TECHNICAL ARRANGEMENT

FOR

DESIGN APPROVAL,

EXPORT AIRWORTHINESS CERTIFICATION,

POST DESIGN APPROVAL ACTIVITIES, AND

TECHNICAL ASSISTANCE INTERFACE

BETWEEN

THE CIVIL AVIATION ADMINISTRATION OF

CHINA (CAAC)

AND

MINISTRY OF CONSTRUCTION AND TRANSPORT, CIVIL

AVIATION AUTHORITY OF HUNGARY (HgCAA)

1. PREAMBLE

1.1. The purpose of this Technical Arrangement for Design Approval, Export Airworthiness Certification, post Design Approval Activities and Technical Assistance Interface (further referred to as Technical Arrangement) is to specify the process for acceptance of airworthiness certifications and design approvals, and provide technical assistance between the Civil Aviation Administration of China (CAAC) and the Civil Aviation Authority of Hungary, Ministry of Construction and Transport (HgCAA).

1.2. This Technical Arrangement is limited to the terms and conditions contained within.

1.3. HgCAA states that, at the level of Hungarian national legislation, its competence to conclude this Technical Arrangement lies in the following enabling legal provision:

- Act XCVII of 1995 on Aviation;
- 382/2016. (XII.2.) Government Decree on the Designation of Bodies Executing Authority Functions in connection with Transport Administration Tasks;
- 21/2015 (V.4.) Ministry of National Development Decree on the manufacture, construction and technical suitability of aircrafts,
- Act II of 2022 on the List of Ministries of Hungary
- 182/2022. (V.24.) Government Decree on the Functions and Powers of the Members of the Government.

1.4. CAAC states that its competence to conclude this Technical Arrangement lies in the following enabling legal provision:

- Civil Aviation Law of the People’s Republic of China;
- Regulations for Airworthiness of Civil Aircraft of the People’s Republic of China;
- Regulation on the Nationality Registration of Civil Aircraft of the People's Republic of China;
- Certification Requirements for Civil Aviation Products and Articles (CCAR-21).

2. GENERAL

2.1. CAAC and HgCAA, hereafter referred to in this Technical Arrangement, individually as “the Authority” or collectively as "the Authorities", mutually determine the following arrangements on design approval, export airworthiness certification, post design approval activities and technical assistance interface.

2.2. The Authorities shall act in accordance with this Technical Arrangement from the date on which it comes into effect.

2.3. The Authorities decide that all information, including technical documentation, exchanged or referenced under this Technical Arrangement will be in the English language and used only for the purpose of exercising/implementation of this Technical Arrangement.

3. DEFINITIONS

3.1. Within this Technical Arrangement, the following terms will have the meanings specified:

"Airworthiness Standards" means regulations governing the design and performance of civil aeronautical products, parts and appliances.

“Certificating Authority (CA)” means the HgCAA or the CAAC, as charged by their laws to fulfil the ICAO responsibilities as a State of Design to regulate the design, production, and airworthiness approval and environmental certification of civil aeronautical products, pars and appliances originated in their State.

"Compliance" means that the type design of civil aeronautical products, parts and appliances is found to comply with the specified airworthiness or environmental standards. Analysis or tests may be necessary to substantiate compliance.

"Conformity" means that the manufacturing, testing and installation of civil aeronautical products, parts and appliances are found to meet the approved type design.

“Environmental Standards” means regulations governing the certification of designs with regard to noise characteristics and exhaust emissions of civil aeronautical products, parts and appliances.

"Equivalent Level of Safety Finding" means a finding that alternative action taken provides a level of safety equal to that provided by the requirements for which equivalency is being sought.

"Exemption" means allowable non-compliance with a requirement when processed through the appropriate regulatory procedure, found to be in the public interest and found not to have an adverse effect on safety.

"Exporting Airworthiness Authority" means the organization within the Exporting State, charged by the laws of the Exporting State, to regulate the airworthiness and environmental certification, approval, or acceptance of civil aeronautical products, parts and appliances. The Exporting Airworthiness Authority will be referred to herein as the Exporting Authority.

"Importing Airworthiness Authority" means the organization within the Importing State, charged by the laws of the Importing State, to regulate the airworthiness and environmental certification, approval, or acceptance of civil aeronautical products,

parts and appliances. The Importing Airworthiness Authority will be referred to herein as the Importing Authority.

