




# TECHNICAL & SAFETY COMMITTEE

## INTERNATIONAL PARACHUTING COMMISSION (FAI)



<b>Technical &amp; Safety Information Notice No.</b>	<b>02/2011 MarS Ripcord Handle Pins</b>  <b>W.N. 37</b>						
<b>Date of Issue</b>	<b>24 February 2011 -</b> <b>Note – while the MarS Service Bulletin is dated September 10<sup>th</sup> 2010, it was received by the T&amp;S Committee on 24 February 2011.</b>						
<b>Subject Matter and Applicability</b>	<table border="1"><tr><td></td><td><b>MarS a.s., Okružní II. čp. 239, 569 43 Jevíčko</b> <b>CZECH REPUBLIC</b></td><td><b>SERVICE BULLETIN</b>  <b>C + M</b></td></tr><tr><td colspan="3"><p align="center"><b>SERVICE BULLETIN No. 11/09/2010</b></p><p align="center"><b>Check of Ripcord Handle Pins</b></p><p><b>1. APPLIESTO:</b> the pins of ripcord handle reserve parachutes U – 064 (pic.1), U – 051 (pic.2) and U – 069 (pic.3), produced by Synck company (pressed pins – hexagonal press, see pic. 4 A – straight and pic. 4 B – bent), which are parts of: Parachute sets Real – X, OP-103/ PS-034 S (U – 051) OP-103/ PS-034 U (U – 064 or U – 051) or OP-103/ PS-055 (U – 064), Containers of parachutes with harness OP-087/ PS-034 S (U – 051) OP-087/ PS-034 U (U – 064 or U – 051) OP-087/ PS-034 UL (U – 064) OP-09301/ PS-034 S (U – 051), and Parachute sets MarS – T, OP-0951/PS-0521 (U – 069), delivered by MarS a.s. Jevíčko, used in civil aviation, and further Parachute sets M 282 a M 291 (U – 051), and Parachute sets PPSO CZ 330 (HOP 330) (U – 069), delivered by MarS a.s. Jevíčko, used in military aviation.</p><p><b>2. REASON:</b> During multiple tests for attestation of power for tearing off the ripcord handle it was found out gradual increase of the power beyond the permissible range that is defined by the regulation (22,2 to 97,9 N). During analysis of this situation it was found out that during the multiple tearing-off the ripcord handle the surface of the ripcord pin body can be damaged. This state can further cause an increase of power needed for tearing off the ripcord handle.</p><p><b>3. MEASURES:</b></p><ul style="list-style-type: none"><li>- A user or a packer licensed to pack the reserve parachutes (authorized person) proceeds a check of the ripcord handle pin at the products mentioned in part 1 and in case the pin body is found damaged, he/she puts the parachute set out of service.</li><li>- Further he/she sends a report with the type number of the ripcord handle and also the length of the ripcord handle at the type U-064 and U-051 to MarS a.s. Jevíčko to the fax number + 420 461 353 861 or to an E-mail <a href="mailto:mars@marsjev.cz">mars@marsjev.cz</a>.</li><li>- The producer sends the new ripcord handle to the user free of charge.</li><li>- The user sends the original part of the ripcord handle back to the producer.</li><li>- In case there is also excessive damage on the flap grommet, which is placed under the ripcord handle pin body during packing, the user send the container of the parachute with harness and with</li></ul></td></tr></table>		<b>MarS a.s., Okružní II. čp. 239, 569 43 Jevíčko</b> <b>CZECH REPUBLIC</b>	<b>SERVICE BULLETIN</b>  <b>C + M</b>	<p align="center"><b>SERVICE BULLETIN No. 11/09/2010</b></p> <p align="center"><b>Check of Ripcord Handle Pins</b></p> <p><b>1. 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the ripcord handle reserve parachute, or the whole parachute set back to the MarS a.s. Jevíčko for the examination.  
- MarS a.s. Jevíčko proceeds professional check of the state of the ripcord handle pin and the grommet and based on the results of the examination they exchange the parts concerned.  
Further they send the parachute set and its parts back to the user free of charge.

