UNITED KINGDOM
CIVIL AVIATION AUTHORITY

BR2
Issue 3
September 2003
E.H. INDUSTRIES LTD
EH101-300

TYPE CERTIFICATE DATA SHEET NO. BR2

This data sheet which is part of CAA Type Certificate No. BR2, 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: **E.H. INDUSTRIES LTD**
500 Chiswick High Road
London W4 5AG

MANUFACTURER:

Westland Helicopters Ltd	**Costruzione Aeronautiche Giovani Agusta**
Yeovil	**21017 Cascina Costa di Samarate**
Somerset, BA20 2YB	**ITALY**
ENGLAND	

AIRCRAFT TYPE DESIGNATION: **EH101-300**

TYPE DESIGN DEFINITION: **EHA 1538, Issue 5, Revision C**

CERTIFICATION BASIS:

BCAR	Section A Issue 26
	Section G Issue 9
	Section N Issue 4
	Section R Issue 4

Blue Papers

G235	Miscellaneous Amendments derived from BCAR Section D.
G774	Installation Assumptions involved in Engine Type Certification.
R727	Aircraft Systems Display of Channel Data.
R729	Aircraft Radio Installations in Turbine Helicopters.

Working Papers

G610	Issue 2 (WD)	Flight in precipitation and ice-forming conditions.
G707	Issue 1 (WD)	Electrical Supply Systems and Equipment
G778	Issue 2 (WD)	Sub-Section G4 - Design and Construction Chapter G4-9 -Rotor and Transmission System.
G779	Issue 1 (WD)	Emergency Alighting on Water
G780	Issue 1 (WD)	Rotorcraft Categories
G785	Issue 1 (WD)	Revision of Chapters G6-6 and G4-3 Launching and Boarding Liferafts.
G786	Issue 2 (lst Draft)	Compartment Fire Precaution Chapter G4-3.
G805	Prelim.Draft (lst draft of Issue 1)	Emergency Alighting - Protection of Occupants
G809	Issue 1 (WD)	Sub-Section G7 - Rotor and Transmission System Tests Chapter G7-4 - Ground and Flight Tests - Multi Turbine Installations
G811	Issue 1	Health Monitoring

Special Conditions

EH101/1	Flight Manual Performance
EH101/2	External Radiation Threat
EH101/3	Lightning Protection, Indirect Effect
EH101/4	Wheel Brakes
EH101/5	Yaw Manoeuvre
EH101/6	Forward Speed
EH101/7	BirdStrike
EH101/8	Torching Flame Exemption

CERTIFICATION CATEGORY: Transport Category (Passenger)

PERFORMANCE CATEGORY: Category A

FLIGHT MANUAL: EC02X004W

ENGINE: General Electric GE CT7-6A : FAA TCDS E8NE

AUXILIARY POWER UNIT: Sundstrand T-62T-40C7EH
CAA Validation 9/80/ARS 500/C01/1-A of FAA TSO C-77(a) Authorisation and JAR-APU Change 2, Category 1 (Essential) Unit.

MAXIMUM WEIGHTS:

	Lb	Kg
Maximum Taxying weight	31,504	14,290
Maximum take-off weight	31,504	14,290
Maximum landing weight	31,504	14,290

DIMENSIONS:

	Ft	M
Length	74.8	22.8
Rotor diameter	61.0	18.6
Height	20.7	6.3

MINIMUM CREW: Two(2) Pilots

MAXIMUM OCCUPANTS/PASSENGERS: The maximum occupants including 2 pilots and 1 cabin attendant is 33 (thirty three).

OPERATING LIMITATIONS: The operating limitations are contained in Section 1 of the Approved Flight Manual.

MANDATORY MAINTENANCE INSTRUCTIONS: E.H. Industrie Document No. ED02P211J

NOISE: Noise Type Certificate No. 190.

Note: This certification is valid only for aircraft that are registered as civil aircraft within states that are contracted to the Convention on International Civil Aviation.

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