**General Characteristics**  
**Primary Function:** Close air support and air interdiction with associated collateral missions  
**Contractor:** Lockheed Martin  
**Power Plant:** Four Rolls-Royce AE 2100D3 Turboprops  
**Thrust:** 4,700 shaft horsepower per engine  
**Speed:** 362 knots  
**Ceiling:** 28,000 feet  
**Maximum Takeoff Weight:** 164,000 lbs  
**Range:** 3,000 miles; limited by crew duty day with air refueling  
**Wingspan:** 132 feet 7 inches (39.7 meters)  
**Length:** 97 feet 9 inches (29.3 meters)  
**Height:** 39 feet 2 inches (11.9 meters)  
**Crew:** Two pilots, one combat systems officers, one weapon system operator, one sensor operator and four special mission aviators  
**Armament:** Precision Strike Package with 30mm and 105mm cannons and Standoff Precision Guided Munitions (i.e. GBU-39 Small Diameter Bomb, GBU-69 Small Glide Munition, AGM-114 Hellfire missile and AGM-176 Griffin missile)  
**Date Deployed:** July 2019  
**Unit Cost:** $165 million  
**Inventory:** Active duty, 37 by FY24

Specifications (AC-130)[[edit](https://en.wikipedia.org/w/index.php?title=Lockheed_AC-130&action=edit&section=18)]

[A drawing of a plane

Description automatically generated](https://en.wikipedia.org/wiki/File:Lockheed_Martin_AC-130U_Line_Drawing.svg)[A plane flying in the sky

Description automatically generated](https://en.wikipedia.org/wiki/File:AC-130U_training.jpg)AC-130U Spooky

*Data from* USAF AC-130U Fact Sheet,[[2]](https://en.wikipedia.org/wiki/Lockheed_AC-130#cite_note-AF_factsht_AC-130U_2021-2) AC-130J Fact Sheet[[4]](https://en.wikipedia.org/wiki/Lockheed_AC-130#cite_note-AC-130J_factsht_2021-4)

**General characteristics**

* **Crew:** 7
  + **Officers:** 4 (Two Pilots, Two Combat Systems Officers)
  + **Enlisted:** 3 (Special Mission Aviators)
* **Length:** 97 ft 9 in (29.79 m)
* **Wingspan:** 132 ft 7 in (40.41 m)
* **Height:** 38 ft 6 in (11.73 m)
* **Wing area:** 1,745.5 sq ft (162.16 m2)
* **Max takeoff weight:** 155,000 lb (70,307 kg)
* **Powerplant:** 4 × [Allison T56](https://en.wikipedia.org/wiki/Allison_T56)-A-15 [turboprop](https://en.wikipedia.org/wiki/Turboprop) engine, 4,300 shp (3,200 kW) each (AC-130U)
* **Powerplant:** 4 × [Rolls-Royce AE 2100D3](https://en.wikipedia.org/wiki/Rolls-Royce_AE_2100D3) , 4,700 shp (3,500 kW) each (AC-130J)
* **Propellers:** 6-bladed Dowty R391 featuring ARA-D/A airfoils

**Performance**

* **Maximum speed:** 362 kn (416 mph, 669 km/h)
* **Service ceiling:** 39,000 ft (12,000 m)