



<b>Airworthiness Directive N° F-2022-001</b>		Issue date : <b>December 7th, 2022</b>	Page : <b>1/2</b>
This Airworthiness Directive shall be issued by the DGAC for equipment covered by Annex I to Regulation (EU) 2018/1139.			
<b><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></b>			
Airworthiness Corresponding foreign directive(s) : <b>NIL</b>		Airworthiness Directive(s) replaced : <b>NIL</b>	
Equipment Airworthiness accountable: <b>Safran Electronics &amp; Defense</b>		Type(s) de matériel(s) : <b>Parachute harness container Safran Electronics &amp; Defense, (Parachutes de France, AérAzur et Zodiac Aerospace)</b>	
Chapitre ATA : <b>NIL</b>	Objet : <b>Check of assembly integrity of reserve upper flap</b>		

## 1. Applicability

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

<b>P/N</b>	<b>Trade name</b>
ATCL(XX)(X)	ATOM Legend, Legend R, Legend R <sup>2</sup> , 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.

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

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

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 in the respective CMMs ;
- Check the integrity of the upper reserve flap assembly 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 technical instructions to be published by Safran Electronics & Defense.

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 N° ATOM-25-007 of 1 December 2022

**5. Effective Date**

Upon publication, on December 7th, 2022

**6. Remarks:**

Enquiries regarding this AD should be referred to:  
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**7. Approval**

This AD is approved by DGAC.