



U.S. Department
of Transportation
**Federal Aviation
Administration**

New England Region

Boston Aircraft Certification Office
12 New England Executive Park
Burlington, MA 01803-5299

JUL 24 2012

In reply refer to: CW/sn/7/23/2012-651

Mr. Markus Görnemann
Certification Manager Parts & Appliances
European Aviation Safety Agency (EASA)
Postfach 10 12 53
D-50452 Köln
Germany

Dear Mr. Görnemann

Subject: TSO-C23d LODA Application

This is in reply to Firebird GmbH & Co. KG letter for a Technical Standard Order (TSO) design approval. We acknowledge receipt of European Aviation Safety Agency (EASA) letter Reference MGO/bbr/C1(5)/2012/(D)/52012, dated April 25, 2012 stating that the article complies with the requirements of TSO-C23d and that EASA assumes responsibility for oversight of the production of the article. We accept Firebird GmbH & Co. KG statement certifying, in accordance with 14 CFR 21.621, that the Parachutes listed below complies with the requirements of TSO-C23d and 14 CFR part 21 subpart O.

Based on the EASA certifying statement, we accept Firebird GmbH & Co. KG's TSO design approval to include the Parachutes listed below for manufacture at Firebird GmbH & Co. KG, located at Am Tower 16, 54634 Bitburg, Germany.

<u>Part/Model Number</u>	<u>Description</u>
P/N V1R1-O-01()	Personnel Parachute
P/N R-01()	Personnel Parachute

This letter of design approval (LODA), together with the EASA certificate of airworthiness for export, authorizes Firebird GmbH & Co. KG to identify the Parachutes with the TSO marking requirements described in 14 CFR 45.15(b) and in TSO-C23d. We issue the LODA in accordance with 14 CFR 21.621 governing issuance of TSO design approval for import articles. Each item must be accompanied by a certification of airworthiness for export issued by the EASA or a duly authorized designee/organization (14 CFR 21.502(a)).

Firebird GmbH & Co. KG must furnish the following statement to the original owner or installer of each article or multiple articles, if furnished to one source:

The conditions and tests required for TSO approval of this article are minimum performance standards. Those installing this article either on or within a specific type or class of aircraft must determine that the aircraft installation conditions are within the TSO standards which include any accepted integrated non-TSO functions standards. TSO articles and any accepted integrated non-TSO function(s) must have separate approval for installation in an aircraft. The article may be installed only according to 14 CFR part 43 or the applicable airworthiness requirements.

This LODA, issued under 14 CFR 21.621, is effective until surrendered, withdrawn, or otherwise terminated by the FAA under the provisions of 14 CFR 21.613. You, as the holder of this LODA, may not transfer it as stated in 14 CFR 21.614. The EASA airworthiness certification and production surveillance is essential in establishing and maintaining that this article meets TSO-C23d. With notice, we may withdraw this LODA if we find articles are not in compliance with the applicable TSO under the provisions of 14 CFR 21.2.

Without further FAA approval, we don't allow Firebird GmbH & Co. KG to mark articles if the company's name, address, or ownership changes. Firebird GmbH & Co. KG must notify the FAA through the EASA of proposed company name, address, or ownership changes.

Please note that technical data the FAA retains may be subject to Freedom of Information Act (FOIA) request. This office will notify Firebird GmbH & Co. KG of any request(s) pertaining to retained data and give Firebird GmbH & Co. KG the opportunity to protect the data from public disclosure.

If you have any questions regarding this authorization, contact Caspar Wang at caspar.wang@faa.gov or (781) 238-7799.

Sincerely,



Robert G. Mann
Manager, Boston Aircraft Certification Office