CIVIL AVIATION AUTHORITY
UNITED KINGDOM

FR7
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BELL 206L, 206L-1, 206L-3, 206L-4 & 407

TYPE CERTIFICATE DATA SHEET NO. FR7

This data sheet is part of CAA Type Certificate No. FR7 and gives the basis upon which the Certificate was issued, together with other information to define the product.

Aircraft Manufacturer:	Bell Helicopter Textron 12,800 rue de l'Avenir Quebec J7J 1R4 Canada
Type to which the Certificate relates:	Bell 206L
Approved variants:	Bell 206L-1 Bell 206L-3 Bell 206L-4 Bell407

With effect from 14 September 1995, design responsibility for all the above models was transferred from Bell Helicopter Textron, Forth Worth, Texas and FAA to Bell Helicopter Textron Canada, Mirabel, Quebec and Department of Transport (Transport Canada).

CERTIFICATION BASIS

The basis of certification of the Bell 206L and subsequently approved Variants is as defined in Transport Canada Type Certificate Data Sheet Number H-92 and the CAA requirements applicable to UK Additional Requirements for Certification in the Transport Category.

FLIGHT MANUAL

The limitations, recommended procedures and information required are contained in the following Flight Manual:

206L: FAA approved Model 206L Long Ranger flight manual dated 22 September 1975 including CAA approved Bell Model 206L flight manual supplement dated 7 February 1977 for United Kingdom registered helicopters.

206L-1: FAA approved Model 206L-1 Long Ranger II Flight Manual dated 17 May 1978 including CAA approved Supplement dated 11 October 1978 for United Kingdom registered helicopters.

206-3: FAA approved Model 206L-3 Flight Manual BHT-206L-3-FM dated 9 December 1981 and CAA approved Supplement for United Kingdom registered helicopters BHT-206L-3-FMS-CAA.

206L-4 FAA approval Model 206L-4 Flight Manual BHT-206L4-FM-1 including CAA Supplement No. 2 and Change Sheet No. 1.

407 Transport Canada approved Model 407 Flight Manual BHT-407-FM-1.

AIRWORTHINESS CATEGORY

UK: Transport Category (Passenger)

PERFORMANCE GROUP

UK: Group B.

MINIMUM CREW

UK: One pilot.

MAXIMUM NUMBER OF OCCUPANTS

Number of persons, including crew, not to exceed 7. The number is limited by the capacity of the fuselage.

POWER UNIT

206L	One Allison 250-C20B engine
206L-1	One Allison 250-C28B engine
206L-3	One Allison 250-C30P engine
206L-4	One Allison 250-C30P engine
407	One Allison 250-C47B engine

Approved rotor assemblies as listed in the appropriate Maintenance Manual, Chapter 4.

FUEL CAPACITY

The capacity of the fuel tank, in litres is:

206L, 206L-1

Tank	Usable	Unusable	Total
Main	367	4	371

206L-3, 206L-4

Tank	Usable	Unusable	Total
Main	419	5	424

407

Tank	Usable	Unusable	Total
Main	484	10	494

OIL CAPACITY

The capacity of the engine oil system is 5 litres.

MAXIMUM WEIGHTS

206L	Maximum take-off and landing weight	4000 lb (1815 kg)
206L-1	Maximum take-off and landing weight	4050 lb (1837 kg)
	or with an external laod	4250 lb (1928 kg)
206L-3	Maximum take-off and landing weight	4150 lb (1882 kg)
	or with an external laod	4250 lb (1928 kg)
206L-4	Maximum take-off and landing weight	4450 lb (2018.5 kg)
	or with an external laod	4550 lb (2063.8 kg)
407	Maximum take-off and landing weight	5000 lb (2268 kg)
	or with an external load	6000 lb (2722 kg)

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