

COOPERATION ARRANGEMENT
ON
AIRWORTHINESS MANAGEMENT OF
AVIATION FUEL AND CHEMICAL PRODUCTS
BETWEEN
CIVIL AVIATION ADMINISTRATION OF CHINA,
CIVIL AVIATION DEPARTMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION GOVERNMENT, CHINA, AND
CIVIL AVIATION AUTHORITY OF THE MACAO
SPECIAL ADMINISTRATIVE REGION, CHINA

The Civil Aviation Administration of China (CAAC), the Civil Aviation Department of the Hong Kong Special Administrative Region Government (HKCAD) and the Civil Aviation Authority of the Macao Special Administrative Region (AACM) (hereinafter referred to as the “Authority” or collectively the “Authorities”) are jointly committed to enhancing the level of regional aviation safety and promoting the coordinated development of the civil aviation industry. Recognising that the quality compliance of aviation fuel and chemical products has a significant impact to aviation operational safety, on the basis of equality and mutual benefit, the Authorities have reached agreement on the following:

1. General

1.1. Purpose

To enhance aviation safety and environmental protection, to promote exchanges and cooperation in the management of airworthiness certification of aviation fuel and chemical products between the Chinese mainland, Hong Kong and Macao, to jointly reduce the burden imposed on aviation manufacturing enterprises and operators by redundant technical evaluations, tests and inspections, and to jointly promote the sustainable development of the civil aviation industry.

1.2. Basis

This Cooperation Arrangement is developed in accordance with the provisions on technical exchanges and cooperation in the management of aviation fuel and chemical products set out in the *Memorandum of Understanding on Close Cooperation in Airworthiness Certification* signed by CAAC, HKCAD and AACM on 22 November 2024.

1.3. Objective

The objective of this Cooperation Arrangement is for the User Authority to accept the approval certificates and standards for aviation fuel and chemical products issued by

the Manufacturing Authority, and to establish a platform for exchanges and cooperation in the management of airworthiness certification of aviation fuel and chemical products.

1.4. Scope

This Cooperation Arrangement is applicable to the acceptance by HKCAD and AACM of the approval certificates related to aviation fuel and chemical products issued by CAAC.

1.5. Definitions

Manufacturing Authority means the authority that issues approval certificates related to aviation fuel and chemical products in accordance with the provisions of this Cooperation Arrangement.

User Authority means the authority that accepts approval certificates related to aviation fuel and chemical products in accordance with the provisions of this Cooperation Arrangement.

Chinese Technical Standard Order Authorization (CTSOA) means the design and production approval issued for the manufacturing civil aviation fuel in accordance with the Certification Requirements for Civil Aviation Products and Articles (CCAR-21) of CAAC.

Approval Letter for the Design and Production of Civil Aviation Chemical Products means the design and production approval issued for the production of civil aviation chemical products in accordance with the Airworthiness Management Requirements for Civil Aviation Chemical Products (CCAR-53) of CAAC.

Civil aviation fuel (aviation fuel) means special oil products that provide power, lubrication and energy conversion for civil aircraft and their components, which are compatible with various performance requirements of aircraft. This includes but not limited to aviation fuel, aviation lubricating oil, aviation grease, aviation hydraulic fluid and additives.

Civil aviation chemical products (aviation chemical products) means chemical products used in the production, operation, maintenance and repair of civil aeronautical products, including but not limited to de-icing/anti-icing fluids, toilet sanitisers, cleaning agents/waxes/powders, carbon deposit removal waxes/agents, paint removers, polishing waxes/agents, rust removers, air fresheners, insecticides, disinfectants, and deodorisers.

2. Acceptance of Approval Certificates Related to Aviation Fuel and Chemical Products

HKCAD and AACM accept the approval certificates related to aviation fuel and chemical products issued by the CAAC in accordance with the following regulations:

2.1. The Chinese Technical Standard Order Authorization (CTSOA) issued in accordance with the provisions of the Certification Requirements for Civil Aviation Products

and Articles (CCAR-21) regarding CTSOA, based on the review of the quality system and product performance of civil aviation fuel manufacturers.

2.2. The Approval Letter for the Design and Production of Aviation Chemical Products issued in accordance with the airworthiness management provisions for civil aviation chemical products in the Airworthiness Management Requirements for Civil Aviation Chemical Products (CCAR-53), based on the review of the quality system and product performance of civil aviation chemical product manufacturers.

Note: For any individual products mentioned above that require installation approval, the relevant airworthiness certification procedures shall be followed. The mutual acceptance of such aircraft installation approval may be referred to the *Cooperation Arrangement on Mutual Acceptance of Approvals of Design Change and Repair Design* among CAAC, HKCAD and AACM.

3. Sustainable Aviation Fuel

The Authorities shall jointly promote the application of sustainable aviation fuel, including but not limited to the utilisation targets, airworthiness certification, and research on processing technologies of sustainable aviation fuel.

4. Cooperation and Exchanges

4.1. Each Authority shall notify the other Authorities of any anticipated changes to the airworthiness certification regulations and procedures for aviation fuel and chemical products covered under this Cooperation Arrangement as soon as practicable.

4.2. CAAC shall organise training and technical exchange activities on the airworthiness management of aviation fuel and chemical products on a regular or irregular basis, and shall invite HKCAD, AACM and aviation industries in Hong Kong and Macao to participate.

5. Notification of Non-Compliance

In the event of any non-compliance in respect of aviation fuel and chemical products covered by this Cooperation Arrangement, each Authority shall:

5.1. notify the other Authorities of any confirmed serious non-compliance or unsafe conditions involving the holders of approval certificates related to aviation fuel and chemical products;

5.2. promptly notify the other Authorities in writing of any investigations or enforcement actions taken against the holders of approval certificates related to aviation fuel and chemical products accepted pursuant to this Cooperation Arrangement. Enforcement actions include revocation, suspension or change to the scope of approvals.

6. Confidentiality Requirements

Any information provided by one Authority to other Authorities, including but not limited to personal information, shall, in accordance with the provisions of this paragraph and its

applicable laws and regulations, be clearly indicated whether such information is sensitive or confidential and its level of sensitivity or confidentiality. Pursuant to the relevant laws and regulations, the Authority providing the information may impose restrictions on the use and disclosure of the information by the Authorities receiving it. The other Authorities receiving the information shall comply with the relevant laws and regulations, handle such information in a manner that takes into account its sensitivity or confidentiality, and shall not process personal information in violation of the applicable privacy laws.

7. Interpretation

Any disputed interpretations relating to this Cooperation Arrangement shall be resolved through consultation among the Authorities under the framework of Joint Certification Management.

8. Entry into Force and Termination

8.1. This Cooperation Arrangement shall enter into force on the date of signature and shall remain in force unless it is superseded by another agreement or terminated by a written notice from any one of the signing Authorities.

8.2. Any Authority may terminate this Cooperation Arrangement by giving a written notice to the other two Authorities. Such termination shall take effect 60 days after the date of the written notice.

9. Sign for Agreement

The foregoing provisions represent the agreement reached among the Authorities in respect of the matters referred to herein.

Signed in triplicate in the Hong Kong Special Administrative Region, China on 30 April 2026.

| For CAAC | For HKCAD | For AACM |
|----------------------|---------------------------------|-----------------|
| Capt. HU Zhen Jiang | Capt. Victor LIU | PUN Wa Kin |
| Deputy Administrator | Director-General Civil Aviation | President |