

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

Number SA03359NY

This certificate issued to Innovative Solutions and Support
720 Pennsylvania Ave
Exton, PA 19341

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 23 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number: A00002AC

Model: Eclipse Aviation

Model: EA500

Description of Type Design Change:

Installation of Autothrottles, Standby Display Unit and Flight Management System updates in accordance with Innovative Solutions and Support Master Drawing List, document number 1D-08905, revision 6, dated January 16, 2014.

Innovative Solutions and Support Airplane Flight Manual Supplement, document number 1D-08291, revision 6, FAA approved on December 26, 2013 is required as part of this installation.

The aircraft is to be maintained in accordance with Innovative Solutions and Support Instructions for Continued Airworthiness, document number 1D-10186, revision 5, dated December 18, 2013.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. 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.

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

Date of application: April 15, 2011

Date reissued:

Date of issuance: December 26, 2013

Date amended: January 22, 2014

By direction of the Administrator



(Signature)

Gaetano Sciortino
Manager
New York Aircraft Certification Office

(Title)

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

Number SA03359NY

Date of Amendment: January 22, 2014

Limitations and Conditions (Continued):

3. Installation of Flight Management System in accordance with STC SA02946NY issued on March 28, 2011 is a prerequisite to this modification.
4. Installation of NG 2.5 Provisions in accordance with Eclipse MB 500-31-003 issued on October 11, 2013 is a prerequisite to this modification.
5. Installation of Engine PW610F-A-FADEC Software version 0406 is a prerequisite to this modification.
6. Installation of Aircraft Computer System (ACS) Software Update to 5.5.06 in accordance with Eclipse MB 500-31-004 issued on September 20, 2013 is a prerequisite to this modification.
7. Installation of Byteflight Input/Output (BIO) Software Update to 6.0 in accordance with Eclipse SB 500-31-005 issued on September 20, 2013 is a prerequisite to this modification.

Certification Basis:

The certification basis for the changed Eclipse EA500 series aircraft as described in this certificate is as follows:

- a. The type certification basis for Eclipse EA500 series airplanes is shown on Type Certificate Data Sheet A00002AC for parts not changed or not affected by the change.
- b. Special Condition 23-13-01-SC
- c. The certification basis for parts changed or affected by the change is as shown on Type Certificate Data Sheet A00002AC. In addition, the holder of this certificate has complied with 14 CFR Part 23 as amended by Amendment 23-62.

The following lists the Federal Aviation Regulations complied with through Amendment Level 23-62

23.777 23.1301 23.1303 23.1306 23.1308 23.1309 23.1310 23.1311 23.1323 23.1331
23.1431 23.1545 23.1555 23.1585 23.1587

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