"Finding" means the result of a civil aviation authority's review, investigation, inspection, test, or analysis to determine compliance of a design with a law, regulation, standard, or requirement, or the conformity of a product with approved type design data.

"Modification" means change to the approved type design (construction, configuration, or performance), environmental characteristics, or operating limitations of the affected product.

"Supplemental Type Certificate" means a certificate issued when an applicant has received an Authority approval to modify a civil aeronautical product from its original design. The STC, which incorporates by reference the related Type Certificate, approves not only the modification but also how that modification affects the original design. If a person or organization does not hold the Type Certificate for a product and modifies that product by introducing a major change in type design that does not require an application for a new Type Certificate, that person or organization must apply to the Authority for an STC. A person or organization who holds the Type Certificate for the product can either apply for Supplement Type Certificate or Type Certificate amendment for their major modification.

"Manufacturer" means the person who is responsible for determining that all products, parts or appliances produced within the quality system conform to a CAAC or HgCAA approved design or established government or industry standard and are in a condition for safe operation.

"Person" means any individual, firm, partnership, corporation, company, association or governmental entity, and a trustee, receiver, assignee or other similar representative thereof.

"Production Quality System" means a systematic process which meets the requirements of the authority for the State of Manufacture and ensures that civil aeronautical products, parts and appliances will conform to the approved type design and will be in a condition for safe operation.

"Special Condition" means an additional airworthiness standard(s) prescribed by the airworthiness authority when the regulations for the product do not contain adequate or appropriate safety standards due to novel or unusual design features. Special Conditions contain such safety standards as the airworthiness authority find necessary to establish a level of safety equivalent to that established in the applicable regulations.

"Type Certificate" means an approval or other equivalent document issued as a result of Type Design Approval for an Aircraft, Engine or Propeller, including a Validation of Type Certificate.

"Type Design Approval" means the issuance of a certificate, approval or acceptance by, or on behalf of, an airworthiness authority for the type design of a product.

"Validation" means the Validating Authority's process for issuing an approval of a design certificated by the Certificating Authority.

“Validating Authority (VA)” means the HgCAA or the CAAC, who are charged by their laws to fulfil the ICAO responsibilities of a State of Registry (SoR) to regulate the design, production and airworthiness approval and environmental certification of civil aeronautical products, parts and appliances imported from the other.

"Export Certificate of Airworthiness" means a document issued by the Exporting Authority for an aircraft, as a statement by the exporting State confirming to the importing State the acceptable airworthiness status of the aircraft.

"Airworthiness Approval Tag / Authorized Release Certificate" means a document (CAAC Form AAC-038 or HgCAA Form 1) issued by an Authority or Production Organisation Approval Holder for an aircraft engine, propeller, part, or appliance confirming the aircraft engine, propeller, part or appliance conforms to the approved design data and is in a condition for safe operation.

4. SCOPE OF THE ARRANGEMENT

This Technical Arrangement applies to:

Export Airworthiness Certificates or Airworthiness Approval Tag / Authorized Released Certificate (CAAC Form AAC-038 or Hg CAA Form 1) for products, parts or appliances manufactured in China or in Hungary, - The products as identified in Appendix A;

Type Design Approvals of the products as identified in Appendix A; and

Technical assistance needed by the Authorities in fulfilling their airworthiness and environmental duties with respect to this Technical Arrangement.

This Technical Arrangement applies to new aircraft and associated engines and propellers, parts and appliances.

5. TYPE DESIGN APPROVAL PROCEDURES

5.1. Appendix C and Appendix D list the required documents for a CAAC or HgCAA type design approval application respectively. Authorities may require additional information to those in Appendix C or Appendix D prior to issuing a Validation of Type Certificate.

5.2. Each authority should, to extent permitted by its country's respective laws, obligations and rules, base its approval of the type design of a product or change to the type design of a product on the certifications made by the other Authority.

5.3. Importing, requirements regarding Type Design Approval

5.3.1. Aircraft exported to Hungary shall have an HgCAA Validation of Type Certificate to be eligible for registration on the Hungarian Registry. Aircraft with an HgCAA Validation of Type Certificate that have been modified in accordance with the other Authority's Supplemental Type Certificate or equivalent document shall have an HgCAA Validation of Supplemental Type Certification or equivalent approval.

