

## ARINC IA Project Initiation/Modification (APIM)

### Name of proposed project

APIM #: 05-002

No Fault Found (NFF) Reduction Guidelines

### Suggested Subcommittee assignment

Future Concepts for Maintenance Subcommittee

### Project Scope

The purpose of this project is to provide a standardized approach to reducing NFFs. The project involves revisiting **ARINC 640: Resolution of Inservice Anomalies Through ASAPP**

As a minimum, the project will focus on:

- Identify the root causes of NFF
- Provide uniform guidance for corrective action
- Define implementation strategy

### Project Benefit

The result of this effort should be the reduction of NFFs that will lead to reduced operating costs, maintenance costs, spares inventory/costs while improving dispatchability.

### Airlines supporting effort

Air Canada

Air Wisconsin

Delta

FedEx

Lufthansa

Netjets

Northwest Airlines

USA3000

Westjet

### Issues to be worked

- Troubleshooting and analysis
- The importance of communication
- Training
- Flight, cabin and maintenance fault perception and reporting
- Aircraft maintenance action
- Component maintenance actions
- Decision support
- Improvement of maintenance documentation
- Uniform implementation strategy
- Evaluate test philosophy
- Influence future aircraft design

**Recommended Coordination with other groups**

FCM Subcommittee

**Projects/programs supported by work**

Existing and future aircraft

**Timetable for projects/programs**

Third Quarter 2006

**Documents to be produced and date of expected result**

**ARINC Report 672: Guidelines for the Reduction of No Fault Found**

**Comments**

**Meetings**

<b>Activity</b>	<b>Mtgs</b>	<b>Mtg-Days</b>
ARINC Report 672	3	9

*For IA staff use*

IA staff assigned: [Roger Goldberg](#)\_\_\_\_\_

Forward to committee(s) (AEEC, AMC, FSEMC): [AMC](#)\_\_\_\_\_

Potential impact: [C](#)\_\_\_\_\_

(A. Safety B. Regulatory C. New aircraft/system D. Other)

Forward to committee(s) (AEEC, AMC, FSEMC): [AMC](#)\_\_\_\_\_ Date Forward: [07/12/05](#)

Committee resolution: [1](#)\_\_\_\_\_

(0. Withdrawn 1. Authorized 2. Deferred 3. More detail needed 4. Rejected)

Assigned Priority: [B](#)\_\_\_\_\_ Date of Resolution: [07/21/05](#)

A. – High (execute first) B. – Normal (may be deferred for A.)

Assigned to SC/WG [FCM Subcommittee](#)