UNITED KINGDOM
CIVIL AVIATION AUTHORITY

FA 63
Issue 1
August 1995
HS 125 Series 1
HS125 Series 3
HS125 Series 400
HS125 Series 600
HS125 Series 700
BAe125 Series 800
BAe125 Series 1000
Hawker 800 Series
Hawker 1000 Series

TYPE CERTIFICATE DATA SHEET No. FA63

This data sheet which is part of CAA Type Certificate No. FA63 prescribes conditions and limitations under which the product, for which the type certificate was issued, meets the airworthiness requirements of the Civil Aviation Authority.

NOTE:*As a consequence of Type Certificate transfer from Raytheon Corporate Jets, Inc. to Raytheon Aircraft Company on 1st August 1995, Type Certificate number BA9 and its associated data sheet have been superseded by this document for control of 125 products imported into the United Kingdom.*

UK Certification from 1st August 1995 is based on FAA Certification together with compliance with UK Additional Requirements for Import (see page 2).

TYPE CERTIFICATE HOLDER:

BEECH AIRCRAFT CORPORATION
Also known as RAYTHEON AIRCRAFT COMPANY
9709 East Central
Wichita
Kansas 67206
United States of America

MANUFACTURER:

Up to and including Hawker 1000 Series, Raytheon Corporate Jets, Inc. and predecessor companies.
Hawker 800XP Raytheon Corporate Jets, Inc.

AIRCRAFT TYPE/ MODEL NUMBER(S):

HS 125 Series 1-521
HS 125 Series 1-522
HS125 Series 1/S-522
HS125 Series 1/R-522
HS125 Series 3/R
HS125 Series 3/RA
HS125 Series 3/RB
HS125 Series F3/RA
HS125 Series F3

Aircraft Type/Model Nos continued:

HS125 Series 400/1
HS125 Series 401
HS125 Series 402
HS125 Series 403
HS125 Series F400
HS125 Series 600/1
HS125 Series 600/2
HS125 Series 600/3
HS125 Series F600
Hawker 800XP

TYPE DESIGN DEFINITION:

HS125 Series 1	Document No. DO/AW/125/T.C.1
HS125 Series 3	Document No. DO/AW/125/T.C.1
HS125 Series 400	Document No. DO/AW/125/T.C.1
HS125 Series 600	Document No. DO/AW/125-600/T.C.1
HS 125 Series 700	Document No. DO/AW/125-700/ FAA/T.C.1
BAe125 Series 800	Document No. DO/AW/125-800/ FAA/T.C.1 (See Note 1)
BAe125 Series 1000	Document No. CJE-HPA-G-260-AW1660 (See Note 2)
Hawker 800	Document No. DO/AW/125-800/FAA/T.C.1
Hawker 1000	Document No. CJE-HPA-G-260-AW1660
Hawker 800XP	Document No.RAE-HSC-F-258-AW95000147

CERTIFICATION BASIS:

FAA certification basis as presented by FAA Type Certificate Data Sheet number A3EU together with UK Additional Requirements for Import.

CERTIFICATION CATEGORY:

Transport Category (Passenger)
Private Category

PERFORMANCE CATEGORY:

Group A

FLIGHT MANUAL:

HS125 Series	1	HS 1.1
HS125 Series	1	HS 1.2
	1-521	HS 1.2
	1-522	HS 1.3
	1S-522	HS 1.3
	1R-522	HS 1.3
HS125 Series	3	HS 1.3
	3/R	HS 1.3
	3/RA	HS 1.3
	3/RB	HS 1.3
	F3	HS 1.12
HS125 Series	400	HS 1.5
	400B/1	HS 1.5
	401	HS 1.5
	403	HS 1.5
	F400	HS 1.5

Flight Manual continued:

HS125 Series	600	HS 1.7
	600/1	HS 1.7
	600/2	HS 1.7
	600/3	HS 1.7
	F600	HS 1.8
HS125 Series	700	HS 1.8
BAe 125 Series	800	HS 1.15
BAe 125 Series	1000	HS 1.18
Hawker	800	HS 1.15
Hawker	1000	HS 1.18
Hawker	800XP	HS 1.21

