



## SERVICE BULLETIN No. 01/03/2019

### EXTENDING THE LIFETIME OF SPORTING PARACHUTE'S PARTS TO 20 YEARS

- 1. CONCERNS:** A) Parachute containers series OP-087, OP-093, OP-103, OP-095 and harnesses series PS-034, PS-055, PS-052, including the parts,  
B) Reserve parachutes /WITTY PLUS, WP-110, WP-130, WP-150, WP-175, WP-210, WP-260, WP-370/ including the parts, and reserve parachutes PZS-92.
- 2. REASON:** Based on long lasting collection of information and its analysis, the manufacturer extends the lifetime of the above defined parts up to 20 years.

**3. MEASURES:**

**3.1 Extension of the lifetime of the sporting parachutes' parts produced before 31.12.2014.**

**Only the manufacturer can extend the lifetime from 15 to 20 years.**

The user shall send the parachute parts to the manufacturer for the extension of the lifetime with the technical cards.

The manufacturer shall complete the technical inspection of the parachute parts and make a record on completed inspection in the respective technical cards.

If the inspection is compliant, the manufacturer shall make a record on the extension of lifetime **to maximum total lifetime of 20 years.**

Only the manufacturer can also extend the lifetime **for the period below 20 years, further** lifetime extension (up to 20 years) can be performed solely **by the manufacturer.**

**NOTICE:**

**If the parachute parts do not have extended lifetime by the manufacture or valid technical inspection, the manufacturer does not guarantee the function, and in case of exceptional event it is not responsible for potential damages to health and property.**



In case the total lifetime was extended by the manufacturer from 15 years to 20 years, the **persons authorized** can perform the technical inspections of the parachute parts (the master parachute rigger /MPR/, senior parachute rigger /SPR/) with the validity of technical inspection for 2 years during the last 5 years of the service life.

### **3.2 The lifetime of the sporting parachutes' parts produced after 01.01.15.**

The lifetime has been specified by the manufacturer for 20 years from the date of production, providing the instructions specified in the Technical Specification are observed.

### **3.3 Performing the technical inspection by person authorized**

**The person authorized** (the master parachute rigger /MPR/ and senior parachute rigger /SPR)

- See regulation V-PARA-1 (point 2.1.16.2 or point 2.1.16.3) is entitled to perform:
  - Parachute inspection – see point 5.1.3 of regulation V-PARA-1,
  - Parachute packing – see point 5.1.4 of regulation V-PARA-1,
  - Technical inspection with the validity of 2 years after 5 years of the parachute use.

The result of technical inspection, the person authorized will record in the respective technical record and state the date of validity until the next technical inspection.

The person authorized can apply this procedure until using the total lifetime of the parachute max. 20 years.

The lifetime of the parts without technical card is monitored according to the production date and their use is limited by the physical state found by the authorised person or the parachute packer during the inspection of the package before use.

The parts without indicated identification (e.g. steering toggles, bridles etc.) are limited in the use by the physical state found by the authorised person or the parachute packer during the inspection of the package before use.

#### **NOTICE:**

- Incompliant parts must not be used.



- **Lifetime of the below parts:**

- Main Risers of the main parachutes
  - Replace the Main Risers of series VK-33/ ... (mini-system) at the latest after completing 300 dives or after 5 years.
  - Send the Main Risers of series VK-44/ ... at the latest after completing 300 dives or after 5 years of use to the manufacturer or in person to authorised manufacturer for technical inspection.
- Rubber parts of parachutes, pull up cords, etc.  
The lifetime is limited by their physical state.
- Main parachutes  
The lifetime is limited by their physical state.

**4. VALIDITY:** From date of issue.

The issue of this service bulletin terminates the applicability of formerly issued service bulletins:

No.

- 1/01/2003 from 10.01.2003 The parts of the parachute sets produced by MarS spol.s r.o. and MarS a.s.
- 3/04/2004 from 15.4.2004 Lifetime of sport emergency/reserve parachutes and their parts (parachute containers with harness).
- 02/07/2005 from 09.07.2005 – Inspections of sport reserve parachutes and their parts (packaging parts with the harness) after the originally defined lifetime of 10 years.
- 01/03/2011 from 14. 01. 2011 – Extension of lifetime of Reserve Canopy PZS-92 over 15 years.
- 02/05/2011 from 12. 05. 2011 – Extension of lifetime of Reserve Canopy PZS-92 over 15 years – specification of the conditions.
- 01/01/2013 from 14. 01. 2013 – Extension of lifetime of Reserve Canopy WP over 15 years.
- 03/01/2014 from 24. 01. 2014 – Extension the basic lifetime of sport parachutes parts over 15 years – specification of conditions.



