




Federal Aviation Administration

Memorandum

Date: January 2, 2014
To: See Distribution List
From: David W. Hempe, Manager, Aircraft Engineering Division, AIR-100 
Prepared by: Elizabeth Bumann, Engineering Procedures Office, AIR-110
Subject: Guidance for Mandatory Continuing Airworthiness Information (MCAI) Worksheet
Memo No.: AIR100-13-110-801

This memorandum provides guidance for Order 8040.5, *Airworthiness Directives for Mandatory Continuing Airworthiness Information*, regarding the MCAI airworthiness directive (AD) worksheet.

Background

The Transport Airplane Directorate has requested that an additional question be added to the MCAI AD worksheet to address unsafe conditions associated with widespread fatigue damage (WFD) or establishment of a limit of validity (LOV). The new question is intended to harmonize with the domestic AD worksheet (Initiate a New AD Action), question 30.

Guidance

The MCAI AD worksheet was revised to add the following new question 7 (subsequent questions were renumbered accordingly):

7. For Transport Category Aircraft Only:

Is the unsafe condition related to widespread fatigue damage (WFD) (i.e., multiple site damage or multiple element damage) or establishing a limit of validity (LOV) of the engineering data that supports the structural maintenance program?

If yes: (Check only one box)

- (a) The actions were identified as part of the WFD evaluation (i.e., § 26.21 or § 25.571) and/or identified in the design approval holder's binding schedule.
- (b) The actions were identified by means other than the formal WFD evaluation (e.g., in service finding).

- (c) The actions were identified as part of an aging airplane program (reference AC 120-104, paragraph 103) and are necessary to support an airplane reaching its LOV but are not identified as actions related to WFD.

The new question will be used for tracking and communication purposes. When checked, the information triggers the technical writer to include specific language in the MCAI-related AD action.

The revised MCAI AD worksheet can be found at SharePoint site <https://avssp.faa.gov/avs/air100/adinfolib/Shared%20Documents/Forms/AllItems.aspx>. If you have any questions, please contact Elizabeth Bumann at (405) 954-8803.

Distribution List

Manager, Transport Airplane Directorate, ANM-100
Manager, Small Airplane Directorate, ACE-100
Manager, Rotorcraft Directorate, ASW-100
Manager, Engine and Propeller Directorate, ANE-100
Manager, Seattle Aircraft Certification Office, ANM-100S
Manager, Los Angeles Aircraft Certification Office, ANM-100L
Manager, Denver Aircraft Certification Office, ANM-100D
Manager, Airplane Certification Office, ASW-150
Manager, Rotorcraft Certification Office, ASW-170
Manager, Special Certification Office, ASW-190
Manager, Atlanta Aircraft Certification Office, ACE-115A
Manager, Chicago Aircraft Certification Office, ACE-115C
Manager, Anchorage Aircraft Certification Office, ACE-115N
Manager, Wichita Aircraft Certification Office, ACE-115W
Manager, Boston Aircraft Certification Office, ANE-150
Manager, New York Aircraft Certification Office, ANE-170