ENGINE:

				Engine TCDS No.
HS125 Series	1	Two Bristol Siddley	Viper 520	1024
	1-521	Two Bristol Siddley	Viper 521	1025
	1-522	Two Bristol Siddley	Viper 522	1033
HS125 Series	3	Two Bristol Siddley	Viper 522	1033
	3/R	Two Bristol Siddley	Viper 522	1033
	3/RA	Two Bristol Siddley	Viper 522	1033
	3/RB	Two Bristol Siddley	Viper 522	1033
HS125 Series	400	Two Bristol Siddley	Viper 522	1033
	400/1	Two Bristol Siddley	Viper 522	1033
	401	Two Bristol Siddley	Viper 522	1033
	403	Two Bristol Siddley	Viper 522	1033
	F400	Two Garrett	TFE 731-3R-1H	E6WE
HS125 Series	600	Two Rolls Royce (Bristol Engine Division)	Viper 601	
	F600	Two Garrett AiResearch	TFE 731-3R-1H	E6WE
HS125 Series	700	Two Garrett AiResearch	TFE 731-3R-1H	E6WE
BAe 125 Series	800	Two Garrett Turbine Engine Co.	TFE 731-5R-1H	E6WE
BAe 125 Series	1000	Two Pratt & Whitney	PW305B	E35NE
Hawker	800	Two Garrett Turbine Engine Co.	TFE 731-5R-1H	E6WE
Hawker	1000	Two Pratt & Whitney	PW305B	E35NE
Hawker	800XP	Two Allied Signals Engines	TFE 731-5BR-1H	E6WE

MAXIMUM WEIGHTS:

	Series 1	**Model 1-521**	**Model 1-521 with modification 252022**
Maximum taxying weight	20,800 lb (9,434 kg)	21,200 lb (9,616 kg)	21,400 lb (9,707 kg)
Maximum take-off weight	20,500 lb (9,298 kg)	21,200 lb (9,616 kg)	21,200 lb (9,616 kg)
Maximum Landing weight	19,550 lb (8,868 kg)	19,550 lb (8,868 kg)	19,550 lb (8,868 kg)
Maximum zero fuel weight	13,000 lb (5,889 kg)	13,000 lb (5,889 kg)	13,200 lb (5,987 kg)

	Model 1-521 with Mod. 256423	**Model 1/S-522**	**Model 1/S-522 with Mod. 252022**
Maximum taxying weight	21,200 lb (9,616 kg)	21,200 lb (9,616 kg)	21,900 lb (9,934 kg)
Maximum take-off weight	19,500 lb (8,868 kg)	21,200 lb (9,616 kg)	21,700 lb(9,833 kg)
Maximum Landing weight	18,100 lb (8,210 kg)	19,500 lb (8,845 kg)	19,550 lb (8,868 kg)
Maximum zero fuel weight	13,000 lb (5,889 kg)	13,000 lb (5,889 kg)	13,700 lb (6,214 kg)

	Model 1/S-522 with Mods. 251302 & 251303	**Model 1/S-522 with Mods.251883 & 251867**	**Model 1/S-522& Series 3 with Mods 251700 & 255640**
Maximum taxying weight	21,200 lb (9,616 kg)	21,700 lb (9,833 kg)	22,300 lb (10,115 kg)
Maximum take-off weight	21,200 lb (9,616 kg)	21,700 lb (9,833 kg)	22,200 lb (10,069 kg)
Maximum Landing weight	20,000 lb (9,071kg)	19,550 (8,868 kg)	19,550 lb (8,868 kg)
Maximum zero fuel weight	13,500 lb (6,123kg)	13,500 lb (6,123 kg)	13,200 lb (5,987 kg)

