

Donald Snow

Title: In-flight inerting concepts studied in the 2001 ARAC FTIHWG

Abstract: The presentation will describe the in-flight inerting concepts developed by the on-board design team of the ARAC Fuel Tank Inerting Harmonization Working Group (FTIHWG). The in-flight concepts include On-Board Inert Gas Generating Systems (OBIGGS) that provide full-time inerting, as well as smaller systems that significantly reduce but do not eliminate fuel tank flammability exposure. The system sizing and flammability results for the different generic aircraft models defined for the study will be presented.