

European Aviation Safety Agency

EASA

**RESTRICTED TYPE-CERTIFICATE
DATA SHEET
EASA.A.014**

AIRBUS A300-600ST

Manufacturer:

AIRBUS

1 Rond-point Maurice Bellonte
31707 BLAGNAC
FRANCE

For model: A300F4-608ST

Issue 3, 05 May 2010

TABLE OF CONTENT

SECTION 1: GENERAL	3
SECTION 2: A300F4-608ST	4
I. General.....	4
1. Aeroplane.....	4
II. Restricted Certification Basis.....	4
1. Reference Proposal Date for EASA Restricted Type Certification	4
2. French DGAC Special Certification Dates	4
3. EASA Restricted Certification Basis.....	4
4. Special Conditions	5
5. Equivalent Safety Findings.....	5
6. Environmental Standards.....	5
III. Technical Characteristics and Operational Limitations	5
1. Type Design Definition	5
2. Maximum Certified Weights	6
3. Centre of Gravity Range	6
4. Limit Speeds	6
5. Engines limitations	6
6. Auxiliary power unit (APU)	7
7. Fuel Tank Capacity	7
8. Fuel	7
9. Hydraulics	8
10. Tyres	8
11. Minimum Flight Crew	8
12. Maximum number of occupants	8
13. Maximum Authorized Altitude	8
14. Cargo compartment loading	8
15. Other Limitations	8
16. Environmental Flight Envelope	8
17. All Weather Capabilities	8
18. Equipment.....	9
19. Maintenance Instructions	9
SECTION 3: CHANGE RECORD.....	10

** 10 minutes at take-off thrust allowed only in case of engine failure (at take-off or during go-around) in accordance with DGAC "Fiche de caractéristiques moteur".

Other engine limitations: See the relevant Engine Type Certificate Data Sheet.

6. Auxiliary power unit (APU)

Available mechanical shaft power at sea level	98.5 KW
Maximum operating speed	43562 rpm
Maximum gas temperature at turbine outlet	585°C

Approved oils: See AIRESEARCH GTCP 331-250 Chapter 49-21-00 Table 2.

7. Fuel Tank Capacity (0.8 kg/litre)

TANK	Unusable fuel		Usable fuel	
	Kg	Liter	Kg	Liter
Outer	12	15	7 408	9260
Inner	130	163	28 112	35 140
Center	48	60	14 080	17 600
TOTAL	190	238	49 600	62 000

8. Fuel

Fuel determined to be in conformity with General Electric Specification DT50 TF2 may be used.

Additives:

- Anti-icing: PHILIPS PFA-55MB to MIL-I-27686 specification, 0.15% by volume maximum concentration.
I and TGF, 0.2% by volume maximum concentration (for Russian fuel).
I-M and TGF-M 0.1% by volume maximum concentration (for Russian fuel).
 - Biocide: SOHIO BIOBOR JF at 270PPM maximum concentration
 - Anti-static: SHELL ASA-3 at 1PPM maximum concentration
-

9. Hydraulics

Fluid specifications: NSA 30-7110

10. Tyres

See Aircraft Maintenance Manual, chapters 12 and 32.

11. Minimum Flight Crew

Two (2): Pilot and Co-pilot

12. Maximum number of occupants

Five (5) including Flight Crew

13. Maximum Authorized Altitude

35 000 ft

14. Cargo compartment loading

The airplane must be loaded in accordance with the loading instructions given in the relevant WEIGHT AND BALANCE Manual – Chapter 1.10.

Cargo compartment	Maximum load (kg)
Main	45 500
Aft	12 837
Rear (Bulk)	27 837
Forward	500

15. Other Limitations

Refer to approved Airplane Flight Manual.

16. Environmental Flight Envelope

Refer to approved Airplane Flight Manual.

17. All Weather Capabilities

The aircraft is qualified to Cat 2 precision approach and autoland.