

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-56R1

Amendment No. : 39-8277

1. Title: Landing Gear – Nose Landing Gear mechanical indicator-Inspection

2. Applicability:

MA60 and MA600 aircrafts, all serial numbers, Xi’an Aircraft Industry (Group) Company Ltd (XAC).

3.Reference:

XAC SB MA60-32-ASB455 and MA600-32-ASB121, both at R1 (issued on 07, January 2015);

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

This CAD supersedes CAD2014-MULT-56 39-8245

Reason:

A MA60 aircraft encountered nose landing gear (NLG) mechanical indicator failure during operation. Preliminary investigation indicated that the cable of NLG mechanical indicator disconnected.

This condition, if not detected and corrected, could lead to a failure of NLG

mechanical indicator, and thus increase the work load of flight crews, which would affect the safety operation of aircraft.

For the reasons described above, CAAC issued CAD2014-MULT-56, 39-8254, which require an inspection to the NLG mechanical indicator of MA60 and MA600 aircrafts. However, it was found that there may have difficulty to detect the cable damages according to MA60-32-ASB455 and MA600-32-ASB121 at original edition, and some serious damages were found during inspections. Thereafter, XAC issued revision 1 of MA60-32-ASB455 and MA600-32-ASB121, provide new inspection measures for the affected cable, and require corresponding corrective actions based on the inspection results.

Action and Prescription:

Required as indicated, unless already accomplished.

(1) After the effective date of this CAD, before the first flight of next day, accomplish an inspection of NLG mechanical indicator according to MA60-32-ASB455 R1 and MA600-32-ASB121 R1, as applicable, and report the inspection results to XAC.

(2) For aircraft which has been inspected according to CAD2014-MULT-56:

2.1 If no abnormal condition was found during inspection, accomplish the inspections required in paragraph (1) of this CAD for this aircraft.

2.2 If the affected cable has been replaced after the inspection, this could be considered as acceptable for compliance with this AD.

(3) If any abnormal conditions was found during the inspections required in paragraph (1) of this CAD, before the next flight, contact XAC to obtain corrective actions and implement these actions accordingly.

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.

This CAD is published in both Chinese and English. In case any discrepancy

exists between the Chinese and English context, the Chinese version shall prevail.

5. Effective date: 2015-01-13

6. Issued date: 2015-01-13

7. Contact Person:tanzhen

Northwest Regional Administration of CAAC

029-88791073

tanzhen@nwcaac.gov.cn