



# ÖSTERREICHISCHER AERO-CLUB

SEKTION FAA Blattgasse 6, A-1030 WIEN

## Sicherheitsmitteilung 030702

Datum: Juli 15, 2003

Hersteller: Capewell Components  
105 Nutmeg Road South  
South Windsor, CT. 06074  
USA

Herstellerbulletin: PSB CW03-01

Betrifft: Griffe und Pinne (Ripcord-Pin)

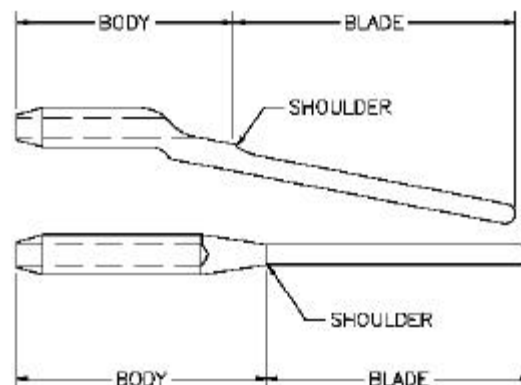
Betroffene Pinne: durch Capewell gelieferte Griffe für Haupt- und Reservecontainer und einzelne Pinne zur Herstellung von Griffen hergestellt im Zeitraum von 28 November 2001 bis 15 Juli 2003  
Typenbezeichnungen:  
MS70107 (angled), PS70107 (angled), 61C4304 (angled);  
55A6480 (terminal)

Hintergrund: Capewell hat Berichte von drei Kunden bekommen, dass vier Ripcord-Pinne gebrochen sind.

Alle Pinne brachen unter sehr niedrigem Kraftaufwand.

Alle vier sind ungefähr 1/8" (3 mm) vom SHOULDER am BLADE gebrochen.

Ein gebrochener Pin ist unten dargestellt.



In zwei Fällen wurde der Griff als Ganzes geliefert.

In den anderen zwei Fällen sind sie beim Montieren am Kabel gebrochen.

Maßnahmen: Das Testen von betroffenen Pinnen nach Anweisung (siehe Beilage).  
Die Überprüfung ist eine einmalige, die nach Anweisung von Test1 oder Test2 lt. Herstellerbulletin PSB CW03-01 durch einen österr. Packer lt. §107a oder eine höherqualifizierte Person durchgeführt werden muss.

Status: verpflichtend

Wirksamkeitsdatum: sofort

**WARNUNG: EIN MANGELHAFTER PIN KÖNNTE VERURSACHEN, DASS EIN FALLSCHIRM SYSTEM VERSAGT!**

Beilagen: Bulletin Hersteller  
Beschreibung der zu ergreifenden Maßnahmen

# Manufacturer Product Service Bulletin Number CW03-01

**Issue date:** July 15, 2003

**Subject:** Capewell Supplied Pins and Ripcords

**Status:** MANDATORY TEST – This is a one-time TEST. One of the two tests (either TEST 1 or TEST 2) must be performed and marked per test procedure.

**Identification:** All Capewell Supplied Ripcord Pins and/or Ripcords from November 28, 2001 through to July 15, 2003.

**Background:**

Capewell Components LLC has received (3) reports from (3) customers of (4) ripcord pins that broke. All (4) pins were reported to have broken under very low force. All (4) pins are reported to have broken on the blade section of the pin, approximately 1/8" (3 mm) from the shoulder of the pin. A broken pin is pictured below.

Two of these ripcord pins that broke were supplied by Capewell as a completed ripcord assembly. Two of the ripcord pins that broke were supplied as pins to Capewell customers who then assembled the full ripcord. The (4) ripcord pins that broke were delivered to Capewell customers in the first half of 2002.

Capewell has an on-going investigation to determine root cause. No root cause(s) has been determined to date.

