

Issuance of Certification Documents for Export of Aircraft, etc.

June 2, 2008	First issue (KOKU-KU-KI-1276)
April 15, 2011	Amended (KOKU-KU-KI-39)
June 30, 2011	Amended (KOKU-KU-KI-282)
June 28, 2019	Amended (KOKU-KU-KI-359)

Airworthiness Division, Aviation Safety and Security Department
Japan Civil Aviation Bureau
Ministry of Land, Infrastructure, Transport and Tourism

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Director, Airworthiness Division
Aviation Safety and Security Department
Japan Civil Aviation Bureau
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Subject: Issuance of Certification Documents for Export of Aircraft, etc.

1. Purpose

This Circular specifies procedures for the issuance of certification documents for exporting aircraft, components, prescribed emergency equipment, assembly parts, other parts and materials produced, maintained or altered in Japan to foreign countries and regions with which Japan has concluded bilateral agreements or equivalent arrangements concerning airworthiness.

2. Related Laws and Regulations, etc.

This Circular is based on the following related laws and regulations, etc.

- a. Civil Aeronautics Law (Law No. 231 of 1952; hereinafter referred to as the "CAL")
- b. Order for the Civil Aeronautics Law-related Fees (Cabinet Order No. 284 of 1997)
- c. Civil Aeronautics Regulations (Order of the Ministry of Transport No. 56 of 1952; hereinafter referred to as the "CAR")
- d. Rules on Issuance of Certificate of Airworthiness for Export for Aeronautical Products (Public Notice of the Ministry Transport No. 135 of 1981; hereinafter referred to as the "Public Notice")
- e. Circular No.7-001 "Bilateral Agreements or Equivalent Arrangements on Aviation Safety with Foreign Countries" (dated February 27, 2003; KOKU-KU-KI No. 1070)

3. Definition

- a. The term "components" as used here means finished articles consisting of an aggregation of parts that are intended to be used for aircraft and have specific independent functions by themselves.
- b. The term "assembly parts" as used here means half-finished articles or half-assembled articles for aircraft or components that consist of an aggregation of parts.

- c. The term "parts" as used here means the smallest unit that constitutes aircraft or a component that does not have specific independent functions by itself.
- d. The term "prescribed emergency equipment" as used here means emergency signal lights, life vests or equivalent emergency equipment, lifeboats, emergency locator transmitters and parachutes to be installed in aircraft in accordance with the provisions of Article 150 of the CAR.
- e. The term "components, etc." as used here collectively means components, assembly parts, parts, and materials.

4. Certification Documents for Export

Certification documents for export are the following five documents.

a. Export Certificate of Airworthiness (Form 1-014-3)

A certificate to prove that the relevant aircraft conforms to the technical standards set forth in Article 10, paragraph (4) of the CAL and/or the requirements imposed by the competent authority of the importing country

b. Certificate of Airworthiness for Export (Form 1 of the Public Notice)

With regard to components, etc. or prescribed emergency equipment produced by Japanese manufacturers or those components, etc. or prescribed emergency equipment maintained or altered in Japan based on approvals in Japan (type certification, supplemental type design approval, type approval, specification approval, or type approval for prescribed emergency equipment), a certificate to prove that they conform to the technical standards set forth in Article 10, paragraph (4) of the CAL and the requirements imposed by the competent authority of the importing country

c. Authorized Release Certificate (Form 18 of the CAR)

A certificate to prove that an organization approved for its capabilities set forth in Article 20, paragraph (1), item (ii) of the CAL (limited to an organization that was approved by the national government and is allowed to issue an Authorized Release Certificate as a certification document for export; hereinafter referred to as an "approved production organization for aircraft") or an organization approved for its capabilities set forth in Article 20, paragraph (1), item (vi) of the CAL (limited to an organization that was approved by the national government and is allowed to issue an Authorized Release Certificate as a certification document for export; hereinafter referred to as an "approved production organization for aircraft parts") has confirmed that the relevant components, etc. or prescribed emergency equipment produced by Japanese manufacturers or those components, etc. or prescribed emergency equipment maintained or altered in Japan based on approvals in Japan (type certification, supplemental type design approval, type approval, specification approval, or type approval for prescribed emergency equipment) conform to the standards set forth in Article 10, paragraph (4), item (i) of the CAL and the requirements imposed by the competent authority of the importing country

d. Certificate of Conformity for Export (Form 2 of the Public Notice)

With regard to components, etc. produced in Japan that are to be used for aircraft or components to be designed, certified or approved in the importing country, a certificate to prove that the relevant components, etc. conform to the related design data and the requirements imposed by the competent authority of the importing country

e. Export Certification Tag of Airworthiness (Form 1-014-4)

A tag to prove the airworthiness of the relevant prescribed emergency equipment upon export thereof

5. Applicability

a. General

This Circular applies basically in the case where aircraft, components, etc. and prescribed emergency equipment produced, maintained or altered in Japan are exported to foreign countries with which Japan has concluded bilateral agreements or equivalent arrangements on airworthiness.

