



FANS Testing Addendum

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1.0 Introduction

GoDirect Data Link Services' FANS Installation Testing capability is primarily a customer tool that requires FANS testing to support:

- Aircraft installation verification
- In Service Aircraft for post maintenance verification
- After starting service with a new Data Link Service Provider
- Pre-Flight check prior to entering CPDLC
- Internal test during initial development phase
- Honeywell and OEM joint test during initial development phase

2.0 Service Provided to our Customers

Based on the "Introduction" above, Honeywell will provide the following:

- Access to a FANS Test Facility using Honeywell Customer ID GS; and
- ICAO address for FANS Test Facility that can be accessed using ARINC or SITA.
- Test FANS CPDLC equipment via ground network and satellites (Iridium and Inmarsat)

Note: Our use of the term semi-automatic means that the ground system can automatically respond to a customer request with someone in the ground environment being present (test operator).

3.0 FANS Testing Overview

The following diagram provides a basic architecture associated with FANS Installation Testing capability.

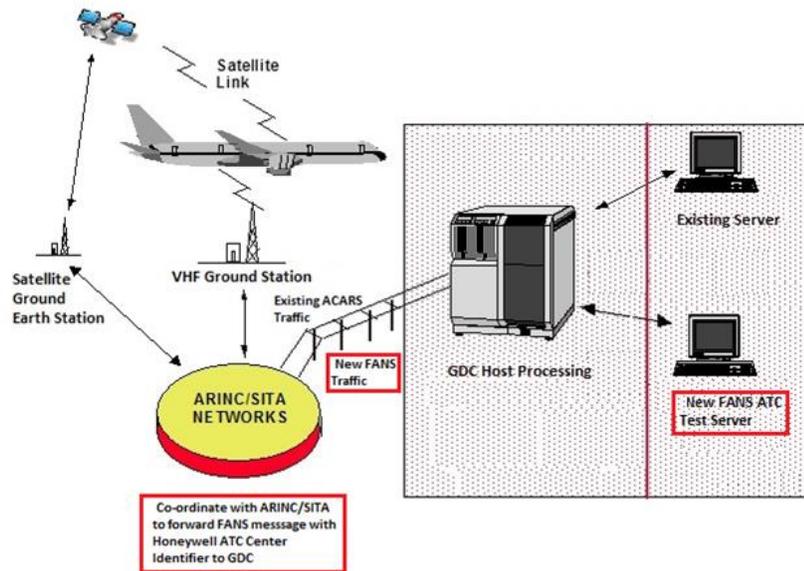


Figure 1 – FANS Testing High Level Architecture

3.1 Honeywell GoDirect Datalink Services

The GoDirect Data Link Services provides VHF and satellite Datalink communications to equipped aircraft worldwide. These services provide datalink graphical, XM and terminal weather, winds & temperatures aloft, flight plan uplinks, digital D-ATIS, pre-departure & ATC oceanic clearances, air-to-ground & air-to-air messages, human assisted, e-mail (including alias codes), voice & fax messages, safety management system integration, FANS Automatic Dependent Surveillance (ADS-C) and CPDLC

GoDirect's robust two-way Aircraft Communications Addressing and Reporting System (ACARS) are compatible with all major VHF HF DL and satellite networks across the globe.

4.0 Honeywell's responsibility

- 4.1 Be ready to start testing at the agreed upon scheduled time.
- 4.2 Will use a standard test as described below.
- 4.3 We will provide at least 24 hours' notice if Honeywell needs to cancel FANS testing.
- 4.4 Honeywell will provide a standard test plan unless otherwise requested.
- 4.6 Upon completion of the testing Honeywell will provide the customer with FANS testing report. The standard reports include the following:
 - Time stamp, Type of message, and message decoded.
 - Provided after testing is complete.
 - Honeywell doesn't provide any sort of evaluation of test results.

Note: Honeywell will not bear any responsibility or liability for negative impacts that may occur during a test session.

5.0 Customer Responsibility:

- 5.1 Schedule FANS testing with at least 3 business days' notice.
- 5.2 Be ready to start testing at the agreed scheduled time.
- 5.3 If testing does not start within 30 minutes upon the agreed scheduled time, Honeywell reserves the right to re-schedule due to GoDirect Flight Services resources.
- 5.4 If canceling testing, customer must provide reasonable notice to Go Direct Flight Services at Email address flightservices@honeywell.com or (602) 365-7020.
- 5.5 Testers/Pilots should have enough knowledge and experience to distinguish test messages from real ATC messages.

Note: When canceling with one business day of the agreed scheduled time:
Honeywell will make every effort, based on available resources, to accommodate the customer's new requested test date, otherwise refer to 5.1