

型号认可证数据单
THE VALIDATION DATA SHEET

编号/No: VTC0247A

版次/Revision: 4

型别/Model:

BD-700-1A10(Global Express, Global 6000, Global 6500)

BD-700-1A11(Global 5000, Global 5000 ft. GVFD, Global 5500)

BD-700-2A12(Global 7500)

批准人/Approved By:



职务/Title: Deputy Director General

日期/Date: 2026-07-16

本数据单是型号认可证（编号：VTC0247A）的组成部分，它规定了符合中国民用航空局的适航要求所颁发此型号认可证的产品状态和限制。

This data sheet, which is a part of Validation Type Certificate (No: VTC0247A), prescribes conditions and limitations under which the product for which the Type Certificate was issued meets the airworthiness requirements of the Chinese Civil Aviation Regulation.

型号认可证持有人/ Validation of Type Certificate Holder:

Bombardier Inc.

400, chemin de la Côte-Vertu Ouest

Dorval, QC,

Canada H4S 1Y9

第 1 部分 概述 (所有型别)

SECTION 1 GENERAL (ALL MODELS)

1. 型号认可证数据单版次信息以及修订记录/ Revision and Change Record of the Validation of Type Certificate Data Sheet

数据单版次信息/Revision of the Type Certificate Data Sheet

	型号认可证数据单编号、版次和颁发日期 Validation of Type Certificate Data Sheet Number, Revision and issuance date	型号合格证数据单编号、版次和颁发日期 Type Certificate Data Sheet Number, Revision and issuance date
当前 Current	No.VTC0247A, 版次4, 2026年7月16日 No. VTC0247A, Revision 4, 2026-7-16	TCCA TCDS A-177, Rev.22, May 04, 2022
历史 History	No.VTC0247A, 版次3, 2026年3月17日 No. VTC0247A, Revision 3, 2026-3-17	TCCA TCDS A-177, Rev.21, October 2, 2020
历史 History	No.VTC0247A, 版次2, 2018年11月20日 No. VTC0247A, Revision 2, 2018-11-20	TCCA TCDS A-177, Rev.17, June 25, 2018
历史 History	No.VTC0247A, 版次1, 2013年6月6日 No. VTC0247A, Revision 1, 2013-6-6	TCCA TCDS A-177, Rev.15, December 31, 2011
历史 History	No.VTC0247A, 版次0, 2010年6月24日 No. VTC0247A, Revision 0, 2010-6-24	TCCA TCDS A-177, Rev.14, June 03, 2011 TCCA TCDS A-177, Rev.13, March 31, 2010

注：上表中出口国局方型号合格证数据单信息仅供参考

Note: Above TCDS information of Certification Authority is only for reference

认可数据单修订记录/ Change Record of the VTCDS

版次 Revision	相对上一版次的修订记录 Change Record	备注 Remark
版次 4 Rev 4	1. 根据 TCCA TCDS 内容，删除型号名称 According to the content of TCCA TCDS, delete the type name 2. 增加新的型别 BD-700-2A12(Global 7500) Add new Model for BD-700-2A12(Global 7500)	
版次 3 Rev 3	1. 增加新型别 BD-700-1A10(Global 6500) Add new Model for BD-700-1A10(Global 6500) 2. 增加新型别 BD-700-1A11(Global 5500) Add new Model for BD-700-1A11(Global 5500) 3. 增加第 3 部分管理信息 Add Section 3 ADMINISTRATIVE INFORMATION	

2. 适航类别/Airworthiness Category:

运输类飞机/Transport Category Aeroplane

3. 认可当局/Validation Authority:

中国民用航空局/CAAC

审定当局/Certifying Authority:

加拿大民用航空局/TCCA

4. 型号合格证持有人/Type Certificate Holder:

Bombardier Inc.
400, chemin de la Côte-Vertu Ouest
Dorval, QC,
Canada H4S 1Y9

5. 延程飞行/Extended Diversion Time Operation:

不适用/Not applicable

6. CAAC 专用要求/CAAC Special Requirements:

交付到中国的每一架特定的航空器必须满足下述特殊要求: Each of specific aircraft delivered to China shall meet the following Special Requirements:
(1) 按 CAAC 适航指令 CAD97-MULT-38, 安装快速存取记录器(QAR); Per CAAC Airworthiness Directive CAD97-MULT-38, the Quick Access Recorder (QAR) shall be installed.
(2) 根据 CCAR121.301(d), 高度测量单位应至少采用米制; Per CCAR 121.301(d), the altimeter measure unit shall be indicated in meters at least.
(3) 确定满足中国国标 3 号燃油(GB 6537)的使用条件; Operational condition for the P.R.C. JET fuel No.3(GB6537) shall be defined.
(4) 标记要求/ Placard Requirements: (a) 根据 CCAR21.29(5), 有关适航规章、噪声规定所要求的手册、标牌、目录清单和仪表标记应当用中文或者英文书写, 下列各项应当至少有简体中文表述。/Per CCAR 21.29(5), the manuals, placards, listings, and instrument markings required by the applicable airworthiness regulations and noise requirements are presented in the Chinese or English language. The following items must be presented in Simplified Chinese at least. 1) 机上所有对旅客进行的提示、警告和通知的文字标记和标牌; /All on-board placard and marking for awareness, warning, and note to the passenger; 2) 机上所有向旅客或者机外营救人员指示应急出口和门的位置以及开启方法的文字标记和标牌; /All on-board placard and marking for opening method and location indication of the emergency exit and door to passenger and outside rescuer; 3) 旅客可能使用的机上所有应急设备的操作、使用说明。/All operation instructions for on-board emergency equipment possible operated by passengers shall be presented in Simplified Chinese at least. (b) 中文字符的尺寸需符合 CCAR 25.811(e)(4)(iii) 和 CCAR 25.812 条的要求。/The dimension of the Chinese characters shall comply with the provision of the CCAR 25.811(e)(4)(iii) and CCAR 25.812 as applicable. (c) 所有中文手册、标牌、目录清单和仪表标记必须表达正确。/All the manuals, placards and marking, listings and instrument markings presented in the Chinese must be correct.
(5) 符合所有适用的 TCCA 颁布的适航指令。 All applicable airworthiness directives (ADs) issued by the TCCA shall be complied with.

第 2 部分 数据单

SECTION 2 DATA SHEET

第一部分: BD-700-1A10 (Global Express, Global 6000, Global 6500) 型别技术数据/ Model BD-700-1A10 (Global Express, Global 6000, Global 6500)

I. 产品型别和批准日期/Model and Approval Date

型别 Model	TCCA批准日期 Approval Date	类别 Category
BD-700-1A10(Global Express)	1998年7月31日/July 31, 1998	运输类飞机/Transport Category Aeroplane
BD-700-1A10(Global 6000)	2011年12月12日/December 12, 2011	运输类飞机/Transport Category Aeroplane
BD-700-1A10(Global 6500)	2019年8月26日/August 26, 2019	运输类飞机/Transport Category Aeroplane

型别 Model	CAAC批准日期 Approval Date	类别 Category
BD-700-1A10(Global Express)	2010年6月24日/June 24, 2010	运输类飞机/Transport Category Aeroplane
BD-700-1A10(Global 6000)	2013年6月6日/June 6, 2013	运输类飞机/Transport Category Aeroplane
BD-700-1A10(Global 6500)	2026年3月17日/March 17, 2026	运输类飞机/Transport Category Aeroplane

II. 生产依据/ Production Basis

TCCA 已于2022年10月6日颁发生产许可证No.12-58。

TCCA issued Certificate of Approval on Manufacture No. 12-58 on 10/6/2022.

III. 认可审定基础/ Validation Certification Basis

CAAC认可审定基础由TCCA的审定基础（详见TCCA型号合格证数据单编号A-177中BD-700-1A10 (Global Express, Global 6000和Global 6500) 型别审定基础）和CAAC附加技术条件（见第1部分概述CAAC专用要求）组成。

The CAAC validation certification basis consists of the TCCA certification basis (refer to the certification basis of BD-700-1A10(Global Express, Global 6000 and Global 6500) in TCCA Type Certificate Data Sheet No. A-177) and the CAAC Additional Technical Conditions (See as Section I CAAC special requirements).

TCCA 审定基础/TCCA Certification Basis:

详见TCCA型号合格证数据单A-177中BD-700-1A10 (Global Express, Global 6000和Global 6500) 型别审定基础。

Refer to the certification basis of BD-700-1A10(Global Express, Global 6000 and Global 6500) in TCCA Type Certificate Data Sheet No. A-177.

适航规章

- (1) 加拿大适航手册第 525 章, 适航标准: 运输类飞机, 1993 年 12 月 30 日发布的 6 号修正案, 相当于 FAR 25 修正案 25-1 至 25-79 和加拿大附加适航要求。

加拿大运输部适航手册第 525 章附加适航要求如下:

Canadian Airworthiness Manual Chapter 525, Airworthiness Standards: Transport Category Aeroplane, at Change 6 dated December 30, 1993 which is equivalent to FAR 25 including amendments 25-1 through 25-79 and Canadian Additional Airworthiness Requirements.

Transport Canada Additional Airworthiness Requirements as published in Airworthiness Manual Chapter 525 are as follows:

525.105(c)(1)	起飞性能, 未铺砌跑道/Take-off Performance, Unpaved Runways	Change 525-2
525.125(b)	着陆性能, 未铺砌跑道/Landing Performance, Unpaved Runways	Change 525-2
525.201(d)(l)	失速演示/Stall Demonstration	First Edition
525.207(b)	失速警告/Stall Warning	First Edition
525.697(b)	升力和阻力装置/Lift and Drag Devices	First Edition
525.699(d)	升力和阻力装置指示器/Lift and Drag Devices, Indicator	First Edition
525.1301-1	地面冷浸后的飞机运行/Aircraft Operations after Ground Cold Soak	First Edition
525.1521(e)	10分钟额定起飞功率/10 Minutes Rated Take-off Power	Change 525-3
525.1557(b)(4)	其他标记和标牌/Miscellaneous Markings and Placards	Change 525-3
525.1581(e), (f)	飞机飞行手册/Aircraft Flight Manual	First Edition
525.1581(g)	飞机飞行手册运行程序(湿/污染跑道)/Aircraft Flight Manual Operating Procedures (Wet/Contaminated Runways)	Change 525-4

(2) 美国联邦航空条例 FAR Part 25:

修正案 25-80 到 25-86, 修正案 25-88 到 25-91,
修正案 25-94, 修正案 25-96 和修正案 25-97。

U.S. Federal Aviation Regulations FAR Part 25:

Amendments 25-80 through 25-86, Amendments 25-88 through 25-91,
Amendment 25-94, Amendment 25-96 and Amendment 25-97.

(3) 适航手册第 511 章, 修订 511-2, 第 511.117 节,

功能和可靠性试飞。

Airworthiness Manual, Chapter 511, Change 511-2, Section 511.117,
Function and Reliability Test Flying.

(4) 适航手册第 516 章, 飞机噪声与排放, 修订 516-7, 其中涉及:

ICAO 附件 16, 第 1 卷, 第 7 版, (2002) 噪声,

ICAO 附件 16, 第 2 卷, 第 2 版, (1992) 排放。

Airworthiness Manual, Chapter 516 Aircraft Noise and Emissions at Change 516-7 which refers to:

ICAO Annex 16, Vol. I, Amendment 7, (2002) Noise, and

ICAO Annex 16, Vol. II, Amendment 2, (1992) Emissions.

(5) 加拿大运输部专用条件/Transport Canada Special Conditions:

专用条件编/SC No.	专用条件名称/SC Title
SCA 94-11	高强度辐射场 (HIRF)/High Intensity Radiated Fields (HIRF)
SCA 94-10	高高度运行至 51,000 ft/High Altitude Operation up to 51,000 ft
SCA 2000-06	单个平视显示 (HUD) 的安装/Installation of a Single Head-Up Display (HUD) System
SCA 2003-03	视景增强系统 (EVS) /Enhanced Vision System (EVS)

(6) 等效安全/Equivalent Safety Findings:

受影响的条款/Affected Regulation	等效安全标题/ELOS Title
FAR 25.109	中断起飞和着陆性能标准/Rejected Take-off and Landing Performance Criteria
FAR 25.933	反推 /Thrust Reversers
FAR 25.1435(b)(1)	液压系统验证压力测试/Hydraulic System Proof Pressure Testing

(7) 豁免:

对于 BD-700-1A10 – Global Express and Global 6000

客舱中部舱门:

99-01, Rev. A (只适用于 CAR 604 部运行); 和

181-2003-NCR/RCN (适用于 CAR 604 部或 704 部运行)。

侧向座椅:

2000-01 (只适用于 CAR 604 部运行); 和

167-2004-NCR/RCN (适用于 CAR 604 部或 704 部运行)。

Exemptions:

BD-700-1A10 – Global Express and Global 6000

Mid-cabin Door:

99-01, Rev. A (for CAR Part 604 Operations only); and

181-2003-NCR/RCN (for CAR Part 604 or 704 Operations).

