Civil Aviation Authority
United Kingdom

FR15
Issue 6
March 1999
AEROSPATIALE
AS355F, AS355F1, AS355F2
and AS355N

TYPE CERTIFICATE DATA SHEET NO. FR15

This data sheet, which is part of CAA Type Certificate No. FR15, prescribes conditions and limitations under which the product, for which the type certificate was issued, meets the airworthiness requirements of the Civil Aviation Authority.

TYPE CERTIFICATE HOLDER:
EUROCOPTER FRANCE
Etablissement de Marignane
13725 Marignane Cedex
France

MANUFACTURER:
Eurocopter France

AIRCRAFT TYPE/
MODEL NUMBER(S):
AS 355F, AS355F1, AS 355F2, AS355N

TYPE DESIGN DEFINITION:

ECF Drawings:	350A.00.0000	Issue N
	355A.04.3470	Issue E
	355A.05.0016	Issue I

CERTIFICATION BASIS:
The following requirements were the basis of certification of the type design:

F Version:
Certification by the Direction General a l'Aviation Civile of France as complying with FAR 27 and amendments 27.1 to 27.16 inclusive, and the DGAC special conditions notified in DGAC letter No. 53879, 11 August 1980, and the United Kingdom CAA Special Conditions as set out in Aerospatiale document 355A.05.0016 dated 17 December 1981, and updated on 9 June 1983 to include CAA Special Conditions for IMC flight.

N Version:
FAR 27 amendment 20 modified by CTC 27 plus following paragraphs of 21: 21, 45, 71, 79, 143, 151, 161, 173, 175, 177, 672,673,729, 735 ,779, 807, 1329, 1413, 1519, 1525, 1555, 1585, 1587.
Special Conditions specified in DGAC letter 54408 dated 21 Oct. 1988.
BCAR G Issue 9 and other requirements as detailed in CAA document "Additional Requirements for Certification in the Transport Category" 9/31/RY3001(065)

CERTIFICATION CATEGORY:

Transport Category (Passenger)
Transport Category (Cargo)
Aerial Work
Private

PERFORMANCE CATEGORY:

UK: Group A and Group B

FLIGHT MANUAL:

The limitations recommended procedures and information required are contained in the DGAC approved Flight Manuals:

AS 355F	DGAC approved Flight Manual dated 7 January 1962 with E coded pages
AS 355F1	DGAC approved Flight Manual dated 6 February 1984 with E coded pages.
AS 355F2	DGAC approved Flight Manual dated 23 September 1986 with E coded pages.
AS355N	DGAC approved Flight Manual dated 26 June 1992 with E coded pages.

ENGINE:

Verson F:	2 x Allison 250 C20F, CAA validated 20 August 1979.
Version N:	2 x Turbomeca TM319-1A Arrius, CAA validated 31 March 1992.

MAXIMUM WEIGHTS:

AS355	Lb	Kg
Maximum take-off weight	5070	2300
Maximum landing weight	5070	2300

AS355F1	Lb	Kg
Maximum take-off weight	5291	2400
Maximum landing weight	5291	2400

AS355F2	Lb	Kg
Maximum take-off weight	5600	2540
Maximum landing weight	5600	2540

AS355N	Lb	Kg
Maximum take-off weight	5733	2600
Maximum landing weight	5733	2600

DIMENSIONS:

	Ft	M
Length	35.86	10.93
Rotor Diameter	35.07	10.69
Height	10.30	3.14

MINIMUM CREW: UK : One pilot

MAXIMUM OCCUPANTS/PASSENGERS: Number of persons, including crew, is not to exceed 6.
Or, for the AS355F1, F2 and N if post modifications 07.1940, 07.1983 and 07.1984 - 7 persons.
This is limited by the space available in the cabin.

OPERATING LIMITATIONS: The operating limitations are contained in the applicable Flight Manual referenced above.

MANDATORY MAINTENANCE INSTRUCTIONS: AS355 Maintenance Manual

LIFE LIMITED PARTS Maintenance Manual Chapter 5.99

NOISE: Noise Type Certificate Number 158 Issue 2 applicable to AS355N only.

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