BUSINESS JETS AND TURBOPROPS

British Aerospace HS.125-800

BUSINESS JET POPULATION

Corvette
Boeing (all types)
BAe One-Eleven
Challenger
Cessna Citation
Dassault Falcon
OC-8/DC-9/DC-10
Fokker F.28
Gulfstream ll/lll
HS.126
Westwind
Learjet
Jetstar
Hansa Jet
Diamond
Paris Jet
Sabrehner
Caravelle
Other types
Total

Source: Aviation Data Service, Wichita

37
112
43
87

1,141
699
18
14
346
491
237

1,332
171
23
69
17
403
8
88

5,336
Kansas.

TURBOFANS/JETS (up to 30.000lb)

Type

Engine

British Aersopace HS.125-800
2x4,300lbTFE731-5R-1H

Cessna Citation I
2x2,200lb PWAC JT15D-1A
Citation S-ll
2x2,500lb PWAC JT15D-4
Citation III
2x3,650lb Garrett TFE731-3

Dassault Falcon 100
2x3,230lb Garrett TFE731-2

Gates Learjet 25D
2x5,900lbGECJ610-8A
25G

2x5,900lbGECJ610-8A
35A

2x7,000lb Garrett TFE731-2
36 A

2x7,000lb Garrett TFE731-2
5 5

2x7,400lb Garrett TFE731-3
55ER
2x7,400lb Garrett TFE731-3
55LR
2x7,400lb Garrett TFE731-3

Israel Aircraft Westwind 1
2x3,7001b Garrett TFE731-3-1G
Westwind 2
2x3,700lb Garrett TFE731-3-1G
Astra
2x3,650lb Garrett TFE731-3B

Mitsubishi Diamond IA
2x2,5001b PWAC JT15D-4D

Cabin

Width

6-1

size (ft)

Height

5 75

Pass-
— engers

5-12

Weights
Normal
empty

15,000
15,000lb is operating empty weight

4 9

Empty
4 9

Empty
5-7

Empty

5-1

Range

4- 9

4 9

4 9

4 9

5 9

5 9

5 9

4 8

4 8

4 8

4- 9

TURBOFAN/JETS (more than 30.0001b)

Boeing 737-200C executive
2x16,000lb P&W JT8D-17A

Canadair Challenger 600
2x7,500lb Lycoming ALF502H
Challenger 601
2x9,140lbGECF34-1A

Dassault Falcon 50
3x3,700lb Garrett TFE731-3
Falcon 200
2x5,200lb Garrett ATF3-6A-4C

Gulfstream American Gill
2x11,4001b R.R. Spey 511-8

11-6

43 3

weight
4 8

weight
5 8

5-6 6,926

(lb)

Max
fuel

10,000

3,780

Max
take-off

27,400

11,850

Max

landing

23,350

11,350
ncludes thrust reverser. Range is at 7,326lb bow.
7-8 8,475 5,638 14,300 13,600
ncludes thrust reverser. Range is at 8,475lb b.o.w. Fuel
8-9
wt. includes thrust

4 75 4-8

12,419 7,384
reverser. Range is at

11,145
s with four passengers.

4 3

4 3

4 3

4 3

5-7

5-7

5 7

4- 9

4 9

5-6

4 8

7-2

8

8

8

6

8

8

7

7-10

7-10

6-9

7-9

20-24

7,950

8,250

9,571

9,570

12,130

12,194

12,306

12,400

12,850

12,270

9,010

65,250

5,910

6,098

6,594

6,238

7,440

6,707

7,049

7,707

8,710

9,580

9,270

4,260

17,400

21,000
12,8191b b

19,300

15,000

16,300

18,300

18,300

21,000

21,000

21.000

22,850

23,500

23,500

14,630

128,100

17,000

Cruise speeds

Max

(kt)

40 0

35 7

40 3

Long-
range
40 3

32 2

37 4

Balanced
- field
length
(ft)
5,400

2,930

3,650
wt. is at 6-75lb/US gal.
47 2
o.w. Fuel wt. is at

17,640

13,300

13,700

15,300

15,300

17,000

17,000

17,000

19,000

19,000

20,700

13,200

107,000

49 0

45 9

46 4

46 0

46 0

45 5

45 5

45 5

47 0

47 2

48 8

43 4

49 0

40 3 4,710
6-75lb/US gal. Price is

43 0

42 0

42 4

42 0

42 0

42 0

42 0

42 0

40 0

40 0

42 4

37 5

42 0

65,250 is operating empty weight with standard fuel. Range is with 2,500lb payload. 8 2

8 2

6-1

6 1

6-1

5 9
Price assumes
5 9 5 6
Price assumes

7 0 6-1

8-19

8-19

8-12

18,520

19,960

20,170

14,900

16,725

15,520

41,100

42,100

38,800

36,000

36,000

35,715
factory completion. Range is with eight passengers.
8-12 18,190 10,620 32,000 28,880
factory completion. Range is with eight passengers.

14-19 38,000
38,000lb is typical empty operating

28,300
weight.

69,700 58,500

45 9

45 9

47 5

47 0

50 1

40 1

42 4

43 0

42 0

44 2

5,630

3,937

5,148

4,224

4,972

5,318

5,318

5,318

5,250

4,950

4,950

3,850

6,390

5,700

5,150

4,700

5,200

5,850

Range
(max/
n.m.)

3,000

1,380

1,993

2,547
1983.

1,880

1,431

1,800

2,289

2,708

2,296

2,406

2,581

2,440

2,905

3,230

1,510

2,845

2,800

3,500

3,520

2,520

3,735

Price
(US$)

6,550,000

1,895,000

2,595,000

5,734,865

4,350,000

On request

On request

On request

On request

On request

On request

On request

3,695,000

4,349,000

5,995,000

2,550,000

18,000,000

On request

On request

10,950,000

8,850,000

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FLIGHT International, 19 November 1983 1373