

TITLE: OBJECT : ATOM Millenium harness-containers type 34 and 35
(Tandem and Axis models are not involved)

1. Technical background

Type	Serial Number						
34-000	JB054	à	KB048	34-00	JB056	à	KB065
34-0	JB059	à	KB059	34-1	JC052	à	KB013
35-1	JE011	à	KB040				

HISTORY :

On Friday, March 24th, 2000 an ATOM Millenium came back to us with a damaged top main flap, and as a precaution and until further evaluation, we have widely spread a request for immediate grounding of ATOM " Millenium " harness-containers, models classic and Evolution (types 34 and 35).

CAUSE :

Possible interference between one or several suspension lines of the main canopy with the top main flap.

DECISION :

After thorough evaluation, we hereby remove our request for grounding of ATOM " Millenium " harness-containers, models classic and Evolution (types 34 and 35).

The incident reported is probably due to simultaneous influence of several parameters such as opening position, packing method or new skydiving techniques. In spite of the very low probability of repetition, the unpredictability of such an incident leads us to recommend the addition of a deflector flap designed for preventing interference between lines and the flap involved. This deflector flap may be installed by any qualified rigger, according to the drawings provided by Parachutes de France.

VERY IMPORTANT REMINDER

It is indispensable to respect all instructions specified in the manuals published by Parachutes de France, concerning packing, position of main bag (lines at the bottom of container), and operating limits (speed and weight).

Timing : As soon as possible

Manpower : Qualified FAA rigger

Document number : FEE # 183-01

Publication : Addition to manuel version 08

2. Information about the equipment :

Supplier : Parachutes de France SA
2 rue Denis papin
Jouy le moutier
95031 Cergy
France

3. Implementation : Refer to instructions and drawings hereafter.

Date: 29 Mars 2000

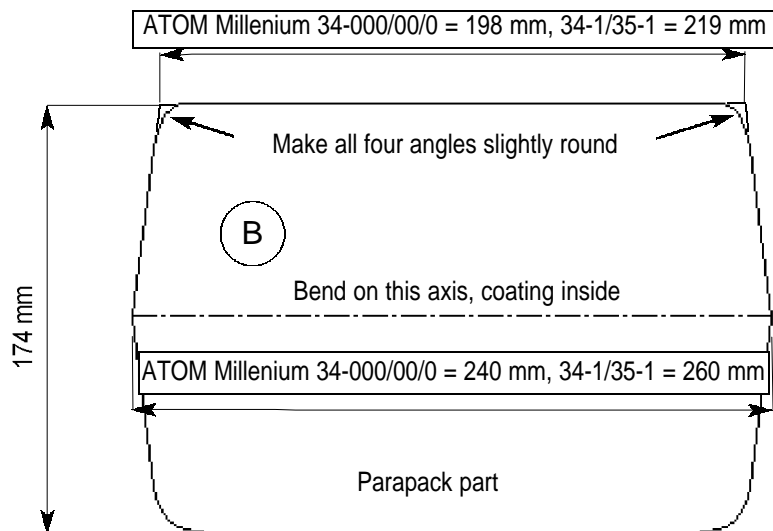
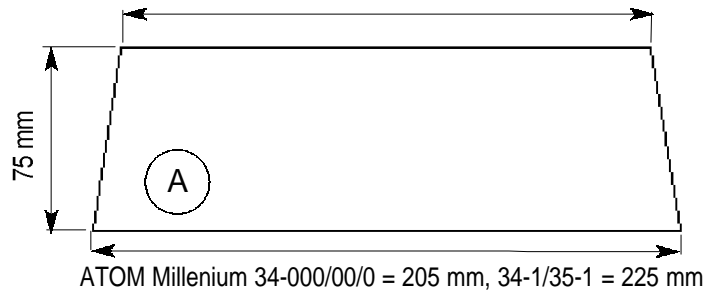
Revision:

Manufacturing deflector flap

- | Deflector flap parts | Qty |
|--|--------|
| A : 10/10 polyethylene part | 1 |
| B : parapack part | 1 |
| ¾ inch tape | 0.41 m |
| Polyamide 30/3 thread, 6 kg (E-thread) | |
| Sewing machine : | |
| 1 needle straight point | |

