

> Modification Possibilities

NAYAK AIRCRAFT SERVICE GMBH & CO. KG

Cost saving upgrades for ATR 42 / 72 Series



I-Pad Installation
as Electronic Flight Bag
(EFB)

Antenna Gel Gasket Installation

Cooling Duct
Replacement

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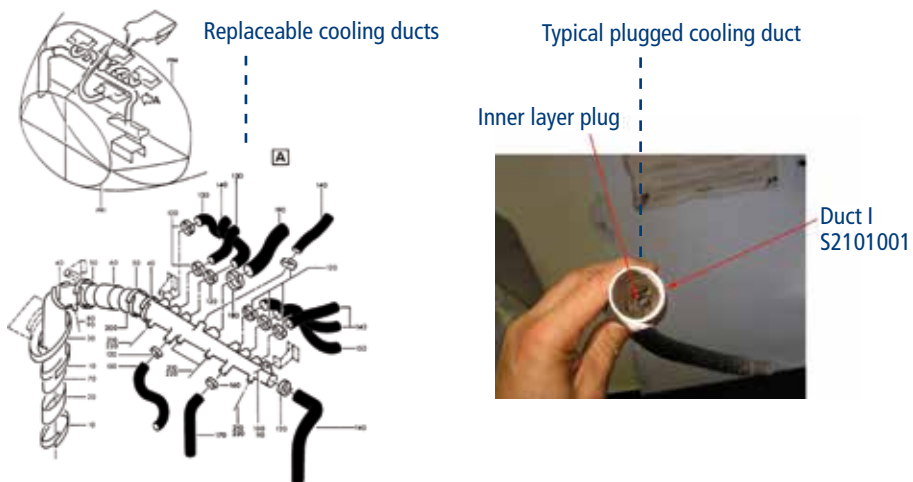
> Modification Possibilities

Cooling Duct Replacement

> Prevent system overheat by Cooling Duct Replacements!

Existing cooling ducts frequently may rip or the inner layer may plug the flow rate. The consequence can be a system overheat with subsequent avionic breakdown. To prevent potential damages and to improve reliability NAYAK designed a minor change to replace the cooling duct hoses in the ATR 42 or ATR 72 Series with custom made duct SCATS with cuffs.

As an option the cabin temp sensor hose P/N NTA13151-210 could be replaced with this minor change.

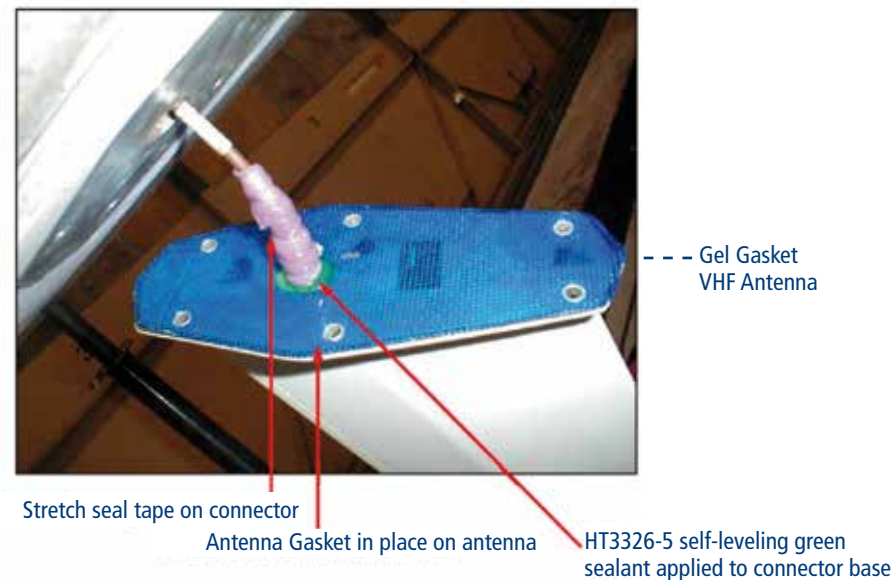


> Modification Possibilities

Antenna Gel Gasket Installation

> Antenna Gel Gasket Installation

To eliminate extensive corrosion at the antenna aircraft interface and to avoid labor intensive repairs, NAYAK designed a minor change to install antenna gel gaskets, instead of the original gaskets. The gel gaskets are available for all kind of antennas.



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iPad Installation as Electronic Flight Bag (EFB)

> iPad Installation as Electronic Flight Bag (EFB)

To ease pilot and co-pilot's paperwork during flight and to increase flight safety, NAYAK is designing a STC for the installation of an Apple iPad as Electronic Flight Bag. For example navigation charts can be indicated on the display or flight calculations can be performed, less documents in hardcopy will be needed. The iPad is installed with a power supply.

iPad installed in RAM mount



> Modification Possibilities

ATR Endcap (Tail Nav Light Cover)

> Economical life time by new ATR End Cap (Tail Nav Light Cover)

Durability of the manufacturer's Tail Nav Light Cover as well as part availability and lead time inspired NAYAK to design a replacement part made of MAKROLONE under EASA Minor Change Approval. This clear cover MAKROLONE cap is high resistant against fuel, oil, hydraulic-oil and de-icer fluid contamination. It is also highly resistant against mechanical impacts. This material is usually used for military aircraft canopy.

This product is in use by an international airline (ATR 42) since 2007 without any objections or damages to our best knowledge.



> HERE WE ARE.

> Modification Possibilities

HF-9000 High Frequency Communication Transceiver

> Your ATR seems abandoned in far-out regions to fly?

Any communication and pilots information will be improved with the installation of Rockwell Collins HF-9000. Long range voice communication in remote areas including ATC contact, weather and marine storm warnings, radiotelephone service for personal messages and ARINC operational control services.

The entire installation provided by NAYAK's minor change to improve your safety and comfort.



> HERE WE ARE.

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CONTACT

> We thank you very much for your attention and stay at your disposal for any further requirements improving your aircraft. All installations can be performed by your MRO Provider or at Nayak's Homebase at Cologne Bonn Airport, CGN.

Ask us for any additional or purchase and installation information at sales@nayak.de or doa@nayak.de

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