



**LOCKHEED MARTIN**   
*We never forget who we're working for*®

**C-130J Super Hercules**  
A Plane for All Reasons



## **Worldwide Response. Ready When You Need It.**

***Only one aircraft possesses the unique mix of agility and performance to routinely deploy troops to the most remote and austere areas – an increasing need worldwide. The C-130J Super Hercules has the range, performance, safety redundancy and reliability to operate in the hottest climates, getting into and out of short, high-elevation airstrips with maximum payload – providing a welcome sight to troops and disaster victims worldwide.***

More than 2,300 C-130s have been built and more than 1,600 are still operating in over 60 countries around the globe. The new Hercules – the C-130J – provides significant performance improvements and added operational capabilities that translate directly into increased ground and air combat effectiveness.

C-130Js are currently deployed around the world and are operating at a very high operations tempo efficiently and reliably. C-130Js are being used daily for troop and equipment re-supply via airland and airdrop, air-to-air refueling, ground refueling, coastal surveillance and humanitarian relief. In the United States, the U.S. Air Force, Air Force Reserve, Air National Guard, Marine Corps and Coast Guard fly C-130Js. International C-130J operators include the Royal Air Force, the Royal Australian Air Force, Aeronautica Militare and the Royal Danish Air Force – and many other nations are quickly lining up to discover the capabilities of the C-130J.





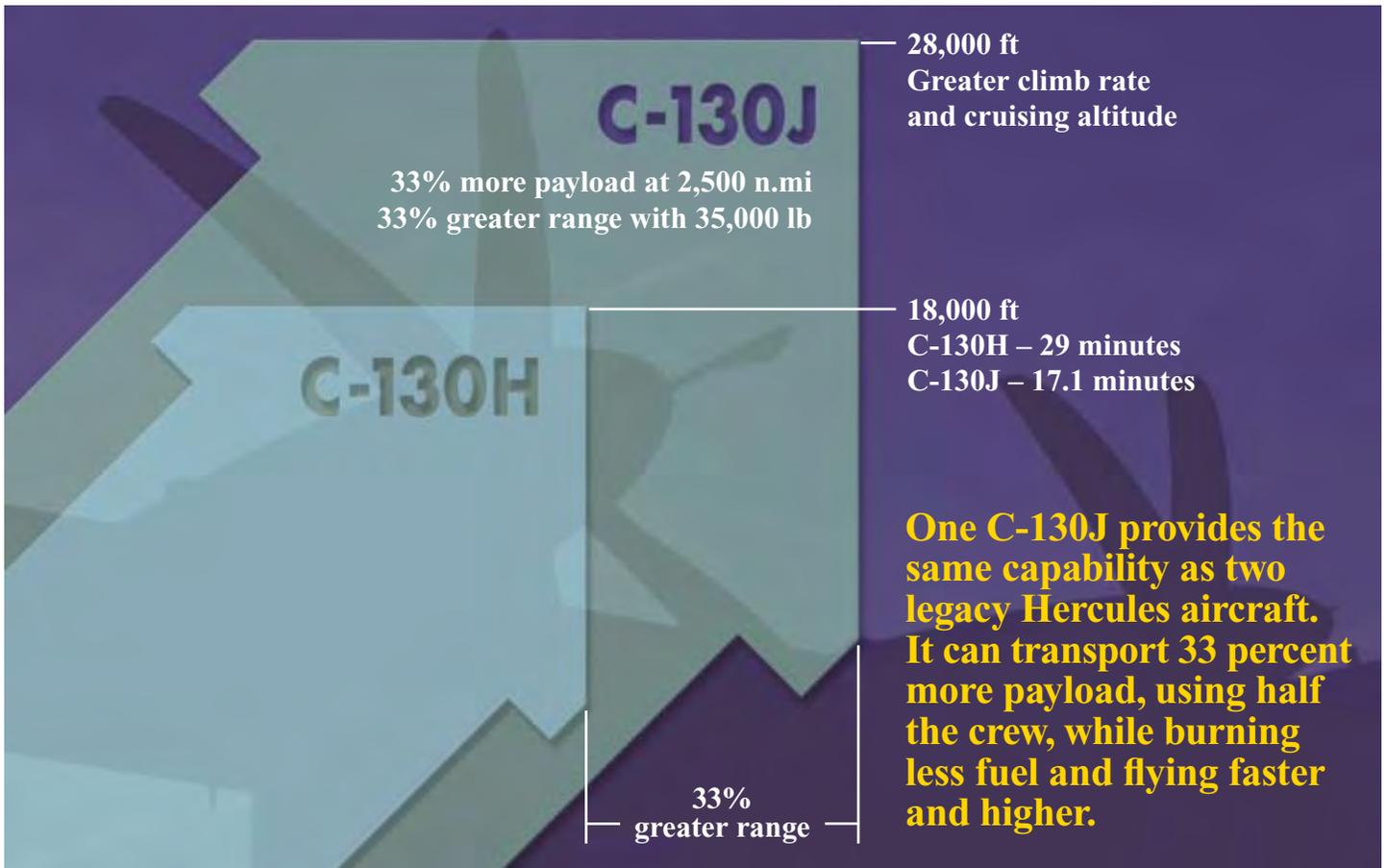
U.S. Coast Guard HC-130J



U.S. Air Force EC-130J



Royal Air Force C-130J



## A Quantum Leap in Capabilities

The C-130J is not a distant promise or idea – it is a battle-proven, reliable and affordable airlifter. In production and available, the C-130J meets the growing worldwide need for airlift with multimission capability and continues to evolve through upgrades designed to meet many operational requirements.

