

C-130J Super Hercules

Program Status and Fast Facts

Program Status

[▶ Watch](#) *One Aircraft, Many Missions*



Super Hercules Advantages

The C-130J Super Hercules provides significant performance improvements and added operational capabilities that translate directly into increased ground and air combat effectiveness. Some of these attributes include the ability to:

- Operate out of 2,000 ft. long dirt strips in high mountain ranges.
- Carry tons of supplies more than 3,000 miles and deliver “the last mile” to remote operating bases, keeping trucks off dangerous highways.
- Perform in-flight refueling, ground fueling, weather reconnaissance, electronic warfare, medical evacuation, search and rescue, paradrop, maritime mission, special operations and many other missions.
- Generate much greater operational efficiencies. The C-130J outperforms older C-130s in combat operations by at least a 2:1 margin.
- Operate with only two pilots and one loadmaster for most missions, exposing fewer flight crew members to potential combat threats.
- Demonstrate reliability that far exceeds most other military aircraft with average mission capable rates routinely in the 80-to-90% range.

One Aircraft, Many Capabilities

- Air Drop
- Intelligence, Surveillance & Reconnaissance
- Humanitarian
- Combat Delivery
- Aeromedical
- Electronic Surveillance Communication
- Aerial Refueling
- Search & Rescue
- Commercial Freighter
- Aerial Firefighting
- Personnel Recovery
- Weather Reconnaissance
- Gunship
- Maritime Surveillance
- Special Passenger Accommodations
- Special Ops
- Personnel Transport
- Ground Refueling

Super Hercules Operators

Australia Royal Australian Air Force C-130J-30s	Bahrain Royal Bahraini Air Force C-130Js	Bangladesh Bangladesh Air Force C-130Js	Canada Royal Canadian Air Force C-130J-30s	Denmark Royal Danish Air Force C-130J-30s	France Armée de l'Air C-130J-30s/KC-130Js	Germany Luftwaffe C-130J-30s/KC-130Js*	India Indian Air Force C-130J-30s
Indonesia Indonesian Air Force C-130J-30s*	Iraq Iraqi Air Force C-130J-30s	Israel Israeli Air Force C-130J-30s	Italy Aeronautica Militare C-130J-30s/KC-130Js	South Korea Republic of Korea Air Force C-130J-30s	Kuwait Kuwait Air Force KC-130Js	New Zealand Royal New Zealand Air Force C-130J-30s *	Norway Royal Norwegian Air Force C-130J-30s
Oman Royal Air Force of Oman and Royal Flight of Oman C-130J-30s	Qatar Qatari Air Force C-130J-30s	Kingdom of Saudi Arabia Royal Saudi Air Force KC-130Js	Tunisia Tunisian Air Force C-130J-30s	United Kingdom Royal Air Force C-130J-30s	United States Air Force, Marine Corps and Coast Guard 7 Variants	Pallas Aviation LM-100Js*	

*Aircraft yet to deliver

Comprehensive Support Solutions

- 24/7 dedicated support through the Lockheed Martin Customer Support Center
- Integrated in-person support provided by Field Service representatives and Logistics Supply representatives, as well as Deployable Contract Maintenance teams
- Virtual, real-time support capabilities to provide immediate insights
- Access to 13 OEM-certified Hercules Service and Heavy Maintenance Centers around the world that provide scheduled maintenance, aircraft depot level maintenance modification and overhaul support
- Pilot and loadmaster training available through the Hercules Training Center
- Ongoing enhancements available through the OEM Aeronautics Capabilities Solution portfolio
- Robust data analytics resources to determine right mix of spares inventory
- Annual industry Hercules Operators Conference provides industry and operator collaboration

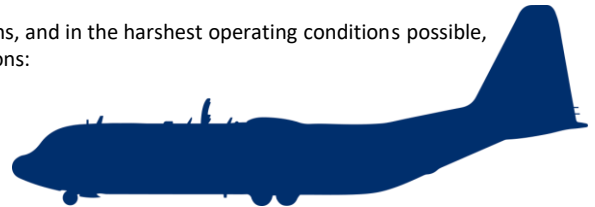


C-130J Production Variants

This tactical transport aircraft has already proven itself in many kinds of missions, and in the harshest operating conditions possible, thanks to its uniquely adaptable platform available in the following configurations:

Current Production Variants

- C-130J and the longer fuselage C-130J-30 for combat delivery
- KC-130J for aerial and ground refueling
- LM-100J civil-certified multi-purpose air freighter
- MC-130J for special operations; aerial and ground refueling
- HC-130J for search and rescue/special operation support missions; aerial and ground refueling (U.S. Air Force variant)
- HC-130J for search and rescue/special operation support missions (U.S. Coast Guard variant)






Previously Delivered Variants

- WC-130J for weather reconnaissance
- EC-130J for electronic warfare

Future Variants & Aircraft Modifications

- C-130J-SOF for international Special Operations Forces missions
- LM-100J FireHerc, an FAA-certified air tanker
- Maritime Patrol roll-on/roll-off kit

C-130J Specs	C-130J-30 	KC-130J 	LM-100J 
Length	112 ft 9 in/34.37 m	97 ft 9 in/29.79 m	112 ft 9 in/34.37 m
Height	38 ft 10 in/11.84 m	38 ft 10 in/11.84 m	38 ft 10 in/11.84 m
Wingspan	132 ft 7 in/40.41 m	132 ft 7 in/40.41 m	132 ft 7 in/40.41 m
Powerplant	Four Rolls-Royce AE 2100D3 engines; GE-Dowty Aerospace R391 6-blade propellers, all composite	Four Rolls-Royce AE 2100D3 engines; GE-Dowty Aerospace R391 6-blade propellers, all composite	Four Rolls-Royce AE 2100D3 engines; GE-Dowty Aerospace R391 6-blade propellers, all composite
Maximum take-off weight	164,000 lb/74,389 kg	164,000 lb/74,389 kg	164,000 lb/74,389 kg
Maximum payload*	46,700 lb/21,183 kg	47,000 lb/21,319 kg	47,000 lb/21,319 kg
Operating weight empty	88,252 lb/40,030 kg	87,961 lb/39,898 kg	80,350 lb/36,446 kg
Zero fuel weight**	129,000 lb/58,513 kg	128,500 lb/58,287 kg	124,000 lb/56,245 kg
Landing Distance (135,000 lb)	3,000 ft/914 m	3,200 ft/975 m	2,830 ft/863 m
Range (40,000 lb payload)	2,160 nm/4,000 km	1,980 nm/3,667 km	2,300 nm/4,260 km
Maximum Cruise Speed	365 KTAS/675 km/hr	365 KTAS/675 km/hr	360 KTAS/667 km/hr

* Assumes wing relieving fuel

** Higher zero fuel weight allowable with wing relieving fuel