

# BOEING (McDonnell Douglas) DC-9-33F

USA

## Aircraft variants

DC-9-15	Freighter
DC-9-15 MC	Multiple Change
DC-9-15 RC	Rapid Change
DC-9-32 LWF	Lightweight Freighter
DC-9-32 CF	Convertible Freighter
DC-9-32 AF	All Freight

## Noise levels (EPNdb)

Take off	90.3
Sideline	95.9
Approach	96.0

## General dimensions

Wingspan	28.44 m (93' 3 1/2")
Length	36.36 m (139' 3 1/2")
Height	8.38 m (27' 6")

## Freight deck/cabin dimensions

Length	20.43 m (67')
Max width	N/A
Width at floor	2.92 m (9' 6")
Height	2.1 m (7')
Volume	93.5 m <sup>3</sup> (3 300 ft <sup>3</sup> )

## Freight door dimensions

Main	3.42 m x 2.18 m (11' 3" x 7' 2")
Forward	1.35 m x 0.8 m (4' 5" x 2' 7 1/2")
Aft	0.91 m x 0.76 m (3' 0" x 2' 6")
Bulk A	N/A
Bulk B	N/A
Ramp	N/A

## Weights

EOW	25 596 kg (56 430 lb)
MZF	40 823 kg (90 000 lb)
MTOW	48 988 kg (108 000 lb)
MLW	44 906 kg (99 000 lb)



## Operating data

Max cruise speed	486 kts (559 mph) 900 kph
Fuel capacity	11 181 kg (24 649 lb)
Fuel burn p/h	3 500 litres (780 gal) 925 US gal
Runway required T/O	2 271 m (7 450')
Runway required Ldg	1 500 m (4 920')

# Short/medium range freighter

2 turbofans • First flight 1965



## Payload

14 670 kg (32 350 lb)

Main deck can carry 2 54" x 88" pallets and 8 88" x 108" pallets

Lower deck bulk volume of 25.3 m<sup>3</sup> (895 ft<sup>3</sup>)

Total cargo volume 118.8 m<sup>3</sup> (4 195 ft<sup>3</sup>)

## Additional information

- DC-9-15 MC has fold-down seats
- DC-9-15 RC has palletised seats
- Both the MC and RC have 3.4 m x 2 m (11' 4" x 6' 8") cargo door forward of the port wing as well as a strengthened floor
- DC-9-32 LWF has no main deck cargo door or strengthened floor, but is equipped with a modified floor to allow carriage of small and lightweight packages
- DC-9-32 AF and -32 CF have same size cargo door as -15 MC and -15 RC
- All DC-9s are Chapter 2 aircraft but many have been hush-kitted to bring them up to Chapter 3 compliance