United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA1263NW

This certificate, issued to AAR Oklahoma, Inc.

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 3 *of the* Civil Air *Regulations*, effective May 15, 1956, as amended by 3-1 through 3-8.

Original Product—Type Certificate Number: 3A25

Make: Cessna

Model: 340A

Description of Type Design Change: Installation of Olin Industries cloud seeding equipment in accordance with AAR Western Skyways, Inc. Installation Instructions WS-601-19-81 and photographs 1 through 4.

NOTE: This installation reduces the Vne (never exceed speed) to 200 KIAS from 234 KIAS during Restricted Category Operations.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Cessna model 340A aircraft, Serial Number 340A0105 only. A copy of this Certificate, Addendum No. SA1263NW, and FAA Approved Flight Manual Supplement, dated June 23, 1981, shall be maintained as part of the permanent records for the modified aircraft.

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: June 19, 1981

Date reissued: July 22, 1988

Date of issuance: June 23, 1981

Date amended:

By direction of the Administrator

David G Hurd

(Signature)

Manager, Seattle Aircraft Modification Branch

(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
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA1263NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1263NW

The conditions and limitations of Type Certificate Data Sheet No. 3A25 apply except where superseded by the following:

This Supplemental Type Certificate Addendum, which is part of STC SA1263NW, prescribes the conditions and limitations under which the STC was issued meets the airworthiness requirements of the Civil Air Regulations.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: AAR Oklahoma, Inc.

I. CESSNA MODEL 340A (NORMAL/RESTRICTED CATEGORY) AS MODIFIED BY STC SA1263NW

Same as basic configuration except for the reduction of the never exceed speed and the limitation of the seating capacity to a total of 3 people.

Airspeed Limitations (IAS):

Never Exceed Speed (Vne): 200 Knots IAS

Airspeed Indicator Instrument Markings (IAS):

Never Exceed Speed (glide or dive, smooth air): 200 Knots IAS (red line)

Required Placard:

The following placard must be displayed in full view of the pilot:

CESSNA 340A, N5405J
NORMAL/RESTRICTED CATEGORY
Vne: 200 KNOTS IAS
AIRCRAFT LIMITED TO 3 PLACES

NOTE 1: 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 (with exception, See NOTE 2) and FAR 21.187(a). The aircraft may be covered 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.

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Supplemental Type Certificate

(Continuation Sheet)

Number SA1263NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1263NW

NOTE 2: SPECIAL PURPOSE RESTRICTED CATEGORY OPERATIONS

This approval applies to the aircraft certified for the use of cloud seeding equipment; these limitations apply:

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, while over densely populated areas and near busy airports.

NOTE 3: STANDARD (NORMAL CATEGORY) OPERATIONS

1. Prior to the carriage of passengers, the aircraft must be converted to the Standard Category of airworthiness and inspected by an FAA inspector or a certified mechanic.

2. The operating limitations in the form of manuals, placards, or markings shown in the aircraft specifications apply for the Standard Category.

- END -

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

FAA FORM 8110-2-1 (10-69) *This certificate may be transferred in accordance with FAR 21.47.*