



Airworthiness Directive

D-2005-248R1

Luffahrt-Bundesamt

Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
GERMANY

Supersedure: This AD supersedes Emergency AD D-2005-248.

Effective Date: 21 July 2005

PERFORMANCE VARIABLE e.K.

Affected:

Kind of aeronautical product:	Personnel Parachutes
Manufacturer:	Performance Variable e.K., Am Tower 16, 54634 Bitburg, Germany
Type:	Personnel Parachute OMEGA () / QUICK ()
Models affected:	OMEGA XXS, XS, S, M, L and XL (Container-System) with QUICK 120, 135, 150, 180 or 220 (Reserve Parachute)
Serial Numbers affected:	All serial numbers
German JTSA-Authorisation No.:	LBA.O.40.014/05 JTSA

Subject:

Personnel Parachute OMEGA () / QUICK () - OMEGA Container-System - Modification of Flap-No. 3, Visual Inspection of Bartecs, and Equipment Handbook Change

Reason:

The Luffahrt-Bundesamt (LBA) has received two reports of incidents and one report of a fatal accident, on which the Main Parachute in combination with the Container-System do not fully deploy. The real cause of these incidents and the fatal accident is still unknown and under investigation. Therefore, the LBA has issued the Emergency AD D-2005-248 in accordance with Article 10.1 of the European Union Regulation No. 1592/2002, which prohibits the use of the suspected Omega Container-Systems. That Emergency AD action was necessary to prevent further potential incidents or fatal accidents, which could result in serious or fatal injury to the personnel parachute user.

The manufacturer has now developed a modification of the container flap No. 3 and a visual inspection of the new bartecs at each packing. In addition, the manufacturer has revised the Equipment Handbook to clarify certain procedures for a safe jump operation and correct maintenance tasks.

We are issuing this AD, which supersedes the Emergency AD D-2005-248, to prevent malfunction of the main parachute in combination with the container-system, caused by line entanglement with flap No. 2 of the main container. Such malfunction could result in serious or fatal injury to the personnel parachute user.

Compliance/Action:

As indicated below, unless already accomplished:

1. MODIFICATION

Prior next jump, apply the bartecs on the binding tape of the flap No. 3 of the Omega Container-System in accordance with the Performance Variable Service Bulletin SB-O-200501, dated 18 July 2005.

2. VISUAL INSPECTION

As of the effective date of this AD: At each packing of the main parachute, perform the visual inspection of the bartecs in accordance with the Performance Variable Service Bulletin SB-O-200501, dated 18 July 2005.

3. EQUIPMENT HANDBOOK CHANGE

As of the effective date of this AD: Perform all jump operations, maintenance actions and repairs of the Personnel Parachute OMEGA () / Quick () Container-Systems in accordance with the revised Performance Variable Equipment Handbook (German Version) EH-O-Q01, Revision 4, dated 01 July 2005.

Technical publication of the manufacturer:

Performance Variable Service Bulletin SB-O-200501, dated 18 July 2005.

Performance Variable Equipment Handbook (German Version) EH-O-Q01, Revision 4, dated 01 July 2005.

The technical publications, which becomes herewith part of this AD, may be obtained from

Performance Variable e.K.

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EASA-Approval

Approved by the European Aviation Safety Agency (EASA) under approval number 2005-6101 on 21.07.2005.