



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

## IMPORT

Number: SA03954NY

This certificate issued to: IMP Electronic Systems  
An Operating Unit of IMP Aerospace & Defence  
3101 Hammonds Plains Road  
Hammonds Plains, Nova Scotia  
B3Z 1H7, Canada

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: Beechcraft  
Model: 1900D

### Description of Type Design Change:

1. Installation of Pro-Line 21 dual PFD Integrated Display in accordance with IMP Electronic Systems Master Drawing List 379608-001 Rev B dated March 6, 2017, Transport Canada Approved March 9, 2017 or later Transport Canada approved revision.
2. Operation must be in accordance with IMP Electronic Systems Flight Manual Supplement 379608-600, Rev B dated June 6, 2017, Transport Canada approved July 5, 2017 or later Transport Canada approved.
3. Maintenance must be in accordance with IMP Electronic Systems Maintenance Instructions 379608-500, Rev A, dated December 23, 2016, Transport Canada accepted March 9, 2017 or later Transport Canada accepted revision.

### Limitations and Conditions:

1. Only the configurations per IMP Electronic Systems Top Drawing 379608-000 Rev A, dated March 2, 2017 and Transport Canada approved March 9, 2017, are approved for this STC.
2. When Garmin GTN 725 GPS Navigator is installed in accordance with this approval, GTN operation must be in accordance with IMP Electronic Systems Flight Manual Supplement 379608-601 Rev B, dated June 6, 2017 Transport Canada approved July 5, 2017.

(See Limitations and Conditions continued on Page 3 of 3)

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

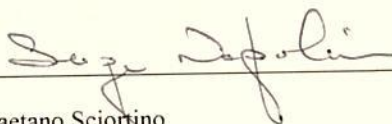
Date of Application: December 17, 2016

Date Reissued:

Date of Issuance: October 25, 2017

Date Amended:

By Direction of the Administrator

For Signature 

Title Gaetano Sciortino  
Manager  
New York Aircraft Certification Office

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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 Supplemental Type Certificate Number: SA03954NY*

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

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**Supplemental Type Certificate**  
 (Continuation Sheet)

Number: SA03954NY

Date of issuance: October 26, 2017

Limitations and Conditions (continued):

3. The 1900D aircraft being modified must be already configured with an FAA approved King KA92 GPS antenna installed at F.S. 322.9. The Structural mounting provisions will be re-used. The documentation package does not support the new installation of structural provisions for installation a GPS antenna.
4. The 1900D aircraft being modified must be equipped with an FAA approved standby attitude, altitude and airspeed indicators.
5. The 1900D aircraft being modified must have Beechcraft S.B. 2512 applied.
6. The installer must determine whether this design change is compatible with previously approved modification.
7. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

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 Beechcraft Model 1900D us 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 changed: The existing basis for the aircraft models as shown on the type certification basis for the aircraft models as shown on the FAA type Certification Data Sheet A 24 CE, plus the following:

CFR 14, FAR 23

23.1 at amdt. (23-34)	23.863 at amdt. (23-34)	23.1351 at amdt. (23-49)
23.29 at amdt. (23-21)	23.867(a), (b) at amdt. (23-49)	23.1353 at amdt. (23-62)
23.301 at amdt. (23-48)	23.1301 at amdt. (23-62)	23.1357 at amdt. (23-43)
23.303 at amdt. (orig)	23.1303 at amdt. (23-62)	23.1359 at amdt. (23-49)
23.305 at amdt. (23-45)	23.1305 at amdt. (23-34)	23.1365 at amdt. (23-49)
23.307 at amdt. (orig)	23.1306 at amdt. (23-61)	23.1367 at amdt. (orig)
23.365 at amdt. (orig)	23.1307 at amdt. (23-49)	23.1381 at amdt. (orig)
23.561 at amdt. (23-34)	23.1308 at amdt. (23-57)	23.1431 at amdt. (23-62)
23.601 at amdt. (orig)	23.1309 at amdt. (23-62)	23.1501 at amdt. (23-21)
23.603 at amdt. (23-23)	23.1311 at amdt. (23-62)	23.1523 at amdt. (23-34)
23.605 at amdt. (23-23)	23.1321 at amdt. (23-49)	23.1529 at amdt. (23-26)
23.607 at amdt. (23-48)	23.1322 at amdt. (23-43)	23-1541 at amdt (23-21)
23.609 at amdt. (orig)	23.1323 at amdt. (23-62)	23.1545 at amdt. (23-62)
23.611 at amdt. (23-48)	23.1325 at amdt. (23-50)	23.1555 at amdt. (23-62)
23.613 at amdt. (23-45)	23.1327 at amdt. (23-20)	23.1581 at amdt. (23-50)
23.771(a) at amdt. (23-14)	23.1329 at amdt. (23-49)	23.1585 at amdt. (23-62)
23.773 (a),(2) at amdt.(23-45)	23.1331 at amdt. (23-43)	23.1543(b) at amdt. (23-50)
23.777 (a),(b) at amdt.(23-62)	23.1337 at amdt. (23-18)	

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