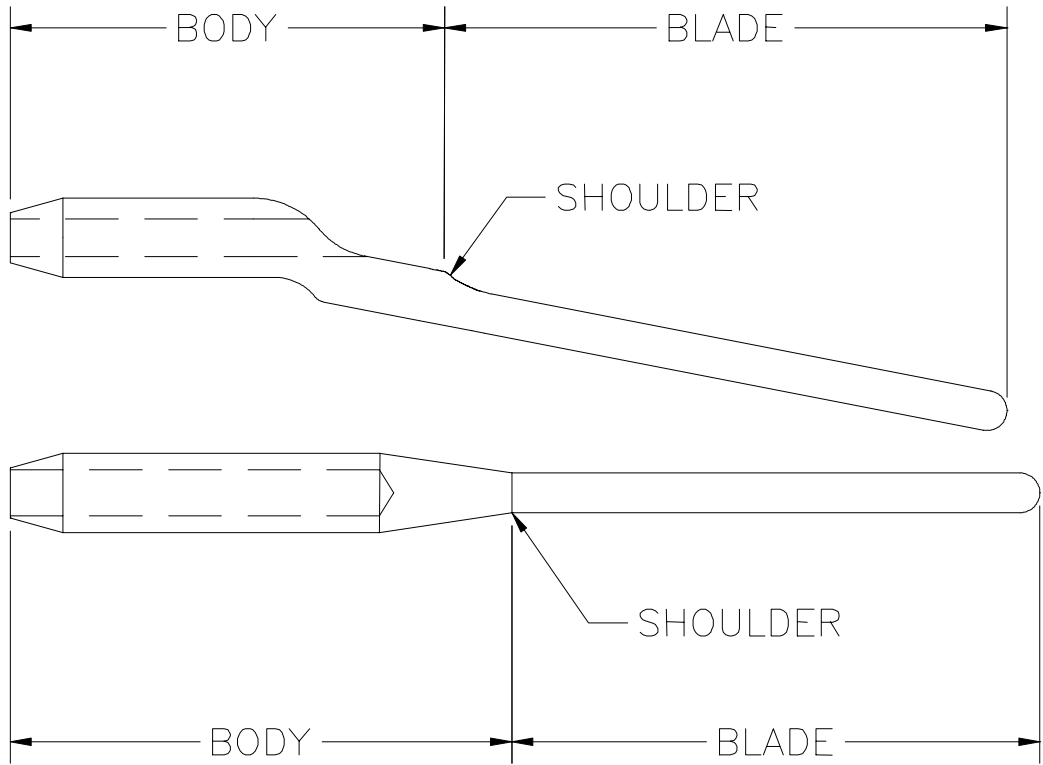
Affected Ripcord Pins are: MS70107 (angled), PS70107 (angled), 61C4304 (angled); 55A6480 (terminal)

**WARNING: A DEFECTIVE PIN COULD CAUSE A PARACHUTE SYSTEM TO MALFUNCTION**



Broken Ripcord Pin

The figure below is provided for clarity to all procedural instructions.



## **ACTIONS:**

# **TEST 1 RIPCORD PIN FIELD TEST**

## **TEST PURPOSE:**

The purpose of this test is to make a field determination as to whether the ripcord pin(s) of a packed parachute assembly are defective.

## **TEST STATUS:**

**MANDATORY TEST** – this test must be done prior to the next use of the parachute system

## **AUTHORIZED REPAIRMAN:**

FAA Senior or Master parachute rigger or foreign equivalent.

## **EQUIPMENT REQUIRED:**

- 1 ea Calibrated spring scale with a minimum 20 lbs. (9kg) capacity.
- 1 ea Type 2A suspension line 18" (45cm) long.
- 1 ea Indelible felt marker

## **COMMENT:**

This test allows the rigger in the field to make a preliminary determination as to whether the ripcord pin(s) of a packed parachute are defective and prone to break under very low force. It is not necessary to unpack the parachute to perform this test.

## **PROCEDURE:**

1. Place the parachute on the floor or ground and open the ripcord pin protector flap.
2. Insure the pin interface element (cone, closing loop, etc), which passes through the grommet that holds the pin in the parachute system, is approximately 3/16" (8 mm) from the pin shoulder.
3. Take the suspension line and tie the two ends together with an overhand knot forming a loop.
4. Route the loop around the body of the pin to form a lark's head knot as close to the cable entrance end of the pin body as possible (Fig. 1).
5. Secure the other end of the loop to the spring scale.
6. Apply a load of 15 lbs. (6.8kg) straight up and 90 degrees to the axis of the pin for a period of 3 seconds and then release the load (Fig. 2). Inspect the pin for any deformation or bend. If the pin is straight, continue with step 7 below. If the pin is not straight, as visible without magnification, remove the pin/ripcord from service immediately.
7. Mark the inspected side of the pin with the felt marker to avoid repeatedly testing the same side of the pin.
8. Rotate the pin one-quarter turn and test again as in step 6.
9. Repeat the procedure in step 6 until the pin has been tested in four positions and rotated one-quarter turn in the same direction prior to each test.
10. Remove the suspension line.
11. Upon successful completion of test, ripcord handle will be marked with **CW03-01**.
12. The packing data card must be annotated to show compliance with Capewell Service Bulletin **CW03-01, TEST 1**.
13. If the pin should fail the test by breaking, immediately notify Capewell Components (below) for disposition.



