

型号认可证数据单
THE VALIDATION DATA SHEET

编号/No: VTC0383A
版次/Revision: 1
型号/Type: H160
型别/Model: H160-B

批准人/Approved By:



职务/Title: Deputy Director General
日期/Date: 2025 年 12 月 1 日

本数据单是型号认可证（编号：VTC0383A）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 part of Validation of Type Certificate (No: VTC0383A), 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:

空中客车直升机公司/Airbus Helicopters
Aéroport International Marseille-Provence
13725 MARIGNANE CEDEX
France.

第 1 部分 概述

SECTION 1 General

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	VTC0383A, 版次 1 2025 年 12 月 1 日 VTC0383A; Revision 1, Date of Issue: 2025-12-01	EASA.R.516, Issue 5 22 April 2025
历史 History	VTC0383A, 版次0 2025年03月31日 VTC0383A; Revision 0, Date of Issue: 2025-03-31	EASA.R.516, Issue 4 2 February 2023

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	相对上一版的修订记录 Change Record	备注 Remark
版次 1/Rev 1	1.更新第 2 部分第 3 节尺寸：机身宽度和高度值勘误。 Dimensions of 3 in SECTION 2 has been updated: - Corrected Fuselage Width and Height values. 2.更新第 2 部分第 3 节液体中滑油： 删除发动机润滑油表格、主减速器润滑油表格、尾减速器润滑油表格和液压油内容，增加“参见批准的飞行手册”。 Fluids of 3 in SECTION 2 has been updated: - Deleted Engine lubricants table,MGB lubricants table and TGB lubricants table and Hydraulic fluids section. - Added “Refer to approved RFM ”. 3.更新第 2 部分第 3 节运行限制：将“在未安装进气道过滤器的情况下，禁止雪中飞行”改为“雪中飞行参见飞行手册”。 Operating Limitations of 3 in SECTION 2 has been updated: Change “Flight in falling and blowing snow without inlet barrier filter installed is prohibited” to “Flight in falling and blowing snow:Refer to rotorcraft flight manual”. 4.增加第 3 部分管理信息。 Add Section 3 ADMINISTRATIVE INFORMATION.	

版次 0/Rev 0	首次发布 First Issue	
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2.适航类别/Airworthiness Category:

A 类及 B 类运输类旋翼航空器/Large Rotorcraft,
Category A and B

3.认可当局/Validation Authority:

中国民用航空局/CAAC

审定当局/Certifying Authority:

欧盟航空安全局/EASA

4.型号合格证持有人/Type Certificate Holder:

Airbus Helicopters

Aéroport International Marseille – Provence

13725 Marignane CEDEX France

5.生产制造商/Manufacturer:

Airbus Helicopters

Aéroport International Marseille – Provence

13725 Marignane CEDEX France.

第 2 部分 数据 (型别: H160-B)

SECTION 2 DATA (Models: H160-B)

1. 产品型别和批准日期/Model and Approval Date:

型别 MODEL	申请日期 APPLICATION DATE	批准日期 APPROVAL DATE	类别 CATEGORY
H160-B	2012年11月16日 16 November 2012	2020年7月1日 1 July 2020	A类及B类运输类旋翼航空器 Large Rotorcraft, Category A and B

2. 认可审定基础和生产依据/Validation Certification Basis and Production Basis:

2.1 CAAC适用的适航标准/CAAC applicable airworthiness codes

EASA确定的有效审定申请之日有效的CAAC适用适航标准为CCAR-29-R1。

The applicable airworthiness codes in effect on the effective certification date established by EASA is CCAR-29-R1.

2.2 CAAC适用的环境保护标准/CAAC applicable environmental protection requirements

申请型号认可之日适用的CAAC环境保护要求为CCAR-36-R2和CCAR-34。

The CAAC applicable environmental protection requirements in effect on the date of application for validation to the CAAC are CCAR-36-R2 and CCAR-34 original issue.

