United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA1642NM

This certificate, issued to ARAMCO Associated Company

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 10 *of the* Civil Aviation *Regulations.*

Original Product — Type Certificate Number: A-817

Make: Fokker

Model: F-27 Mark 400

Description of Type Design Change: Installation of Conair aerial oil dispersent system constructed in accordance with Conair Fokker F-27 Spray System Manufacturing Drawing List and Project Report #1049, and installed in accordance with Conair E.O. #369 dated April 12, 1982.

Limitations and Conditions: Data pertaining to this modificaton are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Fokker Model F-27 Model 400, Serial Numbers 10294 and 10295 only. A copy of this Certificate, STC Addendum SA1642NM and FAA Approved Aiplane Flight Manual Supplement, shall be maintained as part of the permanent records for the modified aircraft. A copy of Addendum SA1642NM shall also be properly carried in the aircaft.

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: March 15, 1982

Date of issuance: May 19, 1982

Date reissued: July 28, 1986

Date amended: July 13, 1982, July 28, 1986

By direction of the Administrator

David G Hurley

(Signature)

Acting
Manager, Seattle 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.

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

United States of America
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Supplemental Type Certificate

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Number

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1642NM

OPERATING LIMITATIONS

Aircraft Make & Model	Serial Numbers	Registration Numbers
Fokker Model F27 Mark 400	10295	N-714A
	10294	N-710A

This aircraft has been issued a Certificate of Airworthiness permitting its operation in the Standard and Restricted Categories of Airworthiness under the previsions of FAR 91.39 and FAR 21.187(a). When operations are conducted in the Standard Category, the FAA approved operating limitations for that category will apply. The limitations below apply to the aircraft when it is operated in the Restricted Category.

1. This aircraft may be converted from the Restricted Category of Airworthiness to the Standard Category of Airworthiness and vice-versa, by a certificated mechanic without further inspection and approval by the FAA; provided the conversion instructions, as noted on STC SA1642NM dated May 19, 1982, are followed.

2. Prior to the carriage of passengers for compensation or hire, the aircraft must be converted to the Standard Category of Airworthiness, inspected, and found to be acceptable for the applicable airworthiness requirements.

3. Each time the aircraft is converted from one category to another, a logbook entry signed by the person performing the conversion must be made.

4. All operations must be conduced in accordance with the following:

   This aircraft has been issued a multiple Certificate of Airworthiness permitting operation in the Standard and Restricted Categories under the provisions of FAR 91.39 and 21.187(a). The aircraft may be converted from one category to another upon an inspection by an FAA inspector or by a certified mechanic to determine airworthiness. A logbook entry must be made by the persons performing the conversion.

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

Supplemental Type Certificate

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Number

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1642NM (Continued)

Note 2. SPECIAL PURPOSE RESTRICTED CATEGORY OPERATIONS

This approval applies to:

A. Aircraft certified for aerial spraying.

1. No persons other than the minimum crew required shall be carried.

2. This aircraft shall not be operated in any manner which will endanger public life and property. The operator shall adjust the takeoff weight to provide a safe margin of performance for the existing operating conditions considering the takeoff area, altitude, temperature and terrain.

3. Operating over densely populated ares is prohibited.

4. The following placard must be displayed in clear view of the pilot:

FOR RESTRICTED CATEGORY OPERATION
AIRSPEED LIMITS (CAS) V_{NE} = 200 KNOTS

5. Red radial line required on the airspeed indicator at 200 knots.

Note 3: STANDARD (NORMAL CATEGORY) OPERATIONS

1. Pior to the carriage of passengers, the aircraft must be converted to the Standard Classifiction of Airworthiness, inspected and found to be free from contamination by decayed fish or related matter.

2. The operating limitations in the form of placards or listing shown in the aircraft specifications Data Sheet Number A-817 apply for the Standard Category.

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

This certificate may be transferred in accordance with FAR 21.47.