (47888)	024 (49819)	026 (51712)
VALIDITY	A330-201 A330-202 A330-203	- A330-202 -	- A330-202 A330-203	A330-201 A330-202 A330-203	A330-201 - -	- - A330-203
MTOW(T)	230	230	233	233	202	192
MLW(T)	180	182	182	180	180	180
MZFW(T)	168	170	170	168	168	168

VARIANT (MOD)	050 (51802)	051 (51803)	052 (51804)	053 (53109)	054 (54106)	055 (54107)	056 (55813)
VALIDITY	A330-201 A330-202 A330-203	A330-203	A330-201 A330-202 A330-203	- A330-202 -	A330-203	A330-201 A330-202 A330-203	A330-201 A330-202 A330-203
MTOW(T)	230	192	233	210	230	192	233
MLW(T)	180	180	182	180	182	182	180
MZFW(T)	168	168	170	168	170	170	168

Valid for A330-201/-202/-203

VARIANT (MOD)	059 (57439)	060 (57440)
MTOW(T)	202	220
MLW(T)	182	182
MZFW(T)	170	170

3.1.1.9 Notes

1. A330-202 can be fitted with CF6-80E1A2 engines by application of Service Bulletin 72-003 (Mod 46549), and can be reverted to CF6-80E1A4 engines installation by Service Bulletin 72-3005 (Mod 47332).
2. A330-203 can be converted into A330-202 by application of Airbus Service Bulletin A330-00-3034 covering modification 53335.
3. A330-201 can be converted into A330-202 by application of Airbus Service Bulletin A330-00-3051 covering modification 55917

3.1.2 A330-200 powered by PRATT&WHITNEY engines**3.1.2.1 Type Design Definition****A330-223 Model**

A330-223 Model FATA approved Type Design is defined in the document: FATA A330-223 Type Design, Issue 2, ref. EALC LR03D17019591, dated 8 June 2017

Notes:

Mandatory modifications are introduced into basic type design in accordance with Airbus document AI/EA-N № 415.1795/97.

Notes:

- Modifications 40064 and 47932 are no more mandated to operate A330 aircraft in the Russian Federation.
- Aircraft not having installed Airbus MOD 56835, either by serial production or retrofit, are not allowed in the Russian Federation to perform loading Cargo to the forward and aft Lower Deck Cargo Compartments, under the conditions of Snow, Ice and Rain conditions, when the aircraft is considered to be in “Cold Soak” configuration

3.1.2.2 Engines

Two (2) Pratt & Whitney 4168A turbofan engines

3.1.2.3 Engine Limits:

Static thrust at sea level:	A330-223 PW4168A
- take-off (5 min)*	68600 lbs
- maximum continuous	59357 lbs
Approved oils: see Pratt & Whitney engine Service Bulletin No 238, latest revision	

Note: * 10 minutes at take-off thrust allowed only in case of engine failure at take-off or during go-around.

Other engine limitations: See TCDS to Type Certificate No 66-D issued on 30.01.2008

Note: Thrust reverser and Exhaust System

Installation of Thrust Reverser and Exhaust System (Reverser Assembly P/N 70M001, Nozzle Assembly P/N 76A008 and Exhaust Plug Assembly P/N 75A001) on PW4168A engines according to FAA STC SE825NE is approved.

3.1.2.4 Approved Oil

See Pratt & Whitney engine Service Bulletin No 238, latest revision

3.1.2.5 Thrust Reverser and Exhaust System

Installation of Thrust Reverser and Exhaust System (Reverser Assembly P/N 70M001, Nozzle Assembly P/N 76A008 and Exhaust Plug Assembly P/N 75A001) on PW4168A engines according to FAA STC SE825NE

3.1.2.6 Fuel

Kerosene: JET A, JET A-1, JP5, JP8, No 3 JET Fuel, TS-1 (refer to PWA 522 Specification (PW SB No 2016))