Side-facing Divan:

2000-01 (for CAR Part 604 Operations only); and

167-2004-NCR/RCN (for CAR Part 604 or 704 Operations).

(8) 已确定符合 FAR 25.801(b)至(e)的水上迫降结构要求以及 25.807(i)的要求。

Compliance with Ditching structural provisions of FAR 25.801(b) through (e) and 25.807(i) has been established.

(9) 已表明符合性:

FAR 34, 排放标准包括修正案 34-1; 和 FAR 36, 噪声标准包括修正案 36-1 到 36-28。

Compliance has also been demonstrated with:

FAR 34, Emission Standards including Amendments 34-1, and FAR 36, Noise Standards including Amendments 36-1 through 36-28.

(10) 对于 BD-700-1A10 中不属于注释 6 (Global 6000) 和注释 7 (Global 6500) 定义的市场名的飞机, 审定基础与上文 1 至 9 段定义的相同。对于 BD-700-1A10 中属于注释 6 (Global 6000) 和注释 7 (Global 6500) 中定义的市场名的飞机, 以下审定基础也适用, 并在适用的情况下取代 1 至 9 段中的审定基础。

对于对应的全球视景驾驶舱的部分, 飞机上的变化区域和受变化影响的区域:

For BD-700-1A10 that do not fall in marketing designations defined by Notes 6 (Global 6000), 7(Global 6500), the Certification Basis is unchanged from BD-700-1A10 defined in paragraphs 1 to 9 above. For BD-700-1A10 that fall in the new marketing designations defined in Notes 6 (Global 6000), 7 (Global 6500) the following Certification Basis also applies and where applicable supersedes the Certification Basis in paragraphs 1 to 9.

For those parts of the aircraft corresponding to Global Vision Flight Deck areas of change and areas affected by change:

- (a) 加拿大适航手册 (AWM) 第 525 章, 修订 525-11, 于 2005 年 12 月 1 日发布, 等效于 14 CFR Part 25 修正案 25-110, 以及修正案 25-1 至 25-119 的水平, 但以下修正案与变更区域或受变更影响的区域无关: 93、95、98-103、106-110、112 和 116-118。

AWM 525/14 CFR 25 修正案水平由全球视景驾驶舱设计更改定义, 根据以下的内容修订 (请参阅注释 3) 上文 1 至 9 中的审定基础:

Canadian Airworthiness Manual (AWM) Chapter 525, at change 525-11, published on December 1, 2005, which is equivalent to 14 CFR Part 25 at Amendment 25-110, as well as 14 CFR Part 25 Amendments 25-1 through 25-119, except for the following Part 25 Amendments which do not correspond to an area of change or area affected by change: 93, 95, 98-103, 106-110, 112, and 116-118.

AWM 525/14 CFR 25 design standard amendment levels addressed by the Global Vision Flight Deck modification and surpassing the Certification Basis defined in paragraphs 1 to 9 above correspond to the following (see NOTE 3):

AWM 525 FAR 25	条款名称 Section Title	修正案 Amendment	受影响的设计区域 Affected Area of Design
25.105(c)	起飞/ Takeoff	25-92	飞行指引/ Flight Director
25.111(a)(b)(c)(d)	起飞航迹/ Takeoff Path	25-115	飞行指引/ Flight Director
25.113	起飞距离和起飞滑跑/ Takeoff Distance and Takeoff Run	25-92	飞行指引/ Flight Director
25.677(b)	配平系统/ Trim Systems	25-115	配平面板与新航空电子设备的接口/Trim Control Panel Interface with New Avionics
525.783(e) 25.783(e)	机身舱门/ Fuselage Doors	525 Change 11 25-114	与新航空电子设备的接口/Interface with New Avionics
25.841(a)	增压座舱/ Pressurized Cabins	25-87	AFCS 紧急下降模式/ AFCS Emergency Descent Mode
25.856(a)	隔热/隔音材料/ Thermal/Acoustic Insulation Materials	25-111	隔热/隔音形式和件号(材料不变)/ Thermal/Acoustical Insulation Form and Part Numbering (no material change)
25.1141(f)	动力装置的操纵器件: 总则/ Powerplant Controls: General	25-115	与新的航空电子设备和油门组件接口/ Interface with New Avionics and Throttle Quadrant Assembly
525.1305(a)(c)(d) 25.1305(a)(c)(d)	动力装置仪表/ Powerplant Instruments	525 Change 11 25-115	与新航空电子设备的接口/ Interface with New Avionics
25.1329	飞行导引系统/ Flight Guidance System	25-119	新的自动飞行控制系统/ New Automatic Flight Control System
25.1353(a)	电气设备及安装/ Electrical Equipment and Installations	25-113	新的改装后的电气设备、控制和线路/ New and Modified Electrical Equipment, Controls and Wiring
25.1431(d)	电子设备/ Electronic Equipment	25-113	新的改装后的电气设备/ New and Modified Electronic Equipment
25.1435(b1)	液压系统/ Hydraulic Systems	25-104	与新航空电子设备的接口/ Interface with New Avionics
25.1439(a)(b)	防护性呼吸设备/ Protective Breathing Equipment	25-115	新电子设备与现有电子设备的接口/ New Electronic Equipment Interface with Existing Electronic Equipment
25.1527	最大使用高度/ Maximum Operating Altitude	25-105	飞机环境温度和高度限制/ Aircraft Ambient Temperature and Altitude Limits
25.1583	使用限制/ Operating limitations	25-105	新版飞行手册/ New Flight Manual
25.1585	使用程序/ Operating procedures	25-105	新版飞行手册/ New Flight Manual

- (b) 对于变更和受变更影响的区域，已表明了对 FAR 25.1317 修正案 25-122 的符合性，包括 FAA 25.1317(b)的等效安全。

Compliance has also been demonstrated with FAR 25.1317 at Amendment 25-122 for areas of change and areas affected by change including FAA Equivalent Level of Safety for 25.1317(b).

- (c) 加拿大运输部专用条件:

Transport Canada Special Conditions

专用条件编号/SC No.	专用条件名称/SC Title
SCA 2009-10	视景增强系统 (EVS) /Enhanced Vision System (EVS)
SCA 2009-11	虚拟视景系统 (SVS) /Synthetic Vision System (SVS)
SCA 2010-01	平视显示 (HUD) /Heads-Up Display (HUD)
SCA 2014-23	系统和数据网络 */Systems and Data Networks *

*是指执行了庞巴迪改装 700T901312 (Rev B1)或者 700T901313 (Rev B1) - (GVFD v.5 Software) 的飞机.

* For aircraft incorporating Bombardier modification 700T901312 (Rev B1) or 700T901313 (Rev B1) - (GVFD v.5 Software).

- (d) 对于 EFVS 的变更区域和受变更影响的区域，已表明了对 AWM 第 525 章 525.773(e) (2019/08/15 生效) 和 14 CFR 25 第 25-144 修正案 25.773(e)的符合性。

For those areas of change and areas affected by the EFVS, compliance has also been demonstrated with AWM Chapter 525, Paragraph 525.773(e) (effective 2019/08/15) and 14 CFR Part 25, Paragraph 25.773(e) at Amendment 25-144.

IV. 技术特征和使用限制/Technical Characteristics and Operational Limitations

型号设计定义/Type Design Definition:

经批准的型号设计在文件 RAZ-C700-127 (Issue NC 或后续批准的修订版) 中定义。RAZ-C700-127 替代 RAL-700-0001(Rev. C4)和庞巴迪报告 Report No. RAD-700-207 (Rev. C)。

The approved type design is defined in the document RAZ-C700-127 at Issue NC or later approved revisions which supersedes both RAL-700-0001 at Rev. C4 and Bombardier Report No. RAD-700-207 at Rev. C.

对于每一架特定 BD-700-1A10 飞机的“用于交付”构型，其适用的经批准的型号设计号在文件 RAL-700-XXXX (XXXX 表示该飞机序列号) 中定义。

The approved type design number appropriate for the “as delivered” configuration of a particular BD-700-1A10 aircraft is defined in the document RAL-700-XXXX (XXXX denotes the serial number for the aircraft concerned).

发动机/Engines:

除 Global 6500 的所有机型: 两台罗罗 Deutschland Ltd & Co KG 公司 BR700-710A2-20 发动机 (发动机型号合格证编号: E.018, 型号认可证编号: VTC0198E, 型号认可证数据单版次 3)

For all except Global 6500:

Two Rolls Royce Deutschland Ltd & Co KG BR700-710A2-20 (Engine Type Certificate No. E.018, VTC No. VTC0198E, The Validation Data Sheet Revision 3)

Global 6500 的机型: 两台罗罗 Deutschland Ltd & Co KG 公司 BR700-710D5-21 发动机 (发动机型号合格证编号: EASA TCDS E.018, Issue 14, 型号认可证编号: VTC0198E, 型号认可证数据单版次 7)

For Global 6500: Two Rolls Royce Deutschland Ltd & Co KG BR700-710D5-21 (Engine Type Certificate EASA TCDS E.018, Issue 14, VTC No. 0198E, The Validation Data Sheet Revision 7)

燃油/Fuel:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

发动机限制/Engine Limits:

BD-700-1A10(除 GLOBAL 6500): /BD-700-1A10 (EXCEPT GLOBAL 6500):

	海平面静态推力/SL Static Thrust		风扇转速 /Fan RPM	核心机转速 /Core RPM	ITT		时间限制 /Time Limit
	磅/lbf	千牛/kN	N1%	N2%	摄氏度 /℃	华氏度 /℉	
最大起飞/ Max. Take-off	14,750 **	65.6 **	102.0	99.6	900	1,652	5 min.
最大连续/ Max. Continuous	14,450	64.3	102.0	98.9	860	1,580	-
慢车范围/Idle Range	-	-	-	58.0 min.	860 max.	1,580 max.	-
最大超转/超温/Max. Overspeed / Over-Temperature	-	-	102.5	99.8	905	1,661	20 sec.
反推/ Reverse Thrust	-	-	*	-	-	-	-
地面启动/ Starting on Ground	-	-	不适用/ N/A	不适用/ N/A	700	1,292	-
空中启动/ Starting in Air	-	-	不适用/ N/A	不适用/ N/A	850	1,562	-

*对于反推, FADEC 控制风扇 RPM (N1) 到 70.0% 可维持 30 秒

**对于执行了 SBs 700-72-6002 & 700-72-6003 或 SB 700-72-5002 的飞机, 在伦敦城市机场 (EGLC) 可使用更高的推力限制。

* For Reverse Thrust, FADEC controls the Fan RPM (N1) to 70.0% for 30 sec.

** For aircraft incorporating SBs 700-72-6002 & 700-72-6003 or aircraft incorporating SB 700-72-5002, increased thrust limits are available for London City Airport (EGLC).

BD-700-1A10(GLOBAL 6500):

	海平面静态推力/SL Static Thrust		风扇转速 /Fan RPM	核心机转速 /Core RPM	ITT		时间限制/Time Limit
	磅/lbf	千牛 /kN	N1%	N2%	摄氏度 /℃	华氏度 /℉	
最大起飞/ Max. Take-off	15,250	67.8	102.1	101.6	890	1,634	5 min AEO 10 min OEI
最大起飞(瞬态2分钟)/ Max. Take-off (Transient 2 min)	-	-	-	-	900	1,652	-
最大连续/ Max. Continuous	14,255	63.4	102.1	99.9	850	1,562	-
慢车范围/Idle Range				58.2min.	860max.	1,562max	-
最大超转/超温/Max. Overspeed/Over-Temperature	-	-	103.3	102.8	915	1,679	20 sec.

