

AIR AMBULANCE PLATFORM



Cost-effective fixed-wing ambulance platforms for medical repatriation providers

Alto Aerospace Ltd | altoaero.com

February 2022





Alto Aerospace

Founded in 2017, Alto Aerospace Ltd is a multi-functional aviation company with a fleet of 7 aircraft of various types for our different operations and contracts. The team itself has tripled in size, covering everything from operations, finance and flight crews as well as a dedicated safety and compliance team.

Alto Aerospace are a CAA approved AOC operator, proudly owning and operating their own fleet, including two Kingair B200 aircraft which are fully configured for lifeport PLUS stretcher systems along with a proven track record of medical repatriations with superb reviews from our clients and passengers.

Alto Aerospace staff and crew are well practiced in the operation and execution of Air Ambulance flights and are mindful that speed, comfort and versatility are especially in critical care transfers. Considerations such as patient comfort, the aircraft cruise level to maintain a sea level cabin altitude, weather avoidance or speed (using level with maximum tail wind/least head wind) are reviewed for each flight.

The importance of an efficient, flexible and cost effective transfer within medically defined transfer times is important to us, not only in terms of fulfilling contractual obligations but also in the provision of care to patients and their family members who are will already be scared, stressed and uncomfortable due to their medical circumstances.

Alto Aerospace and our crew ensure that the transfer is not only efficient and effective but caring, courteous and compassionate ensuring as pleasant a journey as possible for the patient, medical crew and family and meeting of the same expectations that our Corporate & Private Charter customers demand.





Bespoke to you

Alto is able to offer a tailored solution to suit your organisations requirements. We can either supply a fully manned platform with CQC approved medical support up to ICU Level-3, or an aircraft only option where your own medical teams join onboard.


The medics are an essential part of the aircraft crew, as a result Alto Aerospace will deliver safety training to your personnell in aircraft systems, use of equipment aswell as Crew Resource Mangement (CRM) and Threat & Error Management (TEM). We can share and intergrate company safety systems for syconised reporting to continually improve our service to you.


Service Type	Platform + Medical Team	Aircraft Platform Only
Dedicated Aircraft & Flight Crew	✓	✓
Full Trip Support by Client Services Team	✓	✓
CQC Approved Medical Transport Team	✓	
Supporting Medical Equipment through ICU Level 3	✓	
Road Ambulance Transfers	On Request	On Request





2x Beechcraft King Air 200

 315 mph

 1200 miles

 35,000 ft

 2x Pilots, 1x Stretcher Patient, 5 Seats

The Beechcraft King Air 200 is one of the most widely deployed ambulance aircraft in the world.

Being a favourite amongst flight medical teams, the King Air cabin is much larger than most light jets providing more working room for the medical escorts and more comfort for the patient in a non-clostrophobic environment.

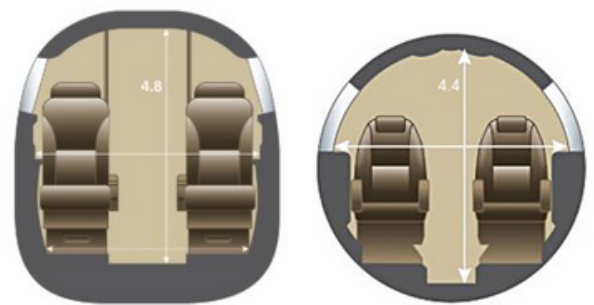
With a large payload capacity of up to 1000kg total, teams can take the required medical equipment with ease including bulky items such as wheel chairs.

The generous cabin size of the aircraft provides ample room for up to 9 passengers in various configurations including one (1) x stretchered patient with five (5) x passenger seats which can be mixed between medical crew and relatives as required.

Additionally, the aircraft is capable of operating from short, unimproved runways, providing additional flexibility during life-and-death situations into airports or runways that are most advantageous for the forward movement of the patient upon landing.

With the operating cost of the King air being 33% less than the Lear, and the Lear burning 60% more fuel per hour than the King Air B200, the King Air B200 is considerably more cost effective than a comparable Lear 35.

King Air vs Lear 35 Cabin



- | | | |
|---------------------------------|------------------------------|-------------------------------|
| ✓ More cabin space | ✓ Access to smaller airports | ✓ Recently Re-furbished Fleet |
| ✓ High weight carrying capacity | ✓ Low operating cost | ✓ In-house Maintenance |



ALTO AEROSPACE

QUESTIONS? GET IN TOUCH



Alto Aerospace Ltd

Aerial Court / Bournemouth Airport / Christchurch / Dorset / BH23 6NE

Medical@altoaero.uk / +44 (0) 1202 570 087