

BOEING 707-320C (Freighter)

USA

Aircraft variants

707-320C Convertible or Freighter

Noise levels (EPNdb) JT3D-3B engines

Take off	99.5
Sideline	98.2
Approach	102.9

General dimensions

Wingspan	44.42 m (145' 9")
Length	46.61 m (152' 11")
Height	12.7 m (41' 8")

Freight deck/cabin dimensions

Length	35 m (114')
Max width	3.1 m (10')
Width at floor	N/A
Height	2.2 m (7')
Volume	162 m ³ (5 720 ft ³)

Freight door dimensions

Nose	3.4 m x 2.31 m (11' 2" x 7' 6 1/2")
Forward	1.22 m x 1.27 m (4' x 4' 2")
Aft	1.22m x 1.24 m (4' x 4' 1")
Bulk A	0.76 m x 0.89 m (2' 6" x 2' 11")
Bulk B	N/A
Ramp	N/A

Weights

EOW	61 500 kg (135 500 lb)
MZF	104 400 kg (230 000 lb)
MTOW	151 500 kg (336 600 lb)
MLW	112 100 kg (247 000 lb)



Operating data

Max cruise speed	526 kts (605 mph) 974 kph @ 7 620 (25 000 lb)
Fuel capacity	90 290 litres (19 861 gal) 23 855 US gal
Fuel burn p/h	5 800 kg (12 787 lb)
Runway required T/O	3 450 m (11 318') MTOW @ sea level
Runway required Ldg	1 905 m (6 250') MLW @ sea level

Long range freighter

4 turbojets/turbofans • First flight 1957



Payload

42 900 kg (94 500 lb)

Maximum cargo capacity of 277 m³ (9 785 ft³)

Up to 13 pallets/containers can be carried on the main freight deck

Additional information

- All 707 aircraft wishing to operate in the USA or Western Europe must be engineered or hush-kitted to comply with Chapter 3 noise regulations
- Very active in the African markets moving cargo to intermediate staging posts for transfer to more modern aircraft
- Most of the combis have now been converted to full freighters