2.3 等效安全、豁免、专用条件/Equivalent Level Of Safety, Exemptions, Special Conditions

(a) 适用的豁免/Applicable exemptions as follow:

- E-026 H160-B直升机对第29.865(a)、29.1301(d)、29.1309(a)(b)款要求的临时豁免
- E-026 Temporary exemption about 29.865 (a), 29.1301 (d), 29.1309 (a), (b) for H160-B helicopter

(b) 适用的等效安全/Applicable ELOS as follow:

- ELOS-29-001 发动机训练模式
- ELOS-29-002 可用燃油流量表
- ELOS-29-003 空速表、动力装置仪表绿色弧线
- ELOS-29-004 雷暴灯
- ELOS-29-005 备用仪表独立电源
- ELOS-29-006 乘客应急出口 (非机身侧面)
- ELOS-29-007 乘客应急出口
- ELOS-29-008 点火开关
- ELOS-29-009 多用途灭火系统
- ELOS-29-010 火警探测系统
- ELOS-29-011 水上迫降旅客应急出口
- ELOS-29-012 直升机参数非全时显示
- ELOS-29-013 直升机侧翻时使用机组应急出口撤离
- ELOS-29-001 Engine Training Mode
- ELOS-29-002 Usable fuel capacity marking
- ELOS-29-003 Airspeed and Powerplant indicators green arcs

- ELOS-29-004 Thunderstorm Lights
- ELOS-29-005 Independent Power Source for Standby Attitude Instrument
- ELOS-29-006 Passenger emergency exits / other than side-of-fuselage
- ELOS-29-007 Passenger emergency exits
- ELOS-29-008 Ignition Switches
- ELOS-29-009 Multipurpose Fire Extinguishing System
- ELOS-29-010 Fire detection electrical circuit testability
- ELOS-29-011 Ditching emergency exit for passengers
- ELOS-29-012 Part time display of vehicle parameters.
- ELOS-29-013 Use of flight crew emergency exits for passenger evacuation with the rotorcraft on its side.

(c) 适用的专用条件/Applicable Special Conditions as follow:

- SC-29-02 H160-B直升机高强度辐射场(HIRF)防护
- SC-29-03 H160-B直升机不可充电锂电池
- SC-29-04 H160-B型直升机AEO 30分钟功率状态
- SC-29-05 H160-B直升机网络安全
- SC-29-02 Protection from the effects of High Intensity Radiated Fields (HIRF)
- SC-29-03 Non-rechargeable Lithium Battery
- SC-29-04 H160-B helicopter AEO 30 minutes power rating
- SC-29-05 Cyber Security

2.4 CAAC附加技术条件(ATC)/Additional Technical Conditions (hereinafter, simplified as “ATC”) prescribed by CAAC

每一架交付中国用户的H160-B直升机应满足如下CAAC附加技术条件/Each of Model H160-B rotorcraft delivered to China shall meet the following Additional Technical Conditions:

(a) ATC1. 根据CCAR21.29 (五), 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应当至少有中文表述; 机上所有向旅客或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应当至少有中文表述; 旅客可能使用的机上所有应急设备的操作、使用说明应当至少有中文表述。

(a) ATC1. As per CCAR 21.29(5), all literal markings and placards on H160-B used for advising, warning and notifying passengers must be at least in Chinese. All literal markings and placards on H160-B used for indicating passengers or outboard rescue personnel of the location of emergency exits and doors and their means of opening must be at least in Chinese, and all operation instructions of H160-B emergency equipment that may be used by passengers must be at least in Chinese.

(b) ATC2. 当使用3号喷气燃料(符合中华人民共和国国家标准 GB 6537-2018)时, 必须对H160-B的燃油系统进行性能评估。证明性能符合要求的数据必须在它投入中国运行前提供给EASA批准。

(b) ATC2. The fuel system of H160-B must be evaluated to demonstrate the satisfactory performance when using No.3 Jet Fuel (conforming to P.R.C National Standard GB 6537-2018). The data demonstrating satisfactory performance must be provide to the EASA for approval before its operation in China.

