UNITED KINGDOM
CIVIL AVIATION AUTHORITY

FR14
Issue 4
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Bell
Model 412 and 412EP

TYPE CERTIFICATE DATA SHEET No. FR14

This data sheet which is part of CAA Type Certificate No. FR14, 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:

Bell Helicopter Textron
Post Office Box 482
Fort Worth
Texas
76101
United States of America

MANUFACTURER:

Bell Helicopter Textron

AIRCRAFT TYPE/ MODEL NUMBER(S):

Model 412 and 412EP

TYPE DESIGN DEFINITION:

Bell Drawing No. 412-900-001 plus Kit No. 412-705-016 (Day and Night Operations) and Kit No. 412-705-018 (Single Pilot IFR Operations). Additional equipment required by the Air Navigation Order must also be fitted.

For the model EP, Kit No. 412-705-016 at Field of Drawing Revision E and Parts List Revision L or subsequent and Kit No. 412-705-018 at Field of Drawing Revision B and Parts List Revision D or subsequent is applicable.

CERTIFICATION BASIS:

The following requirements were the basis of cerification of the type design:

United States of America FAR Part 29 dated 1 February 1965 amended 29-1 and 29-2 and FAR 29-473, 29-501, 29-771, 29-1323 and 29-1505(b) of amendment 29-3 and Special Conditions for Bell Model 212 helicopters 29-12-SW-1 issued 29 August 1969 and amended for Bell Model 412, and 'Guidelines for Helicopter Certification Using Vertical Take-Off Techniques from Ground Level and Elevated Airports' vertifical Take-Off criteria transmitted to Bell by FAR SW-210 letter dated 3 February 1971.

Bell 412 and 412EP UK Additional Requirements for Certification in the Transport Category 9/31/RY.3101.

CERTIFICATION CATEGORY: Transport Category (Passenger)

PERFORMANCE CATEGORY: UK: Group A and Group B

FLIGHT MANUAL: The limitations recommended procedures and information required are contained in the CAA approved Flight Manuals:

Model 412

Bell Model 412 Flight Manual
BHT-412-FM-CAA (Serial No. 33001-33107).

Bell Model 412 Flight Manual
BHT-412-FM-CAA-2 (Serial No. 33108-36019).

Model 412EP

Bell Model 412EP Flight Manual Reference
BHT-412-FM-4 (Serial No. 36087 & Subs).

plus

Bell Model 412EP Rotorcraft Flight Manual Supplement for UK Registered Aircraft BHT-412-FMS-CAA-57.4.

ENGINE: **Model 412**

2 x Pratt & Whitney of Canada Limited
PT6T-3B engines, CAA validated 25 November 1980.

Model 412EP

2 x Pratt & Whitney of Canada Limited
PT6T-3D engines, CAA validated 31 October 1996

MAXIMUM WEIGHTS:

Model 412 (Serial No. 33001-33107)	Lb	Kg
Maximum take-off weight	11,600	5261
Maximum landing weight	11,600	5261

Model 412 (Serial No. 33108-36019)	Lb	Kg
Maximum take-off weight	11,900	5397
Maximum landing weight	11,900	5397

Model 412EP (Serial No. 36087 & Subs)	Lb	Kg
Maximum take-off weight	11,900	5397
Maximum landing weight	11,900	5397

DIMENSIONS:

All models	Ft	M
Length	56.17	17.1
Rotor Diameter	46.00	14.0
Height	15.00	4.57

MINIMUM CREW: UK: One pilot

MAXIMUM OCCUPANTS/PASSENGERS: Number of persons, including crew, is not to exceed 15. 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: Bell 412 Maintenance Manual

LIFE LIMITED PARTS Maintenance Manual Chapter 4

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