



MarS a.s., Okružní II 239, 569 43 Jevíčko

**SERVICE  
BULLETIN**

**CZECH REPUBLIC**

**C**

## **SERVICE BULLETIN No. M ATL – 01 – 14**

### **CHANGE OF THE MODE FOR EXTENDING THE LIFETIME OF EMERGENCY PARACHUTES ATL**

#### **1. CONCERNS:** Emergency parachutes:

- ATL - 88, Type Approval No.: S-101-02/15-92, issued by Civil Aviation Authority of the Czech Republic;
- ATL - 88/90, Type Approval No.: S-103-02/46-96, issued by Civil Aviation Authority of the Czech Republic;
- ATL-88/92-S, Type Approval No.: S-102-02/44-96, issued by Civil Aviation Authority of the Czech Republic;
- ATL-88/98-S, Type Approval No.: S-82-03, issued by Civil Aviation Authority of the Czech Republic;

#### **See measures as per point 3.1.**

- ATL-88-1, ETSO Authorisation No. EASA.210.1011 Rev. A, issued by EASA Agency;
- ATL-88/90-1, ETSO Authorisation No. EASA.210.1011 Rev. A, issued by EASA Agency;
- ATL-88/92-S-1, ETSO Authorisation No. EASA.210.1011 Rev. A, issued by EASA Agency;
- ATL-88/98-S-1, ETSO Authorisation No. EASA.210.1011 Rev. A, issued by EASA Agency;

#### **See measures as per point 3.2.**

#### **2. REASON:** Increasing the user comfort related to the extension of the parachute series ATL lifetime in relation to compliant results of the parachute series ATL inspection performed by the existing procedure to this day.

#### **3. PROCEEDING:**

##### **3.1 Extending the lifetime of emergency parachutes ATL-88, ATL-88/90, ATL-88/92-S and ATL-88/98-S (hereinafter referred to as parachute)**

Lifetime

- 3.1.1 The basic lifetime of the parachute is 15 years from the production date providing the instructions specified in the Technical description and directions for use and maintenance are observed.

The basic lifetime can be extended to the total lifetime at maximum 20 years. **Organization authorized for performing the maintenance** will extend the lifetime in well preserved parachute based on the positive inspection results.

The inspection performance and specification of total lifetime is recorded in the parachute log book, up to § 10.

In case the parachute requires repair work, the organization authorized for performing maintenance will perform it and specify the lifetime period.

Extending the lifetime requires the parachute to be submitted prior to the basic lifetime termination.

During the period the parachute does not have the valid lifetime, it must not be used in operation. The manufacturer does not guarantee the parachute function, and in case of exceptional event, it is not responsible for potential damages to health and property.

After the parachute lifetime extension **after 15 years**, a person authorized to perform the parachute package for use, must check the technical state and completeness of the parachute prior to its packaging for use.

If the parachute state is compliant, an authorized person will pack the parachute and the parachute eligibility for further operation will be confirmed by a record into the parachute log book for the period of max. 365 days.

This person authorized can apply this procedure until using the total lifetime of the parachute.

In case of finding unsuitable technical state of individual parachute parts which is in breach of the regulations stated in the Technical description and directions for use and maintenance, the parachute must be eliminated from operation, and the incompliant part must be replaced, or the parachute must be sent to an organization authorized for performing maintenance.

The organization authorized for performing maintenance will recommend the performance of potential repair work of the parachute or eliminate the parachute from operation and terminate its use.

3.1.2 The parachute with lifetime extended to **17 or 19 years**, an **authorized person** performing the parachute packaging for use, perform record about extending the lifetime to max. 20 years to the loog book, upon positive results of the parachute inspection.

Record on the inspection performance, reference to the number of this service bulletin, and specification of total lifetime is recorded in the parachute log book, up to § 10.

The person authorized for performing the parachute packaging for use, must perform the inspection of the parachute completeness and its technical state prior to its packaging for use.

If the parachute state is compliant, an authorized person will pack the parachute and the parachute eligibility for further operation will be confirmed by a record into the parachute log book for the period of max. 365 days.

The person authorized can apply this procedure until using the total lifetime of the parachute.

In case of finding unsuitable technical state of individual parachute parts which is in breach of the regulations stated in the Technical description and directions for use and maintenance, the parachute must be eliminated from operation, and the incompliant part must be replaced, or the parachute must be sent to an organization authorized for performing maintenance.

The organization authorized for performing maintenance will recommend the performance of potential repair work of the parachute or eliminate the parachute from operation and terminate its use.

### **3.2 Extending the lifetime of emergency parachutes ATL-88-1, ATL-88/90-1, ATL-88/92-S-1 and ATL-88/98-S-1 (hereinafter referred to as parachute)**

Lifetime

- 3.2.1 The total lifetime at parachute manufactured after the date June 12<sup>th</sup> 2014 is specified for the maximum of 20 years from the production date providing the instruction specified in the Technical description and directions for use and maintenance are observed.

The total lifetime depends on the technical state of the parachute or its parts.

The person authorized for performing the parachute packaging for use is obliged to check the parachute completeness and its technical state.

If the parachute state is compliant, an authorized person will pack the parachute and the parachute eligibility for further operation will be confirmed by a record into the parachute log book for the period of max. 365 days.

The person authorized can apply this procedure until using the total lifetime of the parachute.

In case of finding unsuitable technical state of individual parachute parts which is in breach of the regulations stated in the Technical description and directions for use and maintenance, the parachute must be eliminated from operation, and the incompliant part must be replaced, or the parachute must be sent to an organization authorized for performing maintenance.

The organization authorized for performing maintenance will recommend the performance of potential repair work of the parachute or eliminate the parachute from operation and terminate its use.

- 3.2.2 The parachute in operation, an **authorized person** performing the parachute packaging for use, perform record about extending the lifetime to max. 20 years to the log book, upon positive results of the parachute inspection.

Record on the inspection performance, reference to the number of this service bulletin, and specification of total lifetime is recorded in the parachute log book, up to § 10.

The person authorized for performing the parachute packaging for use, must perform the inspection of the parachute completeness and its technical state prior to its packaging for use.

If the parachute state is compliant, an authorized person will pack the parachute and the parachute eligibility for further operation will be confirmed by a record into the parachute log book for the period of max. 365 days.

The person authorized can apply this procedure until using the total lifetime of the parachute.

In case of finding unsuitable technical state of individual parachute parts which is in breach of the regulations stated in the Technical description and directions for use and maintenance, the parachute must be eliminated from operation, and the incompliant part must be replaced, or the parachute must be sent to an organization authorized for performing maintenance.

The organization authorized for performing maintenance will recommend the performance of potential repair work of the parachute or eliminate the parachute from operation and terminate its use.

**4. APPROVAL:** This Service bulletin specifies a change to the mode of the lifetime extension for the emergency parachutes series ATL as insignificant change to technical conditions no. TPF 01-5348-89 for emergency parachutes series ATL, approved by Design Organization at MarS a.s.

**5. VALIDITY:** From June 12th , 2014

**6. ATTACHMENTS:** -

**7. DATE OF ISSUE:** In Jevíčko on June 10th , 2014

Ing. Jaroslav Sedlák  
Technical Department Manager, MarS a.s.

Stamp and signature:



A handwritten signature in blue ink, appearing to be "J. Sedlák", written over the stamp.