反推/ Reverse Thrust	-	-	70.4	-	-	-	30 sec.
地面启动/Starting on Ground	-	-	不适用/ N/A	不适用/ N/A	700	1,292	-
空中启动/ Starting in Air	-	-	不适用/ N/A	不适用/ N/A	850	1,562	-

辅助动力装置/APU:

联信 RE 220 (GX)/Allied Signal RE 220 (GX)

空速限制 (IAS) /Airspeed Limits(IAS):

BD-700-1A10 (除 GLOBAL 6500) : /BD-700-1A10 (EXCEPT GLOBAL 6500):

	节/Knots	马赫数/Mach
V_{MO} and M_{MO}		
海平面至8000英尺/Sea Level to 8,000 ft.	300	-
8000英尺至30,267 英尺/8,000 ft. to 30,267 ft.	340	-
30,267 英尺至35000英尺/30,267 ft. to 35,000 ft.	-	0.89
@ 47,000 ft.	-	0.871 (0.858 *)
@ 51,000 ft.	-	0.855 (0.842 *)
V_{FE} (襟翼放出/Flaps Extended)		
6°	210	-
16°	210	-
30°	185	-
V_{FC} / M_{FC}	369	0.915
V_D / M_D	398	0.97
V_A (机动/Maneuvering)		
V_A 随高度和飞机重量的变化,参见飞机飞行手册。/See AFM for variation of V_a with altitude and aircraft weight.		
V_{SE} (缝翼放出/Slats Extended)	225	-
V_{MCA}	86	-
V_{MCG}	84	-
V_{LO}	200	-
V_{LE}	250	-

*指执行了庞巴迪服务通告 700-34-020 (ModSum 700T01613) 的 BD-700-1A10 飞机

*Refers to BD-700-1A10 aircraft incorporating Bombardier Service Bulletin 700-34-020 (ModSum 700T01613)

BD-700-1A10(GLOBAL 6500):

	节/Knots	马赫数/Mach
V_{MO} and M_{MO}		
海平面至8000英尺/Sea Level to 8,000 ft.	300	-
8000英尺至30,267 英尺/8,000 ft. to 30,267 ft.	340	-
30,267 英尺至35000英尺/30,267 ft. to 35,000 ft.	-	0.9**
@ 47,000 ft.	-	0.871 (0.858 *)
@ 51,000 ft.	-	0.855 (0.842 *)
V_{FE} (襟翼放出/Flaps Extended)		
6°	210	-

16 °	210	-
30 °	185	-
V _{FC} / M _{FC}	369	0.915
V _D / M _D	398	0.97
V _A (机动/Maneuvering)		
V _A 随高度和飞机重量的变化, 参见飞机飞行手册。/See AFM for variation of V _a with altitude and aircraft weight.		
V _{SE} (缝翼放出/Slats Extended)	225	-
V _{MCA}		
OUT/0	97	-
OUT/6	88	-
OUT/16	88	-
V _{MCG}		
OUT/0	96	-
OUT/6	86	-
OUT/16	86	-
V _{LO}	200	-
V _{LE}	250	-

* 指执行了庞巴迪服务通告 700-34-020 (ModSum 700T01613) 的 BD-700-1A10 飞机。

** 参见 AFM 了解使用 0.90 M_{MO} 的程序。

* Refers to BD-700-1A10 aircraft incorporating Bombardier Service Bulletin 700-34-020 (ModSum 700T01613).

** See AFM for procedures to exercise use of 0.90 M_{MO}.

重心限制/ CG Limit:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

基准/Datum:

FS 0.0 位于机头前方 366 厘米 (144 英寸) 处。

FS 0.0 located at 366 cm (144 in.) fwd of the aircraft nose.

滑油/Oil:

请参阅批准的持续适航文件中列出的适用的飞机维修手册。

See applicable AMM as listed in Instructions for Continued Airworthiness.

水平测量方法/Leveling Means:

通过在 FS 926 处后设备舱内的铅锤和标度盘, 来进行纵轴和横轴方向的飞机水平测量。

Aircraft is leveled in the longitudinal and lateral axis by means of a plumb bob and target in the aft equipment bay at FS 926.

最大重量/Maximum Weights:

	公斤/kg	磅/lb
最大滑行和停机重量/Max. Taxi and Ramp	45,246 *	99,750 *
最大起飞/Max. Takeoff	45,132 *	99,500 *

最大着陆/Max. Landing	35,652	78,600
最大零燃油Max. Zero Fuel	26,308*	58,000*
最小飞行重量Min. Flight Weight	21,863	48,200

*对于特定配置的重量限制和飞机适用范围，请参阅批准的出版物中列出的适用飞机飞行手册（AFM）。

* See applicable Aircraft Flight Manual (AFM), as listed in Approved Publications, for configuration specific weight limitations and aircraft eligibility.

最小机组/Minimum Crew:

两人（正驾驶和副驾驶）/2 (pilot and co-pilot)

最大载客量/Maximum Occupants:

22（包括机组人员和不超过 19 名旅客），参见注释 1。 / 22 (Including the crew and no more than 19 passengers), See NOTE 1.

最大行李/Maximum Baggage:

绿飞机不包括行李/货舱/The green aircraft does not include baggage/cargo compartments.

燃油量/Fuel Capacities:

可用/Usable	载量/Load		重量/Weight **	
	美加仑/U.S. Gal.	升/Liters	磅/lb.	公斤/kg.
2主油箱（每个）/2 main tanks (each)	2,223	8,415	15,005	6,805
1中央油箱/1 Center Tank	1,645	6,227	11,105	5,036
1后油箱/1 Aft Tank	337	1,276	2,275	1,032
总计/Total	6,428	24,333	43,390	19,678
不可用（可排放的）/Unusable (drainable)*	30	114	203	92
不可排放的/Undrainable*	14.8	56.0	100	45.4

*见注释 3

**假设燃油的密度为 6.75 lb./U.S. Gal.

* See NOTE 3

** Assuming a fuel density of 6.75 lb./U.S. Gal.

对于执行了庞巴迪服务通告 700-28-029（或 ModSum 700T01614）的飞机。

For aircraft incorporating Bombardier Service Bulletin 700-28-029 (or ModSum 700T01614).

可用/Usable	载量/Load		重量/Weight **	
	美加仑/U.S. Gal.	升/Liters	磅/lb.	公斤/kg.
2主油箱（每个）/2 main tanks (each)	2,229	8,438	15,045	6,824
1中央油箱/1 Center Tank	1,655	6,265	11,170	5,068
1后油箱/1 Aft Tank	337	1,276	2,275	1,032
总计/Total	6,450	24,416	43,538	19,753
不可用（可排放的）/Unusable drainable)*	10.2	38.6	69	31.2
不可排放的/Undrainable*	14.8	56.0	100	45.4

*见注释 3

**假设燃油的密度为 6.75 lb./U.S. Gal.

* See NOTE3

** Assuming a fuel density of 6.75 lb./U.S. Gal.

对于执行了庞巴迪服务通告 700-28-040 (或 ModSum 700T804402) 的飞机。

For aircraft incorporating Bombardier Service Bulletin 700-28-040 (or ModSum 700T804402).

可用/Usable	载量/Load		重量/Weight **	
	美加仑/U.S. Gal.	升/Liters	磅/lb.	公斤/kg.
2主油箱 (每个) /2 main tanks (each)	2,229	8,438	15,045	6,824
1中央油箱/1 Center Tank	1,879	7,111	12,683	5,753
1后油箱/1 Aft Tank	337	1,276	2,275	1,032
总计/Total	6,674	25,256	45,050	20,433
不可用 (可排放的) /Unusable drainable)*	10.6	40.1	72	32.4
不可排放的/Undrainable*	14.8	56.0	100	45.4

*见注释 3

**假设燃油的密度为 6.75 lb./U.S. Gal.

* See NOTE 3

** Assuming a fuel density of 6.75 lb./U.S. Gal.

滑油量/ Oil Capacities:

BD-700-1A10 (除 GLOBAL 6500) : /BD-700-1A10(EXCEPT GLOBAL 6500):

	载量/Load		重量/Weight *	
	美加仑/U.S. Gal.	升/Liters	磅/lb.	公斤/kg.
2 发动机 (每台) /Engines (each)	4.8	18.2	39	18
1滑油补给油箱 (包括滑油补给管路) / Oil Repl. Tank (including oilrepl. lines)	1.6	6.1	13	6
总计/Total	11.2	42.5	91	42
可用/发动机/Usable per Engine	1.01	3.83	8.2	3.7

* Assuming an oil density of 8.1073 lb/U.S. Gal.

* 假设滑油的密度为 8.1073 lb/U.S. Gal.

BD-700-1A10(GLOBAL 6500):

	载量/Load		重量/Weight *	
	美加仑/U.S. Gal.	升/Liters	磅/lb.	公斤/kg.
2 发动机(每台)/2 Engines (each)	2.96	11.2	24.0	10.9
1滑油补给油箱 (包括滑油补给管路) / Oil Repl. Tank (including oilrepl. lines)	1.51	5.7	12.2	5.53
总计/Total	8.94	33.8	72.5	32.9
可用/发动机/Usable per Engine	1.08	4.1	8.76	3.97

* Assuming an oil density of 8.1073 lb/U.S. Gal.

* 假设滑油的密度为 8.1073 lb/U.S. Gal.

最大使用高度/Maximum Operating:

起飞和着陆/Take off and Landing: 13,700 ft (4,175 m)
 航路/Enroute: 51,000 ft (15,545 m)

外界大气温度限制/Outside Air Temperature Limits:

海平面环境: 最低-40°C 至最高 50°C (-40°F 至 122°F)。
 At Sea Level Ambient: -40°C min. to 50°C max. (-40°F to 122°F).

适用的序列号/Serial Numbers Eligible:

市场名/Marketing Designation	适用的序列号/Eligible Serial Numbers
Global Express	9002和后续的序列号/9002 and Subsequent
Global Express XRS	9159和后续的序列号/9159 and Subsequent
Global 6000	9313, 9381, 9432和后续的序列号, 除了 9998 和; 60001和后续的序列号/9313, 9381, 9432 and Subsequent, excluding 9998 and;60001 and Subsequent
Global 6500	9861, 9872和; 60001和后续的序列号/9861, 9872 and; 60001 and Subsequent

设备/ Equipment:

适用的适航规章里所要求的基本设备（见审定基础）必须安装在飞机上。
 The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the aircraft for certification.

标牌/Placards:**BD-700-1A10– Global Express:**

所有标牌必须按照庞巴迪图纸 GC 789-0001, GD 972-0001, GM 972-0010, GS 782-0001（仅限 BD-700-1A10）安装。

Placards must be installed in accordance with Bombardier Drawings GC 789-0001, GD 972-0001, GM 972-0010, GS 782-0001 (BD-700-1A10 only).

BD-700-1A10– Global 6000/6500:

所有标牌必须按照庞巴迪图纸 GC 789-7000, GC 789-7001, GD 972-0001, GM 972-0010, GS 782-0001（仅限 BD-700-1A10）安装。

Placards must be installed in accordance with Bombardier Drawings GC 789-7000, GC 789-7001, GD 972-0001, GM 972-0010, GS 782-0001 (BD-700-1A10 only).

V. 运行及服务信息/Operating and Service Information

飞行手册（AFM）
 参照相关经批准的飞行手册
 Aircraft Flight Manual (AFM)
 Refer to relevant approved Aircraft Flight Manual

VI. 批准的技术资料/Approved Technical Documents**飞机飞行手册/Aircraft Flight Manual（AFM）:**

请参阅下表，了解加拿大运输部批准的 AFM 以及其适用的构型和批准的修订：

Please refer to the table below for the Transport Canada approved AFM for the appropriate configuration and approved revisions:

市场名/Marketing Designation	AFM出版物编号/AFM Publication Number	AFM识别号/AFM Document Identification Number
Global Express	CSP 700-1	GL 700 AFM-1
Global Express XRS	CSP 700-1A	GL 700 AFM-1A
Global 6000	CSP 700-1V	GL 6000 AFM
Global 6500	CSP 700-6500-1	GL 6500 AFM

时限/维护检查手册 / Time Limits/Maintenance Checks Manual:

请参阅下表，了解加拿大运输部批准的时限/维护检查手册后续批准修订版以及其适用的构型，包含审定维修工作、寿命限制件和损伤容限检查等内容。这一信息与工程报告 RBR-C700-167 和 RAS-C700-990 一致。

Please refer to the table below for the Transport Canada approved Time Limits/Maintenance Checks Manual (TLMC) or later approved revisions for the appropriate configuration containing the Certification Maintenance Tasks, Life Limited Parts and Damage Tolerant Inspections. This information is consistent with Engineering Reports RBR-C700-167 and RAS-C700-990:

市场名/Marketing Designation	TLMC出版物编号/TLMC Publication Number	TLMC识别号/TLMC Document Identification Number
Global Express	BD-700 TLMC	GL 700 TLMC
Global Express XRS	BD-700 XRS TLMC	GL XRS TLMC
Global 6000	GL 6000 TLMC	GL 6000 TLMC
Global 6500	GL 6500 TLMC	GL 6500 TLMC

图纸清单/Drawing List:

庞巴迪出版物 RAL-700-0001 版本 C-4 或之后批准的修订版。

Bombardier Publication RAL-700-0001 at Issue C-4 or later approved revisions.

