



## SUPPLEMENTAL TYPE CERTIFICATE

**10047886**

This Supplemental Type Certificate is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

### **AVIONICS DESIGN SERVICES LTD.**

**230 ABERDEEN BOULEVARD, UNIT 1 - 2  
MIDLAND-ONTARIO ON L4R 5N4  
CANADA**

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and environmental protection requirements when operated within the conditions and limitations specified below:

**Original Type Certificate Number : EASA.A.084  
Type Certificate Holder : ATR-GIE  
Type Design - Model : ATR 42-300/-320  
Type Design - Model : ATR 72-202  
Original STC Number : TCCA STC SA12-39**

**Description of Design Change:**  
Dual UNS-1Lw FMS Installation

The purpose of this modification is to install a dual Universal Avionics Systems Corporation (UASC) UNS-1Lw Navigation Management System on ATR aircraft, previously equipped with Rockwell Collins or Honeywell radio navigation suite.

**EASA Certification Basis:**

The Certification Basis (CB) for the original product remains applicable to this certificate/ approval. The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

See Continuation Sheet(s)

**For the European Aviation Safety Agency,**

**Date of issue: 27 January 2014**

**Rachel DAESCHLER  
Certification Manager  
Large Aeroplanes Section**

Note:  
The following numbers are listed on the certificate:  
EASA current Project Number: 0010017328-001

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**Associated Technical Documentation:**

Master Drawing List, Avionics Design Services Ltd. MDL12008, Revision N/C, Issue 1, Transport Canada approved April 26, 2012

**FOR ATR 42:**

Flight Manual Supplement, Avionics Design Services Ltd. FMS12008-1, Revision N/C, Transport Canada approved April 26, 2012

Instructions for Continuous Airworthiness, Avionics Design Services Ltd. ICA12008-1, Revision N/C, dated March 01, 2012

**FOR ATR 72:**

Flight Manual Supplement, Avionics Design Services Ltd. FMS12008-2, Revision N/C, Transport Canada approved April 26, 2012

Instructions for Continuous Airworthiness, Avionics Design Services Ltd. ICA12008-2, Revision N/C, dated March 01, 2012

or later revisions of the above listed documents approved by EASA in accordance with the Technical Implementation Procedures of EU/ Canada Bilateral Agreement.

**Limitations/Conditions:**

1. LPV approach operations are disabled and cannot be performed after embodiment of this STC.
2. Compliance with Airworthiness Limitations, Avionics Design Services Ltd. AWL12008-1 (for ATR 42) or AWL12008-2 (for ATR 72), Revision N/C April 26, 2012 (or later EASA approved revision i.a.w. TCCA bilateral agreement), is mandatory.

Prior to installation of this design change it must be determined that the interrelationship between this design change and any other previously installed design change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

The installation of this modification by third persons is subject to written permission of the approval holder.

- end -

**Note:**

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EASA current Project Number: 0010017328-001

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