

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

*Number* SA771NE

*This certificate issued to* Field Aviation East Limited  
2450 Derry Road East, Hangar 2  
Mississauga, Ontario  
Canada L5S 1B2

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.*

*Original Product--Type Certificate Number :* A24CE

*Make :* Hawker Beechcraft Corporation

*Model :* 1900C

*Description of Type Design Change:*

**Configuration A. Installation of Litton Systems Canada Ltd. Automatic Flight Inspection System**

The installation of of Litton Systems Canada Limited, Automatic Flight Inspection System in accordance with Field Aviation Co. Ltd. Drawing List Number 33203, Issue D, dated July 1990.

1. Field Aviation Co. Ltd., Airplane Flight Manual Supplement P/N FACL-6565-03, for the "Installation of Litton Systems Canada Limited Automatic Flight Inspection System (A.F.I.S.)", by Canadian Dept of Transport on behalf of the FAA, approved July 24, 1990, is required with this modification.
2. These aircraft must be maintained in accordance with Field Aviation Company Ltd. Maintenance Manual Supplement, P/N FACL-6565-02, Amendment 1, DOT approved July 12, 1990, or later DOT approved amendments.

**Configuration B. Installation of NSM Automatic Flight Inspection System**

The installation of the NSM Automatic Flight Inspection System to be done in accordance with FACI Master Drawing and Data List designated 25320000 Rev B, dated April 10, 2013, or later Transport Canada approved revisions.

1. Operation must be in accordance with FACI Flight Manual Supplements, 25323000 Rev A, Transport Canada approved November 20, 2012, 25323001 Rev IR, Transport Canada approved Aug 16, 2012, 25323002 Rev IR, Transport Canada Approved August 16, 2012 or later Transport Canada approved revisions.

(See Continuation Sheet, Page 3 of 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:* Oct 24, 1989

*Date of issuance:* July 24, 1990

*Date reissued:*

*Date amended:* April 18, 2013

*By direction of the Administrator*



(Signature)

Gaetano Sciortino  
Manager  
New York 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.

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(Continuation Sheet)

*Number* SA771NE

Date of Amendment: April 18, 2013

*Description of Type Design Change (Continued).*

2. Maintenance must be in accordance with FACI Maintenance Manual Supplements, 25323100 Rev A, dated November 27, 2012, 25323101 Rev B, dated March 11, 2013, 25323102 Rev B, dated March 11, 2013, 25323103 Rev B, dated March 11, 2013, 25323104 Rev B, dated March 11, 2013, 25323105 Rev B, dated March 08, 2013, 25323106 Rev A, dated February 06, 2013 or later Transport Canada accepted revisions..

*Limitations and Conditions :*

**Configuration A. Installation of Litton Systems Canada Ltd. Automatic Flight Inspection System**

1. **Structural Life Limits**

The life limited components, mission profile, and associated retirement times for the various components of the modified AFIS aircraft are noted in DOT approved Field Aviation Company Ltd. Maintenance Manual Supplement, P/N FACL-6565-02.

2. This STC approval is for aircraft serial numbers; S/N's UC-30 and UC-32 only.

3. The STC approval does not include the Sperry EDZ-601/EDZ-801 Electronic Flight Instrument System as referenced in Beechcraft 1900 and 1900C Airliner Landplanes Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for the Sperry SPZ-2000 Automatic Flight Control System (P/N 114-590021-23, revised September 1987).

**Configuration B Installation of NSM Automatic Flight Inspection System**

1. The life limited components, mission profile, and associated retirement times for the various components of the modified AFIS aircraft are noted in the Transport Canada accepted Field Aviation Maintenance Manual Supplement, designated 25323106.

2. This STC approval is for aircraft serial numbers; S/N's UC-30 and UC-32 only.

3. If the holder agrees to permit another person to use the certificate to alter the product, the holder must give the other person written evidence of that permission.

4. The installer must determine whether this design change is compatible with previously approved modifications.

*Certification Basis:*

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Beech Model 1900C is as follows:

- a) For parts not changed or not affected by the change: The existing type certification basis for the aircraft model as shown on the FAA Type Certificate Data Sheet A24CE
- b) For parts changed or affected by the change: The existing type certification basis for the aircraft model as shown on the FAA Type Certificate Data Sheet A24CE.

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