Convertible, Mission Ready Aircraft
Proven solutions for today’s operation
C-40Ai Aircraft

Setting the standard in performance, low-cost operations, and reliability

Designed to offer mission flexibility, the C-40Ai is an FAA-certified 737-700 convertible / “combi” aircraft, optimized to transport troops, passengers and cargo around the globe. The aircraft’s versatility allows for a range of configurations, including all-passenger, all-cargo or a combination of both. The C-40Ai provides the right capabilities to meet mission-sensitive rapid response requirements while providing critical logistics support.

Performance
- 171,000-lb maximum takeoff weight
- 41,000-ft altitude capability
- 0.78 to 0.82 Mach cruise speed
- 180-min ETOPS
- 90-kVA generators
- High-capacity APU operable to 41,000 ft

Features
- New wing and blended winglets with advanced-technology airfoil
- Large forward cargo door
- Gaseous oxygen system

Flight Deck
- FMC w/integrated GPS
- GATM/FANS-1 (RNP-1) capable
- RSVM capable
- TCAS II
- HUD
- Enhanced ground proximity warning system
- Auto scan weather radar system with predictive wind shear
- GPS landing system capable

Engines
- Advanced-technology CFM56-7 engines
- Engines, CFM56-7 SLST, lb*...........................24,000
  *Maximum sea-level static thrust

Weights
- Maximum Takeoff 171,000 lb
- Maximum Landing 134,000 lb
- Maximum Zero Fuel 126,000 lb

Cargo
- Lower-hold volume 885 ft³

Fuel
- Capacity 6,875 US gal

Range
- 121 passengers, or 3,200 nmi
- 36,000-lb main deck cargo, or 70 passengers/
- 15,000-lb in combi configuration

Payload (lb) vs. Still-range (nmi)

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