However, even in the case where these articles are exported to other countries with which Japan has not concluded bilateral agreements on airworthiness, if the issuance of certification documents is requested by the competent authorities of those importing countries, certification documents for export are to be issued based on this Circular.

b. Coverage

Certification documents for export are issued for aircraft, components, etc. and prescribed emergency equipment produced, maintained or altered in Japan.

c. Certification documents to be issued

(1) For export to the United States

Article	Conditions of application	Types of documents
Aircraft	New or used rotorcraft designed in Japan	Export Certificate of Airworthiness
	Used aircraft designed in the U.S.	
	Used aircraft designed in a third country (only in the case where bilateral agreements, etc. are concluded both between the third country and the U.S. and between the third country and Japan)	
Components, etc.	New engines designed in Japan	Certificate of Airworthiness for Export

	New components that have obtained type approval or specification approval in Japan, as well as TSO Design Approval of the Federal Aviation Administration (FAA)	Certificate of Airworthiness for Export or Authorized Release Certificate
	New parts for modification or replacement to be used for rotorcraft designed in Japan that have obtained design approval of the FAA or for components, etc. that have obtained type approval or specification approval in Japan	Certificate of Airworthiness for Export or Authorized Release Certificate
	New standard parts that conform to proper public standards in Japan	Authorized Release Certificate or manufacturer's Quality Certificate to prove the conformity to certain public standards (i.e., CoC)
Prescribed emergency equipment	New prescribed emergency equipment that has obtained type approval for prescribed emergency equipment in Japan, as well as TSO Design Approval of the FAA, and part for modification or replacement for the same	Certificate of Airworthiness for Export or Authorized Release Certificate

(2) For export to countries other than the United States

Article	Conditions of application	Types of documents
Aircraft	Aircraft for which the issuance of certification documents has been requested by the competent authority of the importing country	Export Certificate of Airworthiness
Components, etc.	Components, etc. for which the issuance of certification documents has been requested by the competent authority of the importing country	Certificate of Airworthiness for Export
Prescribed emergency equipment	Prescribed emergency equipment for which the issuance of certification documents has been requested by the competent authority of the importing country	Certificate of Airworthiness for Export or Export Certification Tag of Airworthiness

Note) Certificate of Conformity for Export is to be issued for components, etc. or prescribed emergency equipment upon a request by the competent authority of any importing country.

6. Application

a. Aircraft

After making prior adjustments with a responsible Airworthiness Engineer with regard to the application date, scheduled inspection date, inspection details, etc., while considering the deadline for submitting additional documents listed in Article 12-2, paragraph (2) of the CAR, an applicant shall file an application for airworthiness certification to the Director-General of the competent Regional Civil Aviation Bureau, and at the same time, submit one copy of a written application for issuance of Export Certificate of Airworthiness (Form 1-014-1) to the competent Chief Airworthiness Engineer. Aircraft Statement of Conformity issued by an approved production organization for aircraft or an organization approved for its capabilities set forth in Article 20, paragraph (1), item (iii) of the CAL (hereinafter referred to as an "approved maintenance inspection organization for aircraft") is valid for 15 days. Therefore, an application for airworthiness certification needs to be filed before the expiration of the validity period of Aircraft Statement of Conformity.

Regarding a glider, an applicant shall submit a written application for airworthiness certification and a written application for issuance of Export Certificate of Airworthiness at the same time to the relevant Airworthiness Inspector.

b. Components, etc.

After making prior adjustments with a responsible Airworthiness Engineer with regard to the application date, scheduled inspection date, inspection details, etc., an applicant shall submit one copy of a written application for issuance of Certificate of Airworthiness (Certificate of Conformity) for Export (Form 3 of the Public Notice) to the Director-General of the competent Regional Civil Aviation Bureau. However, with regard to components newly produced at an approved production organization for aircraft (limited to an organization approved by the national government that is allowed to issue an Authorized Release Certificate as a certification document for export) or an approved production organization for aircraft parts (limited to an organization approved by the national government that is allowed to issue an Authorized Release Certificate as a certification document for export) by obtaining type approval or specification approval in Japan, as well as TSO Design Approval of the FAA, in the case of exporting such components to the United States, the Authorized Release Certificate issued by the relevant approved organization is accepted as a substitute of the Certificate of Airworthiness for Export issued by the national government. Therefore, there is no need to file an application for Certificate of Airworthiness for Export.

c. Prescribed emergency equipment

When exporting prescribed emergency equipment to the United States, an applicant shall make prior adjustments with a responsible Airworthiness Engineer with regard to the application date, scheduled inspection date, inspection details, etc., and then submit one copy of a written application for issuance of Certificate of Airworthiness (Certificate of Conformity) for Export (Form 3 of the

Public Notice) to the Director-General of the competent Regional Civil Aviation Bureau. However, with regard to prescribed emergency equipment newly produced at an approved production organization for aircraft (limited to an organization approved by the national government that is allowed to issue an Authorized Release Certificate as a certification document for export) or an approved production organization for aircraft parts (limited to an organization approved by the national government that is allowed to issue an Authorized Release Certificate as a certification document for export) by obtaining type approval for prescribed emergency equipment in Japan, as well as TSO Design Approval of the FAA, in the case of exporting such equipment to the United States, the Authorized Release Certificate issued by the relevant approved organization is accepted as a substitute of the Certificate of Airworthiness for Export issued by the national government. Therefore, there is no need to file an application for Certificate of Airworthiness for Export.

