



## MANDATORY BULLETIN

No. M332/76aR1	M332B/5a
M332A/10aR1	M332C/1a
M332AK/9aR1	M337B/5a
M337/86aR1	M337C/2a
M337A/12aR1	M132C/1a
M337AK/9aR1	M137C/1a
	M132A/7aR1
	M132AK/7aR1
	M137A/18aR1
	M137AZ/13aR1

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Concerning: Survey of documentation necessary for performance of inspections, repairs, maintenance and overhauls.

Reason: Unification and updating of documentation equipment at the engine users and at the companies performing the servicing and repair activity. Fulfilment of requirement of the Civil Aviation Authority of the Czech Republic. Updating of the documentation survey.

Actions: In compliance with the request of the Civil Aviation Authority of the Czech Republic, letter ref. No. 2531/921 dated 17.3.1997 we are issuing the survey of the valid issued documentation necessary for performance of inspections, repairs, maintenance and overhauls of aircraft piston engines M332, M332A, M332AK, M332B, M332C, M337, M337A, M337AK, M337B, M337C, M137A, M137AZ, M137C, M132A, M132AK, M132C. On the day of receipt of this Bulletin the below mentioned documentation may be ordered directly in LOM PRAHA s.p. or through authorised distributors. The delivery will be realised based on the advance payment. The aviation authorities shall receive the service bulletins free of charge.

Survey of engines and type certificates:

Aircraft piston engine – type designation	No. of type certificate of LOM PRAHA s.p.	Date of issue/revision of CAA CZ	Note
M332, M332A, M332AK, M332B, M332C	92-08	15.06.2001	
M132A, M132AK, M132C	98-06	19.09.2002	
M337, M337AK, M337A, M337B, M337C	96-03	29.09.2003	
	94-06	15.06.2001	
	98-04	05.12.2000	
M137A, M137AZ, M137C	96-02	29.09.2003	

## 1. Documentation necessary for inspections, repairs and maintenance

### 1.1. Engine technical description and service manual

This documentation contains the technical description of engines and their parameters, operation instructions, periodical inspections and way of maintenance. Changes in the Technical description and service manual and in the annexes are at the registered holders performed by replacement of sheets based on approved bulletins or through its revision. After the bulletin is approved, the registered holder shall receive the copy of bulletin and a corresponding number of sheets to be replaced. The price shall be charged as per the scope of change.

No. of document	Name	Effective for engines	Year of issue	Date of approval by CAA	Note
Without number	Engine technical description and service manual	M337A,AK, M332A,AK, M137A,AZ, M132A,AK	1.1.1998	21.4.1998	Revised and amended issue
Annex No.1	M 337B aircraft engine	M337B	07.04.1997	June 1998	
Annex No.2	M 337C aircraft engine	M337C	18.06.2000	October 2000	
Annex No. 3	M 332B aircraft engine	M332B	24.01.1997	November 1998	
Annex No. 4	M 332C aircraft engine	M332C	01.07.2002	18.09.2002	
Annex No. 5	M 132C aircraft engine	M132C	16.04.2003	June 2003	
Annex No. 6	M 137C aircraft engine	M137C	16.04.2003	June 2003	

## **1.2 Catalogue of engine spare parts**

In a graphical form the Catalogue illustrates the parts and assemblies of respective engine and it shows the respective drawing number of the part or assembly under the corresponding position. This part must be ordered and after then bought under this drawing number in LOM PRAHA s.p.

Document number	Name	Effective for engines	Year of issue	Note
Without number	Spare parts catalogue	M 332A M 332AK	1998	
Without number	Spare parts catalogue	M132A M132AK	1996	
Without number	Spare parts catalogue	M 337A M 332AK M337AK.1	1998	
Without number	Spare parts catalogue	M 137A M 137AZ	1994	
Without number	Spare parts catalogue	M 337B M 337C	2002	
Without number	Spare parts catalogue	M 332B M 332C	2003	

## **1.3 Changes in Spare parts Catalogue**

The registered holders of Spare parts catalogue shall receive the new or revised sheets in compliance with approved changes. The price shall be charged according to the scope of change.

## **1.4 Lists of issued bulletins**

The lists of issued bulletins are worked out for individual types of engines and shall be delivered against order. According to them an operator of the respective engine may place an order for the missing bulletins. The lists of issued bulletins are updated at the beginning of each year. When ordering the lists the applicant may ask to be registered into the records. The registered holders shall receive also further updated lists, always at the beginning of a calendar year.

## **1.5 Mandatory and information bulletins**

Bulletins contain the instructions and information on mandatory or permitted inspections or they introduce changes into the Technical description and service manual and into the Overhaul manual of the M series engines. When ordering the bulletins the interested person may require to be registered into the records. The registered holders shall receive continuously all bulletins issued.

