



To Aircraft Network and File Server (ANFS) Subcommittee **Date** September 3, 2008

From P. J. Prisaznuk **Reference** 08-146/ANFS-51 cjm
pjp@arinc.com
tel +1 410-266-4113

Subject **Circulation Prior to Adoption Action**
Draft 3 of ARINC Project Paper 763A: Mark 2 Network Server System (NSS)
Form and Fit Definition

Summary The ANFS Subcommittee reached consensus on the content of Draft 3 of **ARINC Project Paper 763A: Mark 2 Network Server System (NSS) Form and Fit Definition** following the ANFS meeting held on August 18-20, 2008, in Denver, Colorado.

This document provides form and fit standards for NSS components for installation in all types of aircraft. It defines the physical form factors, fit dimensions, low level built-in-test (BIT), data loading and the electrical interface definition.

- Section 1 provides an Introduction and Description of the NSS.
- Section 2 provides Interchangeability Standards.
- Section 3 provides System Design Information, including architecture and configurations.
- Section 4 identifies the Functional Capabilities that may be provided.
- Section 5 addresses provisions for Maintenance and Test capabilities.
- Section 6 describes a standard Wireless LAN Unit (WLU) that may be configured to operate as either a Terminal Area Wireless LAN Unit (TWLU) or a Cabin Area Wireless LAN Unit (CWLU).

Technical changes to this draft are provided in **blue bold**.

Action The AEEC staff requests comments on the attached draft. Comments should be sent to Paul Prisaznuk before **October 16, 2008**. If there are no adverse comments this draft will be submitted to AEEC for adoption consideration at the General Session to be held in Tulsa, Oklahoma on October 21-23, 2008.

cc NIS & SAI Subcommittees