持续适航文件/Instructions for Continued Airworthiness:

持续适航文件包括以下出版物和相关的后续版本/The Instructions for Continued Airworthiness consist of the following Publications and their associated later revisions:

飞机维护手册/Aircraft Maintenance Manual:

市场名/Marketing Designation	AMM出版物编号/AMM Publication Number	AMM识别号/AMM Document Identification Number
Global Express	BD-700 AMM	GL 700 AMM
Global Express XRS	BD-700 XRS AMM	GL XRS AMM
Global 6000	GL 6000 AMM	GL 6000 AMM
Global 6500	GL 6500 AMM	GL 6500 AMM

时限/维护检查手册/Time Limits/Maintenance Checks Manual:

市场名/Marketing Designation	TLMC出版物编号/TLMC Publication Number	TLMC识别号/TLMC Document Identification Number
Global Express	BD-700 TLMC	GL 700 TLMC
Global Express XRS	BD-700 XRS TLMC	GL XRS TLMC
Global 6000	GL 6000 TLMC	GL 6000 TLMC
Global 6500	GL 6500 TLMC	GL 6500 TLMC

结构修理手册/Structural Repair Manual:

市场名/Marketing Designation	SRM出版物编号/SRM Publication Number	SRM识别号/SRM Document Identification Number
Global Express	BD-700 SRM	GL 700 SRM
Global Express XRS	BD-700 XRS SRM	GL XRS SRM
Global 6000	GL 6000 SRM	GL 6000 SRM
Global 6500	GL 6500 SRM	GL 6500 SRM

无损探伤手册/Non-Destructive Testing Manual:

市场名/Marketing Designation	NDTM出版物编号/NDTM Publication Number	NDTM识别号/NDTM Document Identification Number
Global Express	BD-700 NDTM	GL 700 NDTM
Global Express XRS	BD-700 XRS NDTM	GL XRS NDTM
Global 6000	GL 6000 NDTM	GL 6000 NDTM
Global 6500	GL 6500 NDTM	GL 6500 NDTM

注释（适用于 BD-700-1A10）/Notes(For BD-700-1A10)

注释/NOTE 1: 绿飞机型号设计不包括乘客设施。当航空器依照审定基础安装了经批准的座椅布置和相关必要的乘客设施后，客舱允许载人。

The green aircraft type design configuration does not include passenger provisions. Carriage of persons in the cabin is permitted when an approved seating arrangement and related required passenger provisions are incorporated in accordance with the Certification Basis.

注释/NOTE 2: 必须为每架飞机在获得适航证时提供一份现行有效的重量平衡报告，必要时包括审定空重中包含的设备清单和装载程序。

A current weight and balance report, including the list of equipment included in the certificated empty weight and loading instructions, when necessary, must be provided for each aircraft at the time of original certification.

注释/NOTE 3: 将系统管道和油箱填充到不可排放的高度所需的燃油量以及油箱中无法使用的燃油量（在燃油容量章节中已定义）必须包含在空重中。

The amount of fuel required to fill the system plumbing and tanks to the undrainable level plus unusable fuel in the fuel tanks as defined in the Fuel Capacity section must be included in the empty weight.

注释/NOTE 4: Global Express XRS 是对序列号 9159 到 9429 的 BD-700-1A10 飞机的市场命名。

The Global Express XRS is a marketing designation for BD-700-1A10 aircraft serial numbers 9159 to 9429.

注释/NOTE 5: BD-700-1A10-Global 6000 批准定义：

全球视景驾驶舱是 BD-700-1A10 的商业名，不是型别。

全球视景驾驶舱设计更改申请时间 2006 年 6 月 19 日。

BD-700-1A10 - Global 6000 Approval Definition:

Global Vision Flight Deck designation for the BD-700-1A10 does not correspond to a model designation. This is only a commercial designation.

Global Vision Flight Deck Modification Application June 19, 2006

注释/NOTE 6: Global 6000 是具有全球视景驾驶舱的 BD-700-1A10 型飞机的市场名, 并具有以下任一的改装组合。

The Global 6000 is a marketing designation for BD-700-1A10 equipped with the Global Vision Flight Deck, corresponding to aircraft with either following combinations of modifications installed:

With 700T901901 and Without 700T03185	OR	With 700T901901 700T03185 700T101134
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注释/NOTE 7: Global 6500 是具有全球视景驾驶舱和 Rolls-Royce Deutschland Ltd & Co KG BR700-710D5-21 发动机的 BD-700-1A10 型飞机的市场名, 并具有以下的改装组合:

The Global 6500 is a marketing designation for BD-700-1A10 equipped with the Global Vision Flight Deck and Rolls-Royce Deutschland Ltd & Co KG BR700-710D5-21 engines, corresponding to aircraft following combination of modifications installed:

With 700T901901 700T03185 and Without 700T101134

注释/NOTE 8: BD-700-1A10 的所有衍生型都通过基本设备满足了 RVSM 适航要求。但是, 在 RVSM 空域飞行的运行批准仍必须得到 CAAC 运行部门的批准。

All variants of the BD-700-1A10 are compliant with RVSM airworthiness requirements through basic equipment. However, operational approval to fly in RVSM airspace must still be granted by the local CAAC Operational Branch.

注释/NOTE 9: BD-700-1A10 的所有衍生型都通过基本设备满足了 RNP 运行的设计要求。各衍生型的具体能力参见 TCCA 批准的飞机飞行手册 (AFM)。进行这类运行必须获得飞机注册国适航当局的运行批准。

All variants of the BD-700-1A10 are compliant with the aircraft design requirements for RNP Operations through its basic equipment. Refer to the Transport Canada approved Aircraft Flight Manual (AFM) for variant specific capabilities. Operational approval to conduct such kind of operation must be granted by the National Airworthiness Authority in the individual aircraft's country of registry.

第二部分：BD-700-1A11(Global 5000, Global 5000 ft. GVFD, Global 5500) 型别技术数据 / Model BD-700-1A11(Global 5000, Global 5000 ft. GVFD, Global 5500)

I. 产品型别和批准日期/Model and Approval Date

型别 Model	TCCA批准日期 Approval Date	类别 Category
BD-700-1A11(Global 5000)	2004年3月12日/March 12, 2004	运输类飞机/Transport Category Aeroplane
BD-700-1A11(Global 5000 ft. GVFD)	2011年12月9日/December 9, 2011	运输类飞机/Transport Category Aeroplane
BD-700-1A11(Global 5500)	2019年8月26日/August 26, 2019	运输类飞机/Transport Category Aeroplane

型别 Model	CAAC批准日期 Approval Date	类别 Category
BD-700-1A11(Global 5000)	2010年6月24日/June 24, 2010	运输类飞机/Transport Category Aeroplane
BD-700-1A11(Global 5000 ft. GVFD)	2013年6月6日/June 6, 2013	运输类飞机/Transport Category Aeroplane
BD-700-1A11(Global 5500)	2026年3月17日/March 17, 2026	运输类飞机/Transport Category Aeroplane

II. 生产依据/ Production Basis

TCCA 已于2022年10月6日颁发生产许可证No.12-58。

TCCA issued Certificate of Approval on Manufacture No. 12-58 on 10/6/2022.

III. 认可审定基础/ Validation Certification Basis

CAAC的认可审定基础由TCCA的审定基础（详见TCCA型号合格证数据单：编号A-177中的BD-700-1A11（Global 5000,Global 5000 ft. GVFD和Global 5500）型别部分的审定基础）和CAAC附加技术条件（见第1部分概述CAAC专用要求）组成。

The CAAC validation certification basis consists of the TCCA certification basis (refer to the certification basis of BD-700-1A11(Global 5000, Global 5000 ft. GVFD, Global 5500) in TCCA Type Certificate Data Sheet No. A-177) and the CAAC Additional Technical Conditions (See as Section I CAAC special requirements).

TCCA 审定基础/TCCA Certification Basis:

详见TCCA型号合格证数据单A-177中的BD-700-1A11（Global 5000,Global 5000 ft. GVFD和Global 5500）型别部分的审定基础。/Refer to the certification basis of BD-700-1A11(Global 5000, Global 5000 ft. GVFD, Global 5500) in TCCA Type Certificate Data Sheet No. A-177.

- (1) 加拿大适航手册第 525 章，适航标准：运输类飞机，1993 年 12 月 30 日发布的 6 号修正案，相当于 FAR 25 修正案 25-1 至 25-79 和加拿大附加适航要求。

加拿大运输部适航手册第 525 章附加适航要求如下：

Canadian Airworthiness Manual Chapter 525, Airworthiness Standards: Transport Category Aeroplane at Change 6 dated December 30,1993 which is equivalent to FAR 25 including amendments 25-1through 25-79 and Canadian Additional Airworthiness Requirements.

Transport Canada Additional Airworthiness Requirements as published in Airworthiness Manual Chapter 525 are

as follows:

525.105(c)(1)	起飞性能, 未铺砌跑道/Take-off Performance, Unpaved Runways	Change 525-2
525.125(b)	着陆性能, 未铺砌跑道/Landing Performance, Unpaved Runways	Change 525-2
525.201(d)(l)	失速演示/Stall Demonstration	First Edition
525.207(b)	失速警告/Stall Warning	First Edition
525.697(b)	升力和阻力装置/Lift and Drag Devices	First Edition
525.699(d)	升力和阻力装置指示器/Lift and Drag Devices, Indicator	First Edition
525.1301-1	地面冷浸后的飞机运行/Aircraft Operations after Ground Cold Soak	First Edition
525.1521(e)	10分钟额定起飞功率/10 Minutes Rated Take-off Power	Change 525-3
525.1557(b)(4)	其他标记和标牌/Miscellaneous Markings and Placards	Change 525-3
525.1581(e), (f)	飞机飞行手册/Aircraft Flight Manual	First Edition
525.1581(g)	飞机飞行手册运行程序(湿/污染跑道)/Aircraft Flight Manual Operating Procedures (Wet/Contaminated Runways)	Change 525-4

(1) 美国联邦航空条例 FAR Part 25:

修正案 25-80 到 25-86, 修正案 25-88 到 25-91, 修正案 25-94, 修正案 25-96 和修正案 25-97。

U.S. Federal Aviation Regulations FAR Part 25:

Amendments 25-80 through 25-86, Amendments 25-88 through 25-91, Amendment 25-94, Amendment 25-96 and Amendment 25-97.

(2) 适航手册第 516 章, 修订 511-2, 第 511.117 节, 功能和可靠性试飞。

Airworthiness Manual, Chapter 511, Change 511-2, Section 511.117, Function and Reliability Test Flying.

(3) 适航手册第 511 章 飞机噪声与排放, 修订 516-7, 其中涉及:

ICAO 附件 16, 第 1 卷, 第 7 版, (2002) 噪声, 和 ICAO 附件 16, 第 2 卷, 第 2 版, (1992) 排放。

Airworthiness Manual, Chapter 516 Aircraft Noise and Emissions at Change 516-7 which refers to:

ICAO Annex 16, Vol. I, Amendment 7, (2002) Noise, and ICAO Annex 16, Vol. II, Amendment 2, (1992) Emissions.

(4) 加拿大运输部专用条件/Transport Canada Special Conditions:

专用条件编号/SC No.	专用条件名称/SC Title
SCA 94-11	高强度辐射场 (HIRF)/High Intensity Radiated Fields (HIRF)
SCA 94-10	高高度运行至 51,000 ft/High Altitude Operation up to 51,000 ft
SCA 2000-06	单个平视显示 (HUD) 的安装/Installation of a Single Head-Up Display (HUD) System

专用条件编号/SC No.	专用条件名称/SC Title
SCA 2003-03	视景增强系统 (EVS) /Enhanced Vision System (EVS)

(5) 等效安全/Equivalent Safety Findings:

受影响的条款/Affected Regulation	等效安全标题/ELOS Title
FAR 25.109	中断起飞和着陆性能标准/Rejected Take-off and Landing Performance Criteria
FAR 25.933	反推/Thrust Reversers
FAR 25.1435(b)(1)	液压系统验证压力测试/Hydraulic System Proof Pressure Testing

(6) 豁免:

对于 BD-700-1A11 – Global 5000 和 Global 5000 ft. GVFD

客舱中部舱门:

204-2004-NCR/RCN (适用于 CAR 604 部或 704 部运行)。

侧向座椅:

203-2004-NCR/RCN (适用于 CAR 604 部或 704 部运行)。

Exemptions:

BD-700-1A11 – Global 5000 and Global 5000 ft. GVFD

Mid-cabin Door:

204-2004-NCR/RCN (for CAR Part 604 or 704 Operations).

Side-facing Divan:

203-2004-NCR/RCN (for CAR Part 604 or 704 Operations).

(7) 已确定符合 FAR 25.801(b)至(e)的水上迫降结构要求以及 25.807(i)的要求。

Compliance with Ditching structural provisions of FAR 25.801(b) through (e) and 25.807(i) has been established.

(8) 已表明符合性:

FAR 34, 排放标准包括修正案 34-1, 和 FAR 36, 噪声标准包括修正案 36-1 到 36-28。

Compliance has also been demonstrated with:

FAR 34, Emission Standards including Amendments 34-1, and FAR 36, Noise Standards including Amendments 36-1 through 36-28.