	Series 3	**Series 3 with Mods. 251302 & 251314**	**Series 3 with modification 252022**
Maximum taxying weight	21,400 lb (9,707 kg)	21,700 lb (9,833 kg)	21,900 lb (9,934 kg)
Maximum take-off weight	21,200 lb (9,616 kg)	21,700 lb (9,833 kg)	21,700 lb (9,833 kg)
Maximum Landing weight	20,000 lb (9,071 kg)	20,000 lb (9,071 kg)	20,000 lb (9,071 kg)
Maximum zero fuel weight	13,500 lb (6,123 kg)	13,500 lb (6,123 kg)	13,700 lb (6,214 kg)

	Model 3R	**Model 3/RA**	**Model 3/RB**
Maximum taxying weight	22,800 lb (10,342 kg)	23,100 lb (10,478 kg)	23,300 lb (10,569 kg)
Maximum take-off weight	22,700 lb (10,296 kg)	22,800 lb (10,342 kg)	23,300 lb (10,569 kg)
Maximum Landing weight	20,000 lb (9,071 kg)	20,000 lb (9,071 kg)	20,000 lb (9,071 kg)
Maximum zero fuel weight	13,700 lb (6,214 kg)	14,200 lb (6,441 kg)	14,200 lb (6,441kg)

	Model F3	**Model F3 with Modification 259224**	**HS 125 Series 400**
Maximum taxying weight	21,900 lb (9,934 kg)	21,900 lb (9,934 kg)	23,300 lb (10,569 kg)
Maximum take-off weight	21,700 lb (9,833 kg)	21,700 lb (9,833 kg)	23,300 lb (10,569 kg)
Maximum Landing weight	20,000 lb (9,071 kg)	20,000 lb (9,071 kg)	20,000 lb (9,071 kg)
Maximum zero fuel weight	13,700 lb (6,214 kg)	13,800 lb (6,260 kg)	14,200 lb (6,441 kg)

	Model 401	**Models 403 and F400**	**HS 125 Series 600**
Maximum taxying weight	23,600 lb (10,705 kg)	23,800 lb (10,795 kg)	25,000 lb (11,340 kg)
Maximum take-off weight	23,600 lb (10,705 kg)	23,600 lb (10,705 kg)	25,000 lb (11,340 kg)
Maximum Landing weight	20,000 lb (9,071 kg)	20,000 lb (9,071 kg)	22,000 lb (9,979 kg)
Maximum zero fuel weight	14,500 lb (6,571 kg)	14,700 lb (6,668 kg)	15,550 lb (7,053 kg)

	HS 125 Series 600 with modification 252320	HS 125 Series 700 and variant model F600	HS 125 Series 700 with modification 258332
Maximum taxying weight	25,500 lb (11,567 kg)	25,000 lb (11,340 kg)	25,500 lb (11,567 kg)
Maximum take-off weight	25,500 lb (11,567 kg)	24,800 lb (11,249 kg)	25,500 lb (11,567 kg)
Maximum landing weight	22,000 lb (9,979 kg)	22,000 lb (9,979 kg)	22,000 lb (9,979 kg)
Maximum zero fuel weight	16,050 lb (7,280 kg)	16,050 lb (7,280 kg)	16,050 lb (7,280 kg)

	HS 125 Series 700 with modification 258825	BAe 125 Series 800	BAe 125 Series 800 with modification 253169A
Maximum taxying weight	25,000 lb (11,340 kg)	27,520 lb (12,483 kg)	27,520 lb (12,483 kg)
Maximum take-off weight	24,800 lb (11,249 kg)	27,400 lb (12,429 kg)	27,400 lb (12,429 kg)
Maximum Landing weight	22,000 lb (9,979 kg)	23,350 lb (10,592 kg)	23,350 lb (10,592 kg)
Maximum zero fuel weight	16,300 lb (7394 kg)	17,520 lb (7,947 kg)	18,000 lb (8,165 kg)

