

LOCKHEED L-100 Hercules

USA

Aircraft variants

L-100 and L-100-30 Based on military C-130H and C-130H-30 respectively.

L-100-20 Stretched version of C-130J-30

L-100-200 Model 382E is a civilian variant of the C-130E

Noise levels (EPNdb)

Take off 94.8

Sideline 96.7

Approach 98.1

General dimensions

Wingspan 40.41 m (132' 7")

Length 34.36 m (112' 9")

Height 11.61 m (38' 1")

Freight deck/cabin dimensions

Length 16.74 m (55')

Length inc. ramp 19.89 m (65.3')

Max width 3.13 m (10' 3")

Width between wheels 3.03 m (9' 11½")

Height 2.74 m (9')

Volume 170.5 m³ (6 021 ft³)

Freight door dimensions

Main N/A

Forward N/A

Aft N/A

Bulk A N/A

Bulk B N/A

Ramp 3.12 m wide x 3.15 m long
(123" x 124") plus upper door

Weights

EOW 36 356 kg (80 152 lb)

MZF 54 042 kg (119 142 lb)

MTOW 79 379 kg (175 000 lb)

MLW 70 307 kg (155 000 lb)



Operating data

Max cruise speed 348 kts (401 mph) 645 kph

Fuel capacity 25 551 litres (5 620 gal) 6 750 US gal

Fuel burn p/h 2 495 kg (5 500 lb)

Runway required T/O Normal: 1 003 m (3 290') Minimum: 778 m (2 550')

Runway required Ldg 427 m (1 400')

Medium/long range freighter

4 turboprops • First flight 1954



Payload

Maximum: 17 831 kg (39 311 lb)

Pallets, containers or bulk cargo can be carried

Can airdrop loads of 19 051 kg (42 000 lb)

Maximum ramp load in flight is 2 268 kg (5 000 lb)

Additional information

- Over 40 different models and variants of the Hercules aircraft are estimated to be in operation in more than 50 countries.
- Ramp can be opened to any angle; has a 11.5° slope when fully lowered
- Ramp allows straight-in loading to maximum length of cabin. Bonus length available over ramp when closed
- Good rough/short field performance. Airport limits: runway LCN 37 asphalt, LCN 42 concrete
- 7.5 psi cabin differential
- Mechanical dual-rail cargo handling systems for pallets or containers
- Portable electric winch of 1 814 kg (4 000 lb) capacity
- 2 snatch block pulleys
- D-ring tie down points on: floor 4 536 (10 000 lb) capacity; side of floor 11 340 kg (25 000 lb); on side of fuselage and ramp 2 267 (5 000 lb)
- 305 tie down rings in total