(c) ATC3. 2021年11月25日, CAAC颁发了适航指令“航空器手提式灭火器使用替代哈龙的灭火剂(CAD2021-MULT-80)”, 适用于“2018年12月31日后向中国民航局申请国籍登记并首次申请中国民航局适航证的航空器”。根据该AD的要求, H160-B直升机配置的手提式气体灭火器所使用的灭火剂必须符合《国际民用航空公约》附件6的相关要求。

(c) ATC3. On November 25, 2021, CAAC issued the Airworthiness Directive "Agent replace of Halon for aircraft portable fire extinguisher (CAD2021-MULT-80)", which applies to "Aircraft applied to CAAC for nationality registration and first applied to CAAC for airworthiness certificate after 31 December 2018". According to the

requirements of the AD, the extinguishing agent used in the portable fire extinguisher equipped with the H160-B helicopter shall meet the relevant requirements of Annex 6 to the Convention on International Civil Aviation.

2.5 选择符合/Elected to Comply

Airbus Helicopters (AH) 选择符合CCAR-29-R2如下条款: 29.173, 29.175, 29.571 & 29.573。

Airbus Helicopters (AH) elects to comply with the paragraphs 29.173, 29.175, 29.571 & 29.573 of CCAR-29-R2.

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

型号设计定义/Type Design definition:

U000A2711E01 H160-B TYPE DESIGN DEFINITION FOR China (CAAC) - Issue B, and subsequent issues

描述/Description:

传统构型的中型双发运输类直升机

主旋翼:	球柔性, 5片桨叶
尾旋翼:	涵道尾桨, 10片桨叶
机身:	复合材料结构
起落架:	三点可收放式
操纵系统:	机械液压驱动
动力装置:	2台独立自由式涡轮发动机
Medium twin-engine passenger transport helicopter, conventional configuration	
Main rotor:	Spheriflex, 5 blades
Tail rotor:	Fenestron ducted tail rotor, 10 blades
Fuselage:	Composite structure
Landing gear:	Tricycle retractable
Control system:	Mechanical with hydraulic actuation
Powerplant:	2 independent freewheel turbines engines

设备/Equipment:

表明符合认可审定基础所必须的以及在型号设计定义文件中列出的设备

As required by compliance with the Validation Basis and listed in the Type Design Definition documents

尺寸/Dimensions:

机身/Fuselage:

长/Length:	13.96 m
宽/Width:	3.55 m
高/Height:	4.92 m

主旋翼直径/Main Rotor Diameter:

13.40 m

尾旋翼直径/Tail Rotor Diameter:

1.20 m

发动机/Engine:

2台Safran Helicopter Engines的ARRANO 1 Series / ARRANO 1A发动机
 EASA型号合格证/数据单编号: EASA.E.095
 CAAC型号认可证编号: VTC0382E, VTCDS版本: 0
 Safran Helicopter Engines
 2 x ARRANO 1 Series / ARRANO 1A
 EASA TC/TCDS No: EASA.E.095
 CAAC VTC Number: VTC0382E, VTCDS revision 0

限制/Limitations:

发动机限制和变速器扭矩限制 (见注释6) /Engine Limitations and Transmission Torque Limits (see Note 6.)

	主减速器输入扭矩限制/ Torque limits at MBG input	燃气发生器转速/ Gas generator rpm	工作温度/ Temperature TOT [°C]
全发瞬态 (20秒) / AEO 20 sec transient	108%	46 550 (105.5%)	934
全发起飞 (30分钟) / Take-off / 30-min AEO	100% up to Vy+10 KIAS 93.7% above Vy+ 30 kts	45 910 (104.0%)	912
全发最大连续功率/ AEO-MCP	93.6%	45 470 (103.0%)	886
单发 (30秒) / OEI (30 sec)	145% (72.5% at output level)	47 590 (107.8%)	991
单发 (2分钟) / OEI (2 min)	127.5% (63.8% at output level)	46 620 (105.6%)	957
单发无限制/ OEI CT	112.1% (56.0% at output level)	46 130 (104.5%)	914

