UNITED KINGDOM
CIVIL AVIATION AUTHORITY

FR3
Issue 4
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EUROCOPTER BO105D, DB,DS, DBS, DB-4, DBS-4, DBS-5

TYPE CERTIFICATE DATA SHEET NO.FR3

This data sheet which is part of CAA Type Certificate No. FR3, 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 DEUTSCHLAND GmbH
81663 Munchen
Germany

MANUFACTURER:
Eurocopter Deutschland GmbH
Postfach 1353
86603 Donauworth
Germany

AIRCRAFT TYPE/ MODEL NUMBER(S):

BO 105 D	BO 105 DB-4
BO 105 DB	BO 105 DBS-4
BO105 DBS	BO 105 DBS-5

TYPE DESIGN DEFINITION:
The LBA approved design standard is converted to the CAA approved standard by incorporation of Kit 105-80032. Refer to LBA Type Certificate Data Sheet No. 3025.

CERTIFICATION BASIS:
FAR 27 dated 1 Feb 1965 including Amendments 1 to 3 and as amended by ARB Special Conditions.

NOTE: BO 105 DBS-5 Group A performance was certificated in accordance with JAR 27 (Appendix C) Issue 1

CERTIFICATION CATEGORY:
Transport Category (Passenger)

PERFORMANCE CATEGORY:
Group A, A(Restricted) and B. JAA Classes 1, 2 and 3

FLIGHT MANUAL:

BO 105D	Code D	Second Issue dated 1 Sept. 82
BO 105DB; DB-4	Code DB	Second Issue dated 1 Sept. 82
BO 105 DS	Code DS	Second Issue dated 1 Sept. 82
BO 105 DBS;DBS-4	Code DBS	Second Issue dated 1 Sept.82
BO 105 DBS-5	Code DBS-5	Initial Issue dated 22 Nov.94

ENGINE:

BO 105D	Two Allison 250 C20 or C20B
BO 105 DB; DB-4	Two Allison 250 C20B
BO 105 DS	Two Allison 250 C20 or C20B
BO 105 DBS, DBS-4,DBS-5	Two Allison 250 C20B

MAXIMUM WEIGHTS:

BO105 D; DS	Lb	Kg
Maximum Taxying weight	-	-
Maximum take-off weight	5070	2300
Maximum landing weight	5070	2300
Maximum zero fuel weight	-	-
Maximum aerobatic weight	-	-

BO105 DB; DBS	Lb	Kg
Maximum Taxying weight	-	-
Maximum take-off weight	5291	2400
Maximum landing weight	5291	2400
Maximum zero fuel weight	-	-
Maximum aerobatic weight	-	-

BO105 DB-4; DBS-4; DBS-5	Lb	Kg
Maximum Taxying weight	-	-
Maximum take-off weight	5521	2500
Maximum landing weight	5521	2500
Maximum zero fuel weight	-	-
Maximum aerobatic weight	-	-

DIMENSIONS:

	Ft	M
Length	38.84	11.84
Rotor Diameter	32.15	9.8
Height	9.84	3.00
Wing area		

MINIMUM CREW: One Pilot

MAXIMUM OCCUPANTS/PASSENGERS: Five Passengers

OPERATING LIMITATIONS: Refer to relevant Flight Manual

MANDATORY MAINTENANCE INSTRUCTIONS: Refer to BO 105 Maintenance Manual

NOISE: LBA Noise Certificate 06.913/3025

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