



July 10, 2017

In reply refer to: 150L-17-188

Mr. Georges Reuter  
President/CEO  
Firebird USA LLC  
409 N. Main St.  
Eloy, AZ 85131

Subject: Transfer/Issuance Technical Standard Order Authorization TSO-C23d  
Parachute Systems

References: 1. Tony B. Frost's Application Letter Dated February 22, 2017  
2. Tony B. Frost's Letter to Phoenix MIDO Dated February 13, 2017  
3. Firebird USA LLC's Appointment Letter (Undated)

Dear Mr. Reuter:

This is in reply to the letter of February 22, 2017 requesting the Technical Standard Order (TSO) authorization for your Parachute Systems. The Federal Aviation Administration (FAA) has approved the transfer of the TSO Letter of Design Approvals (LODA) to the TSO authorization listed in Table 1 below from Firebird GmbH & Co. KG, located at Am Tower 16, 54634 Bitburg, Germany, to Firebird USA LLC located at 409 N. Main St., Eloy, Arizona 85131.

We accept your statement certifying that your article meets the requirements of TSO-C23d and Title 14, Code of Federal Regulations (14 CFR) part 21, subpart O. Effective the date of this letter, we authorize you to identify the following Parachute Systems with the marking requirements defined in 14 CFR § 21.616(d) and in TSO-C23d.

Table 1 – List of FAA LODAs to be transferred and re-issued as TSOAs to Firebird USA LLC

Part/Model Number	Description	Original Company	Transfer Date
TD400	Reserve Parachute	Firebird GmbH & Co. KG	July 10, 2017
Omega	Personnel Parachute	Firebird GmbH & Co. KG	July 10, 2017
Quick	Personnel Parachute	Firebird GmbH & Co. KG	July 10, 2017
VIR1-0-01( )	Personnel Parachute	Firebird GmbH & Co. KG	July 10, 2017
R-01( )	Personnel Parachute	Firebird GmbH & Co. KG	July 10, 2017

Note: The above component part numbers were previously manufactured by Firebird GmbH & Co. KG.

Your quality control system, as defined in your Quality Control Manual, Revision New, dated February 22, 2017, currently on file at the Phoenix Manufacturing Inspection District Office (MIDO), is considered satisfactory and complies with 14 CFR § 21.607 for production of these articles at your facility located at 413 N. Main St., Eloy, Arizona 85131.

Transfer of the LODAs and issuance of the TSOA's listed in Table 1 above under Title 14 CFR § 21.614 has been approved with the following conditions:

1. Firebird USA is fully responsible for continued operational safety responsibilities, including compliance with 14 CFR § 21.3 for all articles previously manufactured by Firebird GmbH & Co. KG transferred under this request.
2. If Firebird GmbH & Co. KG has any minor design changes associated with these part numbers that have not been submitted to the FAA, the minor change data must be submitted to the Los Angeles Aircraft Certification Office (LA ACO) prior to the transfer date.
3. Firebird GmbH & Co. KG must return the original LODA letters to the Boston ACO if available and the Boston ACO must put those records in the local project file.
4. Once the transferred LODAs are issued to Firebird USA as TSOAs, Firebird GmbH & Co. KG may no longer produce the transferred models/part numbers.
5. If Firebird GmbH & Co. KG has a data retention agreement with the LA ACO, all necessary data must be given to the LA ACO prior to the transfer date.
6. Firebird USA must perform minor drawing changes for the parts listed in Table 1 to reflect their company name on the drawing boarders and labels (Outline Top Level Drawings and Label Drawings as a minimum).

Firebird USA LLC must furnish the following statement to the original owner or installer of each article (or multiple articles if furnished to one source):

“This article meets the minimum performance and quality control standards required by a technical standard order (TSO). Installation of this article requires separate approval.”

This TSO authorization, issued pursuant to 14 CFR § 21.611, is effective until surrendered, withdrawn or otherwise terminated under the provisions of 14 CFR § 21.613. With notice, we may withdraw this TSO authorization if articles are not in compliance with the applicable TSO performance standards pursuant to 14 CFR § 21.2.

You must provide one copy or online access to data listed as a furnished data requirement in the TSO to the original owner/installer of each article or multiple articles if furnished to one source (e.g., an operator, type certification holder, or repair station).

You must obtain FAA approval prior to making any changes to the location of your manufacturing facilities pursuant to 14 CFR § 21.609(b).

Without further FAA approval, we do not allow manufacturers to mark articles after they change their company's name, address, or ownership. You must notify the Aircraft Certification Office and MIDO of name, address, or proposed ownership changes.

Pursuant to 14 CFR § 21.614, a holder of a TSOA may not transfer it. If you wish to transfer it, you must request a transfer from the FAA.


Send to this office any design change(s) for this TSO article as outlined in 14 CFR § 21.619(a). You must notify us of minor design changes within six (6) months.

Also, as recipient of this authorization, we require you to report any failure, malfunction, or defect relating to articles produced under this authorization pursuant to 14 CFR § 21.3. The report should be communicated initially by telephone to the Manager, Cabin Safety, Mechanical & Environmental Systems Branch, ANM-150L, (562) 627-5227, within 24 hours after it has been determined the failure has occurred and followed up with a written notice. Federal Aviation Administration Form 8010-4 (Malfunction or Defect Report) or other appropriate format is acceptable in transmitting the required details.

Please note that technical data the FAA retains may be subject to Freedom of Information Act requests. This office will notify you of any request(s) pertaining to your data and give you the opportunity to protect the data from public disclosure.

If you have any questions regarding this authorization, please contact Ms. Myra Kuck, Project Manager, by telephone at (562) 627-5316, by e-mail at [Myra.J.Kuck@faa.gov](mailto:Myra.J.Kuck@faa.gov) or by facsimile at (562) 627-5210.

Sincerely,



for Manager, Technical & Administrative Support Staff