When exporting such equipment to countries other than the United States, an applicant shall make prior adjustments with a responsible Airworthiness Engineer with regard to the application date, scheduled inspection date, inspection details, etc., and then submit one copy of a written application for issuance of Certificate of Airworthiness (Certificate of Conformity) for Export (Form 3 of the Public Notice) to the Director-General of the competent Regional Civil Aviation Bureau, or one copy of a written application for issuance of Export Certification Tag of Airworthiness (Form 1-014-2) to the competent Chief Airworthiness Engineer of the competent Regional Civil Aviation Bureau or Field Office.

Note 1) In the case where an applicant intends to export components that have obtained spare part certification or otherwise where an Airworthiness Engineer finds it unnecessary to conduct an inspection from the initial stage of the production, maintenance or alteration process, the applicant does not need to submit a written application before starting production, maintenance or alteration work.

Note 2) The following shall be entered in a written application for issuance of Certificate of Airworthiness (Certificate of Conformity) for Export.

(1) Enter the name of the aeronautical product in the column "Product Category."

(2) In the case of a modification kit, etc., enter the kit number, etc. in the column "Type (Specification) or Part Number."

(3) When filing an application for multiple pieces of products of the same type (specification) or part number, enter the serial numbers in the column "Serial Number." When all of the serial numbers cannot be entered in the column, an applicant may attach another sheet and only enter "As shown in the attached sheet" in this column. Additionally, enter the number of pieces for application in the column "Weight or Number of Pieces."

(4) Enter the category of the aeronautical product as listed in the upper column of the Appended Table of the Public Notice in the column "Remarks."

7. Fees

a. Aircraft

Fees shall be paid by affixing a revenue stamp in an amount as specified in Appended Table 1 of the Order for the Civil Aeronautics Law-related Fees to a written application for airworthiness certification. However, fees are not necessary for applying for the issuance of Export Certificate of Airworthiness.

b. Components, etc.

Fees shall be paid by affixing a revenue stamp in an amount as specified in the Appended Table of the Public Notice (for examples of components, etc. specified in the Appended Table of the Public Notice, see Appendix 1) to one copy of a written application for issuance of Certificate of Airworthiness (Certificate of Conformity) for Export.

(1) In the case of components and assembly parts for components or aircraft, an applicant shall clearly enter the units to be subjected to an inspection in a written application and pay fees as specified in the Appended Table of the Public Notice for each of the units.

Note 1) In the case of an aggregation of parts with multiple part numbers that constitutes one unit, such as a galley, fees shall be paid for each of the parts in an amount respectively specified in the Appended Table of the Public Notice.

Note 2) In the case of a half-finished or half-assembled aircraft, the final assembled state to be subjected to an inspection in Japan shall be considered as a unit and an application shall be filed therefor. Even in the case where such final assembled unit is to be disassembled again for transport, only one certificate is issued. When the competent authority of the importing country requests certification for each part thus disassembled or by the unit consisting of multiple assembly parts, an applicant shall file an application by the unit thus requested

Note 3) In the case of materials, fees shall be paid by physical unit (such as one plate, one rod, one piece of forged or molded product, or one can of solvent) in an amount specified in the Appended Table of the Public Notice.

Note 4) In the case of a modification kit or other kits consisting of an aggregation of parts with multiple part numbers, each of those kits is considered to be an assembly part.

(2) In the case of parts, fees shall be paid for 1,000 pieces of parts with the same part number or for any fractions, in an amount as specified in the Appended Table of the Public Notice.

Note) In the case of assembly parts for aircraft, their weight shall be checked by an Airworthiness Engineer through measurement or based on a reliable calculation.

c. Prescribed emergency equipment

Fees for the issuance of Certificate of Airworthiness (Certificate of Conformity) for Export are the

same as those for components, etc. Fees are not necessary for applying for the issuance of Export Certification Tag of Airworthiness.

8. Documents to be Submitted or Presented

a. Aircraft

- (1) In the case of new aircraft that has obtained an Aircraft Statement of Conformity issued by an approved production organization for aircraft, Paragraph 2-1(1)(b) of Chapter I "Airworthiness Certification" of Circular No.1-001 "General Policy and Procedures for Certification/Inspection" applies accordingly, and in other cases, Paragraph 2-1(2)(b) of the same Part applies accordingly.
- (2) In the case of used aircraft that has obtained an Aircraft Statement of Conformity issued by an approved maintenance organization for aircraft, Paragraph 2-3(1)(b) of Chapter I "Airworthiness Certification" of Circular No.1-001 "General Policy and Procedures for Certification/Inspection" applies accordingly, and in other cases, Paragraph 2-3(2)(b) of the same Part applies accordingly, and an applicant is also required to submit a document recording modification conducted while being used in Japan that was not based on the manufacturer's Service Bulletin (SB).

b. Components, etc.

