



1962 Lockheed C-130E

AIRCRAFT SPECIFICATIONS

Aircraft: C-310E, 62-1859

ENGNIE	TSN	TSO	TIME REMAINING
1	9654	1419	4490
2	34030	0:00	5937
3	10075	642	5268
4	10779	3000	2909.8

Propeller: Hamilton Sundrand 54H60-117 Propeller

ENGNIE	TSN	TSO	TIME REMAINING
1	6945.8	1944.8	2965.2
2	15244.1	1242.9	3677
3	0	20	4890
4	11834	3401	1512.6

Landing Gear: Overhaul due July 3rd, 2025

Last Home Station Check: Completed October 21st, 2015

Last Isochronal Inspection: Completed December 29th, 2015

Last PDM: Completed March 5th, 2016

*****ALL INSPECTIONS COMPLETED IN ACCORDANCE WITH USAF SERIES 1C-130A
WORK CARDS AND TECHNICAL DATA**

AVIONICS HIGHLIGHTS

Integrated Computer Display Unit (ICDU)

ARC-164V **UHF** / ARC-190V **HF** / ARC-186 **VHF** Radios

Lockheed Digital Flight Data Recorder

APX – 119 **IFF** R/T

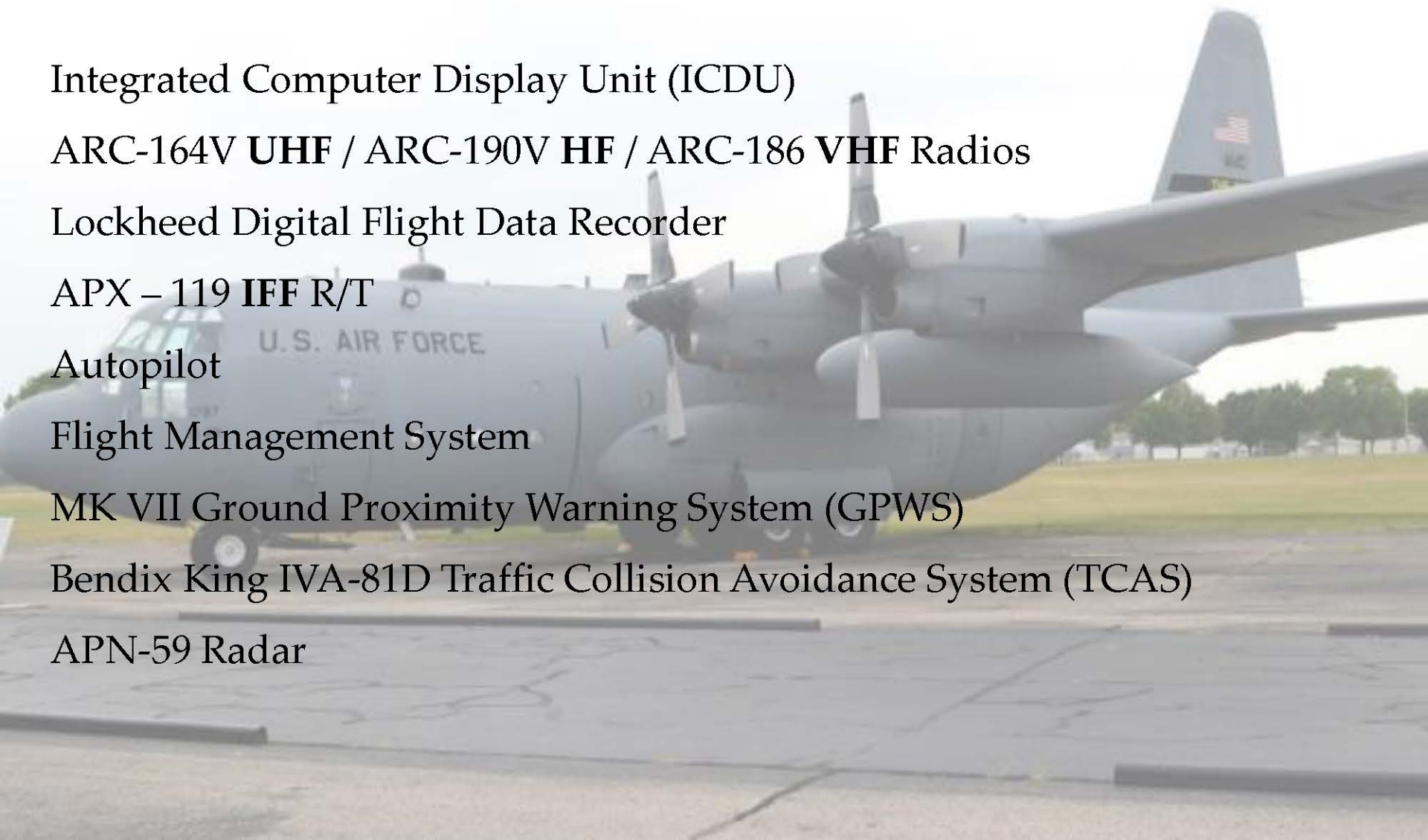
Autopilot

Flight Management System

MK VII Ground Proximity Warning System (GPWS)

Bendix King IVA-81D Traffic Collision Avoidance System (TCAS)

APN-59 Radar



GENERAL CHARACTERISTICS & CAPACITY

Crew: five (two pilots, navigator, flight engineer and loadmaster)

Capacity: C-130E cargo hold: length, 40 ft (12.19 m); width, 119 in (3.02 m); height, 9 ft (2.74 m). Rear ramp: length, 123 in (3.12 m); width, 119 in (3.02 m) 92 passengers or 64 airborne troops or 74 litter patients with 5 medical crew; or 6 pallets or 2–3 Humvees; or 2 M113 armored personnel carriers 1 CAESAR self-propelled howitzer Payload: 45,000 lb (20,400 kg).