Note: The above mentioned fuels are also suitable for the APU

3.1.2.7 Speed Limits

Refer to approved Airplane Flight Manual

3.1.2.8 Center of Gravity Range

Refer to approved Airplane Flight Manual

3.1.2.9 Maximum Certified Weights

VARIANT (MOD)	020 Basic	021 (46892)	022 (47784)	023 (47888)	050 (51802)	052 (51804)	055 (54107)
MTOW(T)	230	230	233	233	230	233	192
MLW(T)	180	182	182	180	180	182	182
MZFW(T)	168	170	170	168	168	170	170

VARIANT (MOD)	056 (55813)	059 (57439)	060 (57740)
MTOW(T)	233	202	220
MLW(T)	180	182	182
MZFW(T)	168	170	170

3.1.3 A330-200 powered by ROLLS ROYCE engines**3.1.3.1 Type Design Definition****A330-243 Model**

A330-243 Model FATA approved Type Design is defined in the document: FATA A330-243 Type Design, Issue 2, ref. EALC LR03D17019595, dated 8 June 2017

Note: Modifications 40064 and 47932 are no more mandated to operate A330 aircraft in the Russian Federation.

3.1.3.2 Engines

Two (2) Rolls Royce Trent 772B-60 turbofan engines or two (2) Rolls Royce Trent 772C-60 turbofan engines

3.1.3.3 Engine Limits:

Static thrust at sea level:	A330-243 Trent 772B-60	A330-243 Trent 772C-60
- take-off (5 min)*	67500 lbs	71100 lbs
- maximum continuous	60410 lbs	63560 lbs

Note: * The take-off rating and the associated operating limitations may be used for up to 10 minutes in the event of an engine failure.

Other engine limitations: See TCDS to Type Certificate No 271-AMJ issued on 6.12.2007

3.1.3.4 Approved Oil

- Aeroshell Turbine Oil (Royco Turbine Oil) – 500, 555, 560
- Mobil Jet Oil II, 254

3.1.3.5 Fuel

Kerosene: JET A, JET A-1, JET B, JP4, JP5, JP8, No 3 JET Fuel, TS-1 (refer to RR Operating Instruction defined in RR Manual F-Trent A330)

Note: The above mentioned fuels are also suitable for the APU

3.1.3.6 Speed Limits Refer to approved Airplane Flight Manual

3.1.3.7 Center of Gravity Range Refer to approved Airplane Flight Manual

3.1.3.8 Maximum Certified Weights

VARIANT (MOD)	020 (Basic)	021 (46892)	022 (47784)	023 (47888)	024 (49819)
MTOW(T)	230	230	233	233	202
MLW(T)	180	182	182	180	180
MZFW(T)	168	170	170	168	168

VARIANT (MOD)	025 (50864)	026 (51712)	027 (54519)	050 (51802)	052 (51804)	055 (54107)
MTOW(T)	220	192	220	230	233	192
MLW(T)	182	180	180	180	182	182
MZFW(T)	170	168	168	168	170	170

VARIANT (MOD)	056 (55813)	059 (57439)	60 (57440)
MTOW(T)	233	202	220
MLW(T)	180	182	182
MZFW(T)	168	170	170

3.2 Data pertinent to all A330-200 series

3.2.1 Fuel quantity (0.8 kg/liter):

TANK	3-TANK AIRPLANE	
	Usable fuel liters (kg)	Unusable fuel liters (kg)
WING	91300 (72949)	348 (279)
CENTER	41560 (33248)	83 (66.4)
TRIM TANK	6230 (4984)	6 (5)
TOTAL	139090 (111272)	437 (349)

3.2.2 Maximum Number of Passengers

The maximum number of passengers approved for emergency evacuation is:
 - 375 basic (3 Type A and 1 Type 1 doors installed);
 - 406 option (4 Type A doors installed – Mod 40161).

3.2.3 Cargo compartment loading

Cargo compartment	Maximum load (kg)
Forward	18869
Aft	15241
Rear (bulk)	3468

Note: For the positions and loading conditions authorized in each position (references of containers, pallets and associated weights), see Weight and Balance Manual ref. 00G080A0006/C3S.

