

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

Number SE01944LA

This Certificate issued to **JET ENGINEERING, LTD.**
2285 East Elvira Road
Tucson, Arizona 85745

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 33 of the Federal Aviation Regulations. *certification basis is set forth in Type Certificate Data Sheet E9NE*

Original Product Type Certificate Number: E9NE

Make: Pratt & Whitney

Model: JT8D-217, -217A, -217C, -219

Description of Type Design Change: Installation of a JET Engineering, Ltd. Turbine Exhaust Cone Mixer (TECM) on the above engine model(s) in accordance with JET Engineering Master Drawing List (MDL) No. 205-1000, Rev. D, dated January 17, 2007, or later FAA approved revisions. The following document is applicable for this installation: JET-TR-805 "Supplemental Structural Inspection Requirements", Revision N/C, dated April 27, 2004, or later FAA approved revisions.

Limitations and Conditions: This installation must be done concurrently with STC No. ST01943LA installation of Jet Engineering, Ltd. Advanced Jet Nozzles which modifies the airplane engine installation. Approval of this change in type design applies to the above engine model(s) only and must have United Technologies/P & W Service Bulletin No. 6091, "Exhaust Cone Attachment Modification" installed. This approval should not be extended to other specific engines of the models on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of that engine. 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.

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: January 10, 2005

Date reissued: February 8, 2008,
September 17, 2009

Date of issuance: January 17, 2007

Date amended: February 13, 2007



By direction of the Administrator

Thomas A. Szyost
(Signature)

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)*: _____