



TECHNICAL INFORMATION LETTER

ADTS 542F/552F RATE TIMING FACILITY ISSUE

APPLICATION

ADTS 542F, ADTS 552F Air Data Test Sets running software release DK428, V02.02.02 or V02.01.00

PURPOSE

To notify customers of an issue that has been identified with the above product software configuration releases that may cause an incorrect result to be presented on the RATE TIMER screen.

This function is normally used for leak rate checking or controlled rate of climb ramp verification.

Compliance Category

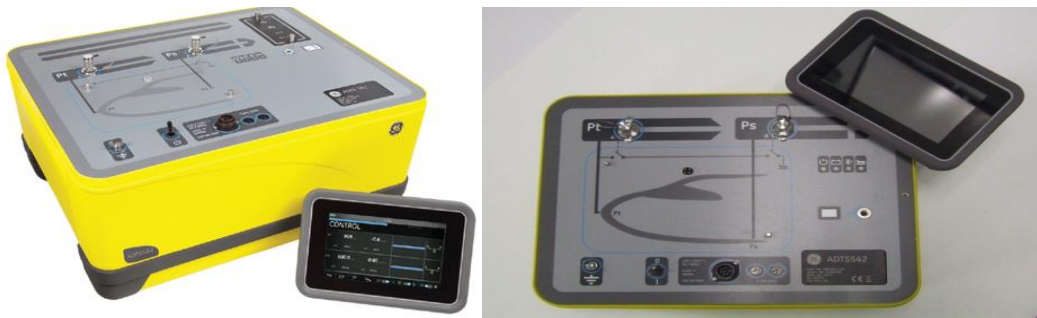
O - Optional	Identifies changes that may be beneficial to some, but not necessarily all, operators. Accomplishment is at customer's discretion.
M - Maintenance	Identifies maintenance guidelines or best practices for reliable equipment operation.
C - Compliance Required	Identifies the need for action to correct a condition that, if left uncorrected, may result in reduced equipment reliability or efficiency. Compliance may be required within a specific operating time.
A - Alert	Failure to comply with the TIL could result in equipment damage or facility damage. Compliance is mandated within a specific operating time.
S - Safety	Failure to comply with this TIL could result in personal injury. Compliance is mandated within a specific operating time.

Timing Code

1	Prior to Unit Startup / Prior to Continued Operation (forced outage condition)
2	At First Opportunity (next shutdown)
3	Prior to Operation of Affected System
4	At First Exposure of Component
5	At Scheduled Component Part Repair or Replacement
6	Next Scheduled Outage
7	Optional

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BACKGROUND DISCUSSION

An issue has been identified with the above product software configuration which may cause an incorrect result to be presented on the RATE TIMER screen. This function is normally used for leak rate checking or controlled rate of climb ramp verification.

The problem is only present when using the WAIT function with a WAIT time other than '0' entered. If a pre-testing WAIT time of '0' is used then the calculation of average leak rate or rate of climb remains fully correct.



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COMPLIANCE REQUIREMENTS

- 1) Check the code revision currently operating on the ADTS unit found under menu TOOLS > SYSTEM STATUS > SOFTWARE INSTALLED
- 2) If the product software version screen contains

Description	DK Number	Version
ADTS Touch Main Code	DK428	V02.02.02 or V02.01.00

then you must follow the instructions in (3) below when using the RATE TIMER function and install the software update (See PLANNING INFORMATION below) once available.

It is probable that if you installed the software file set identified as reference SR0110 Revision 'E' from the GE website you will now be running affected software.

- 3) The factory default WAIT time is set to 5 minutes, (00:05:00). Users who require to operate the RATE TIMER function should set the pre-test WAIT time to a value of 00:00:00. See operating hand book K0553 section 3.5 for details of how to operate this product function.

PLANNING INFORMATION

A corrected software upgrade is being prepared and will be posted and available for customers to download. This will be called "SR0110 Revision 'F'".

The corrected software upgrade should be installed onto the product using the instructions given in operator manual K0553 section 5.5.

PART NUMBERS AFFECTED

- 1) All ADTS552F units received prior to this notification.
- 2) ADTS542F units when configured with the software file set identified as reference SR0110 Revision 'E', if downloaded from the GE website.