- (1) In the case of new components, etc.

Documents to be submitted

- (a) Specifications
- (b) General assembly drawing (three sides)
- (c) Nameplate drawing
- (d) Drawing list
- (e) Parts list
- (f) Inspection outlines for finished articles (including test inspection outlines)
- (g) PIR or other equivalent production flow chart
- (h) A document explaining the relevant manufacturer's quality control method
- (i) Other reference documents

Documents to be presented

- (j) PIR or other production process records of the components, etc. for which an application for certification is being filed, and when any in-house function test has been conducted, a record of the results thereof
- (k) When the relevant components, etc. have obtained type approval or specification approval, the certificate thereof (a copy of the certificate may be accepted)
- (l) A record of any significant defects that were found in the production process inspection, corrective measures, and uncompleted work, etc. (only in the case of conformity certification)

(2) In the case of used components, etc.

Documents to be submitted

- (a) A document stating a method of maintenance or alteration to be conducted before export
- (b) A document recording the history of the relevant components (a record of installation in aircraft and a record of repair and alterations, etc.)
- (c) Other reference documents

Documents to be presented

- (d) A record of maintenance and alteration work processes, and when any in-house function test has been conducted, a record of the results thereof
- (e) A valid spare part certification tag, or when a confirmation slip has been obtained, a spare part certification tag or the confirmation slip

c. Prescribed emergency equipment

It is dealt with in the same manner as components, etc.

d. Other

When applying for certification documents for exporting aircraft, components, etc. or prescribed emergency equipment to the United States, an applicant shall submit documents shown in Appendix 3, in addition to documents mentioned in a., b. and c. above.

When exporting aircraft, components, etc. or prescribed emergency equipment to countries other than the United States, an applicant shall submit a document to show that the competent authority of the importing country requests the issuance of a certificate, in addition to documents mentioned in a., b. and c. above.

Note) Usually, a letter or Telex to request the issuance of a certificate is sent to the Japanese authority from the government of an importing country, but if not, any document that sufficiently proves a request having been made by the competent authority of the relevant importing country may be submitted instead.

For example, in the case where an applicant is required to submit certification documents under laws and regulations of the importing country, where an applicant intends to export components, etc. or prescribed emergency equipment that have obtained TSO Design Approval of the FAA to a country other than the United States based on an FAA Letter, or where the sales contract, etc. concluded between the parties contain the provisions to require attachment of certification documents issued by the Japanese authority, it may sometimes be deemed that the competent authority of the importing country requests the issuance of certification documents.

9. Inspections

a. Aircraft

Inspections are to be conducted by following the procedures for ordinary inspections for airworthiness certification based on Chapter I " Airworthiness Certification" of Circular No.1-001 "General Policy and Procedures for Certification/Inspection." Additionally, for export of aircraft with the Continuing Airworthiness Certificate, the inspection policy specified in Attachment 2 of Circular No. 4-007 "Policies for Establishing the Term of Validity of Airworthiness Certificate for Aircraft of Air Carrier" shall also be taken into consideration.

b. Components, etc.

(1) Inspections are conducted for the design process, the manufacturing process and the current conditions of finished products by following the procedures for inspections for spare parts certificate or for inspections for type/specification approval. However, in an inspection for conformity certification, only the manufacturing process and the current conditions of finished products are inspected.

Note 1) Even in an inspection for conformity certification, examination of drawings to check the conformity to the design data and test witnesses, etc. may be conducted.

Note 2) Critical parts that have a valid Spare Part Certificate or Authorized Release Certificate or have obtained approval based on the provisions of Article 15 of the CAR may be treated as those conforming to the standards set forth in Article 10, paragraph (4) of the CAL in an inspection for certificate of airworthiness for export.

Note 3) Components or parts that have obtained type/specification approval may be treated as those conforming to the standards set forth in Article 10, paragraph (4) of the CAL in an inspection relating to design.

(2) When exporting components, etc. after maintenance or alteration, the maintenance or alteration process and the current conditions after the maintenance or alteration work are inspected.

Note) Components, etc. to be exported are basically those that are newly produced or overhauled. However, used on-condition parts whose backgrounds are clear or which are otherwise found not to need to undergo an overhaul may also receive inspections by conducting a conditional overhaul to check functions, etc.