(9) 对于 BD-700-1A11 中不属于注释 5 (Global 5000 ft. GVFD) 注释 6 (Global 5500) 定义的市场名的飞机, 审定基础与上文 1 至 9 段定义的相同。对于 BD-700-1A11 中属于注释 5 (Global 5000 ft. GVFD) 和注释 6 (Global 5500) 中定义的市场名的飞机, 以下审定基础也适用, 并在适用的情况下取代 1 至 9 段中的审定基础。请注意 GVFD 也包括视景增强系统。

对于对应的全球视景驾驶舱的部分, 飞机上的变化区域和受变化影响的区域。

For BD-700-1A11 that do not fall in marketing designations defined by Notes 5(Global 5000 ft. GVFD), 6(Global 5500), the Certification Basis is unchanged from BD-700-1A11 defined in paragraphs 1 to 9 above. BD-700-1A11 that fall in the new marketing designations defined in Notes 5 (Global 5000 ft. GVFD), 6(Global 5500) the following Certification Basis also applies and where applicable supersedes the Certification Basis in paragraphs 1 to 9. Please note that GVFD also includes Enhanced Flight Vision System (EFVS).

For those parts of the aircraft corresponding to Global Vision Flight Deck areas of change and areas affected by change:

- (a) 加拿大适航手册(AWM)第 525 章, 修订 525-11, 于 2005 年 12 月 1 日发布, 等效于 14 CFR Part 25 的修正案 25-110, 以及修正案 25-1 至 25-119 水平, 但以下修正案与变更区域或受变更影响的区域无关: 93、95、98-103、106-110、112 和 116-118。

AWM 525/14 CFR 25 修正案水平由全球视景驾驶舱设计更改定义, 根据以下的内容修订(请参阅注释 3)上文 1 至 9 中定义的审定基础:

Canadian Airworthiness Manual (AWM) Chapter 525, at change 525-11, published on December 1, 2005, which is equivalent to 14 CFR Part 25 at Amendment 25-110, as well as 14 CFR Part 25 Amendments 25-1 through 25-119, except for the following Part 25 Amendments which do not correspond to an area of change or area affected by change: 93, 95, 98-103, 106-110, 112, and 116-118.

AWM 525/14 CFR 25 design standard amendment levels addressed by the Global Vision Flight Deck modification and surpassing the Certification Basis defined in paragraphs 1 to 9 above correspond to the following (see NOTE 3):

AWM 525 FAR 25	条款名称 Section Title	修正案 Amendment	受影响的设计区域/ Affected Area of Design
25.105(c)	起飞/Takeoff	25-92	飞行指引/Flight Director
25.111(a)(b)(c)(d)	起飞航迹/Takeoff Path	25-115	飞行指引/Flight Director
25.113	起飞距离和起飞滑跑/Takeoff Distance and Takeoff Run	25-92	飞行指引/Flight Director
25.677(b)	配平系统/Trim Systems	25-115	配平面板与新航空电子设备的接口/Trim Control Panel Interface with New Avionics
525.783(e) 25.783(e)	机身舱门/Fuselage Doors	525 Change 11 25-114	与新航空电子设备的接口/ Interface with New Avionics
25.841(a)	增压座舱/Pressurized Cabins	25-87	AFCS 紧急下降模式/AFCS Emergency Descent Mode
25.856(a)	隔热/隔音材料/ Thermal/Acoustic Insulation Materials	25-111	隔热/隔音形式和件号(材料不变)/ Thermal/Acoustical Insulation Form and Part Numbering (no material change)
25.1141(f)	动力装置的操纵器件: 总则/ Powerplant Controls: General	25-115	与新的航空电子设备和油门组件的接口/ Interface with New Avionics and Throttle Quadrant Assembly
525.1305(a)(c)(d) 25.1305(a)(c)(d)	动力装置仪表/Powerplant Instruments	525 Change 11 25-115	与新航空电子设备的接口/Interface with New Avionics
25.1329	飞行导引系统/Flight Guidance System	25-119	新的自动飞行控制系统/New Automatic Flight Control System
25.1353(a)	电气设备及安装/Electrical	25-113	新的改装后的电气设备、控制和线路/

	Equipment and Installations		New and Modified Electrical Equipment, Controls and Wiring
25.1431(d)	电子设备/ Electronic Equipment	25-113	新的改装后的电气设备/ New and Modified Electronic Equipment
25.1435(b1)	液压系统/ Hydraulic Systems	25-104	与新航空电子设备的接口/ Interface with New Avionics
25.1439(a)(b)	防护性呼吸设备/ Protective Breathing Equipment	25-115	新电子设备与现有电子设备的接口/ New Electronic Equipment Interface with Existing Electronic Equipment
25.1527	周围大气温度和使用高度/ Maximum Operating Altitude	25-105	飞机环境温度和高度限制/ Aircraft Ambient Temperature and Altitude Limits
25.1583	使用限制/ Operating limitations	25-105	新版飞行手册/ New Flight Manual
25.1585	使用程序/ Operating procedures	25-105	新版飞行手册/ New Flight Manual

- (b) 对于变更和受变更影响的区域, 已表明了对 FAR 25.1317 修正案 25-122 的符合性, 包括 FAA 25.1317(b)的等效安全。

Compliance has also been demonstrated with FAR 25.1317 at Amendment 25-122 for areas of change and areas affected by change including FAA Equivalent Level of Safety for 25.1317(b).

- (c) 加拿大运输部专用条件: /Transport Canada Special Conditions:

专用条件编号/SC No	专用条件名称/SC Title
SCA 2009-10	视景增强系统 (EVS)/Enhanced Vision System (EVS)
SCA 2009-11	虚拟视景系统 (SVS)/Synthetic Vision System (SVS)
SCA 2010-01	平视显示 (HUD)/Heads-Up Display (HUD)
SCA 2014-23	系统和数据网络 */Systems and Data Networks *

*是指执行了庞巴迪改装 700T901312 (Rev B1) 或 700T901313 (Rev B1) - (GVFD v.5 Software) 的飞机。

* For aircraft incorporating Bombardier modification 700T901312 (Rev B1) or 700T901313 (Rev B1) - (GVFD v.5 Software).

- (d) 对于 EFVS 的变更区域和受变更影响的区域, 已表明了对 AWM 第 525 章 525.773(e) (自 2019/08/15 生效) 和 14 CFR Part 25 第 25-144 修正案 25.773(e) 的符合性。

For those areas of change and areas affected by the EFVS, compliance has also been demonstrated with AWM Chapter 525, Paragraph 525.773(e)(effective 2019/08/15) and 14 CFR Part 25, Paragraph 25.773(e) at Amendment 25-144.

IV. 技术特征和使用限制/Technical Characteristics and Operational Limitations

型号设计定义/Type Design Definition:

经批准的型号设计在文件 RAZ-C700-127 (Issue A-2 或后续批准的修订版) 中定义。/The approved type design is defined in the document RAZ-C700-127 at Issue A-2 or later approved revisions.

对于每一架特定 BD-700-1A11 飞机的“用于交付”构型, 其适用的经批准的型号设计号在文

件 RAL-700-XXXX(XXXX 表示该飞机的序列号)中定义。/The approved type design number appropriate for the “as delivered” configuration of a particular BD-700-1A11 aircraft is defined in the document RAL-700-XXXX (XXXX denotes the serial number for the aircraft concerned).

发动机/Engines:

除 Global 5500 的所有机型: 两台罗罗 Deutschland Ltd & Co KG 公司 BR700-710A2-20 发动机 (发动机型号合格证编号: E.018, 型号认可证编号: VTC0198E, 型号认可证数据单版次 3)

For all except Global 5500: Two Rolls Royce Deutschland Ltd & Co KG BR700-710A2-20 (Engine Type Certificate No. E.018, VTC No. VTC0198E, The Validation Data Sheet Revision 3)

Global5500 的机型: 两台罗罗 Deutschland Ltd & Co KG 公司 BR700-710D5-21 发动机 (发动机型号合格证编号: EASA TCDS E.018, Issue 14, 型号认可证编号: VTC0198E, 型号认可证数据单版次 7)

For Global 5500: Two Rolls Royce Deutschland Ltd & Co KG BR700-710D5-21 (Engine Type Certificate EASA TCDS E.018, Issue 14, VTC No. 0198E, The Validation Data Sheet Revision 7)

燃油/Fuel:

请参阅批准的出版物中列出的适用的飞机飞行手册。/See applicable AFM as listed in Approved Publications.

发动机限制/Engine Limits:

BD-700-1A11 (除 GLOBAL 5500) /BD-700-1A11 (EXCEPT GLOBAL 5500) :

	海平面静态推力/SL Static Thrust		风扇转速 /Fan RPM	核心机转速 /Core RPM	ITT		时间限制 /Time Limit
	磅/lbf	千牛/kN	N1%	N2%	摄氏度 /℃	华氏度 /℉	
最大起飞/ Max. Take-off	14,750 **	65.6 **	102.0	99.6	900	1,652	5 min.
最大连续/ Max. Continuous	14,450	64.3	102.0	98.9	860	1,580	-
慢车范围/Idle Range	-	-	-	58.0min.	860max.	1,580max.	-
最大超转/超温Max. Overspeed / Over-Temperature	-	-	102.5	99.8	905	1,661	20 sec.
反推/ Reverse Thrust	-	-	*	-	-	-	-
地面启动/ Starting on Ground	-	-	不适用/ N/A	不适用/ N/A	700	1,292	-
空中启动/ Starting in Air	-	-	不适用/ N/A	不适用/ N/A	850	1,562	-

*对于反推, FADEC 控制风扇 RPM (N1) 到 70.0% 可维持 30 秒

**对于执行了 SBs 700-72-6002 & 700-72-6003 或 SB 700-72-5002 的飞机, 在伦敦城市机场 (EGLC) 可使用更高的推力限制。

* For Reverse Thrust, FADEC controls the Fan RPM (N1) to 70.0% for 30 sec.

** For aircraft incorporating SBs 700-72-6002 & 700-72-6003 or aircraft incorporating SB 700-72-5002, increased thrust limits are available for London City Airport (EGLC).

BD-700-1A11(GLOBAL 5500):

	海平面静态推力/SL Static Thrust		风扇转速 /Fan RPM	核心机转速/Core RPM	ITT		时间限制 /Time Limit
	磅/lbf	千牛/kN	N1%	N2%	摄氏度/℃	华氏度/℉	
最大起飞/ Max. Take-off	15,250	67.8	102.1	101.6	890	1,634	5 min AEO 10 min OEI
最大起飞(瞬态2分钟)/ Max. Take-off (Transient 2 min)	-	-	-	-	900	1,652	-
最大连续/ Max. Continuous	14,255	63.4	102.1	99.9	850	1,562	-
慢车范围/Idle Range				58.2min.	860max.	1,562max	-
最大超转/超温 /Max. Overspeed / Over-Temperature	-	-	103.3	102.8	915	1,679	20 sec.
反推/ Reverse Thrust	-	-	70.4	-	-	-	30 sec.
地面启动/ Starting on Ground	-	-	不适用/ N/A	不适用/ N/A	700	1,292	-
空中启动/ Starting in Air	-	-	不适用/ N/A	不适用/ N/A	850	1,562	-

辅助动力装置/APU:

联信 RE 220 (GX)/Allied Signal RE 220 (GX)

空速限制(IAS)/Airspeed Limits(IAS):

BD-700-1A11 (除 GLOBAL 5500) : /BD-700-1A11 (EXCEPT GLOBAL 5500):

	节/Knots	马赫数/Mach
V _{MO} and M _{MO}		
海平面至8000英尺/Sea Level to 8,000 ft.	300	-
8000英尺至30,267 英尺/8,000 ft. to 30,267 ft.	340	-
30,267 英尺至35000英尺/30,267 ft. to 35,000 ft.	-	0.89
@ 47,000 ft.	-	0.871 (0.858 *)
@ 51,000 ft.	-	0.855 (0.842 *)

V_{fe} (襟翼放出/Flaps Extended)		
6 °	210	-
16 °	210	-
30 °	185	-
V_{FC} / M_{FC}	369	0.915
V_D / M_D	398	0.97
V_A (机动/Maneuvering)		
V_A 随高度和飞机重量的变化,参见飞机飞行手册。/See AFM for variation of V_a with altitude and aircraft weight.		
V_{SE} (缝翼放出/Slats Extended)	225	-
V_{MCA}	86	-
V_{MCG}	84	-
V_{LO}	200	-
V_{LE}	250	-

*适用于所有 BD-700-1A11 飞机(型号审定构型中包含 ModSum 700T01613)。

*Refers to all BD-700-1A11 aircraft (ModSum700T01613 is included in the Type Certification Configuration).

