 Direction générale de l'aviation civile France GSAC publication	AIRWORTHINESS DIRECTIVE No F-2007-005 R1		Distribution: AB	Issue date: August 01, 2007	Page : 1/2
	This Airworthiness Directive is published by the DGAC as the Authority of the State of Design for the affected equipment.			<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
<p style="text-align: center;">No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.</p>					
Corresponding foreign Airworthiness Directive(s): Not applicable			Airworthiness Directive(s) replaced: F-2007-005 original issue		
Person in charge of airworthiness: PARACHUTE SHOP			Type(s): Equipment: VEGA 120 type reserve canopy		
Type certificate(s) No. None TCDS No None					
ATA chapter: 25		Subject: Equipment/Furnishings - Strengthening of assemblies			

1. **EFFECTIVITY:**

This Airworthiness Directive (AD) applies to VEGA 120 type reserve canopies manufactured by PARACHUTE SHOP company.

2. **REASONS:**

A tear starting from the trailing edge of a VEGA 120 type reserve canopy was noticed after a parachute jump carried out by a 50 kg weight parachutist and application of the emergency procedure. The parachutist nevertheless could land without damage.

It was the first application of the emergency procedure with this canopy.


Examination of the clamp at the trailing edge of the canopy close to the tear shows that the "bartack" point exceeds the ribbon of the latter and comes straight forward on intrados and extrados fabric. This "bartack" point type may work in favor of a tear starting. If not corrected, this situation may lead to a fatal accident.

The Airworthiness Directive F-2005-169, approved by EASA reference 2005-6354 on October 5, 2005, flight forbids the VEGA 120 type reserve canopies.

The introduction of a strengthening ribbon on the trailing edge solves the technical issue.

This Airworthiness Directive supersedes the AD F-2005-169.

This Revision 1 aims at taking into account the requirement of the VEGA 120 type reserve canopies marking when they have been modified, so that the user may know if the equipment is clear to fly.

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3. **MANDATORY ACTIONS AND COMPLIANCE TIMES:**

From the effective date of this AD, VEGA 120 type reserve canopies which will have been modified by PARACHUTE SHOP by adding a strengthening ribbon into the lap-seam of the trailing edge, in accordance with the technical documentation in reference 1, will be again flight authorized.

At the end of the process, a marking will be applied on VEGA 120 type reserve canopies, by affixing a stamp at the level of the trailing edge.

Canopies without this marking remain flight forbidden.

The application of this AD will be recorded in the technical VEGA 120 sheet.

4. **REFERENCE PUBLICATION:**

PARACHUTE SHOP Technical procedure P7001 on March 17, 2007.

5. **EFFECTIVE DATES:**

Original issue : Upon receipt from June 06, 2007

Revision 1 : Upon receipt from August 01, 2007.

6. **REMARK:**

If you have any questions concerning the technical content of the requirements of this AD, please contact:

PARACHUTE SHOP : Mr RACLOT

Tel.: 03 81 88 76 10

Fax: 03 81 88 35 31

E-Mail: parachute.shop@wanadoo.fr