

中国民用航空局



CIVIL AVIATION
ADMINISTRATION OF CHINA

CAAC

适航指令

AIRWORTHINESS DIRECTIVE

This directive is issued under “Airworthiness Directives of Civil Aircraft” (CCAR-39) of China Civil Aviation Regulations, its contents involve with flight safety and it is mandatory action. Related aircraft will no longer be airworthy, if it is not completed in accordance with this AD.

CAD No. : CAD2014-MULT-28

Amendment No. : 39-8074

1. Title: Ice Protection –Duct Bonding straps – Inspection / Installation

2. Applicability:

MA60 and MA600 aircrafts, all manufacturer serial numbers, manufactured by Xi'an Aircraft Industry (Group) Company Ltd (XAC).

3.Reference:

XAC SB MA60-30-SB429 original;

XAC SB MA600-30-SB104 original;

And later approved revisions of above document are acceptable for compliance with the requirements of this CAAC Airworthiness Directive (CAD).

4. Reason, action and prescription

Reason:

During the quality checks on MA60 aircraft, it was found that the quantity of the bonding straps at the deicing duct of rear fuselage was more/less than what required. This situation will impact on the performance of static discharge and comfortableness for maintenance personnel, and protection from lightning. In order to eliminate unsafe condition and ensure aircraft operations, XAC issued Service Bulletin MA60-30-SB429 and SB MA600-30-SB104.

For these reasons above, this AD was issued to require Inspecting the situation of duct bonding straps and correct unsafe condition based on inspection results at the deicing duct of rear fuselage on all MA60, MA600 aircraft.

Action and Prescription:

Required as indicated, unless already accomplished.

(1) Within 100 flight hours from the effective date of this AD, to inspect the bonding straps at position F and H (Note: there are 2 H positions) of de-icing duct, rear fuselage, in accordance with the instructions of item B, Section 2 Implementation Requirement of Service Bulletin XAC MA60-30-SB429 original and to confirm that the quantity of the bonding straps at position F and H of de-icing duct, rear fuselage is consistent with the number of related IPC illustrations. Or in accordance with the instructions of item B, Section 2 Implementation Requirement of Service Bulletin XAC MA600-30-SB104 original, based on applicable aircraft models.

(2) Upon completion of this directive item (1) above, no bonding strap at position F, and one bonding strap at each position H (Note : there are 2 H positions) are found, and if the installations of bonding straps is consistent with related IPC illustrations, it is not necessary to implement the following requirement of this AD.

(3) Upon completion of this directive item (1), if one bonding strap at position F, and no bonding strap at each position H (Note: there are 2 H positions) are found, within 400 flight hours from the effective date of this AD, to remove the bonding strap at position F, in accordance with the instructions of item C, Section 2 Implementation Requirement of Service Bulletin XAC

MA60-30-SB429 original or Service Bulletin XAC MA600-30-SB104 original, based on applicable models. And to install bonding strap at each position H, in accordance with the instructions of item D, Section 2 Implementation Requirement of Service Bulletin XAC MA60-30-SB429 original or Service Bulletin XAC MA600-30-SB104 original, based on applicable aircraft models.

(4) Upon completion of this directive item (1), If there is not any bonding strap at position F and H (Note: there are 2 H positions), before the next flight, to install the bonding strap at each position H, in accordance with the instructions of item D, Section 2 Implementation Requirement of Service Bulletin XAC MA60-30-SB429 original or Service Bulletin XAC MA600-30-SB104 original, based on applicable aircraft models.

(5) Upon completion of this directive item (3) or (4), to measure the resistance value between the bonding strap and fuselage and make sure the value is no more than 2,000 micro ohm, in accordance with the instructions of item E, Section 2 Implementation Requirement of Service Bulletin XAC MA60-30-SB429 original or Service Bulletin XAC MA600-30-SB104 original, on applicable aircraft models.

(6) Upon completion of this directive item (1), (3), (4) or (5), to report the results to the XAC.

If requested and appropriately substantiated, the Local Authority can accept alternative methods of compliance for this CAD or adjust the time of completed. All of above must be approved by the Local Authority.

The Chinese edition of this CAD has the enforcement by law. The English edition of this CAD is for reference purposes only.

5. Effective date: 2014-06-09

6. Issued date: 2014-06-06

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