BD-700-1A11(GLOBAL 5500):

	节/Knots	马赫数/Mach
V_{MO} and M_{MO}		
海平面至8000英尺/Sea Level to 8,000 ft.	300	-
8000英尺至30,267 英尺/8,000 ft. to 30,267 ft.	340	-
30,267 英尺至35000英尺/30,267 ft. to 35,000 ft.	-	0.9**
@ 47,000 ft.	-	0.871 (0.858 *)
@ 51,000 ft.	-	0.855 (0.842 *)
V_{fe} (襟翼放出/Flaps Extended)		
6 °	210	-
16 °	210	-
30 °	185	-
V_{fc} / M_{fc}	369	0.915
V_d / M_d	398	0.97
V_A (机动/Maneuvering)		
V_A 随高度和飞机重量的变化,参见飞机飞行手册。/See AFM for variation of V_a with altitude and aircraft weight.		
V_{SE} (缝翼放出/Slats Extended)	225	-
V_{MCA}		
OUT/0	97	-
OUT/6	88	-
OUT/16	88	-
V_{MCG}		
OUT/0	96	-
OUT/6	86	-

OUT/16	86	-
V _{LO}	200	-
V _{LE}	250	-

* 适用于所有 BD-700-1A11 飞机(型号审定构型中包含 ModSum 700T01613)。

** 参见 AFM 了解使用 0.90 M_{MO} 的程序。

* Applicable to all BD-700-1A11 aircraft (ModSum 700T01613 is included in the Type Certification Configuration).

** See AFM for procedures to exercise use of 0.90 M_{MO}.

重心限制/ CG Limit:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

基准/Datum:

FS 0.0 位于机头前方 366 厘米+ 81 厘米(144 英寸+ 32 英寸)处。

FS 0.0 located at 366 cm+ 81 cm (144 in. + 32 in.) fwd of the aircraft nose.

滑油/Oil:

请参阅批准的持续适航文件中列出的适用的飞机维修手册。

See applicable AMM as listed in Instructions for Continued Airworthiness.

水平测量方法/Leveling Means:

通过在 FS 926 处后设备舱内的铅锤和标度盘, 来进行纵轴和横轴方向的飞机水平测量。

Aircraft is levelled in the longitudinal and lateral axis by means of a plumb bob and target in the aft equipment bay at FS 926.

最大重量/Maximum Weights:

	公斤/kg	磅/lb
最大滑行和停机重量/Max. Taxi and Ramp	42,071 *	92,750 *
最大起飞/Max. Takeoff	41,957 *	92,500 *
最大着陆/Max. Landing	35,652	78,600
最大零燃油Max. Zero Fuel	26,308*	58,000*
最小飞行重量Min. Flight Weight	23,224	51,200

*对于特定配置的重量限制和飞机适用范围, 请参阅批准的出版物中列出的适用飞机飞行手册 (AFM) 。

* See applicable Aircraft Flight Manual (AFM), as listed in Approved Publications, for configuration specific weight limitations and aircraft eligibility.

最小机组/Minimum Crew:

两人(驾驶和副驾驶)

2 (pilot and co-pilot)

最大载客量/Maximum Occupants:

22 (包括机组人员和不超过 19 名旅客), 参见注释 1。 / 22 (Including the crew and no more than 19 passengers), See NOTE 1.

最大行李/Maximum Baggage:

绿飞机不包括行李/货舱。 /The green aircraft does not include baggage/cargo compartments.

燃油量/Fuel Capacities:

可用/Usable	载量/Load		重量/Weight **	
	美加仑/U.S. Gal.	升/Liters	磅/lb.	公斤/kg.
2主油箱(每个)/2 main tanks (each)	2,229	8,438	15,046	6,824
1中央油箱/1 Center Tank	903	3,418	6,095	2,765
总计/Total	5,361	20,294	36,187	16,413
不可用 (可排放的) /Unusable (/drainable)*	10	37.9	67.5	30.6
不可排放的/Undrainable*	14.8	56.0	100	45.4

*见注释 2

**假设燃油的密度为 6.75 lb./U.S. Gal.

* See NOTE 2

** Assuming a fuel density of 6.75 lb./U.S. Gal.

对于执行了庞巴迪服务通告 700-1A11-11-008 或 700-11-5004 或 ModSum 700T900764 和 700T900765 的飞机。 /For aircraft incorporating Bombardier Service Bulletin 700-1A11-11-008 or 700-11-5004 or ModSum 700T900764 and 700T900765.

可用/Usable	载量/Load		重量/Weight **	
	美加仑/U.S. Gal.	升/Liters	磅/lb.	公斤/kg.
2主油箱(每个)/2 main tanks (each)	2,229	8,438	15,046	6,824
1中央油箱/1 Center Tank	1,357	5,136	9,158	4,158
总计/Total	5,815	22,012	39,250	17,806
不可用 (可排放的) /Unusable (/drainable)*	10	37.9	67.5	30.6
不可排放的/Undrainable*	14.8	56.0	100	45.4

*见注释 2

**假设燃油的密度为 6.75 lb./U.S. Gal.

* See NOTE 2

** Assuming a fuel density of 6.75 lb./U.S. Gal.

滑油量/ Oil Capacities:

BD-700-1A11 (除 GLOBAL 5500) : /BD-700-1A11(EXCEPT GLOBAL 5500):

	载量/Load		重量/Weight *	
	美加仑/U.S. Gal.	升/Liters	磅/lb.	公斤/kg.
2 发动机(每台)/Engines (each)	4.8	18.2	39	18
1滑油补给油箱 (包括滑油补给管路) / Oil Repl. Tank(including oilrepl. lines)	1.6	6.1	13	6
总计/Total	11.2	42.5	91	42
可用/发动机/Usable per Engine	1.01	3.83	8.2	3.7

* Assuming an oil density of 8.1073 lb/U.S. Gal.

*假设滑油的密度为 8.1073 lb/U.S. Gal.

BD-700-1A11(GLOBAL5500)

	载量/Load		重量/Weight *	
	美加仑/U.S. Gal.	升/Liters	磅/lb.	公斤/kg.
2 发动机(每台)/2Engines (each)	2.96	11.2	24.0	10.9
1滑油补给油箱 (包括滑油补给管路) / Oil Repl. Tank (including oilrepl. lines)	1.51	5.7	12.2	5.53
总计/Total	8.94	33.8	72.5	32.9
可用/发动机/Usable per Engine	1.08	4.1	8.76	3.97

* Assuming an oil density of 8.1073 lb/U.S. Gal.

*假设滑油的密度为 8.1073 lb/U.S. Gal.

最大适用高度/Maximum Operating:

起飞和着陆/Take off and Landing: 13,700 ft (4,175 m)

航路/Enroute: 51,000 ft (15,545 m)

外界大气温度限制/Outside Air Temperature Limits:

海平面环境: 最低-40°C 至最高 50°C (-40°F至 122°F)。

At Sea Level Ambient: -40°C min. to 50°C max. (-40°F to 122°F).

适用的序列号/Serial Numbers Eligible:

市场名/Marketing Designation	适用的序列号/Eligible Serial Numbers
Global 5000	9127和后续的序列号/9127 and Subsequent
Global 5000 ft. GVFD	9386, 9401, 9445 和后续的序列号, 除了 9998 和;60001和后续的序列号/9386, 9401, 9445 and Subsequent, excluding 9998 and;60001 and Subsequent
Global 5500	60001和后续的序列号/60001 and Subsequent

设备/ Equipment:

适用的适航规章里所要求的基本设备（见审定基础）必须安装在飞机上。/The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the aircraft for certification.

标牌/Placards:

BD-700-1A11– Global 5000:

所有标牌必须按照庞巴迪图纸 GC 789-0001, GD 972-0001, GM 972-0010, GS 782-5001(仅限 BD-700-1A11) and GC 789-5000 (仅限 BD-700-1A11) 安装。/Placards must be installed in accordance with Bombardier Drawings GC 789-0001, GD 972-0001, GM 972-0010, GS 782-5001(BD-700-1A11 only) and GC 789-5000 (BD-700-1A11 only).

BD-700-1A11– Global5000 ft. GVFD/5500:

所有标牌必须按照庞巴迪图纸 GC 789-7000, GC 789-7001, GD 972-0001, GM 972-0010, GS 782-5001（仅限 BD-700-1A11）, GC 789-7500（仅限 BD-700-1A11）安装。/Placards must be installed in accordance with Bombardier Drawings GC 789-7000, GC 789-7001, GD 972-0001, GM972-0010, GS 782-5001 (BD-700-1A11 only), GC 789-7500 (BD-700-1A11 only).

V. 运行及服务信息/Operating and Service Information

飞行手册 (AFM)

参照相关经批准的飞行手册

Aircraft Flight Manual (AFM)

Refer to relevant approved Aircraft Flight Manual

VI. 批准的技术资料/Approved Technical Documents飞机飞行手册/Aircraft Flight Manual (AFM):

请参阅下表，了解加拿大运输部批准的 AFM 以及其适用的构型和批准的修订：

Please refer to the table below for the Transport Canada approved AFM for the appropriate configuration and approved revisions:

市场名/Marketing Designation	AFM出版物编号/AFM Publication Number	AFM识别号/AFM Document Identification Number
Global 5000	CSP 700-5000-1	GL 5000 AFM
Global 5000 ft. GVFD	CSP 700-5000-1V	GL 5000 GVFD AFM
Global 5500	CSP 700-5500-1	GL 5500 AFM

时限/维护检查手册/Time Limits/Maintenance Checks Manual:

请参阅下表，了解加拿大运输部批准的时限/维护检查手册后续批准修订版以及其适用的构型，包含审定维修工作、寿命限制件和损伤容限检查等内容。这一信息与工程报告 RBR-C700-167 和 RAS-C700-990 一致。

Please refer to the table below for the Transport Canada approved Time Limits/Maintenance Checks Manual (TLMC) or later approved revisions for the appropriate configuration containing

the Certification Maintenance Tasks, Life Limited Parts and Damage Tolerant Inspections. This information is consistent with Engineering Reports RBR-C700-167 and RAS-C700-990:

市场名/Marketing Designation	TLMC出版物编号/TLMC Publication Number	TLMC识别号/TLMC Document Identification Number
Global 5000	BD-700 TLMC	GL 5000 TLMC
Global 5000 ft. GVFD	GL 5000 GVFD TLMC	GL 5000 GVFD TLMC
Global 5500	GL 5500 TLMC	GL 5500 TLMC

图纸清单/Drawing List:

庞巴迪出版物 RAL-700-0002 版本 B 或之后批准的修订版。

Bombardier Publication RAL-700-0002 at Issue B or later approved revisions.

持续适航文件/Instructions for Continued Airworthiness:

持续适航文件包括以下出版物和相关的后续版本:

The Instructions for Continued Airworthiness consist of the following Publications and their associated later revisions:

飞机维护手册/Aircraft Maintenance Manual:

市场名/Marketing Designation	AMM出版物编号/AMM Publication Number	AMM识别号/AMM Document Identification Number
Global 5000	BD-700 AMM	GL 5000 AMM
Global 5000 ft. GVFD	GL 5000 GVFD AMM	GL 5000 GVFD AMM
Global 5500	GL 5500 AMM	GL 5500 AMM

时限/维护检查手册/Time Limits/Maintenance Checks Manual:

市场名/Marketing Designation	TLMC出版物编号/TLMC Publication Number	TLMC识别号/TLMC Document Identification Number
Global 5000	BD-700 TLMC	GL 5000 TLMC
Global 5000 ft. GVFD	GL 5000 GVFD TLMC	GL 5000 GVFD TLMC
Global 5500	GL 5500 TLMC	GL 5500 TLMC

结构修理手册/Structural Repair Manual:

市场名/Marketing Designation	SRM出版物编号/SRM Publication Number	SRM识别号/SRM Document Identification Number
Global 5000	BD-700 SRM	GL 5000 SRM
Global 5000 ft. GVFD	GL 5000 GVFD SRM	GL 5000 GVFD SRM
Global 5500	GL 5500 SRM	GL 5500 SRM

无损探伤手册/Non-Destructive Testing Manual:

市场名/Marketing Designation	NDTM出版物编号/NDTM Publication Number	NDTM识别号/NDTM Document Identification Number
Global 5000	BD-700 NDTM	GL 5000 NDTM

Global 5000 ft. GVFD	GL 5000 GVFD NDTM	GL 5000 GVFD NDTM
Global 5500	GL 5500 NDTM	GL 5500 NDTM

注释（适用于 BD-700-1A11）/Notes（For BD-700-1A11）

注释/NOTE 1: 绿飞机型号设计不包括乘客设施。当航空器依照审定基础安装了经批准的座椅布置和相关必要的乘客设施后，客舱允许载人。

The green aircraft type design configuration does not include passenger provisions. Carriage of persons in the cabin is permitted when an approved seating arrangement and related required passenger provisions are incorporated in accordance with the Certification Basis.

注释/NOTE 2: 必须为每架飞机在获得适航证时提供一份现行有效的重量平衡报告，必要时包括审定空重中包含的设备清单和装载程序。

A Current weight and balance report, including the list of equipment included in the certificated empty weight and loading instructions, when necessary, must be provided for each aircraft at the time of original certification.

注释/NOTE 3: 将系统管道和油箱填充到不可排放的高度所需的燃油量以及油箱中无法使用的燃油量(在燃油容量章节中已定义)必须包含在空重中。

The amount of fuel required to fill the system plumbing and tanks to the undrainable level plus unusable fuel in the fuel tanks as defined in the Fuel Capacity section must be included in the empty weight.

