

- Anerkannter Herstellungsbetrieb DE.21G.0112
- Anerkannter Instandhaltungsbetrieb DE.MF.0522
- Nato – Code C 4720

Heinrich Mertens • Gewerbepark Evekling Geb. 2 • Hauptstraße 67 • D-58791 Werdohl

All Customers

- Rettungssysteme
- Fallschirme
- Seilfallschirme
- Textile Luftfrachtsysteme
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- Sonnendächer
- Persenning

TECHNICAL NOTE TM 002-03-16

Altena, 02.02 2016

• **Observation:**

At the yearly inspections and at the rigging of emergency parachutes it was observed that some rubber bands caused the lines to stick to the diaper or bag..

• **Affected Types**

The following emergency parachutes produced between October 2013 and May 2014 are affected by this behaviour of the rubber bands if the rubber bands are not replaced:

- 10-30/24 II Type-No. 40.010/01
- 12-82/23 RI Type-No. 40.010/96
- 12-61/24 R Type-No. 40.010/55

Related S/N No.: 13-227 154 to 14-227 292

• **Investigation:**

Some emergency parachutes where the rubber bands showed the above behaviour were slowly opened. The force to open them was higher than normal but not critical high. But the lines were not deployed in the intended order. This may cause a malfunction of the emergency parachute.



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• **Root Cause**

The manufacturer of the rubber bands had a change of the raw materials used for the production rubber band. This may cause this behaviour of the rubber bands at elevated temperatures.

• **Action**

All rubber bands of all affected emergency parachutes have to be replaced before placing the parachute next in an aircraft. The affected known owners will be informed by separate letters and requested to initiate the replacement of the rubber bands by a qualified person. With these letters the owners will receive a set a rubber bands from the charge "WE 1406284, HD". The replaced rubber bands shall be sent back to the manufacturer in the post-paid envelope that comes with the rubber bands. The rubber bands shall be sent back, even if there is no defect visible. The replacement of the rubber bands has to be recorded in the parachute packing record stating "Replacement of rubber bands with WE 1406284, HD", date, signature, rigger number.

If parts of the rubber bands are glued to some other material, these remains of the rubber bands shall be removed form that material without damaging that material.







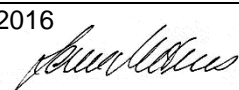
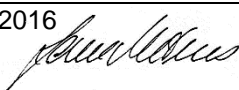
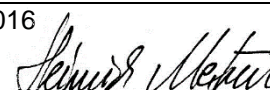
Remark: The replacement of the rubber bands will be performed by Mertens for parachutes which are sent to Mertens for the yearly inspection.

In case of doubt we will help with words and deeds.

Mit Sicherheit....

HEINRICH MERTENS

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LIST OF REVISIONS			
Issue	Creator	Verified	Released
	Name, Date, Sign	Name, Datum, Sign	Name, Datum, Sign
1	15.11.2015 	15.11.2015 	15.11.2015 
2	21.01.2016 	21.01.2016 	21.01.2016 
3	02.02.2016 	02.02.2016 	02.02.2016 

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