

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service
Washington, DC



U.S. Department
of Transportation

**Federal Aviation
Administration**

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<http://www.faa.gov/aircraft/safety/alerts/SAIB>

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin advises you, owners and operators of **Aerospatale (Aeritalia and Societe Nationale Industrielle Aerospatale) Model ATR42-200, -300, -320, -500 and ATR72-101, -102, -201, -202, -211, -212, -212A series airplanes** incorporating FAA Supplemental Type Certificate (STC) numbers ST01310NY or ST01280NY, of reports from the aircraft Flight Data Recorder (FDR) of higher-than-expected levels of incorrect aileron surface position data. In addition, the FDR from an aircraft involved in an accident recorded invalid data on the left aileron surface position. Delta Engineering is in the process of redesigning the sensors.

Background

While Delta Engineering is redesigning the sensors, they have issued **Service Alert No. 120105-01A, dated March 1, 2006**, to mitigate the risk of invalid FDR parameters. They reduced the inspection interval from twelve (12) months to six (6) months in the Instructions for Continued Airworthiness document, numbers 0701-04680-2009 and 0701-04812-2030. We have determined that an Airworthiness Directive (AD) isn't warranted.

Recommendations

- We strongly recommend that you review Delta Engineering's Service Alert 120105-01A, dated March 1, 2006.
- We also recommend that you follow the Instructions for Continued Airworthiness, document numbers 0701-04680-2009, Revision E, dated June 24, 2004 for STC ST01280NY and 0701-04812-2030, Revision E, dated July 25, 2005 for STC ST01310NY, which reduce the inspection interval from 12 months to 6 months.

For Further Information Contact

Ram Rambrich, Aerospace Engineer, FAA
NYACO, ANE-172, 1600 Stewart Ave, Suite
410, Westbury, N.Y. 11590; phone: (516) 228-
7307; fax: (516) 794-5531; email:
balram.rambrich@faa.gov

For Service Information Contact

Delta Engineering, 13 DRBA Way, New
Castle, DE 19720; phone: (302) 325-9320; fax:
(302) 325-9420.