SUPPLEMENTAL TYPE CERTIFICATE

10058529 REV. 2

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

CMD FLIGHT SOLUTIONS, LLC

9199 COTTERS RIDGE
RICHLAND MI 49083
USA

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

Type Certificate Number: See FAA Approved Model List (AML) ST03424CH, dated 6 June 2018.
Type Certificate Holder: See FAA AML
Type: See FAA AML
Model: See FAA AML
Original STC Number: FAA STC ST03424CH

Description of Design Change:
Certification of Automatic Dependent Surveillance - Broadcast (ADS-B) Out System with Rockwell Collins TDR-94D Transponders.

EASA Certification Basis:
The Certification Basis for the original product as amended by the following additional or alternative airworthiness requirements for the following paragraph(s) at a later amendment:

The type certification basis for the aircraft listed on the EASA Approved Model List is shown on TCDS listed on the EASA Approved Model List for parts not changed or not affected by this change. The certification basis for

See Continuation Sheet(s)

For the European Aviation Safety Agency

Cologne, Germany, 18 July 2018

Colin HANCOCK
Section Manager
Regional Transport Aeroplanes

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parts changed or affected by this change is as follows:

Regulations at the amendment level:
14 CFR §§ 25.301 [25-23], 25.303[25-23], 25.305(a)(b)(c)[25-86], 25.307(a)[25-72], 25.561(c) [25-91], 25.601[25-00], 25.603(a)(b)(c)[25-46], 25.605(a)[25-46], 25.607 [25-23], 25.609(a)(b)[25-00], 25.611(a) [25-123], 25.613(a)(b)(c) [25-112], 25.619 [25-23], 25.625(a)(b)(c)[25-72], 25.789(a) [25-46], 25.1301(a)(1)(2)(3)(4) [25-123], 25.1322(a)(1)(e)(1) [25-131], 25.1327(a) [ORIG], 25.1351 (a)(1) [25-72], 25.1353(c) [25-123], 25.1357(a)(c) [25-123], 25.1381(a)(b) [25-72], 25.1431 (a)(b)(c)(d) [25-113] , 25.1501 [25-42], 25.1525 (ORIG), 25.1529 [25-54], 25.1581 [25-72], 25.1583(e) [25-130], 25.1585(a) [25-105], CS-ACNS initial issue.

The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

Associated Technical Documentation:
AIRPLANE FLIGHT MANUAL SUPPLEMENT, REPORT NO DB1409004 REVISION D

or later revisions of the above listed documents approved by EASA in accordance with EASA ED Decision 2004/04/CF (or subsequent revisions of this decision)" and/ or the Technical Implementation Procedures of EU/ USA Bilateral Agreement.

DAN BUZZ & ASSOCIATES MASTER DATA LIST, DOCUMENT No. DB1409001 Rev R, dated June 1, 2018, OR LATER FAA APPROVED REVISION.

Limitations/Conditions:
THE TDR-94 transponder is a non-diversity transponder. Installation of the TDR-94D transponder is required for operations in accordance with European Air Operations rules. Airplane Flight Manual supplement, Report No DB1409004 Revision C or later revision approved by EASA must be attached to the Flight Manual.
Successful completion of Ground test Plan DB1410017 Revision D dated April 4, 2016 or later FAA/EASA approved revision must be accomplished following implementation of this STC.

Prior to installation of this design change it must be determined that the interrelationship between this design change and any other previously installed design change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

This STC is valid for aircraft types and models approved by EASA and listed on the FAA AML ST03424CH, dated 6 June 2018.

- End -

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