



Airworthiness Directive N° F-2022-001 R1		Issue date : January 22nd 2024	Page : 1/2
This Airworthiness Directive shall be issued by the DGAC for equipment covered by Annex I to Regulation (EU) 2018/1139.			
<i>Equipment covered by an airworthiness directive may only be used in accordance with the requirements of that airworthiness directive, unless approved by the DGAC.</i>			
Airworthiness Corresponding foreign directive(s) : NIL		Consigne(s) de navigabilité remplacée(s) : CN F-2022-001 original issue of 12/07/2022	
Equipment Airworthiness accountable: Safran Electronics & Defense		Type(s) de matériel(s) : Parachute harness container Safran Electronics & Defense, (Parachutes de France, Aératur et Zodiac Aerospace)	
ATA Chapter : NIL	Subject : Check of assembly integrity of reserve upper flap		

1. Applicability

This Airworthiness Directive applies to all Harness Containers SAFRAN ELECTRONICS & DEFENSE (Parachutes de France, Aératur, Zodiac Aerospace) of the following types:

P/N	Trade name
ATCL(XX)(X)	ATOM Legend, Legend R, Legend R ² , Legend S, Legend M
ADEV(XX)(X)	ATOM EVOLUTION
ATML(XX)(X)	ATOM 35
ATVL(XX)(X)	ATOM AXIS
740-1	ATOM TANDEM, LEGEND T
740-1a	ATOM 740-1a
740-2 350	MMS 350
740-2	SMM 420

2. Reason

Following a cutaway procedure of a tandem parachute, a tear on the upper flap of the reserve container was observed on the ground.

Incipient tears on the upper flap of the reserve container were also detected on solo harnesses.

In order to avoid any risk of interference with other elements of the parachute, which could disrupt the nominal deployment of the reserve canopy, this Airworthiness Directive requires an inspection of the potentially affected harness containers before the any further use, followed by periodic inspections as part of the maintenance of the harness container.

Reason for Revision 1: take into account SB Safran Electronics & Defense Revision 1, which includes a technical instruction for flap replacement.

3. Required Action(s) and Compliance Time(s) :

The following actions are mandatory from the date of entry into force of this Airworthiness Directive:

Unless already carried out, Prior to any further use, have the inspections described in paragraph 3.C of Service Bulletin No. ATOM- 25-007 referred to in § 4 below carried out by a qualified emergency parachute rigger or a qualified repairer.

Afterwards, and until Safran Electronics & Defense updates the CMM of the equipment concerned, carry out the following periodic checks in accordance with the same Bulletin Service:

- Carry out a visual inspection of the integrity of the reserve upper flap assembly every 50 jumps or every month (whichever occurs the soonest) as part of the periodic inspection operations described by the owner or operator as provided in the CMM.
- Check the integrity of the upper reserve flap assembly by a qualified rescue parachute rigger during every annual check or following a rescue procedure;

In all cases, any incipient rupture shall result in the immediate cessation of use of the parachute, until the emergency upper flap is replaced by a qualified repairer with the necessary material resources, in accordance with the technical instruction appended to Service Bulletin n° ATOM-25-007 referred to in § 4 below.

For the purposes of this paragraph, the following definitions apply :

- « CMM » : the maintenance manual of the equipment concerned
- « qualified repairer » : a person holding a Certificate of Professional Qualification (CQP) as a parachute repairer, or a rating considered equivalent by the DGAC or, for parachutes usually used in a foreign country, a parachute repairer qualification recognized by the authorities of the country concerned.

4. Ref. Publications

Safran Electronics & Defense Service Bulletin No. ATOM-25-007 revision 1 dated January 15, 2024 or later revision accepted by the DGAC.

Note: an inspection carried out in accordance with the original edition of the SB satisfies the requirement of § 3 above.

5. Effective Date

Upon publication, on January 22nd, 2024

6. Remarks:

Enquiries regarding this AD should be referred to:
dsac-nav-parachutes-bf@aviation-civile.gouv.fr

7. Approval

This AD is approved by DGAC.