

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

Number ST01662CH-D

This certificate issued to ElectroSonics
4391 International Gateway
Columbus, OH 43219

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 25 of the Federal Aviation Regulations. See Type Certificate Data Sheet A10CE for complete certification basis.

Original Product - Type Certificate Number: A10CE
Make: Learjet Inc.
Model: 35, 35A, 36, 36A, 31, 31A

Description of Type Design Change:

Installation of a Honeywell Mark VIII Enhanced Ground Proximity Warning System, EGPWS with video display of terrain. Installed per ElectroSonics Drawing ES35-300162-01, Rev. B, dated June 07, 2003 or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. FAA Approved Flight Manual Supplement, Document Number ES35-300162-100, revision IR dated August 23, 2002 or later FAA Approved revision is a required part of this STC for option 1.
3. FAA Approved Flight Manual Supplement, Document Number ES31-300099-101, revision IR dated April 15, 2003 or later FAA Approved revision is a required part of this STC for option 2.

Continued on Page 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: 07/31/2002

Date reissued: 10/09/2002

Date of issuance: 08/26/2002

Date amended: 04/15/2003, 10/19/2003



By direction of the Administrator

Tim Winiesdorffer
(Signature)

Tim Winiesdorffer, DAS Administrator, DAS 3 CH
ElectroSonics, Columbus, OH

(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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Supplemental Type Certificate
(Continuation Sheet)

Date amended: 10/19/2003

4. FAA Approved Flight Manual Supplement, Document Number ES35-300162-102, Revision A dated October 19, 2003 or later FAA Approved revision is a required part of this STC for option 3.
5. The aircraft must be maintained in accordance with FAA Approved Maintenance Manual Supplement (Instructions for Continued Airworthiness), Document Number ES35-300162-200, revision B dated October 19, 2003 or later FAA Approved revision in addition to the basic airplane maintenance manuals for option 1 & 2.
6. The aircraft must be maintained in accordance with FAA Approved Maintenance Manual Supplement (Instructions for Continued Airworthiness), Document Number ES31-300099-201, revision IR dated April 15, 2003 or later FAA Approved revision in addition to the basic airplane maintenance manuals for option 2.
7. 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.

END

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