

GMAS Future Cargo Aircraft Campaign DID YOU KNOW?

The U.S. Army Future Cargo Aircraft (FCA) program

- FCA is a key component of the U.S. Army's transformation of its fixed wing fleet.
- The FCA must be a multifunctional aircraft, able to perform logistical re-supply, medevac, troop movement, airdrop operations, humanitarian assistance, and missions in support of U.S. homeland security.
- The FCA is expected to replace the Army's C-23, C-26 and C-12 fleets. These aircraft are currently operated in by the National Guard, Army Reserve and Active Army.
- The FCA program is scheduled to begin in FY2007 and continue until FY2025.
- The initial FCA order is for 33 aircraft between 2007 and 2011.

C-27J is the best airframe for the job

- Designed and produced to meet U.S. military standards and requirements
- Unlike the competition, the C-27J's airframe and propulsion system was designed specifically for tactical flight profiles, potential flight emergencies from enemy fire, and to provide airlift operations in support of ground operations.
- Greater range than the competition (3200 nm vs 3040)
- Higher cruise speed than the competition (325 knots vs 260 knots)
- Greater floor strength than the C-295 and C-130 Hercules
- Maximum takeoff weight – 68,000 lbs, minimum ground run less than 1,600 feet
- Better interoperability (cargo transfer/interoperability with CH-47, C-130, and other heavier air-lifters)
- Greater cabin height than the competition (8.6 ft. vs 6.3 ft)
- Greater payload capacity than the competition (25,350 lbs vs 20,400 lbs)
- Accommodates two up-armored HMMWVS

C-27J's performance reduces risk and gets supplies to the warfighter faster

- Every C-27J in the air takes three convoys off the road and out of harm's way. That's almost twice more than the competition.
- Excellent STOL on unimproved airstrips increasing range of options to perform tactical insertions and extractions of cargo and personnel.
 - Faster, safer, minimizing troop exposure.

C-27J has better aircraft performance/survivability/versatility

- Better airdrop capability than the competition (11,023 lbs vs 6,614 lbs)
- Better cargo/vehicle loadability (variable height and tilting reduces loading/unloading times and eliminates need for ground support equipment)
 - Faster, safer, less troop exposure.

- Can carry HCU-E pallet with a maximum load of 10,000 lbs
- Three-spar wing and tail construction ensures survivability
- Wings can withstand a 20-millimeter round and maintain structure integrity.
- Can perform sustainable maneuvers up to 3.25 Gs of force
- Airframe design provides steep and rapid climb and rapid decent with a step landing that minimizes exposure to ground fire.
 - Faster, safer, less troop exposure.
- Flexible – can be used for medevac, combat-equipped troops and paratroopers.

C-27J brings the best value over the long haul

- Moves more tons faster – over 2,500 tons/nm/hr vs the competition's 1,620 tons
- Fewer aircraft to move cargo – nine C-27Js can move as much as 17 of the competition's aircraft in same amount of time – 240 tons moved in 12 hours
- L-3's logistics capabilities minimizes start-up and long-term support costs with in-place support and trained personnel. Co-located CFT's in over 300 military installations worldwide, including Iraq and Afghanistan, working side by side with the troops on the ground.
- L-3 has comprehensive worldwide logistics support and soldier-focused Life-Cycle Management. Its simulators and flight trainers are in-place worldwide. It is under contract to develop, test, install, operate, maintain and sustain all of The U.S. Army's Flight School XXI's suites of Advanced Aircraft Virtual Simulators (AAVS) and Reconfigurable Training Devices (37 networked simulators and contractor logistics support)

GMAS brings the best team and the best solution to the war fight

- World class leaders in airlifter design, development, manufacturing and production
- Most reliable logistics support provider
- Latest U.S. technology applied in the core systems of the aircraft (avionics, propulsion systems, and other major equipment)
- Training systems tailored to the U.S. Army's needs

GMAS – THE NO COMPROMISE SOLUTION