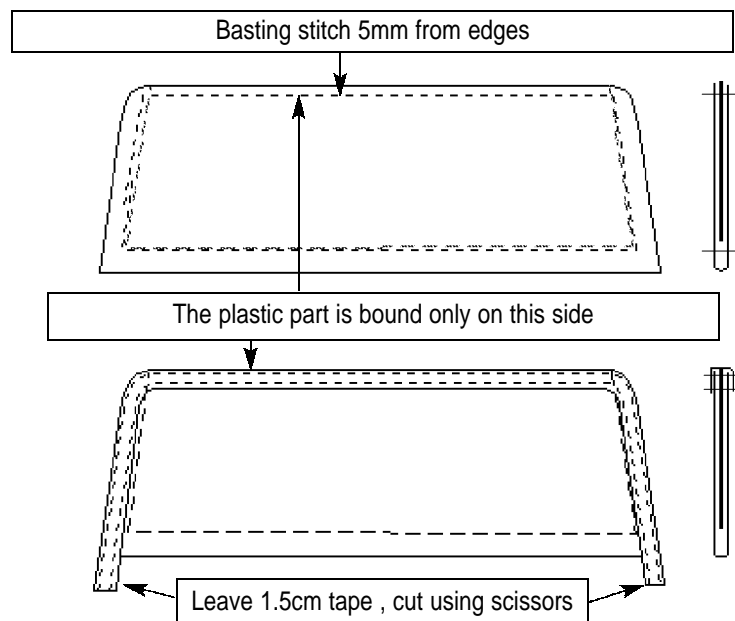
Model for 10/10 polyethylene plate (1 mm thick)

ATOM Millenium 34-000/00/0 = 170 mm, 34-1/35-1 = 190 mm



Manufacturing :

- 1 fold part B along the axis drawn, coating inside.
- 2 Slide plastic part A inside
- 3 Make a basting stitch 5mm from the edges all around (checking all edges match)
- 4 Bind according to the drawing, making two stitches 5mm apart.
- 5 Check stitches



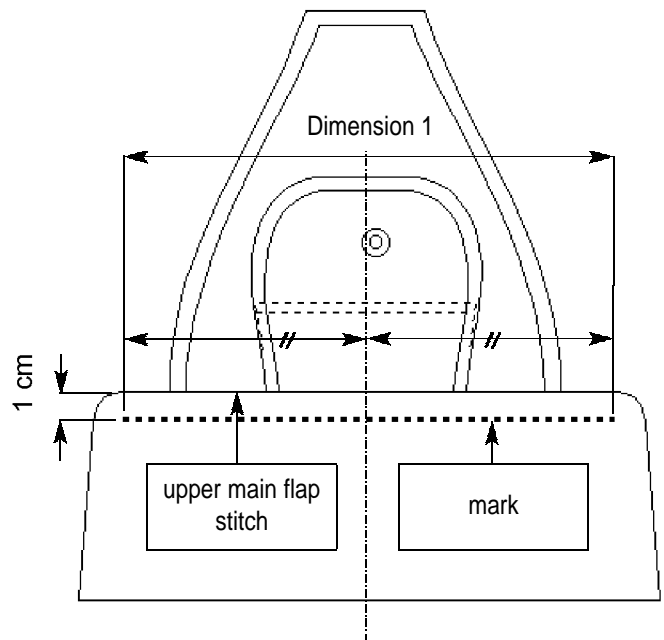
Date: 29 Mars 2000

Revision:

Assembly mode :

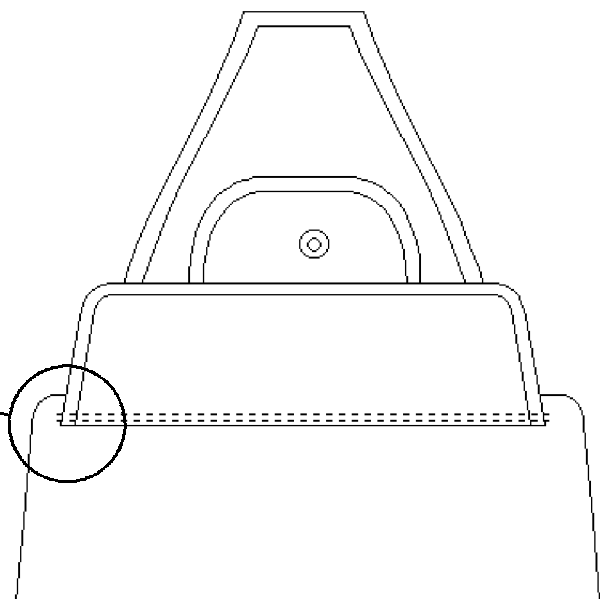
- 1 Mark the vertical reserve wall horizontally, 1cm below the upper main flap stitch. This mark must be centered.
- 2 Stitch the deflector flap onto the wall, bending the tape ends underneath. Make two stitches 5mm apart.
- 3 Make a 2cm stop-point back and forth at both ends of each stitch.

Container size	Dimension 1
AT34 000, 00, 0	230 mm
AT34-1 & 35-1	250 mm



Detail of double stitch with back and forth stop points

Bend the tape under the deflector flap.



CHECK : quality of stitches

Date: 29 Mars 2000

Revision: