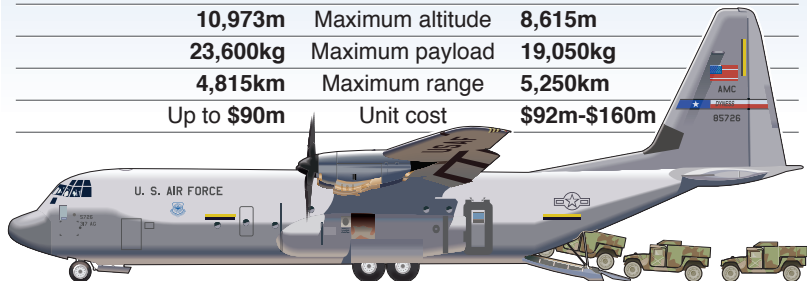


Embraer challenges Lockheed's airlifter

Brazilian planemaker Embraer is challenging America's Lockheed Martin for a slice of the military transport market, set to grow to \$100 billion by 2020. Embraer's KC-390 can fly faster and higher, and will cost less than market leader Lockheed's C-130J Hercules



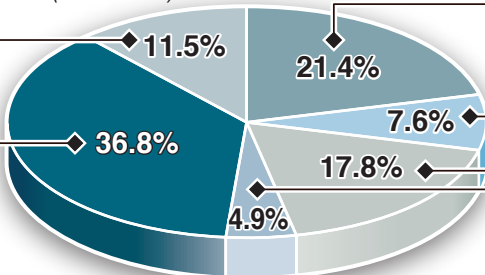
▲ <i>Embraer KC-390</i>	Performance	<i>Lockheed C-130J</i> ▼
2	Crew	3
Two V2500-E5 turbofan	Engines	Four AE 2100D3 turboprop
Mach 0.8 (850km/h)	Maximum speed	Mach 0.59 (723km/h)
435 knots (806km/h)	Cruise speed	348 knots (644km/h)
10,973m	Maximum altitude	8,615m
23,600kg	Maximum payload	19,050kg
4,815km	Maximum range	5,250km
Up to \$90m	Unit cost	\$92m-\$160m



Heavy lift market (2002-2013)

Lockheed
C-5 Galaxy
94 aircraft

Lockheed
Martin C-130
Hercules
300 aircraft



Airbus A400M
174 orders

Antonov
An-70
62 aircraft

Boeing C-17
Globemaster
145 aircraft

Kawasaki C-X
40 aircraft