IV. DATA PERTINENT TO ALL A330-200 AND A330-300 SERIES**4.1 Minimum Flight Crew**

Two (2): Pilot and Co-pilot

4.2 Ambient temperature limitations for take-off and landing

-40°C up to +45°C

4.3 Maximum operating altitude

41450 ft (12630 m) pressure altitude

4.4 Other Limitations

Refer to approved Airplane Flight Manual

4.5 Auxiliary Power Unit (APU)

One GARRETT GTCP 331-350C (Specification 31-7677A).
Oils: refer to applicable approved Manual

4.6 Equipment

The equipment required by the applicable requirements shall be installed. Cabin furnishings, equipment and arrangement shall conform to the following specification:

- 00F252K0005/C01 for cabin seats;
- 00F252K0006/C01 for galley;
- 00F252K0020/C01 for cabin attendant seats

4.7 All Weather Capabilities

A330-301 aircraft is qualified to Cat. 2 precision approach if modification 42390 is embodied.

A330-301 aircraft is qualified to Cat. 3 precision approach and autoland if modification 42792 is embodied.

A330-321/A330-322 aircraft is qualified to Cat 3 precision approach and autoland if modification 43397 is embodied.

A330-201, A330-202, A330-203, A330-323, A330-341, A330-342, A330-343, A330-223, A330-243, A330-302, A330-303 Aircraft Type Design is approved for Cat 3 precision approach and autoland

4.8 Wheels and Tyres Refer to Airbus Service Bulletin A330-32-3004

4.9 Hydraulics Fluid specifications: TYPE IV (NSA 307-110)

4.10 Maintenance Instructions and Airworthiness Limitations

Limitations applicable to Safe Life Airworthiness Limitations Items are provided in the A330 Airworthiness Limitations Section (ALS) sub-parts 1-2 and 1-3 approved by EASA (Document 00G050AM091/C01).

Limitations applicable to Damage Tolerant Airworthiness Limitations Items are provided in the A330 Airworthiness Limitations Section (ALS) Part 2 approved by EASA (Document 00G050A3301/C01).

Certification Maintenance Requirements are provided in the A330 Airworthiness Limitations Section (ALS) Part 3 approved by EASA (Document 00G050A0003/C01).

Limitations applicable to Ageing System Maintenance are provided in the A330 Airworthiness Limitation Section (ALS) Part 4 approved by EASA (Document 00G050AM094/C01).

Maintenance Review Board Report 00G050A0002/C01.

4.11 ETOPS

The Type Design, systems reliability and performance of A330 models were found capable for Extended Range Operations when configured, maintained and operated in accordance with the current revision of the ETOPS Configuration, Maintenance and Procedures (CMP) document, LR-EASA:AMC 20-6-CMP

This finding does not constitute an approval to conduct Extended Range Operations (operational approval must be obtained from the responsible Aviation Administration).

The following table provides details on the ETOPS approvals:

Variant	Engine Type	120 Min Approval Date	180 Min Approval Date
A330-301	GE CF6-80E1A2	29 April 1994	06 February 1995
A330-302	GE CF6-80E1A4	N/A	17 June 2004
A330-303	GE CF6-80E1A3	N/A	17 June 2004
A330-321	PW 4164	06 February 1995	04 August 1995
A330-322	PW4168	06 February 1995	04 August 1995
A330-323	PW4168A	N/A	22 April 1999
A330-341	RR Trent 768-60	15 December 1995	17 June 1996
A330-342	RR Trent 772-60	15 December 1995	17 June 1996
A330-343	RR Trent 772B-60	N/A	21 October 1999
A330-343	RR Trent 772C-60	N/A	20 April 2006
A330-201	GE CF6-80E1A2	N/A	19 November 2002
A330-202	GE CF6-80E1A4	N/A	27 April 1998
A330-203	GE CF6-80E1A3	N/A	30 November 2001
A330-223	PW 4168A	N/A	13 July 1998
A330-243	RR Trent 772B-60	N/A	03 February 1999
A330-243	RR Trent 772C-60	N/A	19 April 2006

4.12 Special requirements

1. Any changes or additions to the operational documentation developed by Airbus upon request of a Russian Federation operator may be implemented after FATA approval.
2. The process of delivery of an individual aircraft to a Russian Federation operator should be performed by Airbus and include an inspection for aircraft conformity to the FATA approved type design.

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Original document in the Russian language signed by
Mikhail V. Bulanov, Deputy Director General