UNITED KINGDOM
CIVIL AVIATION AUTHORITY

FA49
Issue 2
November 2000
HARBIN Y12 (II)

TYPE CERTIFICATE DATA SHEET No. FA49

This data sheet is a part of CAA Type Certificate No. FA49 and gives the basis upon which the Certificate was issued, together with other information to define the product.

Aircraft Manufacturer:	Hafel Aviation Industry Co. Ltd 15 Youxie Street Harbin Heilongjiang Peoples Republic of China
Type to which the Certificate relates:	Harbin Y12 (II)

CERTIFICATE BASIS

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

CCAR 23, (Equivalent to FAR 23 and FAR 135 Appendix A)
Harbin Y12 II UK Additional Requirements for Certification in the Private or Transport Category Issue 1 dated 9 May 1990.

FLIGHT MANUAL

The limitations, recommended procedures and information required are contained in the Y12 (II) Pilot's Operating Handbook and CAA Approved Aircraft Flight Manual document Y12SJW7A.

AIRWORTHINESS CATEGORY

Transport Category (Passenger).

PERFORMANCE GROUP

Group C.

MINIMUM CREW

Two pilots.

MAXIMUM NUMBER OF OCCUPANTS

Nineteen including crew.

NOTE: The above is the maximum for the model and is limited by the number of seats available.

POWER UNITS

Two Pratt & Whitney of Canada Limited PT6A-27 engines each fitted with a Hartzell HC-B3TN-3B/T10173B-3 propeller.

FUEL CAPACITY

The capacity of the fuel tanks in Imperial gallons:

Tank	Usable	Unusable	Total
Left Hand Wing Right Hand Wing	174.8 174.8	2.8 2.8	177.6 177.6
Total	349.6	5.6	355.2

OIL CAPACITY

The capacity of each engine oil system is 1.92 Imperial gallons.

MAXIMUM WEIGHTS

Maximum take-off weight:	11 680 lb (5300 kg)
Maximum landing weight:	11 680 lb (5300 kg)
Maximum zero fuel weight:	10 360 lb (4700 kg)

NUMBER OF WHEELS AND MAXIMUM TYRE PRESSURES

Number of wheels	Three:	Single nose wheel and two single main wheels.
Maximum tyre pressure:	Nose wheels	49.7 lbf/in^2
	Main wheels	78.2 lbf/in^2

- END -