**FIGURE 1**



**FIGURE 2**

## **TEST 2**

### **RIPCORDER PIN TEST for REPACK**

**TEST PURPOSE:**

The purpose of this test is to determine whether the ripcord pin(s) of a repacked parachute assembly are defective.

**TEST STATUS:**

**MANDATORY** – this test must be done prior to the next repack of the parachute system

**AUTHORIZED REPAIRMAN:**

FAA Senior or Master parachute rigger or foreign equivalent.

**EQUIPMENT REQUIRED:**

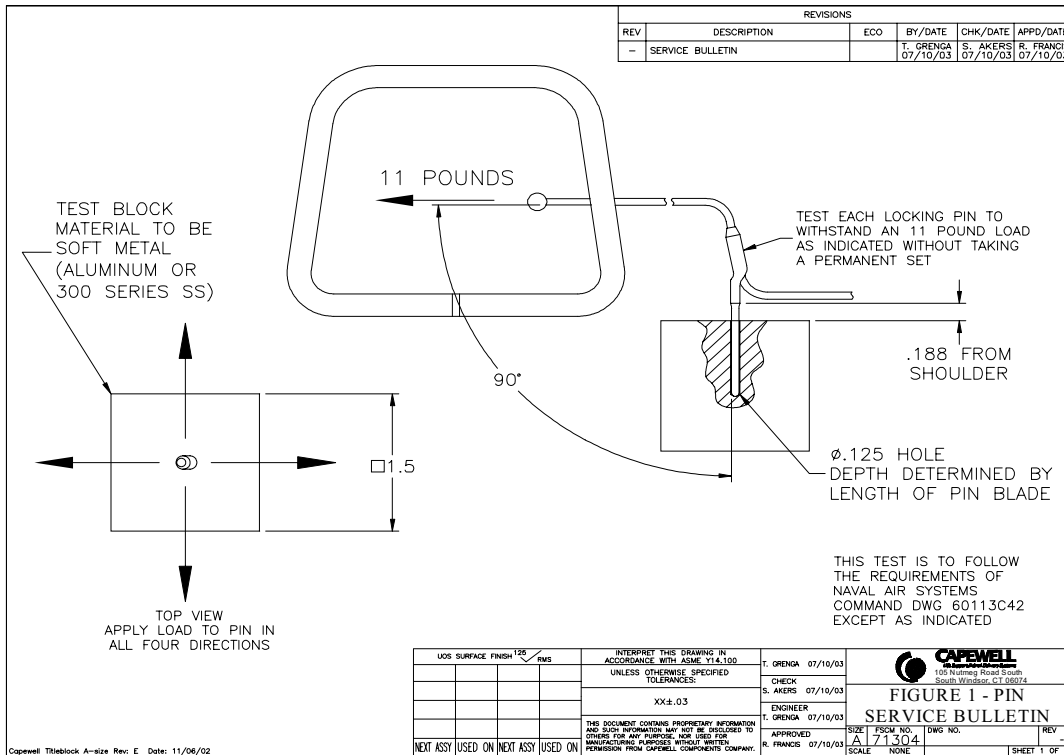
- 1 ea Calibrated spring scale with a minimum 20 lb. (9kg) capacity (or equivalent mechanism)
- 1 ea Aluminum or 300 series stainless steel block
- 1 ea Indelible felt marker

**COMMENT:**

This test allows the rigger in the field to make a determination as to whether the ripcord pin(s) of a re-packed parachute are defective and prone to break under very low force.