5.3.2. Aircraft exported to China shall have a CAAC Validation of Type Certificate to be eligible for registration on the Chinese Registry. Aircraft with a CAAC Validation of Type Certificate that have been modified in accordance with the other Authority's Supplemental Type Certificate or equivalent document shall have a CAAC Validation of Supplemental Type Certification or equivalent approval.

5.4. Type Design Approval

5.4.1. CAAC issues Validation of Type Certificates for imported products to grant approval of the type design. While making final decision on Validation of Type Certificate under this Technical Arrangement, CAAC shall remain fully entitled to use its discretion in accordance with its national law and regulations.

5.4.2. HgCAA issues Validation of Type Certificates for imported products to grant approval of the type design. While making final decision on Validation of Type Certificate under this Technical Arrangement, HgCAA shall remain fully entitled to use its discretion in accordance with its national law and regulations.

5.5. Application for Validation of Type Design Approval

5.5.1. Applications for Type Design Approval should be made through the Certificating Authority, with a request that the application and related information be forwarded to the Validating Authority. Applications are subjected to corresponding fees and charges of the Validating Authority.

5.5.2. Applications for CAAC Validation of Type Certificate should include all information designated in Appendix C. The applicant must be the holder of the HgCAA Type Certificate.

5.5.3. Applications for HgCAA Validation of Type Certificates should include all information designated in Appendix D. The applicant must be the holder of the CAAC Type Certificate.

5.6. The Validating Authority should describe any issues, such as Additional Technical Conditions, that need resolution prior to the granting of a Validation of Type Certificate.

5.7. To expedite the Validation of Type Certification of a new product, the Authorities may collaborate in airworthiness criteria and compliance determinations to ensure the product complies with the Validating Authority's Validation of Type Certification process.

5.8. The Authorities will take proper steps to validate or accept an imported aircraft's flight manual and any further flight manual supplements.

If certification is sought for a new category of product, or a product that has a level of complexity that the Certificating Authority has not previously certified, the Certificating Authority should notify the other Authority as soon as practicable, so that the Validating Authority may plan the scope of its validation program.

5.9. Supplemental Type Certificate Approval or Acceptance

5.9.1. CAAC may validate HgCAA's Supplemental Type Certificates by issuing the CAAC Validation of Supplemental Type Certificates.

5.9.2. HgCAA may validate CAAC's Supplemental Type Certificates by issuing the HgCAA Validation of Supplemental Type Certificates.

5.9.3. Application for Validation of Supplemental Type Certificate should be made through the Certificating Authority, with a request that the application and related information be forwarded to the Validating Authority. Each application should include all information designated in Section E.1. of Appendix E.

5.9.4. Approval procedures

The Validating Authority will review the application for STC validation. Additional documentation listed in Sections E.2. and E.3. of Appendix E will be required for review by the Certificating Authority, as appropriate. To expedite the approval of the application, the Authorities will collaborate in airworthiness criteria and compliance determinations to ensure that the application complies with the Validating Authority's STC validation process.

6. EXPORT AIRWORTHINESS CERTIFICATION

6.1. For exports to China, HgCAA should produce Export Certificates of Airworthiness or HgCAA Form1 for products, parts and appliances, as applicable.

6.2. For exports to Hungary, CAAC should produce Export Certificates of Airworthiness or CAAC Form AAC-038 for products, parts and appliance, as applicable.

6.3. Chinese import requirements are described in Appendix F.

6.4. Hungarian import requirements are described in Appendix G.

6.5. All products, parts, and appliances exported under this Technical Arrangement are produced in accordance with a product quality system acceptable to the Exporting Authority, therefore the Importing Authority need not issue a separate product quality system approval.

6.6. When products, parts and appliances are produced under a licensing agreement, the relevant Authority should ensure that the products, parts and appliances are produced to the same design and production criteria, and that design changes are adequately controlled so that changes required for production in the extension facility are approved by the relevant Authority.