In this case, prior consent of the competent authority of the importing country needs to be obtained and the fact that the applicant has obtained prior consent is to be additionally entered in the certificate.

c. Prescribed emergency equipment

Inspections are to be conducted by following the procedures for inspections for type approval of prescribed emergency equipment with regard to the design, manufacturing processes and the current condition of finished products.

d. Inspection of production management capability

When the Director-General of the competent Regional Civil Aviation Bureau finds it necessary, the

Director-General conducts an inspection for a manufacturer that intends to receive the issuance of Certificate of Airworthiness for Export or Certificate of Conformity for Export with regard to its facilities, personnel, inspection system, quality control system and other matters concerning its production management capability. This inspection is conducted by applying the criteria prescribed in Article 35 (Criteria for Approval) of the CAR.

e. Other

When issuing certification documents for exporting aircraft, components, etc. or prescribed emergency equipment to the United States, inspections are conducted based on the documents shown in Appendix 3, in addition to the items mentioned in a., b. c. and d. above.

When exporting aircraft, components, etc. or prescribed emergency equipment to countries other than the United States, inspections are conducted for conformity to the requirements of the competent authority of the importing country, in addition to the items mentioned in a., b. c. and d. above.

10. Issuance of Certification Documents for Export

a. Aircraft

An Export Certificate of Airworthiness is issued together with an Airworthiness Certificate. A responsible Airworthiness Engineer or an Airworthiness Inspector signs his/her name on an Export Certificate of Airworthiness.

In the case of export to the United States or other countries and when a certification of conformity to Type Design of the importing country's type certification is required, the matters concerning modification under Paragraph 8.a.(2) of this Circular are to be additionally entered or attached, as necessary, as deviation items from the Type Design.

b. Components, etc.

A Certificate of Airworthiness for Export or Certificate of Conformity for Export is issued in the form of a public notice. A seal of the Director-General of the competent Regional Civil Aviation Bureau is to be affixed and a responsible airworthiness engineer signs his/her name on a certificate. For a Certificate of Conformity for Export, a record referred to in Paragraph 8.b.(1).(l) of this Circular is attached.

c. Prescribed emergency equipment

In the case of export to the United States, a Certificate of Airworthiness for Export or Certificate of Conformity for Export is issued in the form of a public notice. A seal of the Director-General of the competent Regional Civil Aviation Bureau is to be affixed and a responsible airworthiness engineer signs his/her name on a certificate. For a Certificate of Conformity for Export, a record referred to in Paragraph 8.b.(1).(l) of this Circular is attached.

In the case of export to countries other than the United States, a Certificate of Airworthiness for Export, Certificate of Conformity for Export, or Export Certification Tag of Airworthiness is issued. A seal of the Director-General of the competent Regional Civil Aviation Bureau is to be affixed and a

responsible airworthiness engineer signs his/her name on a Certificate of Airworthiness for Export or Certificate of Conformity for Export. For an Export Certification Tag of Airworthiness, a responsible airworthiness engineer signs his/her name thereon. For a Certificate of Conformity for Export, a record referred to in Paragraph 8.b.(1).(l) of this Circular is attached.

11. Other

a. Applicant

An application shall be filed by the manufacturer, owner, or user of the relevant aircraft, etc. or a person who did maintenance or alteration work therefor. An application filed by any other person as an agent for these persons is accepted only in cases where it is clearly shown upon filing the application that any of the aforementioned persons has commissioned said person to file the application, and where said person can properly respond to inquiries of the competent authority regarding the content of the documents to be submitted or presented or for the matters necessary for smooth implementation of inspections.

b. Director-General of the competent Regional Civil Aviation Bureau

The Director-General of the competent Regional Civil Aviation Bureau refers to the Director-General of the Regional Civil Aviation Bureau that has jurisdiction over the location of the applicant's major production plant. The major production plant refers to a plant where most of the production process subject to the inspection for manufacturing process is conducted, a plant where the final assembly process is conducted, or a plant where function tests, etc. are carried out for finished products. The same applies in the case of maintenance or alteration of aircraft, etc.

c. Refusal of issuance of certificates

The issuance of certificates may be refused in such cases where the competent authority of the importing country has not requested the relevant certificate, where the products are unlikely to be exported, or where otherwise the issuance of certification documents is found unnecessary.

Supplementary Provisions

1.

This Circular shall be effective from June 2, 2008.

2. This Circular integrates circulars concerning the issuance of certification documents for exporting aircraft, etc. and is issued as CircularNo.1-014.

3. Circular TCL-57D-6-2000 (dated July 18, 2000) and Circular TCM-21-013-81 (dated March 28, 1981) shall be superseded by this Circular.

Supplementary Provisions (April 15, 2011)

1. This Circular shall be effective from April 15, 2011.

Supplementary Provisions (June 30, 2011)

1. This Circular shall be effective from June 30, 2011.

For further questions or comments regarding this Circular, please contact the following:

Airworthiness Engineer, Airworthiness Division, Aviation Safety and Security Department,
Japan Civil Aviation Bureau, Ministry of Land, Infrastructure, Transport and Tourism
2-1-3 Kasumigaseki, Chiyoda-ku, Tokyo, 100-8918
TEL: 03-5253-8111 (extension 50215, 50216)
FAX: 03-5253-1661

Application for Issuance of Export Certificate of Airworthiness

Dear:

Tokyo

Osaka

Ota-ku

Narita-shi

Natori-shi

Toyoyama-cho

Yao-shi

Chief Airworthiness Engineer

Airworthiness Inspector

YY/MM/DD

Applicant's address

Applicant's name

I hereby apply for the issuance of an Export Certificate of Airworthiness for the following aircraft.