**PROCEDURE:**

1. Place pin in test block per Figure 3 (below). NOTE: The pin block hole may be VERTICAL or HORIZONTAL
2. Apply 11 lb. force 90 degrees perpendicular to the pin blade.
3. Remove pin from block and inspect:
  - For straightness: Pins in excess of .005 (.12 mm) deformation along the blade of the pin should be removed from service.
  - For surface anomalies using 10x magnification. If any surface anomalies (dents, cracks, chips) exist, the pin should be removed from service.
4. Mark the inspected side of the pin with the felt marker to avoid repeatedly testing the same side of the pin
5. Repeat steps 1 through 3, each time rotating the pin 90 degrees in the same direction, until the pin has been tested in 4 directions.
6. Upon successful completion of test, ripcord handle will be marked with **CW03-01**.
7. The packing data card must be annotated to show compliance with Capewell Service Bulletin **CW03-01, TEST 2**.
8. If the pin should fail the test by breaking, immediately notify Capewell Components (below) for disposition.



**FIGURE 3**  
All dimension in inches

Customers/users **who can not conduct TEST 1 OR TEST 2**, should remove pins/ripcords from service and return same to Capewell for testing:

Capewell Components  
ATTN: Ripcord Pin Test  
105 Nutmeg Road South  
South Windsor, CT. 06074  
USA

**CAPEWELL CONTACT –anyone having questions or needing assistance should contact:  
Bill Ehler at 860-610-0700x3360, by fax at 860-610-0120, or by e-mail at [bille@capewell.com](mailto:bille@capewell.com)**

**Authority: Bob Francis, Vice-President/General Manager, Capewell Components  
Distribution:**

Capewell will distribute this Service Bulletin to:

- All Capewell Customers
- Cognizant U. S. Military organizations
- PIA
- USPA
- FAA

This Service Bulletin will be posted on Capewell’s website ([www.capewell.com](http://www.capewell.com))

Any person or organization that believes further distribution is necessary is urged to do so or to contact Capewell.



AERODYNE SYSTEMS  
(PISA)  
PRODUCT SERVICE BULLETIN

Issue Date : 18 July 2003

Bulletin Number 2003 07 2

Subject :

All Ripcord Pins used on:

- 1.) Naro Harness and Container Systems (Excluding RSL curved pin)
- 2.) Teardrop Harness and Container Systems

Must conform to the Capewell Manufacturer Service Bulletin  
Number CW03-01, Issue Date 15 July 2003.

For clarity please consult your Rigger, Safety Officer or Aerodyne Systems.

Status :

Mandatory

Identification :

Part Number	:	P0138-00
	:	P0172-00
	:	P0172-10
	:	P0172-20
	:	P0180-00
	:	P0046-00
	:	P0046-10
	:	P0126-00
Date of manufacture	:	All reserve handles manufactured after 28 November 2001

Background :

Refer to Capewell Manufacturer Service Bulletin Number CW03-01  
Issue Date 15 July 2003.

Service Bulletin :

Refer to Capewell Manufacturer Service Bulletin Number CW03-01  
Issue Date 15 July 2003.

Compliance Date :

Immediate – 15 July 2003

Authority :

Aerodyne Systems  
29 Duiker Road  
Canelands  
Tel (032) 533 0333  
Fax (032) 533 0262  
info-indianocean@aerodyne-int.com  
[www.aerodyne-int.com](http://www.aerodyne-int.com)

Distribution :

Distribution includes but not limited to :

National Training and Safety Officer - PASA

PASA listserve

Drop Zone Safety Officers

PARACHUTES DE  
FRANCE SA  
2 rue Denis Papin  
Jouy le Moutier  
95031 Cergy Pontoise

**SAFETY BULLETIN  
LEVEL MANDATORY**

N°1/2003  
Date: 18/07/03  
Pages 1/2

Tél 33 1 34 32 77 77 Fax 33 1 34 32 73 17

**CONCERNED EQUIPEMENTS:**

<u>PART NUMBER</u>	<u>DESIGNATION</u>	<u>FIRST OF CONCERNED FABRICATION BATCHES</u>
P2010112000	Main ripcord Handle ATOM 35 Mil. & Evolution D.Version	from OF 175201
P2010142000	Reserve ripcord handle CAMPUS 1	from OF 174952
P2010142100	Reserve ripcord handle CAMPUS/LOR 2	from OF 181512
P2010143000	Reserve ripcord handle TANDEM (Atom & galaxy)	from OF 146024
P1010143000	Reserve ripcord handle SMM 740-2	from OF 139301
P1010143600	Textile hook Reserve ripcord handle SMM (red)	from OF 152338
P1010143601	Textile hook Reserve ripcord handle SMM (yellow)	from OF 162426
P1010143602	Textile hook Reserve ripcord handle / PBO	from OF 172942
P2010107500	Reserve ripcord Flexpack	from OF 146357

**REPORT:**

Some breaking of locking pins have been reported to the manufacturer Capewell wich have issued a mandatory Service Bulletin for manufacturing and in-the-field further tests.

