



Transport
Canada

Transports
Canada

Department of Transport

Supplemental Type Certificate

This approval is issued to:

CMD Flight Solutions LLC
9199 Cotters Ridge
Richland, MI 49083
U.S.A.

Number: SA17-36

Issue No.: 6

Approval Date: June 22, 2017

Issue Date: June 11, 2018

Responsible Office:

Québec

Aircraft/Engine Type or Model:

See Eligibility List on Pages 2 and 3

Canadian Type Certificate or Equivalent:

See Eligibility List on Pages 2 and 3

Description of Type Design Change:

Certification of Automatic Dependent Surveillance - Broadcast (ADS-B) Out System with Rockwell Collins TDR-94/-94D Transponders in accordance with FAA STC ST03424CH.

**Installation/Operating Data,
Required Equipment and Limitations:**

Certification of Automatic Dependent Surveillance - Broadcast (ADS-B) Out System with Rockwell Collins TDR-94/-94D Transponders is to be performed, maintained and operated in accordance with Dan Buzz & Associates LLC and CMD Flight Solutions LLC following documents:

- Master Data List, Report No: DB1409001, Revision O, dated May 23, 2017 *;
- Instructions for Continued Airworthiness, Report No: DB1409003, Revision C, dated December 21, 2016 *; and,
- Airplane Flight Manual Supplement, Report No: DB1409004, Revision D, dated March 7, 2017 *.

* Or later FAA approved/accepted revisions.

See (Continuation Sheet)



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.


Gennaro Nigro
For Minister of Transport

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NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN

**Installation/Operating Data,
Required Equipment and Limitations (Cont'd):**

ELIGIBILITY LIST		
AIRCRAFT		CDN / US TYPE CERTIFICATE
MAKE	MODEL	
Bombardier Inc.	BD-100-1A10	A-234 / T00005NY
	CL-600-1A11 (600) CL-600-2A12 (601 Variant) CL-600-2B16 (601-3A, 601-3R and 604 Variant) CL-600-2C10 (Regional Jet Series 700, 701 and 702) CL-600-2D15 (Regional Jet Series 705) CL-600-2D24 (Regional Jet Series 900) CL-600-2E25 (Regional Jet Series 1000)	A-131 / A21EA
	DHC-8-100 Series DHC-8-200 Series DHC-8-301, -311, -315 DHC-8-400 Series	A-142 / A13NM
Cessna Aircraft Company	650 (Citation III, VI, VII)	A-140 / A9NM
Dassault Aviation	Falcon 2000, 2000EX	A-249 / A50NM
	Falcon 900EX Mystère Falcon 50, 50EX, 900	A-136 / A46EU
Gulfstream Aerospace Corporation	G-1159, G-1159A, G-1159B, G-IV, GV, GV-SP	A-129 / A12EA
Gulfstream Aerospace LP	Astra SPX, 1125 Westwind Astra, Gulfstream 100, Gulfstream G150	A-202 / A16NM
	Galaxy, Gulfstream 200	A-215 / A53NM
Hawker Beechcraft Corporation	HS.125 Series 700A	A-75 / A3EU
	BAe 125-800A, Hawker 800XP, Hawker 850XP, Hawker 900XP, Hawker 750	A-145 / A3EU



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**Installation/Operating Data,
Required Equipment and Limitations (Cont'd):**

ELIGIBILITY LIST		
AIRCRAFT		CDN / US TYPE CERTIFICATE
MAKE	MODEL	
Learjet	24, 24A, 24B, 24B-A, 24C, 24D, 24D-A, 24E, 24F, 24F-A, 25, 25A, 25B, 25C, 25D, 25F, 28, 31, 55B	A10CE
	31A, 35, 35A, 36, 36A, 60	A-128 / A10CE
	45	A-214 / T00008WI
	55	A-138 / A10CE
Textron Aviation Inc.	500, 550, S550, 560, 560XL	A-130 / A22CE

Limitations / 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.
3. The installation of Rockwell Collins TDR-94/-94D Transponder installation must be previously approved, and obtained separately from this STC.
4. Successful completion of Ground Test Plan DB1410017 Revision D dated April 4, 2016, or later FAA approved revision, must be accomplished following implementation of this STC.
5. Additional information regarding Transport Canada Certification Basis for the models listed is provided in the following reports:
 - Model Qualification Report DB1805001 Revision IR dated May 2, 2018;
 - Model Qualification Report DB1801007 Revision IR dated January 15, 2018;
 - Model Qualification Report DB1704002 Revision B dated November 20, 2017;
 - Model Qualification Report DB1710001 Revision IR dated October 04, 2017; and,
 - Model Qualification Report DB1706001 Revision IR dated June 05, 2017.

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