



# LOM PRAGUE

100 38 PRAHA 10 • 270 ČERNOKOSTELECKÁ STREET

CZECH REPUBLIC

M 137A/15b  
M 137AZ/8b  
M 337/76b  
M 337A/10b  
M 337AK/5b

## INFORMATION BULLETIN

**REFERS TO:** The possibility of the prolongation of the operational time of M 137A, M 137AZ, M 337, M 337A and M 337AK engines within the period till the first and subsequent overhaul:

- 1) If the MS-20 aviation mineral oil conforming to GOST 2174376 specification was utilized, the operational time can be prolonged from 800 to 1,000 flight hours.
- 2) If aviation oils with additives conforming to MIL-L-22851D specification were used /e.g. Aero Shell Oil W 100, ELF Aviation Oil AD 100, Total Aero D100 /the operational time can be prolonged from 1,000 to 1,200 flight hours.

The prolongation can be carried into effect only with engines newly produced before June 30, 1991 or with engines overhauled at ČSA Praha Ruzyně, LOM Prague or other plants authorized by LOM Prague to provide such services.

**REASON :** The prolongation of the operational time of the engines according to this bulletin was decided on the basis of:

- experience gained during the operation and overhaul of the engines,
- judgement of the technical conditions of selected engines and results of 150-hour tests conducted at LOM according to FAR regulations, and
- testing room verification of parameters of engines which operated throughout the determined operational time without failures.

The prolongation of the operational time before the first overhauling and after overhauling from 800 to 1,000 hours or from 1,000 to 1,200 flight hours is possible provided:

- a) the engine operated without any substantial failures to achieve the determined operational time of 800 or 1,000 flight hours,
- b) prior to final decision the engine was subjected to a 50-hour inspection conducted according to valid regulations prescribed for the type of the engine concerned,
- c) a thorough inspection of the technical condition as well as work prescribed by LOM Prague internal technological instruction was conducted by a specialist authorized to carry out such work and approve the prolongation of the operational time, and

- d) no treatment beyond the framework of the operational manual and bulletins was conducted within the period from the date of the production of the engine to its overhauling by any other subject except ČSA, LOM Prague or plants authorized in writing to provide such services.

**EXECUTION:** Treatment within the extent of the 50-hour inspection shall be carried out by the user of the engine himself including the confirmation of the work done by making an entry in the engine log book.

The prolongation of the operational time shall be effected according to a LOM Prague technological instruction by a LOM Prague appointed specialist.

Material necessary for the treatment of the engine within the extent of the 50-hour inspection shall be provided the user.

Material necessary to cover work prescribed by the bulletin and internal technological instruction and for other work required by the user shall be provided by LOM Prague.

**COSTS:** The user shall bear all costs.

**VALIDITY OF THE BULLETIN:** After the receipt of the bulletin and according to the decision of the user.

**NOTE :** The publication of this bulletin shall cancel the validity of bulletin No: 01/M 137A/AZ, M 337, M 337AK

On the day of the publication of the bulletin.

Prague, December 15, 1994

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Engine producer's representative

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