

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

Number ST02164CH

This certificate issued to

Western Aircraft, Inc.
4300 S. Kennedy Street
Boise, Idaho 83705-5090

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 Aeronautics Bulletin No. 7-A.

(See Page 3 of 3 for complete certification basis.)

Original Product--Type Certificate Number: A-669

Make: McDonnell Douglas

Model: DC3C-R-1830-90C

Description of Type Design Change:

Installation of a Sandel ST3400 Terrain Awareness and Warning System (TAWS) in accordance with Armstrong Aerospace Master Data List, Doc. No. DC104-3127-00, Revision A, dated May 31, 2005, 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 Airplane Flight Manual Supplement, Armstrong Aerospace Doc. No. DC303-3127-00, Revision -, approved June 10, 2005, or later FAA approved revision, is required on board the modified aircraft.
- 3) FAA Approved Airplane Flight Manual Supplement, Armstrong Aerospace Doc. No. DC303-3127-01, Revision -, approved June 10, 2005, or later FAA approved revision, is required on board the modified aircraft.
- 4) 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.

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 23, 2005

Date reissued: June 29, 2005

Date of issuance: June 10, 2005

Date amended:



By direction of the Administrator

(Signature)

Charles L. Smalley
Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST02164CH

Date of issuance: June 10, 2005; Reissued June 29, 2005

Certification Basis:

The certification basis for the changed McDonnell Douglas DC3C-R-1830-90C as described in this certificate is as follows:

- a. The type certification basis for the McDonnell Douglas DC3C-R-1830-90C is shown on TCDS A-669 for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, March 23, 2005, is shown on TCDS A-669. In addition, the applicant has voluntarily complied with 14 CFR Part 25 as amended by Amendment 25-117.

Regulations at the latest amendment 25-0 through 25-117

25.1; 25.29; 25.301(a)-(c); 25.303; 25.305(a)-(f); 25.307(a), (b), (d); 25.561(a)-(d); 25.601; 25.603(a)-(c); 25.605(a)-(b); 25.607(a)-(c); 25.609(a)-(b); 25.611; 25.613(a)-(e); 25.619(a)-(c); 25.625(a)-(d); 25.869(a); 25.981(a); 25.1301(a)-(d); 25.1303(a)-(b); 25.1307(c); 25.1309(a)-(g); 25.1321(a), (d), (e); 25.1322(a)-(d); 25.1327(a)-(b); 25.1331(a)-(b); 25.1333(c); 25.1351(a); 25.1353(a), (b), (d); 25.1355(a), (c); 25.1357(a), (c); 25.1381(a)-(b); 25.1431(a)-(d); 25.1501(a)-(b); 25.1529; 25.1581(a), (b), (d); 25.1583(a)-(f) (h)-(i); 25.1585(a)-(e).

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