



iAccess Mission Processor (iMP)

Precision, Safety and Reliability



Reach new heights with the iAccess iMP Advanced Mission Processing System

The iMP is designed for the most demanding operational environments and can be a fully digital autopilot and flight director system. Originally designed for the C-130H, its adaptable architecture allows for customization across a range of aircraft platforms, making it a versatile solution for various mission profiles and configurations.

Developed as a seamless replacement for aging mission computers, the iMP enhances flight precision, reduces pilot workload, and improves overall mission safety. With advanced automation, effortless integration into existing aircraft systems, and industry-leading reliability, it enables operators to modernize their fleet with minimal disruption.

Built to rigorous DO-160 environmental standards and boasting an MTBF >50,000 hours, the iMP offers a long-term, high-performance solution. Whether installed as part of a comprehensive cockpit upgrade or as a standalone enhancement, it delivers next-generation capabilities without requiring extensive aircraft modifications.

iMP HIGHLIGHTS:

- Multicore Processing
- Designed for Harsh Environments
- Affordable and Highly Customizable
- Adaptable to Future Requirements
- Easily Integrated with Legacy Flight Systems
- Capable of Autopilot and Flight Director Functions

Specifications: <ul style="list-style-type: none"> ✓ 11.00 inches x 9.25 inches x 4.50 inches ✓ ≈10 pounds ✓ +28 VDC ✓ 100 W Maximum Power ✓ -40°C to +85°C Operating Temperature Range ✓ MTBF > 50,000 Hours 	Interfaces: <ul style="list-style-type: none"> ✓ ARINC 429 ✓ Programmable Discrete ✓ Analog ✓ 1553 (Optional) ✓ Digital Video
Qualifications: <ul style="list-style-type: none"> ✓ DO-160G ✓ MIL-STD-810H/-461G/-464C/-704F 	

