



HTAWS MANDATE AND CERTIFICATION REQUIREMENT UPDATE June 2013

Airframe STC Installation Requirement

With the recent Rotorcraft Directorate requirement, that all TSO C-194 HTAWS installations have an STC for the airframe they are installed in, it has thrown a huge burden of cost onto installers and their customers. With no Field Approval process possible for HTAWS installations it leaves very few choices.

AML STC Gap Analysis – What Actions are Being Completed to Solve the Issue

Sandel is taking the lead on behalf of the industry by working tirelessly to achieve an AML STC for the ST3400H HeliTAWS in a wide selection of airframe makes and models. This is a very complex and time consuming process that requires a Gap Analysis be performed for each airframe to document all differences (e.g. *installation, certification basis, airframe types, HIRF and FADEC evaluation, Software/CEH evaluation etc.*) between the STC's we currently hold in a Part 27 AS350B2 and a Part 29 Bell 412EP and the airframes we want added to an AML STC list.

Be Proactive – Submit Your Airframe for Priority Analysis

We encourage you to be proactive.

- Bring to our attention any make and model of helicopter you want included in this effort.
- We also encourage you to consider a cooperative effort in the Gap Analysis process if you have a candidate airframe willing to participate. This does not require the airframe be put into the Experimental Category, only that it be available for comparison to previous or similar models already covered by an STC. In many cases this could be as simple as wire routing, antenna location or alternate supporting avionics interfaces you chose.
- A simple License Agreement form signed by your company will allow us to share our current STC document packages, either Part 27 or Part 29, with you for comparison. Contact us at support@sandel.com with your request and a license agreement will be sent you your company.

There is no guarantee that the FAA's latest forecasted date for HTAWS Mandate will arrive as scheduled, but know that Sandel is working very hard for you to make these installations possible.