**ANALYSIS:**

Manufacturer of pins - Capewell - have identified a period of its production which need a testing procedure to ensure safety (28th November 2001 to 15th July 2003). Parachutes de France have ensure the tracking of its products manufactured with those concerned pins and identified the product listed in this Safety Bulletin.

**ACTIONS:**

Check the identification label of the ripcord handles of Parachute de France's equipments:  
- if the part number is include in the previous list, check the number of batch (identified OF:XXXXXX).  
If this OF number is egal or superior to the number listed: **MANDATORY APPLY the attached Capewell's service Bulletin Number CW03-01**

**SAFETY MEASURE  
MANDATORY**

All concerned equipments listed in this S.B. must be grounded  
until application of attached Capewell Manufacturer Product Service Bulletin  
Number CW03-01

PARACHUTES DE  
FRANCE SA  
2 rue Denis Papin  
Jouy le Moutier  
95031 Cergy Pontoise

## BULLETIN DE SECURITE

**NIVEAU: OBLIGATOIRE**

N°1/2003  
Date: 18/07/03  
Pages 2/2

Tél 33 1 34 32 77 77 Fax 33 1 34 32 73 17

### EQUIPEMENTS CONCERNES:

<u>REFERENCE</u>	<u>DESIGNATION</u>	<u>PREMIER LOT DE FABRICATION CONCERNES</u>
P2010112000	Poignée Principale ATOM 35 Mil. & Evolution . Version D	à partir de l'OF 175201
P2010142000	Poignée Reserve CAMPUS 1 _____	à partir de l'OF 174952
P2010142100	Poignée Reserve CAMPUS/LOR 2 _____	à partir de l'OF 181512
P2010143000	Poignée Reserve TANDEM _____	à partir de l'OF 146024
P1010143000	Poignée Reserve SMM 740-2 _____	à partir de l'OF 139301
P1010143600	Poignée reserve SMM Textile Crochetable rouge _____	à partir de l'OF 152338
P1010143601	Poignée reserve SMM Textile Crochetable jaune _____	à partir de l'OF 162426
P1010143602	Poignée reserve Textile Crochetable jaune / PBO _____	à partir de l'OF 172942
P2010107500	Poignée pour Flexpack _____	à partir de l'OF 146357

### CONSTATIONS:

Des ruptures d'aiguilles de poignées de déclenchement métalliques ont été signalées au fabricant Capewell qui a diffusé un Bulletin Service Obligatoire pour contrôle en service (N° CW03-01).

### ANALYSE:

Les aiguilles potentiellement concernées par l'application du bulletin service du fabricant Capewell ont été produites entre le 28/11/2001 et le 15/07/2003. La traçabilité exercée sur les produits Parachutes de France montre la nécessité d'appliquer les consignes de contrôle stipulés sur les poignées de déclenchement listées dans le présent Bulletin de Sécurité.

### ACTIONS:

- Contrôlez l'étiquette d'identification des poignées de déclenchement des équipements Parachutes de France cités dans la liste ci-dessus.
- Si la référence de la poignée est listée ci-dessus, contrôlez le numéro d'Ordre de Fabrication de la poignée ( identifié OF:XXXXXX).
- Si le numéro OF:XXXXXX est égal ou supérieur à celui cité en face de la référence, **APPLIQUEZ OBLIGATOIREMENT LES CONSIGNES DU SERVICE BULLETIN CAPEWELL N° CW03-01 CI-JOINT**

## MESURE DE SECURITE OBLIGATOIRE

Tous les équipements concernés sont interdits de sauts  
jusqu'à l'application du Bulletin Service  
Capewell Number CW03-01 ci-joint

