



CASC™ Compact Aircraft Support Cart

CASC Benefits

- **Modular** – Designed for configuration flexibility
- **Built Using Aircraft Parts** – MIL, AHP, ARP compliant
- **High MTBF** – Mean Time Between Failure exponentially increases with ground use
- **Fully Automatic Control System** for start and operation
- **Rapid Maintenance** – Allows for easy in-field maintenance should it be required
- **Lighter Frame** – Block style 1-inch aluminum overlapping frame with close-tolerance fasteners
- **No Tow Vehicle Required** – Easily moved on 4-wheel transporter
- **Hangar Storage Friendly** – Smallest footprint, lightest weight
- **Easily Lifted** – Forklift or people, and fits inside a standard elevator for rooftop operations
- **Variety of Fuels** – JP5, JP4, and JP8

Size matters. Our Compact Aircraft Support Cart sets the standard in ground support for fixed wing and rotary aircraft by providing reliable AC and DC power distribution and pressurized air-start, all in one compact unit.

Almost zero maintenance for 20+ years, CASC is the perfect support equipment for fixed wing and rotary mission platforms.

- Proven interoperability; tested by NASA and other aircraft manufacturers
- Globally fielded with military, government, and public sector customers
- Currently in use in North America, Europe, Africa, Asia, and the Middle East





CASC™ Compact Aircraft Support Cart

Convenient and Mission-Flexible

CASC is uniquely compact – the lightest air start unit available.

- Smallest footprint (L x W x H): 52" x 25" x 25"
(132cm x 64cm x 64cm)
- Empty weight: 487 lbs. / 221 kg
- Fueled weight: 547 lbs. / 248 kg

So portable! CASC is completely detachable from its secured 4-wheel transporter, and can be lifted using its integrated handles.

Built to MIL-STD Using Aircraft Parts

CASC is compatible with fixed wing and rotary aircraft simply because it's built to military standards (MIL-STD) using proven aircraft parts which are designed for high-stress loads and temperature variations related to flight conditions.

This design concept results in an exponentially higher Mean Time Between Failure (MTBF) rate.

Small Yet Powerful

- Volts Alternating Current (VAC) 120/208 VAC @ 400Hz, 125 amps, 48kVA
- Volts Direct Current (DC) 28 VDC @ 200 amps
- Bleed air capability, maximum 59 lb./min
- Bleed air pressure, maximum 47 psia
- Maximum shaft power, 56 hp

For more information, please contact:
APeast@epsilonsystems.com

Our Innovations Become Your Solutions

Supporting the global ground mission, we design, develop, and deliver advanced technology solutions, products, and training services to meet our customers' needs. We are driven by rigorous quality standards that meet or exceed all field and weather conditions.

We're proud to serve military, government, first responders, and SAR missions. With 20 locations and growing, Epsilon Systems delivers innovative capabilities to defense, humanitarian, and global customers for fleet sustainment, technology solutions, and advanced products.

We are 100% employee-owned, and for over 25 years, laser focused on supporting our customers' missions.



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