6.7. Export Certificates of Airworthiness, Airworthiness Approval Tag / Authorized Release Certificate for export should be accepted when the Exporting Authority certifies that the:

6.7.1. Aircraft, engine or propeller

6.7.1.1. Conforms to a type design approved by the Importing Authority, as specified in the Importing Authority's Validation of Type Certificate Data Sheet;

6.7.1.2. Is in a condition for safe operation, including compliance with applicable Exporting Authority’s mandatory airworthiness modifications and special inspections; and

6.7.1.3. Meets the special requirements of the Importing Authority.

6.7.2. Parts or appliances

6.7.2.1. Conform to the approved design data;

6.7.2.2. Are marked as required by Chinese and Hungarian import requirements detailed in Appendix F and Appendix G; and

6.7.2.3. Meets the special requirements of the Importing Authority.

6.7.3. The Exporting Authority should notify the Importing Authority about any non-compliance, non-conformity exemption or exception prior to issuing an Export Certificate of Airworthiness, or Airworthiness Approval Tag / Authorized Released Certificate.

7. POST DESIGN APPROVAL PROCEDURES

7.1. Continued Airworthiness

7.1.1. The Validating Authority may request the Certificating Authority's assistance in determining necessary action by the Validating Authority for the continued safety of the product. The Validating Authority retains sole authority for making such a decision.

7.1.2. The Authorities will provide each other with information on malfunctions, defects and accidents encountered in service at the address for service listed in Appendix B of this Technical Arrangement.

7.1.3. If any Authority becomes aware of an unsafe condition associated with the design, manufacture, operation or maintenance of a product, it should notify the other Authority without delay. The other Authority will give expedient attention to the information and consider appropriate action to correct the condition. The reporting Authority should be advised of this information.

7.1.4. In the case of mandatory continuing airworthiness actions, each Authority shall keep the other fully informed by telephone or fax or email without delay of its intent to issue and the final issuance of all mandatory airworthiness modifications, special limitations, or special inspections which are determined to be necessary on products designed or manufactured in either State. The contact information for both Authorities to receive the mandatory airworthiness information is in the list of contact according Appendices B1 and B2.

7.2. Approval of changes to a type design

7.2.1. Any change to the design of a product should be approved by the Certificating Authority.

7.2.2. Any major type design change or any design change that affects the Validating Authority's Validation of Type Certificate Data Sheet should be submitted to the Validating Authority for validation through the Certificating Authority. The Validating Authority will inform the Certificating Authority of its approval.

7.2.3. The Validating Authority may accept minor changes approved by in the system of the Certificating Authority which have no effect to its Validation of Type Certificate Data Sheet.

7.3. Design data used in support of repairs approved in the system of the Certificating Authority may be accepted by the Validating Authority.

8. MUTUAL CO-OPERATION AND TECHNICAL ASSISTANCE

8.1. The Authorities will provide each other with technical assistance upon request, to further the purposes and objectives of this Technical Arrangement. Such areas of assistance may include, but are not limited to, the provision of standards relating to any additional requirements established for acceptance under this Technical Arrangement, and reports on continued compliance with the requirements of this Technical Arrangement.

8.2. The Authorities should provide each other with any regulations, standards, guidance material, check lists, policies, practices and interpretations relevant to this Technical Arrangement, and should ensure that the Authorities are notified of updates to such documents in a timely manner. In addition, each Authority should notify the other Authority of any proposals to amend such documents and provide the other Authority the opportunity to review and comment on those proposals. The Authority in each respective State has the sole responsibility of amending such documents.

8.3. The Authorities may, with reasonable prior notice by the other Authority, allow the other Authority to participate in inspections and audits of the companies to which this Technical Arrangement applies as observers to confirm the effective implementation of this Technical Arrangement.

8.4. The Authorities should review their respective regulations and standards to identify any changes that may be necessary to facilitate this Technical Arrangement, and notify each other of any action taken because of this review.

8.5. Where urgent or unusual situations develop that are within the scope of this Technical Arrangement but are not specifically addressed within it, the Authorities will consult each other, and upon mutual consent take appropriate action, including, where necessary, amendment of this Technical Arrangement.

9. OVERSIGHT AND NOTIFICATION

9.1. The Authorities will ensure that its oversight of the companies to which this Technical Arrangement applies includes oversight of the organisation's compliance with the provisions of this Technical Arrangement, and makes the results of these audits and inspections available upon request to the Authorities.

