



SERVICE BULLETIN No. 11/09/2010

Check of Ripcord Handle Pins

- 1. APPLIESTO:** the pins of ripcord handle reserve parachutes U – 064 (pic.1), U – 051 (pic.2) and U – 069 (pic.3), produced by Synek 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 UU (U – 064)
 - OP-093/01/ PS-034 S (U - 051),
 - and Parachute sets MarS – T, OP-095T/PS-052T(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(IOP 330) (U – 069), delivered by MarS a.s. Jevíčko, used in military aviation.
- 2. REASON:** 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.
- 3. MEASURES:**
- 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.
 - 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 mars@marsjev.cz.
 - The producer sends the new ripcord handle to the user free of charge.
 - The user sends the original part of the ripcord handle back to the producer.
 - 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



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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 – 051, 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 10th 2010

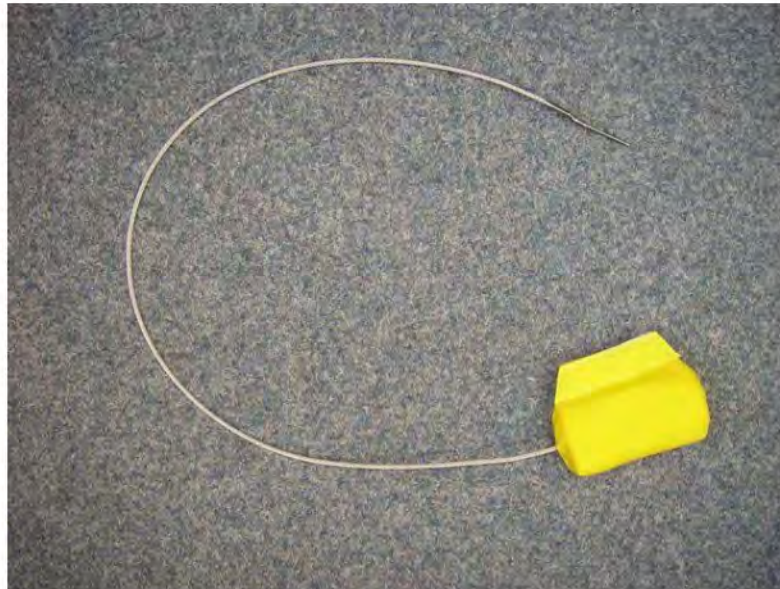
Ing. Jaroslav Sedlák – manager of technical department
MarS a.s. Jevíčko

Stamp and signature:



Attachment no. 1

Photos of ripcord handle and ripcord pins



Pic. 1
Ripcord Handle U-064



Pic. 2
Ripcord Handle U-051



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



Service bulletin **does not refer** to these pins:



Pic. 5
Soldered pin



Pic. 6
Pressed pin USA, flat press (e.g. the press at the line is flat)