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

Number SA01969SE

This Certificate issued to:

Mid-Continent Instruments and Avionics
9400 East 34th Street North
Wichita, KS 67226

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

Original Product Type Certificate Number:

See attached FAA-Approved Model List (AML) issued 17 January 2014 or later FAA-approved revisions for the list of approved airplane models, applicable installation data requirements, and specific limitations.

Make:
Model:

Description of Type Design Change: Installation of a Mid-Continent MD302 Standby Attitude Module in accordance with Master Data List AM0261-DL02-00, specified on the attached FAA-Approved Model List (AML) issued 17 January 2014, or later FAA-approved revision. Altered aircraft must be maintained in accordance with the Instructions for Continued Airworthiness (ICA) document AM0261-IC01-00, Revision "—", dated 11 November 2013 or later FAA-accepted revision.

Limitations and Conditions: Approval of this change in type design applies to the aircraft listed on the AML only. This approval should not be applied to an eligible aircraft model on which other previously-approved modifications are incorporated unless it is determined by the installer that the relationship between this change and the other previously-approved modifications will introduce no adverse effect upon the airworthiness of the aircraft.

(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, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: March 25, 2013

Date received:

Date of issuance: January 17, 2014

Date issued:



By direction of the Administrator

Ben P. Smith
(Signature)

ODA Administrator
(Title)

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 in accordance with FAR 21.47

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional 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 the Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transfer) _____

(Number and street)

(City, State, and Zip code)

From *(Name of grantor) (Print or type)* _____

(Address of grantor) _____

(Number and street)

(City, State, and Zip code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (In ink): _____

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

(Continuation Sheet)

Number SA01969SE

Limitations and Conditions Continued

The MD302 cannot be used as a primary display. For aircraft that require the pilot to hold a type rating, the candidate aircraft must be equipped with primary flight displays that include vertical tape displays of airspeed and altitude. This AML STC is only applicable to 14 CFR part 23 Class I, II, III, and IV aircraft as defined in Advisory Circular 23.1309-1(). 14 CFR part 25, 27, and 29 aircraft are not authorized under this STC.

For airplanes with maximum gross weights of 6000 lbs or more (AC 23.1309-1() Class II and IV aircraft), the primary display systems must consist of at least two displays of airspeed, altitude, and attitude. If the primary display system does not include two displays of airspeed, altitude, and attitude, the installer must obtain an independent approval addressing the system safety aspects of the applicable amendment of 14 CFR 23.1309, Equipment, Systems, and Installations.

A copy of this certificate and the FAA-approved AML must be maintained as part of the permanent records for the modified aircraft.

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-----

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 in accordance with FAR 21.47



**Master Data List
for the
Mid-Continent Instruments and Avionics
MD302 Standby Attitude Module Installation
On
Approved Model List**

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Manual Number: AM0281-DL02-00
Rev. B, 7/1/19

Master Data List

This document is the Master Data List (MDL) for the installation of a Mid Continent Instruments MD302 SAM (Standby Attitude Module) on aircraft listed on the AML and identifies the Installation Data List (IDL) and the Compliance Data List (CDL).

The IDL provides a list of all data necessary for the installing agency to complete the modification. No other data lists or data is required by the installer for this modification.

DOCUMENTS			
Number	Revision	Date	Title
AM0261-DL03-00	B	1 Jul 2019	Installation Data List for the Mid-Continent Instruments MD302 Standby Attitude Module Installation on Approved Model List
AM0261-DL05-00	B	1 Jul 2019	Compliance Data List for the Mid-Continent Instruments MD302 Standby Attitude Module Installation on Approved Model List



**Installation Data List
for the
Mid-Continent Instruments and Avionics
MD302 Standby Attitude Module Installation
on
Aircraft Listed in the Aircraft Model List**

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Compliance Data List

DRAWINGS and DOCUMENTS			
Number	Revision	Date	Title
AM0261-IM01-00	D	1-Jul-2019	Installation Instructions for the Installation of the MD302 Standby Attitude Module on Aircraft Listed in the Aircraft Model Listing
AM0261-IC01-00	A	1-Jul-2019	Instructions for Continued Airworthiness for the Installation of the Mid Continent Instruments MD302 on the Approved Model List Aircraft
AM0261-FM01-00	A	1-Jul-2019	FAA Approved Flight Manual Supplement for Aircraft on the STC Approved Model List - Installation of a Mid Continent MD302 Standby Attitude Module

