

 **EMBRAER**

[kc-390.com](http://kc-390.com)



**KC-390**  
**MILLENNIUM**

**UNBEATABLE COMBINATION**

 **EMBRAER**



# KC-390 MILLENNIUM

## UNBEATABLE COMBINATION

The new generation military multi-mission transport aircraft KC-390 Millennium is the answer to the 21st-century demands, with unrivaled mobility and operational flexibility in a single platform.

KC-390 Millennium provides optimal fleet performance, generated by a cost-effective combination of high availability and productivity.

KC-390 Millennium also incorporate the latest communication system providing ultimate digital situation awareness and interoperability with other platforms and allies.

- > RAPID RECONFIGURATION AND THE LATEST TECHNOLOGY
- > OPERATIONAL EFFICIENCY AND LOW LIFE-CYCLE COSTS
- > SPEED IN THE AIR AND FASTER TURNAROUNDS

### MISSION MODULES

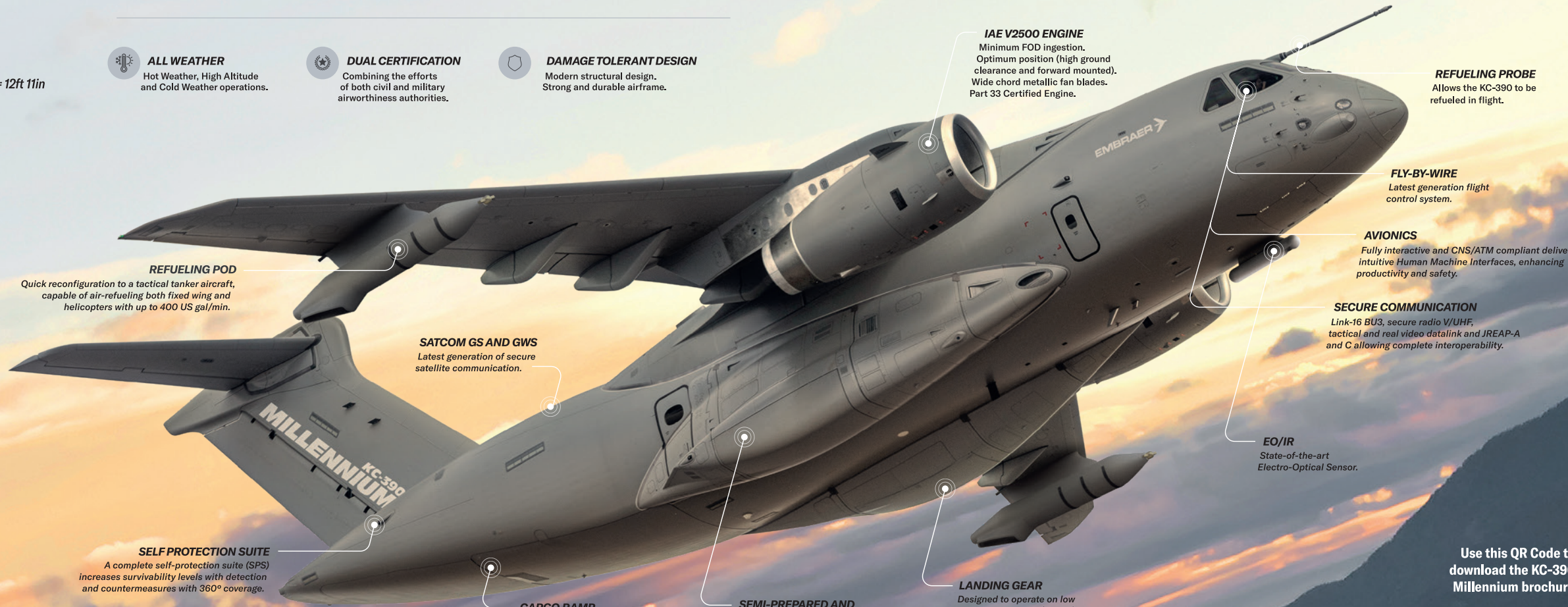
ONE AIRCRAFT, MANY CAPABILITIES

- AERIAL ASSAULT
- AERIAL FIREFIGHTING
- AERIAL RESUPPLY
- SEARCH AND RESCUE
- SPECIAL OPERATIONS
- HUMANITARIAN AID
- MEDICAL EVACUATION
- AIR-TO-AIR REFUELING

**ALL WEATHER**  
Hot Weather, High Altitude and Cold Weather operations.

**DUAL CERTIFICATION**  
Combining the efforts of both civil and military airworthiness authorities.

**DAMAGE TOLERANT DESIGN**  
Modern structural design. Strong and durable airframe.



**REFUELING POD**  
Quick reconfiguration to a tactical tanker aircraft, capable of air-refueling both fixed wing and helicopters with up to 400 US gal/min.