# Technische Anweisung in Bezug auf die Sicherheitsmitteilung der Firma Capewell CW 03-01

- Status : Verpflichtend
- Datum : 25. 07. 03
- Betroffen : a) Verschlussstift ( Pin ) der in folgenden Mustern eingebauten Reservegriffe:  
Next Sport, Next Student, Next Tandem, TW7 ab Bj 11-01
- b) Verschlussstift ( Pin ) der von uns gelieferten Reservegriffe  
zur Verwendung als Ersatzteil.
- Hintergrund : Testprozedere in o.g. Sicherheitsmitteilung
- Maßnahmen : Die Fa. Paratec ordnet für Ihre betroffenen Muster folgende Änderung zur  
o.a. Sicherheitsmitteilung an:

Der in o.a. beschriebene Test 2 ( Ausbau des Griffs und externer  
Test) wird von uns für unsere betroffenen Muster nicht autorisiert.

Verfahre gemäß der Sicherheitsmitteilung lediglich bis zu Punkt 6 des  
Test1 ( Feldtest ).

Belaste den Pin in der o.a. Sicherheitsmitteilung beschriebenen Weise mit  
10 kg und halte für 3 Sekunden.

Ein Weiterdrehen und nochmaliges Belasten ist für unsere betroffenen  
Muster nicht autorisiert.

Markiere den Pin mit wasserfestem Marker und trage den durchgeführten  
Test in die Prüfkarte des Gurtzeuges ein.

Begründung dieser Einschränkung : Der der JTSO und der FAA TSO zugrundeliegende  
Zulassungstest gemäß AS 8015b, unter 4.3.1 schreibt  
eine Maximalbelastung von 3,64 kg vor, welche der Pin  
im 90° Zugwinkel zur Pinachse ohne Verformung wider-  
stehen muss. Das von der Fa. Capewell vorgeschriebene  
Verfahren mit einer Zuglast von 6,8 kg im Test 1 und 5  
kg im Test 2 in Verbindung mit einer 4 maligen  
Rundumbelastung des Pins auf ein-und demselben Punkt  
führt dazu, dass ein dem zugrundeliegenden Standard  
entsprechender Pin unnötig belastet, verformt und somit  
unbrauchbar gemacht wird. Der o.a. Test reicht vollstän-  
dig aus, um eine mögliche vorhandene Kerbspannung,  
welche zum augenblicklichen Bruch führt, zu erkennen.

Authorisiertes Personal : Fallschirmtechniker, Prüfer Klasse 3,  
Fallschirmprüfer BW,  
Fallschirmwart,  
Halter nach Rücksprache mit Paratec



Fallschirmtechnik  
Entwicklung  
Design  
Vertrieb

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BLZ: 591 900 00

Deutsche Bank Saar  
Konto-Nr.:  
108 175 100  
BLZ: 590 700 70





07-17-03

Further to the mandatory service bulletin number CW03-01 issued by Capewell Components. <http://www.capewell.com>

This test is mandatory on all Javelin / Odyssey harness container systems manufactured January 2002 through July 2003. This information can be found on the T.S.O. label. This includes all reserve ripcords manufactured as spare or replacement parts during this time period as well. This date information will be stamped SP02 or SP03 on the hard handles. For soft reserve ripcords any batch number greater than 12018.

If you have any questions you can do so by contacting James G Haggas (aggie) by e-mail at [aggie@sunpath.com](mailto:aggie@sunpath.com)



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC  
Airworthiness Division

*Airport Ruzyně, 160 08 Prague 6  
Tel: 420 233320922, fax: 420 220562270*

## AIRWORTHINESS DIRECTIVE

**Number: CAA-AD-076/2003**

Date of issue: October 10, 2003

**MarS a.s.**

ATL-88/90, ATL-88/92-S

### APPLIANCE – PILOT RESCUE PARACHUTE – RIPCORDER PIN - INSPECTION

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**Applicability:** Rescue parachutes ATL-88/90 and ATL-88/92-S (serial numbers listed below) produced by MarS a.s. in years 2002 and 2003, equipped with ripcorder U-048/A with pins produced by Capewell Components on which Mandatory Service Bulletin MarS a.s. No.: M ATL-01a, or Service Bulletin Capewell Components No.: CW03-01 has not been accomplished.

S/N of rescue parachutes produced in year 2002:

ATL-88/90: 020103 up to 020310 incl;

ATL-88/92-S: 020201 up to 020204 incl.