注释/NOTE 4: BD-700-1A11 – Global 5000 ft. GVFD 批准定义:

全球视景驾驶舱是 BD-700-1A11 的商业名，不是型别。

全球视景驾驶舱设计更改申请时间 2006 年 6 月 19 日。

BD-700-1A11 –Global 5000 ft. GVFD Approval Definition:

Global Vision Flight Deck designation for the BD-700-1A11 does not correspond to a model designation. This is only a commercial designation.

Global Vision Flight Deck Modification Application June 19, 2006

注释/NOTE 5: Global 5000 ft. GVFD 是 Global 5000 配备了全球视景驾驶舱的 BD-700-1A11 型飞机的市场名，并具有以下任一改装组合。

The Global 5000 featuring the Global Vision Flight Deck (Global 5000 ft. GVFD) is a marketing designation for BD-700-1A11 equipped with the Global Vision Flight Deck, corresponding to aircraft with either following combinations of modifications installed:

With 700T901902 and Without 700T03185	OR	With 700T901902 700T03185 700T101134
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注释/NOTE 6: Global 5500 是具有全球视景驾驶舱和 Rolls-Royce Deutschland Ltd & Co KG BR700-710D5-21 发动机的 BD-700-1A11 型飞机的市场名，并具有以下的改装组合。

The Global 5500 is a marketing designation for BD-700-1A11 equipped with the Global Vision Flight Deck and Rolls-Royce Deutschland Ltd & Co KG BR700-710D5-21 engines, corresponding to aircraft following combination of modifications installed:

With
700T901902
700T03185
and
Without
700T101134

注释/NOTE 7: BD-700-1A11 的所有衍生型都通过基本设备满足了 RVSM 适航要求。但是，在 RVSM 空域飞行的运行批准仍必须得到 CAAC 运行部门的批准。

All variants of the BD-700-1A11 are compliant with RVSM airworthiness requirements through basic equipment. However, operational approval to fly in RVSM airspace must still be granted by the local CAAC Operational Branch.

注释/NOTE 8: BD-700-1A11 的所有衍生型都通过基本设备满足了 RNP 运行的设计要求。各衍生型的具体能力参见 TCCA 批准的飞机飞行手册（AFM）。进行这类运行必须获得飞机注册国适航当局的运行批准。

All variants of the BD-700-1A11 are compliant with the aircraft design requirements for RNP Operations through its basic equipment. Refer to the Transport Canada approved Aircraft Flight Manual (AFM) for variant specific capabilities. Operational approval to conduct such kind of operation must be granted by the National Airworthiness Authority in the individual aircraft's country of registry.

第三部分: BD-700-2A12(Global 7500)**I. 产品型别和批准日期/Model and Approval Date**

型别/ Model	TCCA批准日期/Approval Date	类别/Category
BD-700-2A12(Global 7500)	2018年9月27日/ Sep 27, 2018	运输类航空器/Transport Category Aircraft

型别/Model	CAAC批准日期/Approval Date	类别/Category
BD-700-2A12(Global 7500)	2026年7月16日/July 16, 2026	运输类航空器/Transport Category Aircraft

II. 生产依据/ Production Basis

TCCA 于2022年10月06日颁发的生产审定组织许可证No.12-58 适用于TCCA TCDS A-177包括的飞机。

Approved Organization Certificate No. 12-58 issued 10/06/2022. Applies to aircraft on TCCA TCDS A-177.

III. 认可审定基础/ Validation Certification Basis

CAAC的认可审定基础由TCCA的审定基础（详见TCCA型号合格证数据单：编号A-177中的BD-700-2A12（Global7500）型别部分的审定基础）和CAAC的附加技术条件组成。

The CAAC validation certification basis consists of the TCCA certification basis (refer to the certification basis of BD-700-2A12(Global 7500) in TCCA Type Certificate Data Sheet No. A-177) and the CAAC Additional Technical Conditions (ATCs).

TCCA 审定基础/TCCA Certification Basis:

详见TCCA型号合格证数据单A-177中的BD-700-2A12（Global7500）型别部分的审定基础。/Refer to the certification basis of BD-700-2A12(Global 7500) in TCCA Type Certificate Data Sheet No. A-177.

- (1) 加拿大适航手册第 525 章，适航标准：运输类飞机，修订 525-22，发布于 2015 年 6 月 30 日，相当于 14 CFR 25 部直到修正案 25-138（修正案 25-120 除外）以及下列加拿大的附加适航要求。

Canadian Airworthiness Manual Chapter 525, Airworthiness Standards: Transport Category Aircraft, at Change 525-22 dated June 30, 2015 which is equivalent to 14 CFR Part 25 up to and including Amendment 25-138, excluding Amendment 25-120, and the following Canadian Additional Airworthiness Requirements.

525.105(c)(1)	起飞性能，未铺筑路面/Take-off Performance, Unpaved Runways	Change 525-2
525.125(b)	着陆性能，未铺筑路面/Landing Performance, Unpaved Runways	Change 525-2
525.207(b)	失速警告/Stall Warning	First Edition
525.697(b)	升力和阻力装置/Lift and Drag Devices	First Edition
525.699(d)	升力和阻力装置指示器/Lift and Drag Devices, Indicator	First Edition
525.1301-1	地面冷浸后的飞机运行/Aircraft Operations after Ground Cold Soak	First Edition
525.1521(e)	10分钟额定起飞功率/10 Minutes Rated Take-off Power	Change 525-3

525.1557(b)(4)	其他标记和标牌/Miscellaneous Markings and Placards	Change 525-3
525.1581(e), (f)	飞机飞行手册/Aircraft Flight Manual	First Edition
525.1581(g)	飞机飞行手册运行程序(湿/污染跑道)/Aircraft Flight Manual Operating Procedures (Wet/Contaminated Runways)	Change 525-4

(2) 已满足以下附加可选要求:

Compliance with the following additional optional requirements has been established:

- a. 525.801 迫降; 和/Ditching; and
- b. 525.1419 防冰。/Ice Protection.

(3) 适航手册第 516 章 飞机排放, 修订 516-11 发布于 2015 年 6 月 30 日, 其中涉及:

- a. ICAO 附件 16, 第 1 卷, 第 10 版 (2011) 第 4 章—飞机噪声
- b. ICAO 附件 16, 第 2 卷, 第 7 版 (2011) —飞机发动机燃油排放。

Airworthiness Chapter 516, Aircraft Emissions, at Change 516-11 dated June 30, 2015 which incorporates:

- a. Chapter 4 of ICAO Annex 16, Vol. I, Amendment 10, (2011) – Aircraft Noise
- b. ICAO Annex 16, Vol. II, Amendment 7, (2011) – Aircraft Engine Emissions for Fuel Venting

(4) 专用条件: /Special Conditions:

SCA	标题/Title
SCA 2014-08	单手操纵的限制载荷/Limit Loads for Single Hand Control
SCA 2014-09	采用非传统机身材料的坠机后火灾生存能力/Post-Crash Fire Survivability with Non-Traditional Fuselage Materials
SCA 2014-10	设计滚转机动/Design Roll Maneuver
SCA 2014-11	无正常电源的运行/Operation Without Normal Electrical Power
SCA 2014-12	系统和结构的交联/Interaction of Systems and Structures
SCA 2014-13	平视显示器 (HUD) 上的视景系统视频/Vision System Video on a Head Up Display (HUD)
SCA 2014-14	飞行控制系统/Flight Control Systems
SCA 2014-15	飞行包线保护: 一般限制要求; 正常过载系数 (g) 保护; 高速保护; 俯仰姿态限制; 倾斜角限制; 滚转速率限制; 机动载荷缓解; 水平安定面失速保护/Flight Envelope Protection: General Limiting Requirements; Normal Load Factor (g) Protection; High Speed Protection; Pitch Attitude Limiting; Bank Angle Limiting; Roll Rate Limiting; Maneuver Load Alleviation; Horizontal Stabilizer Stall Protection
SCA 2014-16	侧杆控制器/Sidestick Controllers
SCA 2014-18	非传统机身材料的飞行防火/阻燃性能/In-Flight Fire Safety/Flammability Resistance with Non-Traditional Fuselage Materials
SCA 2014-21	系统和数据网络安全/Systems and Data Networks Security
SCA 2014-22	发动机和辅助动力装置卡住喘振/Engine and Auxiliary Power Unit Seizure
SCA 2015-03	飞行仪表外部探头—结冰条件下的鉴定/Flight Instrument External Probes – Qualification in Icing Conditions
SCA 2016-02	飞行包线报告: 高迎角保护/Flight Envelope Protection: High Angle-of-Attack Protection

SCA 2016-04	侧向座椅/Side-Facing Seats
SCA 2016-07	可充电锂电池和电池系统/Rechargeable Lithium Batteries and Battery Systems
SCA 2018-01	自动刹车系统结构载荷/Automatic Braking System Structural Loads
SCA 2018-03	不可充电锂电池和电池系统（见注释7）/Non-Rechargeable Lithium Batteries and Battery Systems (See NOTE 7)
SCA 2018-04	治疗用氧气系统/Therapeutic Oxygen System
SCA 2018-06	客舱大型非结构玻璃的安装/Installation of Large Non-Structural Glass in the Passenger Compartment
SCA 2019-04	窄跑道运行/Operations on Narrow Runways
SCA 2019-05	陡坡近进的着陆能力/Steep Approach Landing Capability

(5) 等效安全：/Equivalent Safety Findings:

要求/Requirement (AWM)	标题/Title
525.901(d) AWM 525 Subchapters E, F and G	APU 安装要求/APU Installation Requirements
525.341(a)(5)(i) 525.341(b) 525.343(b)(1)(ii) 525.345(c)(2) 525.371 525.373(a) 525.391 525.1517	阵风 and 连续湍流荷载/Gust and Continuous Turbulence Loads
525.331(c)(2)	检查俯仰机动/Checked Pitch Maneuver
525.391 525.395(b) 525.415	地面阵风/Ground Gust
525.335(b)(1)	设计俯冲速度考虑/Design Dive Speed Considerations
525.173(c)	静态纵向稳定力梯度/Static Longitudinal Stability Force Gradient
525.933(a)(1)	反推系统/Thrust Reverser System
525.1303(a)(3) 525.1327 525.1547	非稳定磁罗盘/Non-Stabilized Magnetic Compass
525.1317(b)	高强度辐射场/High-Intensity Radiated Fields
525.1301(a) 525.1309	设备、系统和安装要求/Equipment, Systems and Installations Requirements
525.841(a) 525.841(b)(6)	14000 英尺高原机场运行/High Altitude Airport Operations Up To and Including 14,000 Feet
525.831(g)	故障条件下可接受的高温生理环境/Acceptable High Temperature Physiological Environment During Failure Conditions
525.721 525.963(d) 525.994	应急着陆条件/Emergency Landing Conditions
525.1549(b)	绿色弧形推力指示/Green Arc Thrust Indication
525.1389(b)(3) 525.1395	示廓灯的最大允许重叠强度/Maximum Allowable Overlapping Intensities on Position Lights
525.1322(c)(2) 525.1322(e)(1)	飞行机组告警/Flight Crew Alerting

525.1195(b)	发电机灭火瓶共享/Powerplants Fire Extinguishing System Bottle Sharing
525.161(c)(1)	纵向配平/Longitudinal Trim
525.785(b)	乘员滞留-安全腰带回弹位置受伤评估/Occupant Retention - Lap Belt Rebound Position Assessment for Injury
525.851(a)	B 类行李舱使用内置灭火系统代替手动灭火器/Use of a Built-in Fire Extinguishing System in Place of Hand Fire Extinguisher for a Class B Baggage Compartment
525.812(b)(1)	紧急出口、出口定位标志/Emergency Exit, Exit Locator Sign
525.1443(c)	客舱补充氧气最小质量流量/Passenger Cabin Minimum Mass Flow of Supplemental Oxygen
525.851(b)	行李舱灭火系统共用灭火瓶的使用/Use of a Shared Fire Extinguisher Bottle for the Baggage Compartment Fire Protection System

(6) 豁免: /Exemptions:

要求/Requirement (AWM)	标题/Title
525.809(a)	NCR-013-2017, 紧急出口观察装置/Emergency Exit Viewing Means
525.813(e)	NCR-043-2015, 乘客座椅和紧急出口之间一个或多个门的安装/Installation of One or More Doors Between Passenger Seats and Emergency Exits
525.1322(a)(2)	NCR-024-2018, 起飞和着陆期间抑制 L (R) ENG FLAMEOUT (警戒) 信息/L (R) ENG FLAMEOUT (Caution) Messages Inhibited During Take-off and Landing
525.1447(c)(1)	NCR-020-2018, 高原机场运行补充氧气面罩的释放高度/Supplemental Oxygen Masks Deployment Altitude for High Altitude Airport Operations

- (7) 对于那些变化区域和受增强飞行视觉系统 (EFVS) (ModSum 700P3430009, A 版) 影响的区域, 已证明符合 14 CFR 25 部 25.773 条修正案 25-144 的要求。

For those areas of change and areas affected by the Enhanced Flight Vision System (EFVS) (ModSum 700P3430009, Rev A), compliance has been demonstrated with 14 CFR Part 25, Paragraph 25.773 at Amendment 25-144.

