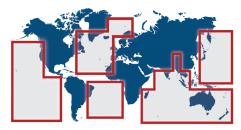**In Europe**

Oceanic & Remote

FANS

ATN Link 2000+

Future Air Navigation System (FANS-1/A)

StandardAero's Future Air Navigation System (FANS-1/A) upgrade solutions are designed for Rockwell Collins and Honeywell radios. Installation of FANS-1/A reduces the need for pilot reporting of aircraft identification and position, meets new mandate requirements and can increase flight profile efficiency.

How it Works

The FANS-1/A upgrades the aircraft to enable aircraft and ATC text messaging replacing VHF/HF voice position reporting, but data link capability does not replace voice equipage requirements.

Benefits

StandardAero will complete your upgrade with the highest quality to maximize your investment while minimizing downtime.
- More direct routing, reduced fuel burn and flight times
- Enhances safety by displaying clear textual instructions
- Eliminates need to "listen" for certain instructions and frees up congested voice frequencies
- Quicker ATC response time expected

StandardAero – The Right Choice

At StandardAero, we have retained a team of the most highly experienced avionics experts in the business and developed unique avionics upgrade and retrofit processes. We put our customers and their aircraft first and do what it takes to deliver superior service and maximum performance from your entire aircraft.

Avionics Technical Sales Contacts:

Brandon Klisit (+1-217-416-4426) brandon.klisit@standardaero.com
Mike Creek (+1-636-300-7967) michael.creek@standardaero.com

TO FIND OUT MORE about FANS-1/A and other Avionics programs, contact your area representative or visit http://www.standardaero.com/avionics/default.aspx

PRODUCT INFORMATION

FANS-1/A (Oceanic and Remote):

- Two center tracks – FL360 -FL390
  Mandate in effect – February 2013
  Inclusive – no exemptions
- All Organized Track System – OTS
  FL360 – FL390
  Mandate in effect – February 2015
  Inclusive – no exemptions
- All Minimum Naviagion Performance Standards (MNPS) airspace
  FL350 – FL390
  Upcomming mandate – December 2017
  Inclusive no exemptions
- All Minimum Naviagion Performance Standards (MNPS) airspace
  FL290 & above
  Upcomming mandate – January 2020
  Inclusive no exemptions
- ACARS Based Data Link Protocol uses Both VHF and Inmarsat as Links to/from Aircraft
- FANS (Future Air Naviagtion System) uses CPDLC and ADS-C (Automatic Dependent Surveillance-Contract)

CVR (Cockpit Voice Recorder):

- FAA Rule AC20-160
- Must Record All Data Link Messages
- Applies to New Data Link Installations after April 6, 2012

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