其它发动机和传动扭矩限制/Other
 Engine and Transmission Torque Limits

参考经批准的飞行手册/ Refer to approved RFM

液体/Fluids:

燃油/Fuel:

JET A, JET A-1, JP-8, JP8+100, JP-5, 3号喷气燃料, TS-1 (TC-1) / RT(PT)
 有关代码编号、规范和更多详细信息, 参见批准的飞行手册
 有关授权的替代燃油, 参见批准的飞行手册
 JET A, JET A-1, JP-8, JP8+100, JP-5, No.3 Jet Fuel, TS-1 (TC-1) / RT(PT)
 For code No., specifications and more details refer to approved RFM
 For alternative authorised fuels refer to approved RFM

添加剂/Additives:

参见批准的飞行手册
 Refer to approved RFM

滑油/Oil:

参见批准的飞行手册

Refer to approved RFM

液体容量/Fluid capacities:

燃油/Fuel:

最大可用燃油容量/Max usable fuel capacity	1440 升/litres
不可用燃油量/Unusable fuel	9.9 升/litres

滑油/Oil:

发动机（每个）/Engine (each)	5.8 升/litres
主减速器/MGB	24 升/litres
尾减速器/TGB	0.5 升/litres

液压系统/Hydraulic system	左回路/Left circuit: 5.1 升/litres
	右回路/Right circuit: 5.3 升/litres

空速限制/Air Speed Limitations:

$V_{NE\ PWR\ ON} = 170\text{KIAS}$ ，最高至压力高度 5000 英尺
对随高度变化而减小的 V_{NE} ，参考经批准的飞行手册

$V_{NE\ OEI} = V_{NE\ PWR\ OFF} = V_{NE\ PWR\ ON} - 35\text{ KIAS}$

其它速度限制参考经批准的飞行手册

$V_{NE\ PWR\ ON} = 170\text{ KIAS up to }5\ 000\text{ ft PA}$

For reduction of V_{NE} with altitude refer to approved RFM

$V_{NE\ OEI} = V_{NE\ PWR\ OFF} = V_{NE\ PWR\ ON} - 35\text{ KIAS}$

For other speed limitations refer to approved RFM

旋翼转速限制/Rotor Speed Limitations :

有动力/Power on:

双发时 NR 调节范围/NR regulated range AEO:	96.0-105.3% (308.7-338.6 rpm)
参考/Reference	100.0% (321.6 rpm)
最大连续/Maximum CT	107.8% (346.7 rpm)
双发最小连续/Minimum CT AEO	92.0% (295.9 rpm)
单发最小连续/Minimum CT OEI	95.5% (307.1 rpm)
最小瞬态/Minimum transient	83.0% (266.9 rpm)

无动力/Power off

最大瞬态/Maximum transient	117.0% (376.3 rpm)
最大连续/Maximum CT	109.8% (353.1 rpm)
最小连续/Minimum CT	92.0% (295.9 rpm)
最小瞬态/Minimum transient	83.0% (266.9 rpm)

最大运行高度和温度/Maximum Operating Altitude and Temperature:

高度/Altitude:

飞行高度: 气压高度-1500 英尺到+20000 英尺

起飞/着陆高度:

最低: 压力高度-1500 英尺和密度高度-4600 英尺

最高:

B 类: 密度高度 13000 英尺

A 类净空: 密度高度 12500 英尺

Flight altitude:-1 500 ft to +20 000 ft PA

Take-off and landing altitude:

Minimum: -1 500 ft PA and -4 600ft DA

Maximum:

Category B: 13 000 ft DA

Category A clear area: 12 500 ft DA

温度/Temperature:

