

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST01844LA

*This Certificate issued to* TDG Aerospace, Inc.  
545 Corporate Drive  
Escondido, CA 92029

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25\* of the Federal Aviation Regulations.*

*Original Product Type Certificate Number :* A16WE

*Make :* Boeing

*Model :* 737-300 series

*Description of Type Design Change:* Installation of TDG Aerospace, Inc. Universal Fault Interrupter (UFI) model 3000 relay for protecting the airplane from electrical faults in fuel pump and pump electrical power feed systems, having potential for introducing ignition sources, in the airplane center wing fuel tank. The installation of UFI 3000 part number 10-3000-0001 shall be in accordance with UFI 3000 Master Drawing List Document No: 10-3000-0023 Revision C, dated November 14, 2005, or later FAA approved revisions. The UFI 3000 design complies with 14 CFR § 25.981 (a) and (b) amendment 102.

*Limitations and Conditions* The approval of this change in type design applies to the above-noted aircraft models. This approval should not be extended to other specific aircraft of these model series on which other than noted previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of those aircraft. A copy of this STC must be included in the permanent records of the modified aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. (See Limitations and Conditions continued on page 3)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application :* December 3, 2003

*Date reissued :*

*Date of issuance :* December 14, 2005

*Date amended :*



*By direction of the Administrator*  
  
(Signature)

Thomas A. Enyart  
Manager, Propulsion Branch, Los Angeles Aircraft  
Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

---

---

## TRANSFER ENDORSEMENT

Transfer the ownership of the Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transfer)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

from *(Name of grantor)* *(Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

# Supplemental Type Certificate

*Number* ST01844LA

(Continuation Sheet)

*Limitations and Conditions continued:*

- 1) Based on § 25.981(b) the UFI 3000 is considered a Critical Design Control Configuration Limitation item (CDCCL), and must be maintained and operated as such, in accordance with TDG Aerospace Inc., Instructions for Continued Airworthiness (ICA), Aircraft Maintenance Manual Supplement; document No: 20-3000-002, Revision B, dated November 14, 2005.
- 2) Deviations from the ICA and maintenance document No: 20-3000-002, Revision B, dated November 14, 2005, must be approved by Los Angeles Aircraft Certification Office.
- 3) This installation is limited to airplane center wing fuel tank boost pumps.

-END-

---

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*