## 2. Documentation necessary for overhauls of aircraft piston engines

### 2.1 Overhaul manual of the M series engines

It contains the instructions on works to be performed, renovation possibilities of a repair, mandatory inspections of parts by defect methods, ways of measurement and visual inspections, the obligatory discarding of parts, using of fixtures at repairs, installations and testing. It stated the basic conditions of repair so that the engine after repair attains the performances defined in the Overhaul manual of the M series engines.

All amendments and changes are performed by replacement of sheets at the registered holder based on an approved bulletin. The price is charged according to the scope of change.

No. of document	Name	Effective for engines	Date of issue	Date of approval by CAA CZ	Note
Without number	Overhaul manual	M332, M132, M337, M137 of all versions	May 2002	03.12.2003	2 <sup>nd</sup> issue

## 3. Other documentation

### 3.1 Installation drawings for engine

From the day of issue of this bulletin the system drawings (installation drawings) may be delivered in the ration scale 1:5 in the A0 format. When ordering the drawings the applicant may require to be registered into the records. The registered holders shall receive the possible changes of installation drawings. The price is being charged according to the scope of change.

Document No.	Name	Effective for engine	Date of issue	Note
Sc 0005A	Engine installation drawing	M 332A	24.06.1996	
Sc 0005AK	Engine installation drawing	M 332AK	30.08.1994	
Sc 0005C	Engine installation drawing	M 332B,C	19.09.2003	
Sh 0006AK	Engine installation drawing	M 337AK	24.06.1996	
Sh 0006B	Engine installation drawing	M 337B,C	24.03.1998	
Sh 0008	Engine installation drawing	M137AZ	24.06.1996	
Sc 0007A	Engine installation drawing	M 132A	10.06.1996	
Sc 0007AK	Engine installation drawing	M 132AK	24.06.1996	
Sh 0008C	Engine installation drawing	M 137C	24.02.2003	
Sc 0008C	Engine installation drawing	M 132C	17.02.2003	

Caution:

1. LOM PRAHA s.p. with respect to the "product liability" (responsibility for the product) may not distribute whatever documentation of its sub-suppliers. Their addresses are available at premises of LOM PRAHA s.p.
2. Through issuing of this Bulletin, all previous documentation which was issued for inspections, maintenance, repairs and overhauls of engines of the M332, M337, M137 series by the companies Walter, Motorlet, Avia and Opravny ČSA, with the exception of documentation shown in paragraph 3 of this Caution, is being cancelled. The original documentation issued by these companies is not subject to the revision process and therefore its discarding is unconditionally necessary. The original documentation shall become null and void on the day when the new documentation is received, nevertheless its validity lasts till 31.12.1998 at the latest. It is in the interest of holders to order the new documentation in time.
3. Due to a limited number of the M332 and M337 engines in operation, the following accompanying documentation issued by the Motorlet company – Jinonice shall be valid also in the future (see the paragraph 1.1 and 1.2 of this Bulletin):
  - a) M332 aircraft engine Description – Servicing - Maintenance;
  - b) M337 aircraft engine Description – Servicing - Maintenance;
  - c) M332 aircraft engine Spare Parts Catalogue;
  - d) M337 aircraft engine Spare Parts Catalogue.

The possible changes of these documents shall be introduced in the form of bulletin published by LOM PRAHA s.p.

4. Through this Bulletin the following documentation issued by the LOM PRAHA s.p. is being cancelled:
  - a) Technical description and service manual of the M332, M337/M137 of all versions issued in 1991 (A4 format in a spiral notepad)
  - b) Technical description and service manual of the M332, M337/M137 of all versions issued in 1993 (A5 format in a spiral notepad).

This documentation shall become null and void on the day when the new documentation is received, its validity lasts till 31.12 1998 at the latest. It is in the interest of holders to order this documentation in time (see the paragraph 1.1. of this Bulletin).

5. Whatever publications of LOM PRAHA s.p. may be multiplied (copied) only under agreement of power unit engineering department of LOM PRAHA s.p.. The recipient of documentation is responsible for its confidential usage and may not provide it to the third person without the written content of LOM PRAHA s.p.

6. The revision service is being provided by the sales department of LOM PRAHA s.p.  
Tiskařská 8  
100 38 PRAHA 10

7. This Bulletin supersedes the following bulletins:

M332/76a  
M332A/10a  
M332AK/9a  
M337/86a  
M337A/12a  
M337AK/9a  
M132A/7a  
M132AK/7a  
M137A/18a  
M137AZ/13a

Costs : Shall be covered by the user  
Effectivity: On the day of Bulletin issue

Praha on: 03.12.2003

Ing. Josef Pietrik, signed

QC Deputy  
LOM PRAHA s.p.

Ing. Kamil Horáček, signed

Statutory representative  
LOM PRAHA s.p.