中国民用航空局附加技术条件: /CAAC Additional Technical Conditions:

除了第 1 部分列出的 CAAC 附加技术条件之外, 交付到中国的每一架 BD-700-2A12 (Global 7500) 飞机还须满足下述附加技术条件:

In spite of the technical Conditions listed in Section 1(CAAC special requirements), each of Model BD-700-2A12(Global 7500) aircraft delivered to China shall meet the following Additional Technical Conditions:

- (1) CCAR 26 的适应部分-运输类飞机的持续适航与安全改进 (相当于 14 CFR 26 部 第 4 修正案)

Applicable part of CCAR26 - Continued Airworthiness and Safety Improvements for Transport Category Airplanes (Equivalent to 14 CFR Part 26, Amendment 4)

- (2) 必须符合 CAAC 文件 (CAO No.2012-30) “运输类飞机点火源防护的追溯性要求”。

The CAAC document (CAO No. 2012-30) “The Retroactive Requirements for Transport Category Airplanes Ignition Source Protection” shall be complied with.

- (3) 根据中国民用航空局的适航指令 CAD2021-MULT-80, 对于飞机便携式灭火器中哈龙气体的更换要求必须符合。

Per CAAC Airworthiness Directive CAD2021-MULT-80, the requirements about agent replace of Halon for aircraft

portable fire extinguisher shall be complied with.

IV. 技术特征和使用限制/Technical Characteristics and Operational Limitations

型号设计定义/Type Design Definition:

经批准的型号设计在文件 RAO-BA700-049（版本 B 或后续批准的修订版本）中定义。/ The approved type design is defined in the document RAO-BA700-049 Rev. B or later approved revisions.

对于每一架特定 BD-700-2A12 飞机的“用于交付”构型，其适用的业经批准的型号设计在文件 RAL-BA700-XXXXX(XXXXX 表示该飞机的序列号)中定义。/ The approved type design number appropriate for the “as delivered” configuration of a particular BD-700-2A12 aircraft is defined in the document RAL-700-XXXXX (XXXXX denotes the serial number for the aircraft concerned).

发动机/Engines:

两台通用电气 Passport 20-19BB1A 发动机（型号认可证编号：VTC0384E，型号认可证数据单版次 0）

Two General Electric Passport 20-19BB1A (VTC No. VTC0384E, The Validation Data Sheet Revision 0)

燃油/Fuel:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

发动机运行限制/Engine Operating Limits:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

辅助动力装置/APU:

赛峰 SPU300[BA]/Safran SPU300[BA]

空速限制(IAS)/Airspeed Limits(IAS):

	节/Knots	马赫数/Mach
V _{mo} 和/and M _{mo}		
海平面至8000英尺/ Sea Level to 8,000 ft	300	-
10,000英尺至16,000英尺/ 10,000 ft to 16,000 ft	335	-
20,000 英尺至35,000英尺/ 20,000 ft to 35,000 ft	320	-
@ 35,000英尺/ ft	-	0.925
@ 51,000英尺/ft	-	0.925

	节/Knots	马赫数/Mach
V_{fe}		
Flap 1	225	-
Flap 2	210	-
Flap 3	210	-
Flap 4	185	-
V_{fc} / M_{fc}		
10,000英尺至16,000英尺/ 10,000 ft to 16,000 ft	353	
20,000 英尺至35,000英尺/ 20,000 ft to 35,000 ft	338	
@ 51,000英尺/ft	-	0.947
V_d / M_d		
海平面至16,000英尺/ Sea Level to 16,000 ft	370	-
20,000 英尺至34,000英尺/ 20,000 ft to 34,000 ft	355	-
34,000 英尺至51,000英尺/ 34,000 ft to 51,000 ft	-	0.995

 V_a (机动/Manoeuvring)

关于 V_a 随高度和飞机重量的变化，参见飞机飞行手册。/See Aircraft Flight Manual (AFM) for variation of V_a with altitude and aircraft weight.

	节/Knots	马赫数/Mach
V_{mca}		
Flap 2	100	-
Flap 3	98	-
V_{mcl}		
Flap 2	103	-
Flap 3	98	-
Flap 4	96	-
V_{mcg}		
Flap 2	105.6	-
Flap 3	105.6	-
V_{LO}	200	-
V_{LE}	250	-

重心限制/ CG Limit:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

基准/Datum:

FS 0.0 位于称重基准前方 397.5 英寸处。称重基准标注在机翼整流罩前方 FS 397.5 处的底板的飞机机身中心线上。

FS 0.0 is located at 397.5 inches forward of the weighing datum. The weighing datum is marked on a plate forward of the wing fairing on the bottom of the fuselage on the aircraft center-line at FS 397.5.

滑油/Oil:

请参阅批准的持续适航文件中列出的适用的飞机维修手册。

See applicable AMP as listed in Instructions for Continued Airworthiness.

水平测量方法/Leveling Means:

通过在机身站位（FS）962.73 处后设备舱内的铅锤和标度盘，来进行纵轴和横轴方向的飞机水平测量。

The aircraft is levelled in the longitudinal and lateral axes by means of a plumb bob and target in the aft equipment bay at Fuselage Station (FS) 962.73.

最大重量/Maximum Weights:

	千克/kg	磅/lb
最大停机/Max. Ramp	52,208	115,100
最大起飞/Max. Takeoff	52,095	114,850
最大着陆/Max. Landing	39,735	87,600
最大零燃油/Max. Zero Fuel	30,617	67,500

对于其他重量限制和航空器适用范围，请参阅批准的出版物中列出的适用飞机飞行手册（AFM）。

See applicable Aircraft Flight Manual (AFM), as listed in Approved Publications, for other weight limitations and aircraft eligibility.

最小机组/Minimum Crew:

2 (机长和副驾驶/Pilot and Co-Pilot)

最大载客量(参见注释 1)/Maximum Occupants(See Note 1):

22 (包括机组人员和不超过 19 名旅客/including the crew and no more than 19 passengers).

最大行李/Maximum Baggage:

绿飞机不包括行李/货舱。/The green aircraft does not include baggage/cargo compartments.

燃油量/Fuel Capacity:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

滑油量/Oil Capacity:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

最大运行高度/Maximum Operating Altitude:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

外界大气温度限制/Outside Air Temperature Limits:

请参阅批准的出版物中列出的适用的飞机飞行手册。

See applicable AFM as listed in Approved Publications.

增压状态/Pressurization Status

增压/Pressurized

适用的序列号/Serial Numbers Eligible:

70005 及后续编号（参见注释 5）/70005 and subsequent (See NOTE 5)

设备/Equipment:

适用的适航规章里所要求的基本设备（见审定基础）必须安装在飞机上。

The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the aircraft for certification.

标牌/Placards:

标牌必须按照庞巴迪图纸 G05318400, G01100006, G05378400, G05387700, G05387900, G05700014, G05313290, G05217000, G05290700, G00693181, G05290800, G00611121 和 G00611122 安装。/Placards must be installed in accordance with Bombardier Drawings G05318400, G01100006, G05378400, G05387700, G05387900, G05700014, G05313290, G05217000, G05290700, G00693181, G05290800, G00611121 and G00611122.

上述图纸仅用于基本的型号审定。对于“交付”的飞机配置，请参考 RAL-BA700-XXXXXX（XXXXXX 表示飞机序列号）。/Drawings noted above are for basic type certification only. For “as-delivered” aircraft configurations, refer to RAL-BA700-XXXXXX (XXXXXX denotes the aircraft serial number).

V. 运行及服务信息/Operating and Service Information:

飞行手册 (AFM)

参照相关经批准的飞行手册

Airplane Flight Manual (AFM)

Refer to relevant approved Airplane Flight Manual

VI. 批准的技术资料/Approved Technical Documents

批准的出版物/Approved Publications

飞机飞行手册 (AFM), 庞巴迪出版物编号 CSP 700-7000-1 版本 BASIC, 文件编号 GL 7500 AFM 及后续批准的修订版。/ Aircraft Flight Manual (AFM), Bombardier Publication Number CSP 700-7000-1 Rev. BASIC with Document Identification Number GL 7500 AFM and subsequent approved revisions.

适航限制项目出版物, 庞巴迪出版物编号 BD700-3AB48-11400-01 版本 001, 文件编号 GL 7500 AWL 及后续批准的修订版。/ Airworthiness Limitations Publication, Bombardier Publication BD700-3AB48-11400-01 Rev. 001 -- with Document Identification Number GL 7500 AWL and subsequent approved revisions.

持续适航文件/Instructions for Continued Airworthiness:

持续适航文件包含飞机维修出版物 (AMP) BD700-3AB48-10200-00 (参见持续适航文件——适用规范与文件清单, 数据模块 BD700-A-J00-00-00-00AAA-00VA-A) 中列出的出版物, 文件编号为 GL 7500 AMP。/ The Instructions for Continued Airworthiness consist of Publications listed in the Aircraft Maintenance Publication (AMP) BD700-3AB48-10200-00 (see Instructions for Continued Airworthiness – List of Applicable Specifications and Documentation, Data Module BD700-A-J00-00-00-00AAA-00VA-A) with Document Identification Number GL 7500 AMP.

注释/Notes

- 注释/NOTE 1: 绿飞机型号设计不包括乘客设施。当航空器依照审定基础安装了经批准的座椅布置和相关必要的乘客设施后, 客舱允许载人。
The green aircraft type design configuration does not include passenger provisions. Carriage of persons in the cabin is permitted when an approved seating arrangement and related required passenger provisions are incorporated in accordance with the Certification Basis.
- 注释/NOTE 2: 必须为每架飞机在获得适航证时提供一份现行有效的重量平衡报告, 必要时包括审定空重中包含的设备清单和装载程序。
Current weight and balance report including the list of equipment included in the certificated empty weight, and loading instructions when necessary, must be provided for each aircraft at the time of original certification.
- 注释/NOTE 3: 将系统管道和油箱填充到不可排放的高度所需的燃油量以及油箱中无法使用的燃油量(在燃油容量章节中已定义)必须包含在空重中。
The amount of fuel required to fill the system plumbing and tanks to the undrainable level plus unusable fuel in the fuel tanks as defined in the Fuel Capacity section must be included in the empty weight.

- 注释/NOTE 4: 庞巴迪报告 RAO-BA700-048（符合性完成检查单）为完工中心提供了关于 BD-700-2A12 内部完工的可依据的审定基础的指导。该指南包括一份符合性检查单，注明任何适用的条件或注意事项，确认是否：
- BA report RAO-BA700-048 (Completion Compliance Checklist) provides guidance to completion centers regarding compliance with the certification basis for the BD-700-2A12 with a completed interior. This guidance includes a Compliance Checklist, noting any applicable conditions or considerations, confirming if:
- 绿皮飞机的符合性已被证明。/ Compliance has been demonstrated for the green aircraft.
 - 绿皮飞机对要求的符合性是有效的。/ Compliance with a requirement is limited for the green aircraft.
 - 完工中心必须解决符合性问题（不适用于绿皮飞机的型号设计）。/ Compliance must be addressed by the Completion Centre (N/A to the green aircraft type design).
- 庞巴迪报告 RAZ-BA700-115（完工中心手册）中提供了进一步的指导，其中将包括详细的安装和接口数据以及相关限制。该手册包含相关数据，以支持完工中心了解 STC 批准所需的符合性活动的范围。
- Further guidance is available in BA report RAZ-BA700-115 (Completion Center Handbook) which will include detailed installation and interface data with associated limitations. The handbook contains relevant data to support completion centers understanding of the scope of the compliance activities necessary for STC approval.
- 注释/NOTE 5: 环球 7500（之前称为环球 7000）是 BD-700-2A12 飞机序列号 70005 及后续编号的商业名称。/ Global 7500 (previously known as Global 7000) is a marketing designation for the BD-700-2A12 aircraft serial numbers 70005 and subsequent.
- 注释/NOTE 6: BD-700-2A12 的审定基础包括适航专用条件 SCA 2018-03 “不可充电锂电池和电池系统”。该专用条件适用于 2018 年 9 月 27 日之后申请的设计变更。
- The Certification Basis of the BD-700-2A12 includes Special Condition Airworthiness SCA 2018-03, “Non-Rechargeable Lithium Batteries and Battery Systems”. This special condition is applicable to design changes applied for after September 27, 2018.

第 3 部分 管理信息

SECTION 3 ADMINISTRATIVE INFORMATION

I. 型号认证持有人记录/ Validation of Type Certificate Holder Record

序号 No.	时间 Time	持证人名称 Name of Validation of Type Certificate Holder
1	2010年6月24日之后 After June 24, 2010	庞巴迪公司/Bombardier Inc.

--结束--

--END--