

LOCKHEED L-188 Electra

USA

Aircraft variants

L-188A	Suited to US domestic flights
L-188C	Longer range version with improved payload range performance

Noise levels (EPNdb)

Take off	-
Sideline	-
Approach	-

General dimensions

Wingspan	30.1 m (99')
Length	31.85 m (104 6")
Height	10 m (32' 1")

Freight deck/cabin dimensions

Length	19.81 m (65')
Max width	2.74 m (9')
Width at floor	-
Height	1.82 m (6')
Volume	104.7 m ³ (3 700 ft ³)

Freight door dimensions

Main	3.56 m x 1.98 m (11' 8" x 6' 6")
Forward	N/A
Aft	N/A
Bulk A	1.4 m x 0.78 m (4' 6" x 2' 6")
Bulk B	1.4 m x 0.78 m (4' 6" x 2' 6")
Ramp	N/A

Weights

EOW	27 895 kg (61 500 lb)
MZF	39 009 kg (86 000 lb)
MTOW	52 617 kg (116 000 lb)
MLW	43 386 kg (95 650 lb)



Operating data

Max cruise speed	323 kts (372 mph) 599 kph
Fuel capacity	20 895 litres (4 596 gal) 5 520 US gal
Fuel burn p/h	2 000 kg (4 409 lb)
Runway required T/O	1 425 m (4 674')
Runway required Ldg	1 274 m (4 180')

Medium range freighter

4 turboprops • First flight 1956



Payload

Maximum: 14 520 kg (32 000 lb)

8 positions for 88" x 108" pallets or containers with a maximum floor loading of 2 900 kg (6 500 lb) per position

Additional information

- Two cargo door sizes fitted to Electra
- The 'hard deck' optional configuration for bulk loading has a volume of 104.77 m³ (3 700 ft³)
- Can operate from paved or unpaved runways
- Very popular with overnight freight carriers due to its big load and low noise signature