



C-130J Super Hercules

Program Status and Fast Facts

Program Status



Flight Hours
2,000,000
...and counting



[▶ 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

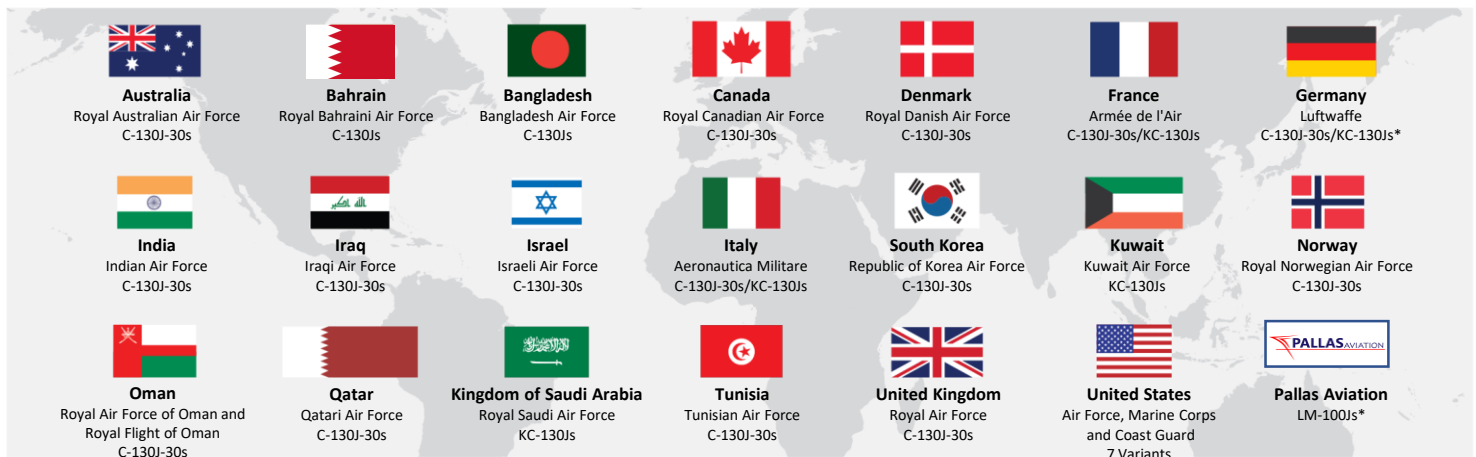


Personnel
Transport



Ground
Refueling

Super Hercules Operators



*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

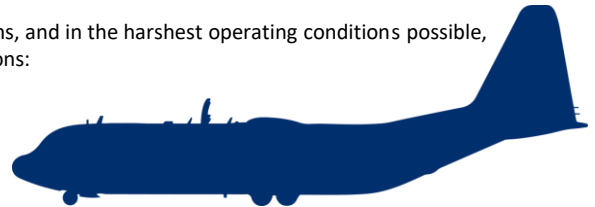


C-130J Production Variants

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	C130J-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
Power Plant	Four Rolls-Royce AE 2100D3 GE-Dowty Aerospace R391 6-blade propellers, all composite	Four Rolls-Royce AE 2100D3 GE-Dowty Aerospace R391 6-blade propellers, all composite	Four Rolls-Royce AE 2100D3 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

All information current as of June 1, 2020
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