	BAe Series 800 with modification 259865A	Hawker 800 with modification 25B047A & 25B059A	Hawker 800XP
Maximum taxying weight	27,520 lb (12,483 kg)	26,866 lb (12,186 kg)	28,120lb (12,755 kg)
Maximum take-off weight	26,453 lb (11,999 kg)	26,866 lb (12,186 kg)	28,000lb (12701 kg)
Maximum Landing weight	23,350 lb (10,592 kg)	23,350 lb (10,592 kg)	23,350lb (10,592kg)
Maximum zero fuel weight	17,520 lb (7,947 kg)	18,450 lb (8,369 kg)	18,450lb (8369 kg)

	BAe 125 Series 1000	BAe 125 Series 1000 with modification 253379A
Maximum taxying weight	31,100 lb (14,107 kg)	31,100 lb (14,107 kg)
Maximum take-off weight	31,000 lb (14,062 kg)	31,000 lb (14,062 kg)
Maximum Landing weight	25,000 lb (11,340 kg)	25,000 lb (11,340 kg)
Maximum zero fuel weight	19,800 lb (8,981 kg)	20,300 lb (9,208 kg)

NUMBER OF WHEELS AND MAXIMUM TYRE PRESSURES

Number of wheels in the nose-wheel unit: 2

Number of main-wheel units: 2

Number of wheels in each main-wheel unit: 2

DIMENSIONS:

SERIES 1, 3 and 400	Ft	M
Length	47ft 5in	14.45
Wingspan	47 ft	14.33
Height	16ft 6in	5.03
Wing area	353ft^2	32.8

SERIES 600	Ft	M
Length	50ft 5.75in	15.39
Wingspan	47 ft	14.33
Height	17ft 3in	5.26
Wing area	353ft^2	32.80

Dimensions cont'd

SERIES 700	Ft	M
Length	50ft 8.55in	15.46
Wingspan	47 ft	14.33
Height	17ft 7in	5.36
Wing area	353ft^2	32.8

SERIES 800 and 800XP	Ft	M
Length	51ft 1.64in	15.59
Wingspan	51ft 4.5in	15.66
Height	17ft 5in	5.31
Wing area	374ft^2	34.75

SERIES 1000	Ft	M
Length	53ft 10.64in	16.43
Wingspan	51ft 4.5in	15.66
Height	17ft 1in	5.21
Wing area	374ft^2	34.75

MINIMUM CREW:

HS 125 Series 400
HS 125 Series 600
HS 125 Series 700
& variants

The minimum flight crew is two, consisting of one pilot and one other person holding a flight crew licence. This other person is required to operate the emergency MANUAL CABIN ALTITUDE CONTROL which is not accessible to the pilot. For flights within controlled airspace, this other person shall hold a Private Pilot's Licence or a Commercial Pilot's Licence or a Senior Commercial Pilot's Licence or an Airline Transport Pilot's Licence or a Flight Navigator's Licence, together with a Flight Radio Telegraphy or Telephony Operator's Licence.

BAe 125 Series 800 — The minimum flight crew is two pilots.

BAe 125 Series 1000 — The minimum flight crew is two pilots.

Hawker 800XP — The minimum flight crew is two pilots.

MAXIMUM OCCUPANTS/PASSENGERS:

Number of persons, including crew, for the HS 125 Series 600, the variant model F600, the HS 125 Series 700, the BAe 125 Series 800, BAe 125 Series 1000 and Hawker 800XP is not to exceed 17.

Number of persons, including crew, for the HS 125 Series 400 and the variant models 401, 403 and F400 is not to exceed 11.

OPERATING LIMITATIONS: See associated Airplane Flight Manuals

MANDATORY MAINTENANCE INSTRUCTIONS: See related Maintenance Manual references

NOISE:

Series 1	CAA Noise Type Certificate
1	29
1R	28
1/S - 522	27
1/R-522	26
1-522	24
3	23
3/RA	25
3/RC	21
400	19
F400, F3/RA	20
403	22
600	1 & 2
F600	18 & 88
700	16 & 84
800	63
1000	146

NOTE 1: Where the designation BAe 125 Series 800 is referenced in this document the designation Hawker 800 equally applies.

NOTE 2: Where the designation BAe 125 Series 1000 is referenced in this document the designation Hawker 1000 equally applies.

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