Length: 97 ft 9 in (29.8 m)

Wingspan: 132 ft 7 in (40.4 m)

Height: 38 ft 3 in (11.6 m)

Wing area: 1,745 ft² (162.1 m²)

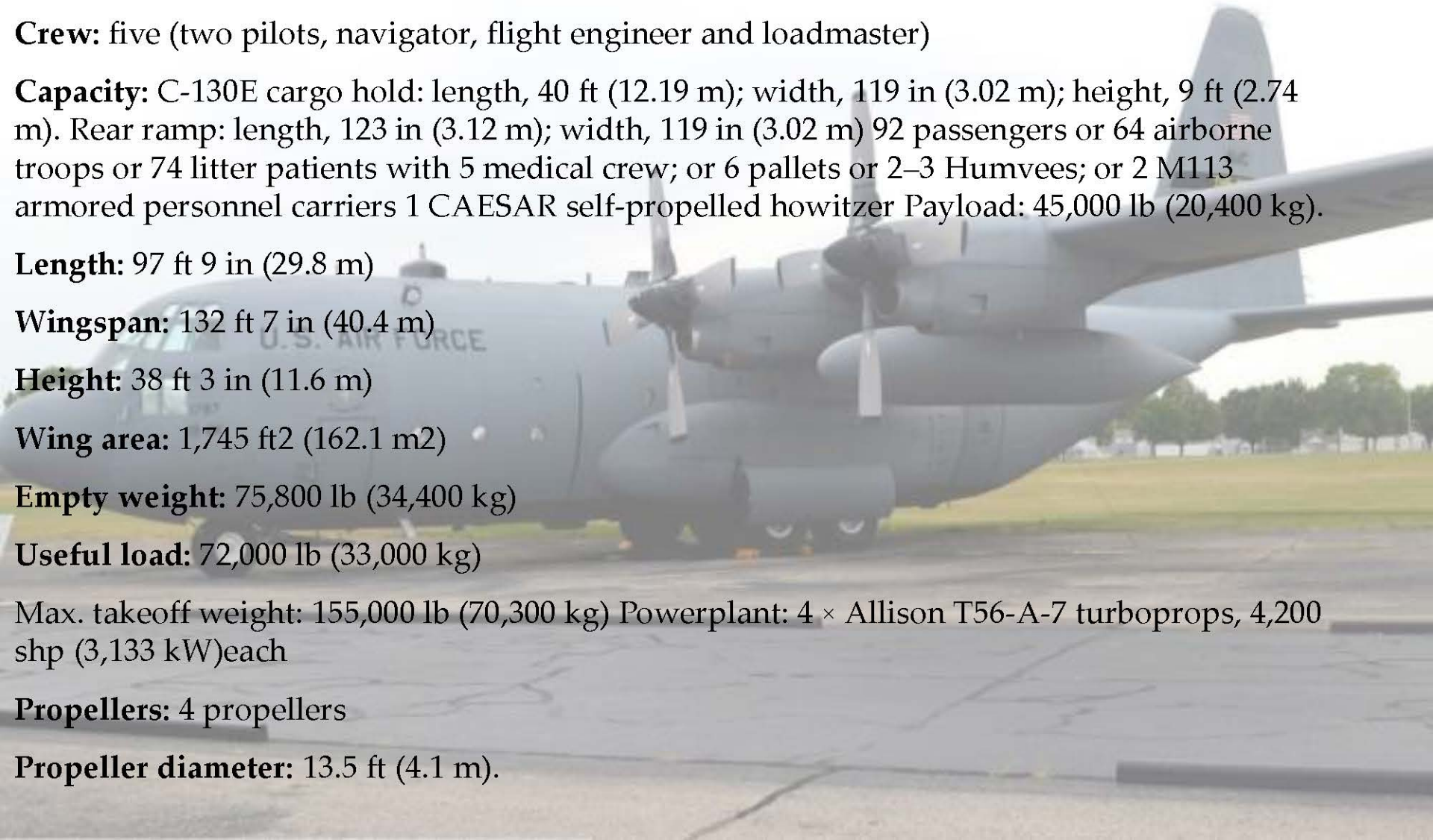
Empty weight: 75,800 lb (34,400 kg)

Useful load: 72,000 lb (33,000 kg)

Max. takeoff weight: 155,000 lb (70,300 kg) **Powerplant:** 4 × Allison T56-A-7 turboprops, 4,200 shp (3,133 kW) each

Propellers: 4 propellers

Propeller diameter: 13.5 ft (4.1 m).



PERFORMANCE



Maximum Speed:	320 Knots (366 mph, 592 km/h) at 20,000 ft (6,060 m)
Cruise Speed:	292 kts (336 mph, 540 km/h)
Range:	2,050 nmi (2,360 mi, 3,800 km)
Service Ceiling:	33,000 ft (10,060 m) empty; ^[91] 23,000 ft (7,077 m) with 42,000 lb payload (19,090 kg)
Rate of Climb:	1,830 ft/min (9.3 m/s)
Takeoff Distance:	3,586 ft (1,093 m) at 155,000 lb (70,300 kg) max gross weight; ^[90] 1,400 ft (427 m) at 80,000 lb (36,300 kg) gross weight ^[92]



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