S/N of rescue parachutes produced in year 2003:

ATL-88/90: 0302001 up to 0305066 incl, 0305078 up to 0306084 incl, 0306090, 0306091, 0306094, 0398001 up to 0398037 incl;

ATL-88/92-S: 0303001 up to 0305003 incl, 0306092, 0306093, 0397001 up to 0397003 incl.

**Reason:** In some cases breaking of ripcorder pin was reported. This pin is used in ripcorder U-048/A which is used for closing and opening rescue parachute package. This situation can lead to unintentional opening of parachute or impossibility to open it in the case of need.

**Effective date:** November 27, 2003

**Compliance:**

Perform a test of ripcorder pin U-048/A in accordance with Mandatory Service Bulletin No.: M ATL-01a, which becomes herewith part of this AD and may be obtained from: MarS a.s., Okružní II, čp. 239, 569 43 Jevíčko, Czech Republic, tel.: +420 461 353 841, fax: +420 461 353 843, [e-mail: mars@marsjev.cz](mailto:mars@marsjev.cz)

In the case of the ripcorder pins on which original Service Bulletin of pins manufacturer (SB No.: CW03-01) has been accomplished, mark visibly the handle of ripcorder U-048/A and enter record into Parachute Logbook in accordance with Mandatory Service Bulletin No.: M ATL-01a (additional information: <http://www.marsjev.cz>).

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*Remarks: The compliance of this AD must be recorded in Parachute Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel: 420 233320922, fax: 420 220562270.*

**Ing. Pavel MATOUŠEK**  
director



MarS a.s., Okružní II. čp. 239, 569 43 Jevíčko  
C Z E C H R E P U B L I C

**Attachment No.: 1**

Mandatory Service Bulletin No.: M ATL-01a

Sheet No.: 1

Number of sheets: 6

**PROCEDURE OF PERFORMANCE OF  
CONTROL TESTS OF THE RELEASE  
U – 048/A**

**( Valid for the Rescue Parachutes ATL – 88/90, ATL – 88/92-S)**

Jevíčko date: 9. 9. 2003

Ing. Jaroslav Sedlák  
MarS a.s. Jevíčko





Our Company received from Capewell Components, a manufacturer of metal parts for parachute products, Service Bulletin No. CW 03-01 that responds to customers' reports as well as to the concrete examples of the operation of parachutes. There were reports of several breakings of the ripcord pin that serves as a part of the release mechanisms that open and close parachutes. Because our Company makes its releases of components supplied by Capewell, we wish to offer the following explanation of the above-referenced issue.

Bulletin CW 03-01 provides information about and suggestions for the verification of the reliable and safe operation of releases with ripcord pins by Capewell and offers a possible solution.

Before using parachutes with the above-referenced ripcord pins an authorized person has to make one of two tests described in the Bulletin and record the test results in a parachute log.

**1. The parts and products by MarS a.s. that are subject to the completion of a test:**  
Applicable to:

**Release U-048/A** Rescue parachutes ATL-88/90 and ATL-88/92-S produced in 2002 and 2003.

S/N of rescue parachutes produced in year 2002:

ATL – 88/90: 020103 to 020310 incl.

ATL – 88/92-S: 020201 to 020204 incl.;

S/N of rescue parachutes produced in year 2003:

ATL – 88/90: 0302001 to 0305066 incl., 0305078 to 0306084 incl., 0306090, 0306091, 0306094, 0398001 to 0398037 incl.;

ATL – 88/92-S: 0303001 to 0305003 incl., 0306092, 0306093, 0397001 to 0397003 incl.

**2. The procedure for testing of the needles of release devices is described in the Attachment no. 2 of the Mandatory Service Bulletin No. M ATL-01a.**

Considering that the function Rigger – see the original of the Bulletin - is not established in the meanwhile in the system AeCR, only following persons are allowed to carry out the inspections of the release devices U-048/A of the emergency parachutes manufactured by the company MarS a.s.:

- the packers of the emergency parachutes type ATL (keeping the valid authorization)
- the packers of the reserve parachutes type wing (keeping the valid authorization)



**3. Record of the check performance**

- a) The check of the needles of the release devices is recorded into the parachute Log-Book, part CW 03-01 (Test 1 or Test 2), including date and signature of the person who performed the check.

