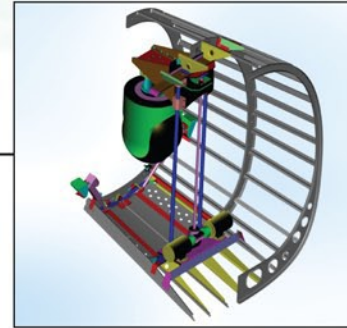
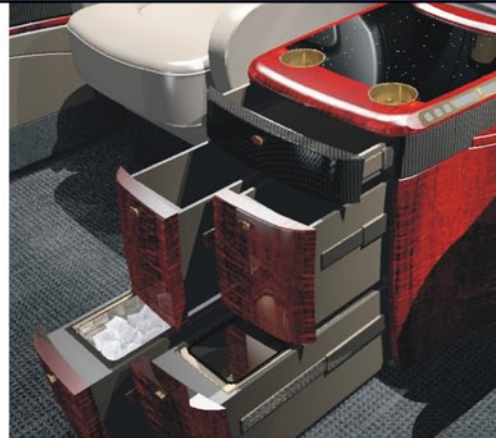


Engineering

In addition to being one of only a few authorized FAA DAS sites, Keystone also can engineer and outfit from concept to completion.



Keystone Helicopter Corporation is one of only a few FAA-approved Designated Authorization Stations (DAS) worldwide; Organization Designation Airworthiness representation (ODAR) in Export, experimental, conformity and airworthiness certificates and specialized Designated Engineering representatives (DER's) on staff.

Since 1987 they have been designing, certifying, and installing unique interiors, complex avionics, special mission equipment and numerous external modifications for both helicopters and fix wing aircraft.

Expertise:

They offer expertise in the following disciplines: Structures (stress, fatigue, static load, and loads); System Electrical (avionics integration, electrical distribution, SSA, FHA, lightning, and ELA); System Mechanical (interiors evaluations, flammability, icing,

SSA, FHA) and Flight Test (flight test programs, flight analysis) designed to meet all FAA certification requirements,

Quick approvals and certification:

Additionally, KHC can approve and issue Supplemental Type Certificates (STC) within 60-90 days compared to the industry average time 6-8 months. They also provide additional assistance ranging from simple DER support and FAA administrative coordination to total project management.

Documentation:

They can produce full technical document packages for all modifications and STC packages that include electrical load, weight and balance, and flammability data, manufacturers' warranty cards, delivery photos and modification matrix.

Design and additional services:

They can also provide 3-D CAD services (CATIA 4, CATIA 5 and 3-D Kubotek); interior renderings, paint renderings all with Alias 3-D image studio; and instructions for Continued Airworthiness. This combination of multi-discipline experience coupled with over 150 years combined helicopter engineering expertise provides each customer with a level of service and support unmatched by any of our competitors.

From concept to engineering design to installation and completion

ENGINEERING