



## Installation of ESI-500 Airbus in H125

The ESI-500 Standby Instrument System was installed as part of a Garmin G500 TXi installation in an Airbus H125. The installation of the G500 TXi enabled the analog devices to be removed from the instrument panel, enabling the cockpit to be completely digitized. The L3Harris Electronics Standby Instrument has been installed over the Garmin G500 TXi and give the pilot a good view to the device during all operation conditions.

The required Minor Change for the installation of the ESI-500 in the H125 was carried out in SPAES' own EASA Part 21J Design Organisation. The ESI-500 was installed and tested in the customer's Part 145.



## Cockpit Conversion Airbus H125

In cooperation with a Part 145 Organisation, SPAES has designed and approved the cockpit conversion of an H125. For this purpose, the Garmin GTN 750Xi was installed and certified in the helicopter. To further optimize the cockpit, an Air Traffic System GTS 800 was attached. Finally, an Air Traffic Warning System was integrated.

The Minor Changes were created in the Part 21J Organisation of the SPAES. The system integration and commissioning took place in the Part 145 Organisation of the customer.

## Installation Digital Attitude Indicator in Airbus H125

SPAES has designed and approved the installation of a digital position indicator RCA 2610-3 as part of a modification. For this, the system was procured and delivered for the customer. The RCA2610 is the updated version of the popular RCA2600 electric digital attitude indicator. It is very light and fulfills all required ETSO requirements. The approval for further helicopter models is available or can be carried out.

The Minor Change was carried out in the EASA Part 21J Design Organisation of the SPAES. The system was installed at the customer's premises.



RCA2610-3



## Refurbishment H135 Cockpit and Cabin Seats



Due to heavy wear and tear, seat covers were replaced as part of a conversion of an Airbus H135. During the design and approval, suitable leather was selected and processed to meet the required burn test regulations. The replacement and manufacturing of the covers was carried out by an aviation saddler. SPAES has prepared the required production and installation documents and issued the Minor Change. After completion, the seats were reinstalled in the H135 by a Part 145 Organisation.

As part of its approval, SPAES may design, manufacture and approve seat covers with form 1.

## Stowage Cabinet H145/H135

To store the pilot and passenger utensils in their H145, a customer of SPAES has ordered the construction and approval of 6 stowage cabinets. The unit has a volume of 60 liters and can be loaded and unloaded from above. Due to its rotatable base attachments, the unit can be mounted variably in the longitudinal and transverse directions with quick-release fasteners. In addition, the stowage compartment can be used to remove the UVC – Ultraviolet Circulation Air Disinfection System of SPAES or other devices on the top. The installation was certified with a Minor Change. The Stowage Cabinet was manufactured in the Production Organisation of SPAES.



## Medical Mounts for King Air 350



SPAES has designed, manufactured and certified three medical holders for Braun Infusomat Space, Lifepack 15 and Dräger OxyLog VE300 for the installation of medical devices in a King Air 300 for transporting patients. The design and manufacture of the devices was carried out in triple versions in SPAES own Design and Production Organisation. These mountings were integrated into the aircraft as part of a new medical equipment.

Through the cooperation with several customers from air rescue, SPAES has many medical mounts for medical devices in stock. On request, we will gladly provide you with an overview of the available medical mounts.