The C-130J has conducted combat re-supply and troop deployment since 2002. The aircraft's outstanding range and payload under high/hot conditions make it the backbone of tactical airlift.

- Equipped with NVG-compatible interior and exterior lighting, low probability of intercept radar, advanced self-defense systems and enhanced situational awareness from the head-up displays and moving maps, the C-130J is ready for demanding special operations and combat search and rescue missions
- With increased range, payload and speed, U.S. Air Force C-130Js perform missions in a single day in southwest Asia that historically took two days or more
- The U.S. Air Force supports peacekeeping missions in Africa in less than half the time and one-third the fuel as a C-130E – tremendous savings in time and materials



## Delivers in Times of Need

Providing urgent relief in times of humanitarian crisis requires an aircraft that is rugged enough to operate from semi-prepared surfaces, can deliver sufficient supplies to make a real difference in abating the suffering, has the capability to get into and out of remote areas and can safely operate in hostile environments. The C-130J is the only aircraft currently operating that has the capacity, range and defensive systems to meet these demanding requirements.

During the tsunami relief effort, many countries delivered critical food and water to Jakarta . . . but the most efficient way to distribute the supplies to the victims was by helicopter or C-130J. The C-130J is the best fixed-wing aircraft for landing on short, rough fields with large payloads.

In addition to food and water shortages, a natural disaster means that most normal infrastructures are destroyed. The C-130J can also deliver life-saving

supplies and services that help impacted areas begin to recover.

C-130J capabilities include:

- Transporting over 40,000 pounds of cargo and supplies, including earth-moving equipment to rebuild roads and aid in rescue efforts
- Offering ground-refuel capability for vehicles and equipment and fuel for emergency power generators, supporting rescue and recovery services
- Serving as an emergency medical surgery suite, providing medical teams, supplies and equipment such as oxygen lines to treat the critically wounded



- Providing Medevac support, transporting up to 97 injured using specially designed multilevel-style litters, aiding in the evacuation of those who need further treatment



The C-130J was one of the first responders during the tsunami relief effort. Due to its flexibility and agility, the aircraft was able to deliver critical supplies, food and water to the most devastated areas in Jakarta.



## C-130J – Anywhere, Any Time

The C-130J is a powerful, flexible and versatile platform that executes a wide range of missions. From a complete brigade paradrop in less than five minutes, to a search-and-rescue mission, to a ground offload of urgently needed supplies, the C-130J has the ability. And with short-field performance comparable to any other aircraft and a range of strategic distances, the C-130J has the performance envelope to meet an operator's full range of airlift requirements. Including the sophisticated navigation and sensor systems and highly effective self-protection suite, the C-130J can fly higher, farther and faster, day or night – anywhere – any time.

### C-130J Super Hercules

Length . . . . . 112 ft 9 in. / 34.37 m  
 Height . . . . . 38 ft 9 in. / 11.81 m  
 Wingspan . . . . . 132 ft 7 in. / 40.38 m  
 Horizontal tail span . . . . . 52 ft 8 in. / 16.05 m  
 Power plant . . . . . 4 Rolls-Royce AE2100D3,  
 4,591 pshp turboprop engines,  
 Dowty R391, 6-blade propellers, all composite  
 Maximum takeoff weight (MTOW) . . . . . 164,000 lb / 74,390 kg  
 Maximum payload\* (2.5 g) . . . . . 48,000 lb / 21,770 kg  
 Maximum cruise speed . . . . . 355 KTAS / 660 km/hr

Landing/takeoff ground roll  
 (typical assault mission) . . . . . 1,500 ft / 460 m  
 Payload\* at 500 n.mi / 926 km . . . . . 47,000 lb\*\* / 21,320 kg  
 USAF operations . . . . . 42,000 lb / 19,050 kg  
 Range with 35,000 lb / 24,690 kg . . . . . 2,900 n.mi\*\* / 5,375 km  
 USAF operations . . . . . 2,100 n.mi / 3,890 km

The C-130J cargo compartment is 55 feet long  
 (15 feet longer than the C-130J-Short)

\*With wing relief fuel

\*\*MIL-C-5011A reserves and no wing foam

The image features a silhouette of a C-130J aircraft in flight, viewed from a low angle looking up. The aircraft is positioned diagonally across the frame, with its nose pointing towards the top left and its tail towards the bottom right. The background is a vibrant sunset sky with warm orange and yellow tones, and a faint world map is visible in the lower-left quadrant. The aircraft's four propellers are visible, and its high-wing configuration is clearly defined.

## The Need Is Now

The C-130J is the only tactical airlifter that meets the emerging needs of armed forces worldwide. The modern battlefield is forever changing. With increasing demand to operate in high temperatures and elevations and respond to global threats with few basing options, both range and unimproved field performance are essential for emerging theaters and concepts of operations. The advanced, digital architecture of the C-130J allows the aircraft to perform combat rescue, deep covert penetration and low-level night entry into and egress from the threat environments with 24-hour, all-weather operations.

The digital architecture and payload of the C-130J accommodate roll-on/roll-off mission assets, thereby enabling air forces to perform a wide range of missions such as search and rescue, infiltration and exfiltration, maritime patrol, fire-fighting, VIP transport, SIGINT/ELINT collection and aerial refueling – all without impacting the aerial cargo delivery function of the aircraft. This multimission capability means that air forces do not need to own and operate costly mission-specific aircraft.

**The C-130J – A Plane for All Reasons**

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