**MarS a.s., Okružní II 239, 569 43 Jevíčko  
Czech republic**

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- 02/02/2015 – Extending the lifetime of the parachute containers with harness and reserve parachutes.
- 03/03/2015 – Extending the lifetime by authorised persons of parachute containers with harness and reserve parachutes.

**5. ANNEXES:** Annex No. 1 – Traffic card of the parachute container with harness – example of the process completing by the manufacturer and authorised persons.

**6. DATE OF ISSUE:** In Jevíčko on 14. 03. 2019

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

Stamp & Signature:







MarS a.s., Okružní II 239, 569 43 Jevíčko  
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Annex No. 1

Pages: 1

**Technical card for the parachute container with harness**  
**- completion process by the manufacturer and authorised persons**  
(the master parachute rigger /MPR/, senior parachute rigger /SPR/)

After the completed compliant technical inspection of the package with the harness, the authorised person will complete the title page of the technical card with the date of validity until the next performance of technical inspection (extension by the maximum of 2 years).

Further technical inspection can be performed by a person authorised within the defined deadline.

**SAMPLE OF THE TITLE PAGE**

PROHLÍDKY A BALENÍ V PROVOZU FIELD INSPECTIONS AND PACKING			TECHNICKÁ PROHLÍDKA - RIG INSPECTION			TECHNICKÝ PRŮKAZ TECHNICAL CERTIFICATE			TECHNICKÁ PŘEJÍMKÁ - GEAR ACCEPTANCE		
DATUM DATE	Jméno / č. oprávnění SURNAME / AUTHORIZATION NO.	POPS SIGNATURE	PLATÍ DO VALID TILL	02. 03. 2021		VÝROBEK - GEAR <b>Obal padáku s postrojem</b>					
			DATUM DATE	05. 03. 2019		ÚVODNÍ - MANUFACTURER MarS a.s. Okružní II 239, Jevíčko - CZ Tel: +420-81-353 641, Fax: +420-461 353 961					
			POPS SIGNATURE			Typ - TYPE PP-034, PS-034W					
			RAZÍTKO SEAL			VÝROBNÍ Č./S. SERIE - IDENTIFICATION NO/SERIAL NO. 01234/04 101					
			PLATÍ DO VALID TILL			MÍSTO A DATUM VÝROBY - PLACE AND DATE OF MANUFACTURE 22. 03. 2004					
			DATUM DATE			Typ schválení - AIRWORTHINESS APPROVAL BY 08. 09. 1995					
			POPS SIGNATURE			PŘEBALOVACÍ CYKLUS - CYCLE OF REPACKAGING 180 DNÍ					
			RAZÍTKO SEAL								

The manufacturer will also complete a record on the inside page of the technical card as regards:

- completed technical inspection and the result
- extending the lifetime of the package with the harness for 20 years in relation to the issued Service bulletin No. 01/03/2019 + signature + stamp.

The person authorised will also complete a record from the manufacturer on the inside page of the technical card as regards:

- completed technical inspection and the result + signature.

**SAMPLE OF THE INSIDE PAGE**

ROČNÍ PŘEHLED POUŽITÍ - ANNUAL REVIEW			OPRAVY A PROHLÍDKY REPAIRS AND INSPECTIONS			MAJITEL - OWNER			PROHLÍDKY A BALENÍ V PROVOZU FIELD INSPECTIONS AND PACKING		
ROK - YEAR	POČET POUŽITÍ - No. OF APPLICATIONS		DATUM / DŮVOD / POVÝZNĚNÍ - DATE / ACTIVITY / REASON/REMARK	JMÉNO - FULL NAME		DATUM DATE	Jméno / č. oprávnění SURNAME / AUTHORIZATION NO.	POPS SIGNATURE			
	ZA ROK - YEARLY	CELKEM - IN TOTAL	35. 03. 2019 Změna Travnice - prohlídka / hodnota	ADRESA - ADDRESS							
			ZMĚNA VOTNOSTI OBALU PADÁKU S POSTROJEM	ZMĚNY A POZNÁMKY - CHANGES AND NOTES							
			PRODLUŽENA DO: 02. 03. 2021								
			viz termín Jevíčko č. 01/03/2019								