9.2. The Authorities will notify each other of any unsatisfactory compliance by companies to which this Technical Arrangement applies with applicable regulations or with any condition set forth in this Technical Arrangement that affects the ability of the companies to which this Technical Arrangement applies to comply with the terms of this Technical Arrangement.

9.3. The Authorities will promptly advise each other of any investigations, findings or enforcement action, including revocation, suspension or change in the scope of privileges, of the companies to which this Technical Arrangement applies.

9.4. Upon notification, each Authority will take prompt action to ensure compliance with the provisions of this Technical Arrangement.

10. PROTECTION OF PROPRIETARY DATA

Subject to the laws of their respective jurisdiction, the Authorities shall not divulge information received from each other under this Technical Arrangement that constitutes trade secrets, intellectual property, confidential commercial or financial information, proprietary data or information that relates to an active investigation. Such information will be considered proprietary and marked as such by the appropriate Authority.

11. ADMINISTRATION AND IMPLEMENTATION

11.1. The Director General of Aircraft Airworthiness Certification Department of Civil Aviation Administration of China and the Head of Airworthiness Unit, the Civil Aviation Authority of Hungary will be responsible for the administration and implementation of this Technical Arrangement.

11.2. The Authorities should advise each other of any significant changes to their internal organization that affect the administration and implementation of this Technical Arrangement, including the identity of the persons identified in paragraph 11.1.

11.3. The Authorities should jointly review this Technical Arrangement from time to time and the Arrangement should be amended as appropriate by mutual written consent. In particular the Authorities should initiate such amendment if a risk of contradiction or incompatibility with existing or proposed national or international law or regulations is identified.

11.4. Any disagreement regarding the interpretation or application of this Technical Arrangement should be resolved by consultation between the persons identified in paragraph 11.1, but may require consultation with or intervention of their respective legal departments to ensure compliance.

12. ENTRY INTO EFFECT

This Technical Arrangement will come into effect on the date it is signed by representatives from both Authorities. Either Authority may terminate this Technical Arrangement by giving 60-day written notice of its decision to terminate to the other Authority.

Signed on July 21, 2025

Mr. Hu Zhenjiang
Deputy Administrator
Civil Aviation Administration of China

Signed on July 21, 2025

Dr. Máté Lőwinger
Head of the Civil Aviation Authority of Hungary
Ministry of Construction and Transport

APPENDIX A

Provided that the aircraft, designed and manufactured in China or in Hungary, does not fall under article 2(3) of the Regulation (EU) 2018/1139 of the European Parliament and of the Council (further Basic Regulation), aeroplanes having measurable stall speed or the minimum steady flight speed in landing configuration not exceeding 45 knots calibrated air speed (CAS), helicopters, powered parachutes, sailplanes and powered sailplanes, having no more than two seats and a maximum take-off mass (MTOM) of no more than:

	Aeroplane/Helicopter /Powered parachute/powered sailplanes	Sailplanes	Amphibian or floatplane/helicopter	Airframe mounted total recovery parachute
Up to two seats	600 kg MTOM	600kg MTOM	Additional 50 kg MTOM	Additional 25 kg MTOM

Appendix A and scope of this Technical Arrangement shall not include unmanned aircraft, model aircraft or toys, which are operated or designed to be operated without a pilot on board.

APPENDIX B

LIST OF ADDRESSES FOR HgCAA OFFICE AND CAAC OFFICE:

B1. HgCAA HEADQUARTERS

Ministry of Construction and Transport
H-1054 Budapest, Alkotmány utca 5.HUNGARY
Postal address: H-1358 Budapest, PO BOX 14.
Email: info@ekm.gov.hu
Telephone: +3617953300

Civil Aviation Authority of Hungary
Ministry of Construction and Transport
2220 Vecsés, Lincoln u.1., HUNGARY
Postal address: H-1358 Budapest, PO BOX 14.
Email: aviation.risk@ekm.gov.hu
Telephone: +36 (1) 273-5509

B2. CAAC HEADQUARTERS

Aircraft Airworthiness Certification Department, Civil Aviation Administration of China
155 Dongsi St. West
100710, Beijing
CHINA

