

BAe 146 300QT

United Kingdom

Aircraft variants

100QT	26 m (85' 11") long
200QT	28.3 m (93' 10") long
RJ 70, 85 & 100	The RJ series has improved avionics and uprated engines

Noise levels (EPNdb) AlliedSignal ALF502R-5 engines

Take off	86.5
Sideline	86.7
Approach	95.6

General dimensions

Wingspan	26.3 m (86' 5")
Length	31 m (101' 8")
Height	8.5 m (28' 2")

Freight deck/cabin dimensions

Length	20.72 m (68')
Max width	3 m (9' 10")
Width at floor	N/A
Height	2.5 m (8' 3")
Volume	70.1 m ³ (2 475 ft ³)

Freight door dimensions

Nose	3.3 m x 1.97 m (10' 11" x 6' 4")
Forward	1.33 m x 1.1 m (4' 5" x 3' 7")
Aft	0.91 m x 1 m (3' x 3' 5")
Bulk A	N/A
Bulk B	N/A
Ramp	N/A

Weights

EOW	23 782 kg (52 430 lb)
MZF	35 830 kg (79 000 lb)
MTOW	44 225 kg (97 500 lb)
MLW	40 143 kg (88 500 lb)



Operating data

Max cruise speed	428 kts (493 mph) 797 kph
Fuel capacity	12 895 litres (2 836 gal) 3 406 US gal
Fuel burn p/h	2 000 kg (4 409 lb)
Runway required T/O	1 050 m (3 445') sea level, ISA @ MTOW
Runway required Ldg	1 099 m (3 605') sea level, ISA @ MLW

Short/medium range freighter

4 turbofans • First flight 1981



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Payload

12 490 kg (27 535 lb)

Freight deck can accommodate 7 88" x 108" and 7 88" x 53" containers

Bulk volume: 18.3 m³ (645 ft³)

Additional information

- Low noise signature
- Excellent short-field characteristics allow the aircraft to operate into small, restricted airports