-20°C 到 ISA +37°C 限制到+50°C

-20°C to ISA+37°C limited to +50°C

运行限制/Operating Limitations:

非结冰条件下昼夜间目视飞行和仪表飞行

雪中飞行参见飞行手册

VFR day and night and IFR in non-icing conditions

Flight in falling and blowing snow:Refer to rotorcraft flight manual

最大重量/Maximum Mass:

飞行中: 6050 公斤

地面: 6100 公斤

in-flight: 6050 kg

on-ground: 6100 kg

重心范围/Centre of Gravity Range:

纵向重心限制/Longitudinal C.G. limits	
最大前限/maximum forward limit	
重量 5300kg 时/at 5300 kg	基准面后 5092mm/5092 mm aft of DP
重量 6050kg 时/at 6050 kg	基准面后 5130mm/5130 mm aft of DP
最大后限/maximum rearward limit	
重量 4500kg 时/at 4500 kg	基准面后 5390mm/5390 mm aft of DP
重量 6050kg 时/at 6050 kg	基准面后 5287mm/5287 mm aft of DP
横向重心限制/Lateral C.G Limits	
最大右/左偏差/maximum deviation on right / left	
重量 5500kg 时/at 5500 kg	65mm
重量 6050kg 时/at 6050 kg	20mm

详细数据参见批准的飞行手册

For detailed data refer to approved RFM

基准/Datum:

纵向: 基准面 (STA0) 位于主旋翼中心线前 5217 毫米处

横向: 机身对称面

Longitudinal: the datum plane (STA 0) is located at 5217 mm forward of main rotor centre

line

Lateral: fuselage symmetry plane

水平测量方法/Levelling Means:

水平参考标记在主减平台的左侧，靠近机身 3 框和 4 框之间的主减速器

Levelling reference marking on upper deck on LH side near to MGB between frames 3 and 4

最小飞行机组/Minimum Flight Crew:

目视飞行: 1 个驾驶员 (右座)

仪表飞行: 1 个驾驶员 (右座)

VFR: 1 pilot (right seat)

IFR: 1 pilot (right seat)

最大乘员数量/Maximum Number of People on Board:

14 个 (包括飞行机组) /14 (including Flight Crew)

乘客应急出口/Passenger Emergency Exit:

6 个出口，排布如下:

驾驶舱每侧 1 个出口

客舱每侧 2 个出口 (见注释 4)

6 exits, of which are

1 exit on each side of the cockpit

2 exits on each side of the passenger cabin (see Note 4)

最大行李/货物承载/Maximum Baggage/ Cargo Loads:

货舱地板最大承载: 300 公斤

(安装选装的货物延伸装置并使用批准的强制约束网时为 330 公斤)

货舱地板最大单位承载: 300 公斤/平方米

补充限制和特定负载条件见经批准的飞行手册

Cargo floor max load: 300 kg

(330 kg with the optional cargo extension installed and with mandatory approved restraint nets)

Cargo floor max unit load: 300 kg/m²

For complementary limitations and specific loading conditions refer to approved RFM

旋翼桨叶操纵移动范围/Rotor Blade Control Movement:

有关调整信息，参见维护手册

For rigging information refer to Maintenance Manual

寿命件/Life-limited Parts:

参见批准的适航限制章

Refer to approved ALS

机轮和轮胎/Wheels and Tyres:

	机轮/Wheels	轮胎/Tyres
前/nose	C20727100	5.00-5 / 8 PR with P/N 021-310-0
主/main	C20781200	17,5x5,75-8 / 12 PR with P/N 178K23-5