**SAMPLE ENTRY VERIFICATION ACCORDING TO CW 03 – 01  
TO THE PARACHUTES LOG – BOOK**

Emergency parachutes:

12

§ 7. Stowage, Maintenance and Check Records during Storage

Date	Operation	Condition of parachute	Signature
Date of the control	Control to CW 03-01	CW 03-01 TEST 1 or 2 Evaluation: airworthy	Signature of the control person



- b) The handle of the release device must be marked CW 03-01, alternatively including date and signature.

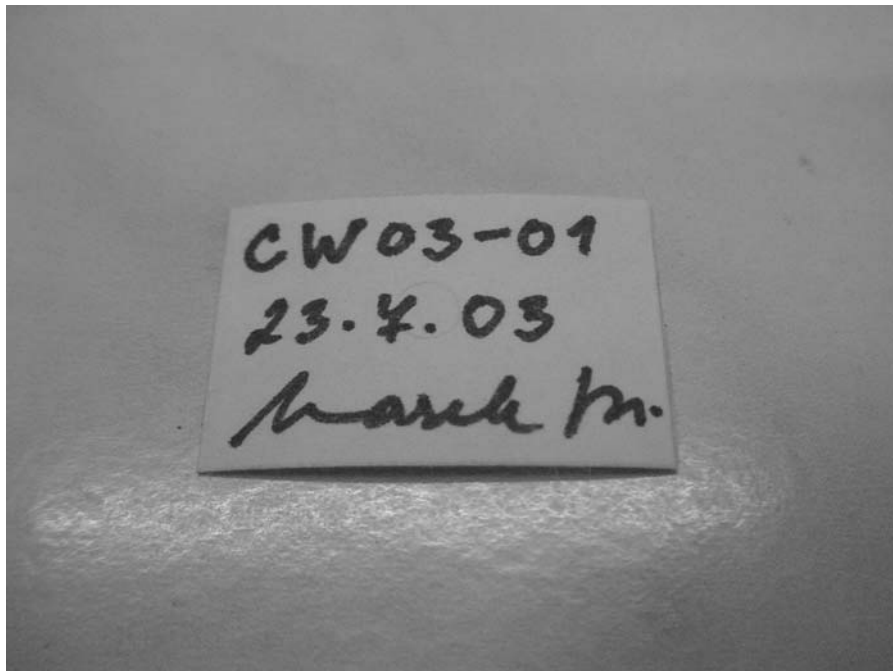


foto č. 1



foto č. 2



We recommend the marking the handle with a self-adhesive plate with required inscriptions; if need be, the plate can be stuck all over with a transparent adhesive tape attached up to the area that has minimal resistance to abrasion and that is visible even when the release is hidden in a pocket. In emergency, the release can be marked with a permanent highlighter/marker.

4. **MarS a.s. also informs its customers and the users of the above-referenced products and parts that it is not aware of any of the cases described in Capewell's Service Bulletin in connection with defective pins on products made by MarS a.s. Jevicko.**
5. **In order to maintain the reliability and safety of our products the tests indicated in the Service Bulletin CW 03-01 must be completed and their results must be recorded in parachute logs. In this way, possible problems occurring during the operation of parachute equipment will be prevented and avoided. If a release is not inspected the parachute fitted with such a release must not be used.**

If no check of the release device has been performed, the  
parachute with this release device must not be used.

**6. The check of the release devices U-048/A at the rescue parachutes manufacturer**

In the event that the user (owner) of parachute equipment does not have an opportunity to have such tests completed by an authorized person, he may send a release with a pin - along with a parachute log - to MarS a.s. Jevíčko. Our company will carry out necessary tests and record their results in the log. Alternatively, following a previous agreement, the customer (owner) may deliver his parachute to the seat of MarS a.s. in person; the required tests will be carried out and if the results of such tests will be compliant the customer (owner) will be able to retrieve his parachute at the same place.

**7. The check does not include release devices, which use the Czech-produced soldered needles.**

- these release devices are marked U – 048.

In case you need additional information please do not hesitate to contact the technical or marketing department of the company MarS a.s. Jevicko.

Jevíčko 9.9.2003

Ing. Jaroslav Sedlák  
Manager of technical dpt.  
MarS a.s. Jevíčko



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