



MANDATORY BULLETIN

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M337AK.1/12a

Scope: Revoked M337AK.1 engine regular inspections after every 50 hours of operation in the Czech military forces, superimposed with regular inspections after every 100±10 hours of engine operation. Implementation of the necessary modifications to the “Technical description and service manual of M337AK.1 engine” (hereinafter referred to as Manual) related to the changeover to the 100±10 hours of engine operation regular inspections. Implementation of additional modifications to the Manual based on personal experience taken from M337AK.1 engines operation and corrigendum.

Justification: Simplified maintenance of the M337AK.1 engine in operation as the regular inspections have been unified with the Z142CAF aircraft regular inspections. Verified with the inspection program of LOM PRAHA s.p. approved by OLL GS under ref.no. 438/26-2-83 and assessed in TZ 3/99-KPM technical report. Update of the operation technical documents – Manual.

Provisions: This bulletin supersedes the inspections of the M337AK.1 engines in service for the Czech military forces after every 50 hours of operation with regular inspections to be carried out after every 100±10 hours of operation of the engine following the procedures described in the Manual. The user is to make the order of the engines in the cycle so that the 100±10-hour inspection of the engine correspond the aircraft inspection.

Operation manuals modifications: Find attached to this bulletin new pages in force to the registered Manual copies. Every user of a registered Manual copy shall receive this bulletin together with the new pages-in-force set to insert these into their registered copies to replace the original ones and record the change on the “page ii)” on the Manual introductory part following the instructions mentioned on Manual page 1-2. The new pages with the modified text shall bear new publication date: 29.9.1999. The replaced pages are due to destruction.

List of modifications: a) Modifications related to the changeover to the 100±10-hour regular inspection system:

- cancel the part “7. Inspection after every 50±10 hours of operation following the 100-hour inspection” in Chapter 6 of the Manual causing graphics to shift the text and numbering of the following articles;
- change the article “Inspection after the first 50±10 hours of operation” to “Inspection after the first 50±5 hours of operation”;

- add the operation under item “ac)”, i.e. inspection of MON 1818.2 oil hose ducts lifetime, to the text of the inspection after 100±10 hours of operation procedure.

b) Other modifications introduced from the experience basis in operating the M337AK.1 and corrigenda:

- divide the tracked parts table in the text of the inspection after 100±10 hours of operation procedure into two: tab.6-1 Instruments and tab.6.2 Parts.
- correct the prod. number Sh6618 to Sc6618 in the parts table, cancel the collar no. 1002371 and add MON1818.2 oil hose ducts;
- reorder the steps of the post-1000±10 hours of operation inspection so that it better suit the work flow, adding the so far implicit steps under the items k/, l/, m/, n/, o/, p/.
- add “with ADX766M additive” to BL78 fuel in part 4 Service materials, page 4-2 leaving the rest of the text unchanged;
- correct ling f/ to g/ in paragraph a/, part 7, page 7-16;
- delete the legend at Fig. 7-9, part 7, page 7-26 moving it to Fig. 7-10, page 7-28 which is correct;
- omit pages 7-37 and 7-38 in part 7 and in the pages-in-force list as those abated by the Bulletin M337AK.1/7a issue that cancelled metal hoses; the change shall result in modified Part 7 “Contents”, page 7-1.
- make the text related to the time to overhaul, page 3-9 comply the Czech Air Force Engineering Support Guideline 4/96, part III, aircraft L29, L39, Z142CAF;
- complete the excessive speed text, page 3-10 with oil cleaners inspection;
- change the date of modification to 29-09-1999 in the Pages in force list, pages iii), iv) and v) for the modified pages.

Responsible for carrying out: User shall replace the pages in the registered Manual copies and shall incorporate the M337AK.1 engine regular inspections after every 100±10 hours of operation.

Material: supplied by LOM PRAHA s.p.

Cost: paid by the user

Validity: on the date of bulletin reception

Given in Prague on 18/10/1999

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