4. 使用和维护说明/Operating and Service Instructions

飞行手册/Flight Manual:

e-RFM
数据文件/data file(s)
AIRCREW H160-000, 日期为 2020 年 6 月 25 日 (2020 年 7 月 1 日 EASA 批准, 或后续经批准版本) AIRCREW H160-000, dated 25 June 2020 (EASA approved 1 July 2020, or later approved versions)
软件/software applications
● HCrew v1.0.0, 2020 年 7 月 1 日 EASA 批准, 或后续批准版本/ HCrew v1.0.0, EASA-approved 1 July 2020, or subsequent approved versions ● H160 Flight Perfo v3.0.0, 2020 年 7 月 1 日 EASA 批准, 或后续批准版本/ H160 Flight Perfo v3.0.0, EASA-approved 1 July 2020, or subsequent approved versions
有关授权的 e-RFM 主平台和安装信息, 请参见 “H160 c-RFM 安装指南”, Airbus Helicopters 文件号 TN U000A1570E01, 版本 E, 或后续修订版。 不允许在指定主平台以外的其它平台上使用 e-RFM 软件应用。 For authorised e-RFM host platforms and installation information refer to ‘H160 c-RFM Installation Guide’, Airbus Helicopters document ref. TN U000A1570E01 issue E, or later revisions. The use of e-RFM software applications on other host platforms than those specified in the above document is not allowed.
纸质版飞行手册/ Paper format RFM
H160-B 直升机飞行手册, 第 1 版, 日期为 2020 年 6 月 25 日, 2020 年 7 月 1 日 EASA 批准, 或后续批准版本。 Rotorcraft Flight Manual H160-B, first issue, dated 25 June 2020, EASA-approved 1 July 2020, or later approved revisions.

维护手册/Maintenance Manual:

H160-B 适航限制章, 日期为 2020 年 6 月 15 日, 版本 000, 2020 年 7 月 1 日 EASA 批准, 或后续批准版本/Airworthiness Limitations Section H160-B, issue dated 15 June 2020, Revision 000, EASA-approved 1 July 2020, or later approved revisions

H160 维护服务手册和 H160 维护手册/ Maintenance Servicing Manual H160 and Aircraft Maintenance Manual H160

结构修理手册/Structural Repair Manual:

H160 结构修理手册/ Structural Repair Manual H160

重量和平衡手册/Weight and Balance Manual:

补充飞行手册的第 6 章

Section 6 of Complementary RFM

图解零件目录/Illustrated Parts Catalogue:

H160 图解零件目录

Illustrated Parts Catalogue H160

其他手册 Miscellaneous Manuals:

无/ None

服务信函和服务通报/Service Letters and Service Bulletins:

Airbus Helicopters 发布的 H160 安全信息通告、信息通告、紧急服务通报、服务通报、修理设计批准单

Safety Information Notices, Information Notices, Alert Service Bulletins, Service Bulletins, Repair Design Approval Sheets H160, as published by Airbus Helicopters

要求的设备/Required Equipment:

符合认可审定基础和型号设计定义文件要求。

参考经批准的飞行手册。

As per compliance with Validation Basis and in accordance with Type Design Definition.

Refer to approved RFM.

5. 经批准的中文标记标牌/ The Approved Chinese Placards

以下资料中所包含的中文标记标牌已由 CAAC 接受并由 EASA 批准:

The Chinese Placards involved in the following data have been accepted by CAAC and approved by EASA:

序号 Code	标题 Title	编号 Number	版本 Rev.
1	H160 Chinese Basic Markings And Placards Descriptive Document	U110A0011E01_TN	F

6. 进口要求/Import Requirement

为具备在中国运行的资格,按本型号认可证制造的每架航空器必须具有一份出口适航证,其上签注有出口国适航当局的审定声明,即:本架航空器符合CAAC所批准的型号设计,并处于可安全运行的状态。

To be considered eligible for operation in China, each aircraft manufactured under this Validation of Type Certificate must be accompanied by a certificate of airworthiness for export endorsed by Export Authority which states (in English language): This aircraft conforms to its CAAC type design and is in a condition for safe operation.