**WARNING:**

The above mentioned provisions do not refer to the releases  
U – 064, U – 061, U – 069, produced with pins in types:

- soldered, see pic. 5
- pressed USA ( flat press), see pic. 6.

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

**5. ATTACHMENTS:** Attachment no. 1 – Photos of ripcord handle and ripcord pins

**6. DATE OF ISSUE:** In Jevíčko on September 10<sup>th</sup> 2010

Ing. Jaroslav Sedlák manager of technical department  
MarS a.s. Jevíčko

Stamp and signature:



Signature

Attachment no. 1

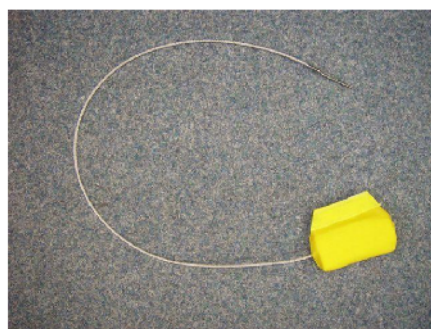


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**Photos of ripcord handle and ripcord pins**



Pic. 1  
Ripcord Handle T-064



Pic. 2  
Ripcord Handle T-051



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Pic. 3  
Ripcord Handle U-069




Service bulletin **refers to** these pins:



Pic. 4 A  
Pressed pin straight, hexagonal press (e.g. the press at the line has the hexagonal shape)



Pic. 4 B  
Pressed pin bent, hexagonal press

	<div data-bbox="683 369 1294 1435" data-label="Complex-Block"> <div data-bbox="703 383 751 450">  </div> <div data-bbox="775 394 1182 450"> <p>MarS a.s., Okružní II. čp. 239, 569 43 Jevíčko CZECH REPUBLIC</p> </div> <div data-bbox="1198 378 1278 456"> <p><b>SERVICE BULLETIN</b> <b>C + M</b></p> </div> <div data-bbox="855 472 1142 495"> <p>Service bulletin <b>does not refer to</b> these pins:</p> </div> <div data-bbox="775 510 1230 613">  </div> <div data-bbox="959 629 1038 674"> <p>Pic. 5 Soldered pin</p> </div> <div data-bbox="775 725 1230 853">  </div> <div data-bbox="807 869 1190 913"> <p>Pic. 6 Pressed pin USA, flat press (e.g. the press at the line is flat)</p> </div> <div data-bbox="983 1391 999 1413"> <p>5</p> </div> </div>
<p><b>Compliance</b></p>	<p>From the issue date.</p>
<p><b>Concerned Publication</b></p>	<p>MarS a.s. Service Bulletin C + M, dated September 10<sup>th</sup>, 2010 Service Bulletin No. 11/09/2010 Check of Ripcord Handle Pins</p>

<b>Authority</b>	<p>Ing. Jaroslav Sedlák, - Manager of Technical Department, MarS a.s. Jeví ko.</p> <p>Stamp and signature:</p> <div data-bbox="831 376 1393 510">  <p>The stamp is a rectangular blue ink stamp for MarS a.s. It contains the text: 'MarS a.s.', 'Okružní II. čp. 239, Jevíčko', 'www.marsjev.cz', 'mars@marsjev.cz', and 'DIČ: 265 - 48152366'. To the right of the stamp is a handwritten signature in blue ink.</p> </div>
<b>Acknowledgement</b>	<p>Thanks to the Austrian Aero Club for bringing this MarS a.s. Service Bulletin to our notice.</p> <p><b><i>Liam McNulty</i></b> IPC Technical &amp; Safety Committee, 24 February 2011.</p>

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*The Technical & Safety Committee, International Parachuting Commission, can be contacted on e-mail - [lmcnulty@skydiveireland.ie](mailto:lmcnulty@skydiveireland.ie)*

*Liam McNulty, Technical & Safety Committee, International Parachuting Commission.  
24 February 2011*