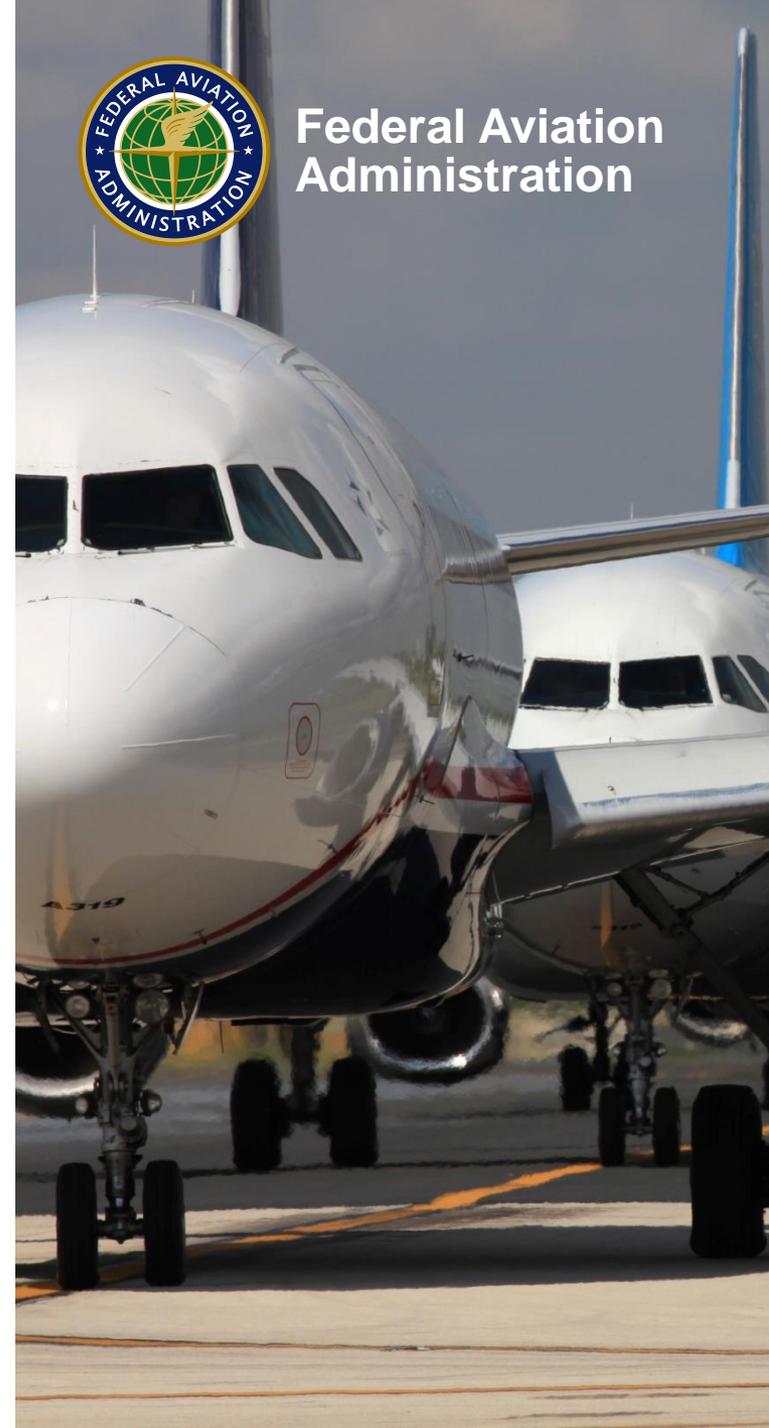


# RTCA Update

Presented to: International Aircraft Materials Fire  
Test Working Group Meeting  
By: Steven Rehn  
Date: 10/27/2014



Federal Aviation  
Administration



# Introduction

- **Last update was in October 2011 after DO-160G was published**
- **RTCA group wants to simplify the flammability test**
- **Develop a test for the electronic box itself instead of the individual internal components**
- **This was looked into during the last round of meetings but it was decided there was not enough time for development**

# Task Group Meeting

- **Test method ideas**
  - Foam block as fire load
  - If flame cannot stay lit (enclosure does not allow sufficient air for combustion) unit passes
  - If combustion of internal components does occur, data can include observations for smoke and external flame
  - ATIS 0600319.2014 (ANSI T1.319)?
- **Data collected so far**