Note*1

*1 Enter the category, type name, serial number, type certification number, number of pieces, and manufacturer's name of the relevant aircraft, and the name of the importing country.

Application for Issuance of Export Certification Tag of Airworthiness

Dear:

Tokyo

Osaka

Ota-ku

Narita-shi

Natori-shi

Toyoyama-cho

Yao-shi

Chief Airworthiness Engineer

YY/MM/DD

Applicant's address

Applicant's name

I hereby apply for the issuance of an Export Certification Tag of Airworthiness for the following prescribed emergency equipment.

Note*1

*1 Enter the category, type name, serial number, type approval number, number of pieces, and manufacturer's name of the relevant equipment, and the name of the importing country.

Japan
Ministry of Land, Infrastructure, Transport and Tourism
Civil Aviation Bureau
Export Certificate of Airworthiness

No. _____

This certifies that the aircraft identified below, and more particularly described in the applicable specifications, has been examined and as of the date of this certificate, is considered airworthy in accordance with applicable Civil Aeronautics Regulations and other airworthiness requirements of the Ministry of Land, Infrastructure, Transport and Tourism, except as noted below.

Aircraft :

Manufacturer :

Model :

Serial No. :

New Used Aircraft

Country To Which Exported :

Exceptions :

Date of Issue _____

Signature _____

※2

(Note : This Certificate does not constitute an authorization to operate the aircraft.)

Form 1-014-4

Japan
 Ministry of Land, Infrastructure,
 Transport and Tourism

The article to which this tag is
 sealed and identified as follows :

Manufacturer
 Part Name
 Part Number
 Quantity
 Eligible For Installation On

has been approved as airworthy
 under

Date of Issue

Signature _____
 ※2

*2: Below the Signature column, the Airworthiness Engineer who signed his/her name shall enter the name of his/her office, as shown below.

- A. 1. East Japan Civil Aviation Bureau
 - 2. Haneda Airport Office, East Japan Civil Aviation Bureau
 - 3. Narita Airport Office, East Japan Civil Aviation Bureau
 - 4. Sendai Airport Office, East Japan Civil Aviation Bureau
 - 5. West Japan Civil Aviation Bureau
 - 6. Nagoya Airport Office, West Japan Civil Aviation Bureau
 - 7. Yao Airport Office, West Japan Civil Aviation Bureau
- B. In the case of an Airworthiness Inspector (only for Form 1-014-3)
 Designated Airworthiness Inspector

Appendix 1. Classification of Components, etc.

1. Purpose

This Appendix aims to clarify the classification of components, parts, assembly parts, and materials specified in the Appended Table of the Public Notice of the Ministry of Transport No. 135 of 1981, "Rules on Issuance of Certificate of Airworthiness for Export for Aeronautical Products."

2. Classification

Concrete examples of aeronautical products referred to in Paragraph 1 are as follows, but the following do not cover the entirety of aeronautical products.

a. Reciprocating engines, turbine engines and other critical parts

Refer to Part IV "Parts Covered by Type Approval" of Circular No.1-004 "General Policy for Approval of Types and Specifications of Appliances."

b. Components (excluding critical parts)

I. Airframe structural-related

Cargo container

Evacuation slide

Galley

Lavatory

II. Electrical and electronic system-related

Navigation light (including wing-tip light)

Landing light (including hovering light)

Taxi light

Anti-collision light

Parking light

Instrument light

Utility light

Anchor light

Light to be displayed on the water

Floating light

Wing floodlight

Rechargeable battery

Voltage regulator (for inverter)

Frequency regulator (for inverter)
Amplifier (including magnetic amplifier)
Rectifier (for electrical power)
Transformer (for electrical power or instruments)
Audio equipment, audio system
Cockpit voice recorder
Flight data recorder
Galley electrical appliances (of high power consumption)

III. Instrument system-related

Cabin temperature indicator
Heater fuel pressure gauge
Cabin temperature mixing valve indicator
Cabin supercharger air flow indicator
Wattmeter
Reactive power meter
Oxygen pressure gauge (for oxygen flow regulation)
Oxygen flow meter (for oxygen flow regulation)
Static heater
Heat-insulated chamber
Vacuum regulator
Oil separator
Induction air filter
Accumulator cage

IV. Functional parts

(1) Valves

Check valve
Relief valve
Safety valve
Sequence valve
Shutoff valve
Shuttle valve
Bypass valve
Drain valve
Stop valve
Booster valve
Pneumatic control valve

Pneumatic selector valve

Purging valve

Selector valve (for vacuum and static pressure systems)