General Affairs Division
Telephone: 86(10)64091308
Fax: 86(10)64033087
Email: df_liu@caac.gov.cn

Airworthiness Certification Division

Telephone: 86(10)64092311

Fax: 86(10) 64033087

Email: yl_cui@caac.gov.cn (for AD only: cad@caac.gov.cn)

Note: focal for projects and mandatory airworthiness information

Airworthiness Regulation and Standards Division

Telephone: 86(10)64091321

Fax: 86(10) 64033087

Email: jy_zhao@caac.gov.cn

Note: focal for cooperation other than projects or mandatory airworthiness information

APPENDIX C

Required documents for a CAAC type design approval application include:

a) A general technical description of the product;

b) A three-view drawing for aircraft;

c) The Type Certificate and the Type Certificate Data Sheet, if available, or a statement of the applicable airworthiness standards for design approval (including environmental requirements) as established by the exporting authority for its own domestic design approval;

d) Any novel or unusual design features known to the applicant at the time of application which might necessitate issuance of airworthiness special conditions;

e) Any expected exemptions or equivalent safety findings relative to the exporting authority's airworthiness standards for type design approval;

f) The estimated date of the first delivery;

g) A copy of the production certificate, including limitation records; and

h) A copy of the Compliance Check List as granted by the exporting authority.

APPENDIX D

Required documents for an HgCAA type design approval application include:

a) A general technical description of the product;

b) A three-view drawing for aircraft;

c) The Type Certificate and the Type Certificate Data Sheet, if available, or a statement of the applicable airworthiness standards for design approval (including environmental requirements) as established by the exporting authority for its own domestic design approval;

d) Any novel or unusual design features known to the applicant at the time of application which might necessitate issuance of airworthiness special conditions;

e) Any expected exemptions or equivalent safety findings relative to the exporting authority's airworthiness standards for type design approval;

f) The estimated date of the first delivery;

g) A copy of the production certificate, including limitation records; and

h) A copy of the Compliance Check List as granted by the exporting authority.

APPENDIX E

E.1. Each application will provide the following information:

a) Description of the change, identifying the TC holder and model of the product;

b) Copy of the exporting authority approval document and related certification basis;

c) Information on any equivalent safety findings or exemptions granted by the exporting authority for the domestic STC;

d) A copy of the compliance check list as supplied to the exporting authority;

e) A copy of the master drawing list or equivalent document;

f) A letter from the Chinese customer stating that the STC is to be installed on his aircraft; and

g) The estimated date of the first delivery.

E.2. Additional documentation.

The following documentation will, under normal circumstances, be required for review by the importing authority, as appropriate:

a) Compliance checklist;

b) Aircraft Flight Manual Supplement;

c) Master Drawing List;

d) Installation Instructions;

e) Weight and balance data; and

f) Instructions for Continued Airworthiness.

E.3. Additional documentation for complex VSTC

When required by the technical complexity of the design change (e.g., additional technical conditions), it may be necessary to provide additional data such as:

a) Engineering reports;
b) Structural analysis;
c) Flight test data, etc.

APPENDIX F

CHINESE IMPORT REQUIREMENTS

The following identifies those additional requirements that will be complied with as a condition of acceptance of products or articles imported into China, or for use on Chinese-registered aircraft.

a) For each aircraft imported into China, an Export Certificate of Airworthiness is required. For each engine, propeller or article imported into China, a HgCAA FORM1 is required.

b) Manufacturer’s identification plate / mark.

c) Instructions for Continued Airworthiness for the imported product or article. Each product or article will be accompanied by instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitation sections.

APPENDIX G

HUNGARIAN IMPORT REQUIREMENTS

The following identifies those additional requirements that will be complied with as a condition of acceptance of products, parts or components imported into Hungary, or for use on Hungarian-registered aircraft.

a) For each aircraft imported into Hungary, an Export Certificate of Airworthiness is required. For each engine, propeller, part or component imported into Hungary, an Airworthiness Approval Tag is required.

b) Manufacturer’s identification plate / mark.

c) Instructions for Continued Airworthiness for the imported product, part or component. Each product, part or component will be accompanied by instructions for continued airworthiness and manufacturer's maintenance manuals having airworthiness limitation sections.