7. 注释/Notes

- 注释/NOTE 1. 制造商有效序列号: s/n 1002 及以后
Manufacturer's eligible serial numbers: s/n 1002, and subsequent.
- 注释/NOTE 2. 经审定的选装包相对于基本型直升机都是独立批准的, 并包含在经批准的飞行手册中。
The certified optional installations are each approved independently of the basic helicopter and are part of the relevant approved RFM.
- 注释/NOTE 3. H160-B 按水上迫降审定, 其选装和运行程序定义在相关的经批准的飞行手册中。
The H160-B is certified for ditching with the optional installations and operating procedures as defined in approved RFM.
- 注释/NOTE 4. 乘客应急出口:
滑动门上的可抛放窗是客舱每侧 2 个独立出口之一, 已证明其等效于 29.807(a)(4)中规定的两个 IV 型乘客应急出口 (参见 ESF D-19/ELOS-29-007)。
Passenger Emergency Exits:
The Sliding Door Jettisonable Window, which is one of the 2 separate exits on each side of the passenger cabin, has been demonstrated to be equivalent to two Type IV emergency exits as specified in 29.807(a)(4) (ESF D-19/ELOS-29-007 refers).
- 注释/NOTE 5. 根据 2009 年 9 月 16 日欧洲议会和理事会关于消耗臭氧层物质的第 1005/2009 号法规 (称为臭氧法规), 哈龙替代适用性记录在“CRI A-04”中。根据 2021 年 11 月 25 日的 CAD2021-MULT-80, 哈龙替代适用性记录在 ATC3 和 IP G-1 中。
Halon replacement applicability, in reference to Regulation EC No. 1005 / 2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete ozone layer referred as Ozone Regulation, is recorded in ‘CRI A-04’. Halon replacement applicability, in reference to CAD2021-MULT-80 issued on November 25, 2021, is recorded in ATC3 and IP G-1.
- 注释/NOTE 6. 在发动机级别批准的辅助动力装置未在航空器级别获得批准。
The APU mode approved at engine level is not approved at aircraft level.
- 注释/NOTE 7. DEV D-23/E-26 仅适用于以下选项:
pop 2 绞车, 包括: ECP_H160.S01129、ECP_H160.S01130、ECP_H160.S01132、ECP_H160.S01133、ECP_H160.S01134、ECP_H160.S01135、ECP_H160.S01136、ECP_H160.S01137、ECP_H160.S01138、ECP_H160.S01141、ECP_H160.S01259、ECP_H160.S03563、ECP_H160.S03895、ECP_H160.S04278、ECP_H160.S04279、ECP_H160.S04390、ECP_H160.S04553、ECP_H160.S04998、ECP_H160.S05086、ECP_H160.S05163 和 ECP_H160.S05195

DEV D-23/E-26 is applicable only to the following options:
Single Hoist pop 2 including the following: ECP_H160.S01129, ECP_H160.S01130, ECP_H160.S01132, ECP_H160.S01133, ECP_H160.S01134, ECP_H160.S01135, ECP_H160.S01136, ECP_H160.S01137, ECP_H160.S01138, ECP_H160.S01141, ECP_H160.S01259, ECP_H160.S03563, ECP_H160.S03895, ECP_H160.S04278,

ECP_H160.S04279, ECP_H160.S04390, ECP_H160.S04553, ECP_H160.S04998,
ECP_H160.S05086, ECP_H160.S05163, and ECP_H160.S05195

注释/NOTE 8. 以下情况已证明直接符合 CS 29.1191, 无需 ESF E-35:

-改进扭矩管以提高防火性能, ECP_H160.S04920;

-改进发动机平台防火性能, ECP_H160.S05062。

For the following, direct compliance with CS 29.1191 was demonstrated without ESF E-35:

- Modification of torque-tube to improve fire protection, ECP_H160.S04920;

- Improvement of engine deck fire protection ECP_H160.S05062.

第 3 部分 管理信息

Section 3 ADMINISTRATIVE INFORMATION

1. 型号认可证持有人记录/ 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	2025年3月31日 March 31, 2025	空中客车直升机公司/Airbus Helicopters

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