Solenoid valve

Reducing valve

(2) Cylinders

Lockout cylinder

Master cylinder

Steering cylinder

Trim-compensating cylinder

Door actuating cylinders (for cargo doors, entrance doors and heat exchanger doors except landing gear actuating cylinders)

(3) Dampers

Flutter damper

Shimmy damper

Vibration damper (for helicopter use)

(4) Autopilot components

Speed control valve

Balanced oil valve

Hydraulic pressure regulator

Follow-up mechanism

Servo control motor

Servo control generator

Flight reference selector

(5) Cabin temperature control system components

Refrigerator unit, refrigerating machine

Cooling turbine

Heat exchanger

Compressor

(6) Other functional parts

Reservoir

Accumulator

Oxygen bottle

Air filter

Hydraulic oil filter

Blower, fan

Propeller turbine (for airflow-driven generator)
Portable fire extinguisher
Wiper motor
Vibrator (instrument panel use)
Magnetic governor and trim control (for constant speed drive unit)
Rotor brake
Pressure lock

V. Other

Deicer boot
Seat
Bed, bunk or berth
Litter
Crop duster kit, hoist kit and other externally mounted equipment

c. Assemble parts of components

Instrument kit
Meter movement
Instruments without glass, scale plate, needle and case, etc.
Modification kit
Engine compressor module and turbine module

Note) Components of aircraft parts in the minimum unit are treated as parts.

e.g.: Turbine blade, disk, seal, cylinder, piston, piston ring, crankshaft, and spare parts of instruments, etc.

d. Parts

Parts excluding components and materials from examples listed in Part V "Parts Covered by Specification Approval" of Circular No.1-004 "General Policy for Approval of Types and Specifications of Appliances"

e. Assemble parts of aircraft

Tail cone
Door
Fuselage panel
Fairing
Wing rib
Half-finished aircraft

f. Materials

Aluminum board

Extruded rod

Forged or molded product

FRP, plastic or other non-metal materials

Adhesive bond

Sealant

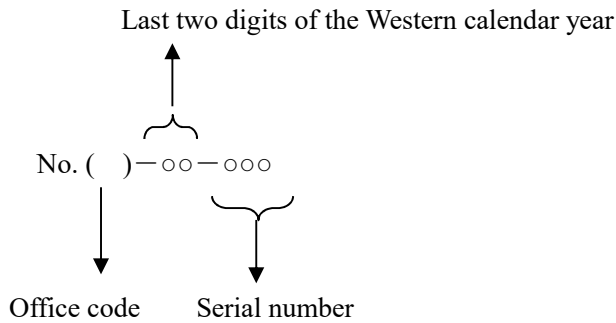
Honeycomb plate

Paint (including fluorescent paint and luminous paint)

Appendix 2. How to Fill in Certification Documents for Export (for Airworthiness Engineers, and Approved Production Organizations for Aircraft or Aircraft Parts)

1. Export Certificate of Airworthiness (Form 1-014-3)

a. Certificate number shall be as follows.



The following cases are exceptions.

In the case of a certificate issued by an Airworthiness Inspector: Numbers separately specified
When exporting YS-11/-11A series aircraft to the United States based on the FAR.21.29 type certification:

No. A-YS-000

When exporting MU-2 series aircraft to the United States based on the FAR.21.29 type certification:

No. A-MU-000

Codes of offices issuing certificates are as follows.

	Code
Chief Airworthiness Engineer, Aviation Safety and Security Department, EJCAB	T
Chief Airworthiness Engineer, Ota-ku Field Office, EJCAB	
Chief Airworthiness Engineer, Narita-shi Field Office, EJCAB	HND
Chief Airworthiness Engineer, Natori-shi Field Office, EJCAB	NRT
Chief Airworthiness Engineer, Aviation Safety and Security Department, WJCAB	SD
Chief Airworthiness Engineer, Toyoyama-cho Field Office, WJCAB	O
Chief Airworthiness Engineer, Yao-shi Field Office, WJCAB	
	N
	Y

EJCAB: East Japan Civil Aviation Bureau; WJCAB: West Japan Civil Aviation Bureau

b. Statement in a certificate

(1) When any special description concerning specifications is necessary, it shall be entered in the blank below the column "Exceptions" as "Additional Information." If not, the expression "and

more particularly described in the applicable specification" in the main text shall be deleted.

(2) When issuing an Export Certificate of Airworthiness for aircraft to be exported to the United States, the statement "The [aircraft type] covered by this certificate conforms to the type design approved under U.S. Type Certificate Number [TC No. and the amendment level of the TCDS], and is found to be in a condition for safe operation." shall be additionally entered in the blank below the column "Exceptions." Furthermore, the fact that the relevant aircraft conforms to other import requirements prescribed in the US Type Certificate Data Sheet shall also be entered.

(3) When issuing an Export Certificate of Airworthiness for aircraft to be exported to Canada, the statement "The [aircraft type] covered by this certificate conforms to Canadian Type Approval No.○○○ (approval No.), and is found to be in a condition for safe operation." shall be additionally entered.