**SATCOM GS AND GWS**  
Latest generation of secure satellite communication.

**SELF PROTECTION SUITE**  
A complete self-protection suite (SPS) increases survivability levels with detection and countermeasures with 360° coverage.

**CARGO RAMP**  
Loading and unloading ramp equipped with the market's most advanced cargo handling and aerial delivery system.

**SEMI-PREPARED AND DAMAGED AIRFIELD OPERATION**  
Worst Semi-Prepared and Damaged Runway from MIL-B-8866B.

**LANDING GEAR**  
Designed to operate on low resistance airfields (CBR-4), brake-by-wire, wheel-by-wheel.

**EO/IR**  
State-of-the-art Electro-Optical Sensor.

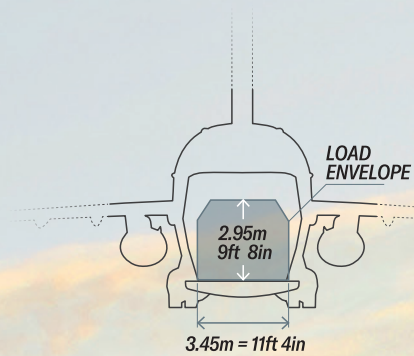
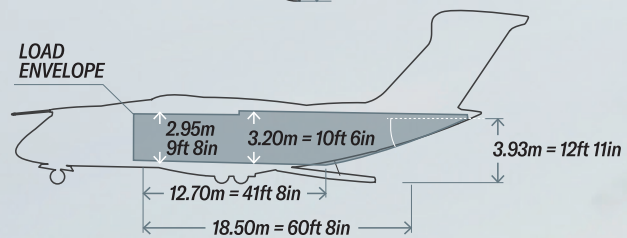
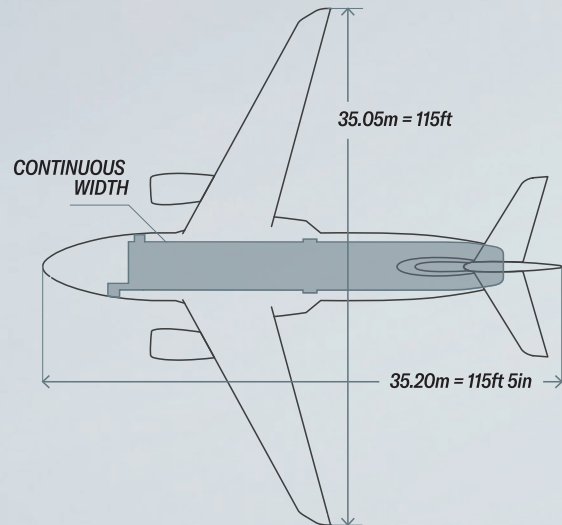
**SECURE COMMUNICATION**  
Link-16 BU3, secure radio V/UHF, tactical and real video datalink and JREAP-A and C allowing complete interoperability.

**AVIONICS**  
Fully interactive and CNS/ATM compliant delivers intuitive Human Machine Interfaces, enhancing productivity and safety.

**FLY-BY-WIRE**  
Latest generation flight control system.

**REFUELING PROBE**  
Allows the KC-390 to be refueled in flight.

**IAE V2500 ENGINE**  
Minimum FOD ingestion. Optimum position (high ground clearance and forward mounted). Wide chord metallic fan blades. Part 33 Certified Engine.



### NO SCHEDULED AIRFRAME DEPOT LEVEL MAINTENANCE

Routine check:  
Every 14 days of operation → ~4 man-hours

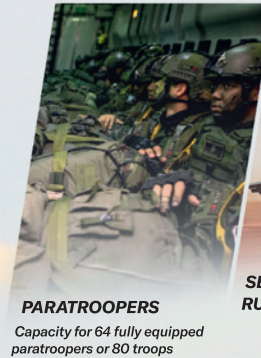
Intermediate checks:  
600 FH or 12 months → ~12 days

Basic checks:  
60 months → ~25 to 40 days



### THE MOST COMPREHENSIVE FLEXIBILITY

KC-390 is capable of transporting a maximum of 50,706 lb (23,000 kg) of distributed loads and a maximum concentrated load of 57,320 lb (26,000 kg).



Use this QR Code to download the KC-390 Millennium brochure.



kc-390.com