

# 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 <sup>3</sup> (2 475 ft <sup>3</sup> )

## 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 m<sup>3</sup> (645 ft<sup>3</sup>)

## Additional information

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