



Transport Canada    Transports Canada

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Ottawa, ON  
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Our file    Notre référence  
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15417409

December 9, 2019

Mr. Robin St-Arnaud  
President and Accountable Executive  
CMC Electronics Inc.  
600 Dr. Frederik Philips Boulevard  
Ville Saint-Laurent, Quebec  
H4M 2S9

## **Transport Canada Civil Aviation Type 2 Letter of Acceptance for CMC Electronics' Aeronautical Data Process**

Dear Mr. St-Arnaud

This Type 2 Letter of Acceptance (LOA) is issued to CMC Electronics Inc. (CMC), holder of CAR 561 manufacturing approval 3-73, based on CMC's Aeronautical Database Process meeting the objectives of FAA/AC 20-153B and RTCA/DO-200B as documented in the CMC's Statement of Compliance (SoC) (RDIMS #15541546). This letter and the amendment to their CAR 561 manufacturing approval provide CMC the authority to process and distribute navigation databases for the products listed as part of their certificate approval. TCCA regards CMC's CAR 561 approval and this LOA as equivalent to FAA's Type 2 Letter of Acceptance and EASA's Type 2 DAT certificate.

For this Type 2 LOA, DO-200B compatibility has been established with the product lines enumerated in document "Aeronautical Databases Compatibility List to RTCA/DO-200B & FAA/AC 20-153B "919-603183-000 Revision "-" or later approved revision. The RTCA/DO-200B standard and the process to be followed for compliance is referenced to in CMC's approved Design Approval Procedures Manual (DAPM). TCCA continues to retain oversight authority and surveillance over the process.

**Canada**

[www.tc.gc.ca](http://www.tc.gc.ca)

03-0416 (1307-02)

**This LOA is not transferable and remains effective until surrendered by the holder, or suspended or otherwise cancelled by TCCA.**

**The following terms and conditions form an integral part of this LOA:**

- 1. This LOA shall remain in effect until the CAR 561 certificate is surrendered, suspended or cancelled.**
- 2. CMC must strictly adhere to the procedures identified in its DO-200B compliance plan – document number 177-A14634-003 – with regards to DQRs and data processing, and to CMC's CAR 561 approved manufacturer's policy manual.**
- 3. CMC must report to TCCA any failure, malfunction, or defect of the aeronautical data produced under this LOA having a potential safety effect on operational use of the data.**
- 4. CMC must provide a release statement with each database distribution to broadcast LOA status, state their compliance, and provide information on known deviations and modifications.**
- 5. CMC must perform periodic internal audits as described in RTCA/DO-200B, section 3, in accordance to CMC's Qualigram 9502-0344 "Aeronautical Database Airworthiness Process", and verify compliance in all areas at least once every twelve months. Any major non-conformity as described in RTCA/DO-200B section 3.4 must be reported to TCCA. Additionally, CMC must support TCCA surveillance activities.**
- 6. CMC must advise their customers of the status of the TCCA LOA as well as any change in status of LOAs (or foreign acceptance, including designation of the foreign authority that acknowledges the foreign source's compliance to RTCA/DO-200B and the means of approval or acceptance) for all previous chain participants up to, but not including, a State's Aeronautical Information Publication (AIP). The method of notification must be timely to ensure that customers can react to changes in the status of its LOA.**

If further information concerning this letter is needed, please contact TCCA Project Certification Manager, National Aircraft Certification by email at TC.CivAv.CAN-TSO.AvCiv.TC@tc.gc.ca.

Yours truly,



**Stéphane Lafrance, Technical Team Leader, Airworthiness and Manufacturing**



*for Mark Thompson*  
**Charles Lanning, Chief, Project Management, National Aircraft Certification**

cc: **Olivier De Brouwer, CMC Electronics Inc.**  
**Louis Dostaler, CMC Electronics Inc.**  
**Salim Ramji, CMC Electronics Inc.**  
**Jean Théorêt, CMC Electronics Inc.**  
**Nathalie Béchar, TCCA Québec Regional Office**

**Table 1 - Compatibility List to RTCA/DO-200B and FAA/AC 20-153B**

Class	AP CAN-TSO	Model	Hardware	Software
FMS	AP-20	CMA-900	100-601900-202	169-612830-600 to -604
				169-612830-606
	AP-44	CMA-900	100-601900-402	169-614147-003
				169-614147-004
				169-614147-005E
				169-614147-006 to -010
				169-614147-100 to -103
				169-614147-110 to -112
				169-614147-120
				169-614147-140
	AP-45	CMA-3000	100-601721-000 to -003	169-614000-002
				169-614000-004 to -009
	AP-61	CMA-9000	100-601951-001 to -003	169-614876-001
			100-601951-005	169-614876-010
			100-601951-030	169-614876-020
			100-601951-045	169-614876-022
			100-601951-050	169-614876-040
			100-601951-060	169-614876-300
			100-601951-070	169-614876-640
			100-601951-101 to -103	
100-601951-106				
100-601951-290				
100-601951-301 to -303				
100-601951-430				
100-601951-445				
100-601951-460				
100-601951-470 to -472				
100-601951-501 to -503				
100-601951-506				
AP-76	CMA-9000M	100-601951-480	169-614876-700	
AP-78	CMA-9000	100-601951-001 to -003	169-614876-050	
		100-601951-005		
		100-601951-030		
		100-601951-045		
		100-601951-050		
		100-601951-060		
		100-601951-070		
		100-601951-101 to -103		

Electronic Approval per SDA #19917 - Released by OCM - 20 JANUARY, 2020

SIZE	CAGE CODE	DWG NO.	REV
<b>A</b>	<b>90073</b>	919-603183-000	H
SCALE:	CMC ELECTRONICS - PROPRIETARY DATA		SHEET 4

Class	AP CAN-TSO	Model	Hardware	Software		
			100-601951-106 100-601951-290 100-601951-301 to -303 100-601951-430 100-601951-445 100-601951-460 100-601951-470 to -472 100-601951-501 to -503 100-601951-506	169-614876-055 169-614876-056 169-614876-310 169-614876-313 169-614876-655 169-616414-057 169-616414-056 169-616414-060 169-616414-310 169-616414-312 169-616414-320 169-616414-321 169-616414-322 169-616414-323 169-616414-330 169-616414-331 169-616414-061 169-616414-058 169-616414-059 169-616414-340		
GLSSU	AP-65	CMA-5024	100-601967-1XX 100-601967-2XX	169-615116-001 169-615116-020		
	AP-83		100-601967-1XX Except 100-601967-100 Except 100-601967-105 Except 100-601967-110 100-601967-2XX Except 100-601967-200 100-601967-3XX 100-601967-4XX	169-615116-030 169-615116-035 169-615116-520 169-615116-530 169-615116-630 169-615116-031 169-616881-001 169-616881-501		
			100-604095-1XX 100-604095-3XX	169-616881-001		
			100-604095-2XX 100-604095-4XX	169-616881-501		
			CMA-6024	100-604076-1XX 100-604076-2XX	169-616881-001	
				100-604076-3XX 100-604076-4XX	169-616881-501	
			IAS	AP-64	C4X IAS	100-602580-000 100-602580-001 100-602580-002
	100-602580-102					169-615186-003
	100-602580-103					169-615186-004
	AP-77			100-602580-104		169-615186-005

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<b>A</b>	<b>90073</b>	919-603183-000	H
SCALE:	CMC ELECTRONICS - PROPRIETARY DATA		SHEET 5