

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

Number ST01332WI

This certificate issued to:

Duncan Aviation, Inc.
3701 Aviation Road
Lincoln, NE 68524

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 25 of the Federal Aviation Regulations.

Original Product--Type Certificate Number: A16NM
Make: Gulfstream Aerospace LP
Model: 1125 Westwind Astra; S/N's 4-29 and 31-41

Description of Type Design Change: Installation of a Collins IDS-3000 Integrated Display System with IFIS-5000 Integrated Flight Information System and XM Data Receiver. Data Required: (1) Duncan Aviation Document List 050127023 Rev. E, Dated May 26, 2005; and (2) FAA Approved Airplane Flight Manual Supplement 050119019 Rev Ø, Dated May 27, 2005, or later FAA Approved Revisions to (1) or (2).

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be determined by the installer.

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.

(See continuation sheet 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: February 16, 2005

Date reissued:

Date of issuance: May 27, 2005

Date amended:



By direction of the Administrator

Original signed by HEN

(Signature)

Harvey E. Nero
FAA Program Manager
Wichita Aircraft Certification Office

(Title)

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Supplemental Type Certificate
 (Continuation Sheet)

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* Certification Basis: With respect to the modifications of this STC, the applicant has complied with the following Sections of the Federal Aviation Regulations, 14 CFR Part 25, effective February 1, 1965, as amended by the Amendments stated as follows:

| 14 CFR Part | Amendment | 14 CFR Part | Amendment |
|---|-----------|---|-----------|
| 25.301(a)(b)(c) | 25-23 | 25.1307(c)(e) | 25-72 |
| 25.303 | 25-23 | 25.1309(a)(b)(1)(2)(c)(d)(1) (2)(3)(4)(e)(1)(2)(3)(4)(g) | 25-41 |
| 25.305(a) | 25-86 | 25.1316(a)(b)(c) | 25-80 |
| 25.307(a) | 25-72 | 25.1321(a) (b)(1)(2)(3)(4)(e) | 25-41 |
| 25.365(a)(b)(c)(d) | 25-87 | 25.1322(d) | 25-38 |
| 25.561(b)(3)(c)(d) | 25-91 | 25.1323(a)(f)(g)(h) | 25-109 |
| 25.571(a)(b) | 25-96 | 25.1325(a)(c)(1)(d) | 25.108 |
| 25.581(a)(c)(1)(2) | 25-23 | 25.1327(a)(b) | - |
| 25.601 | - | 25.1329(h) | - |
| 25.603(a)(b)(c) | 25-46 | 25.1331(A)(3) (a)(1)(2)(3) | 25-41 |
| 25.605(a) | 25-46 | 25.1333(b)(c) | 25-41 |
| 25.607(a)(b) | 25-23 | 25.1335 | 25-41 |
| 25.609(a)(b) | - | 25.1351(a)(1)(b)(4)(d) | 25-72 |
| 25.611 | 25-23 | 25.1353(a)(b)(d)(1)(2)(3) | 25-113 |
| 25.613(a)(b)(c) | 25-112 | 25.1357(a)(c)(d)(e) | - |
| 25.619(a)(b)(c) | 25-23 | 25.1381(a)(1)(2)(b) | 25-72 |
| 25.625(a)(b)(c) | 25-72 | 25.1431(a)(b)(c)(d) | 25-113 |
| 25.869(a)(4) | 25-113 | 25.1529 | 25-54 |
| 25.1301(a)(b)(c)(d) | - | 25.1581(a)(b)(d) | 25-72 |
| 25.1303(b)(1)(2)(3)(4)(5)(6) (c)(1)(2) | 25-90 | | |

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