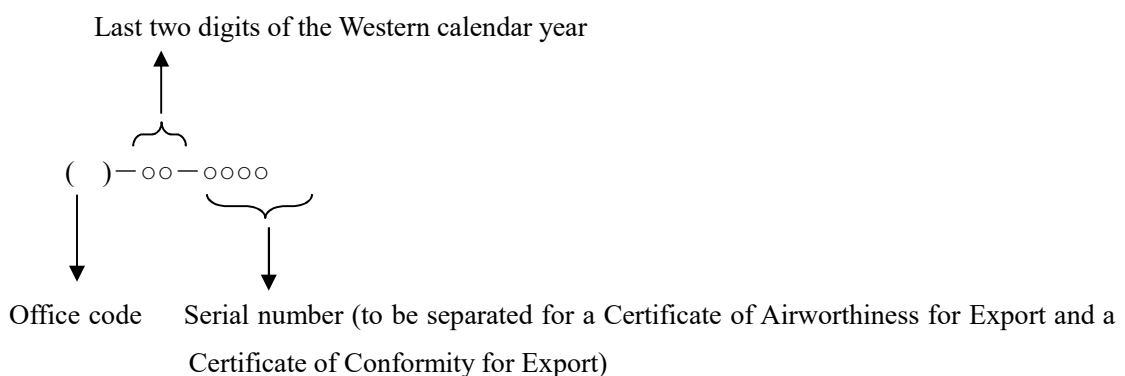
(4) For other countries, a similar statement shall be entered if it is required by the relevant country.

c. In the columns "Aircraft," "Model" and "Serial No.," enter either "Airplane" or "Helicopter," and the aircraft type approved by the government of the manufacturer's country, and the aircraft serial number, respectively. In the right-hand blank, the numbers, types and serial numbers of the engines and propellers installed shall be entered. Additional information concerning their Total Time/Cycle and Time Since Overhaul shall also be entered as necessary.

d. If there are any matters that do not conform to the airworthiness standards or special conditions, etc., enter that fact in the column "Exceptions." When there are no such matters, enter "None" in this column.

2. Certificate of Airworthiness for Export and Certificate of Conformity for Export

a. Certificate number shall be as follows.



b. Item numbers shall be numbered sequentially.

c. In the column "Description," enter the name of the components, etc.

d. In the column "Part No.," enter the part number of the components, etc.

e. In the column "Qty," enter the quantity of the components, etc.

f. When the components, etc. are of the same type or have the same part number, multiple numbers may be entered in the column "Serial/Batch No." For those without a serial number, enter "None" in this column.

g. In the column "Status/Work," enter the status or the details of the work concerning the components, etc.

(e.g.) New, Newly overhauled, Conditional Overhauled

h. In the column "Remarks," enter "Export" and the following information.

(1) Name of the importing country

e.g.) Export to the United States of America.

(2) For components or other parts that have obtained type/specification approval, enter that fact (Certificate of Airworthiness for Export and Authorized Release Certificate)

e.g.) CAB Type (Specification) Approval No. ○○○

(3) When issuing a Certificate of Airworthiness for Export for an engine to be exported to the United States, the statement "The [engine type] covered by this certificate conforms to the type design approved under U.S. Type Certificate Number [TC No. and the amendment level of the TCDS], and is found to be in a condition for safe operation. The engine has undergone a final operational check." shall be additionally entered in the blank below the column "Remarks." Furthermore, the fact that the relevant engine conforms to other import requirements prescribed in the US Type Certificate Data Sheet shall also be entered.

(4) When issuing a Certificate of Airworthiness for Export for components or prescribed emergency equipment to be exported to the United States, enter the following in the blank below the column "Remarks" of the certificate, etc.

Conforms to the design approved by the FAA, as specified in the FAA Letter [No.] of TSO Design Approval [No.]

Compliance with applicable FAA AD [No.]

Marked in accordance with 14 CFR Part 21, Subpart O, and all additional marking requirements specified in the particular TSO

[Statement to the effect that the relevant components or equipment conform to all additional requirements notified by the FAA]

(5) When issuing a Certificate of Airworthiness for Export for new parts for modification or replacement to be used for aircraft, components, etc. or prescribed emergency equipment designed in Japan that are to be exported to the United States, enter the following in the blank below the column "Remarks" of the certificate, etc.

Eligible for installation in [name of the aircraft or components, etc.] which has been granted an FAA design approval [No.]

Conforms to FAA-approved design data [No.] and is safe for installation

Marked with a part number, serial number (if applicable), and the manufacturer's name or trade mark. In addition, information concerning the model designation of the FAA type certificated product, for which the part is eligible for installation, is furnished.

[Statement to the effect that the relevant parts conform to all additional requirements notified by the FAA]

(6) When any additional document, such as a record referred to in Paragraph 8.b. (1). (l) of this Circular, is attached, enter the fact that the relevant document is attached so that the content thereof is clearly understood.

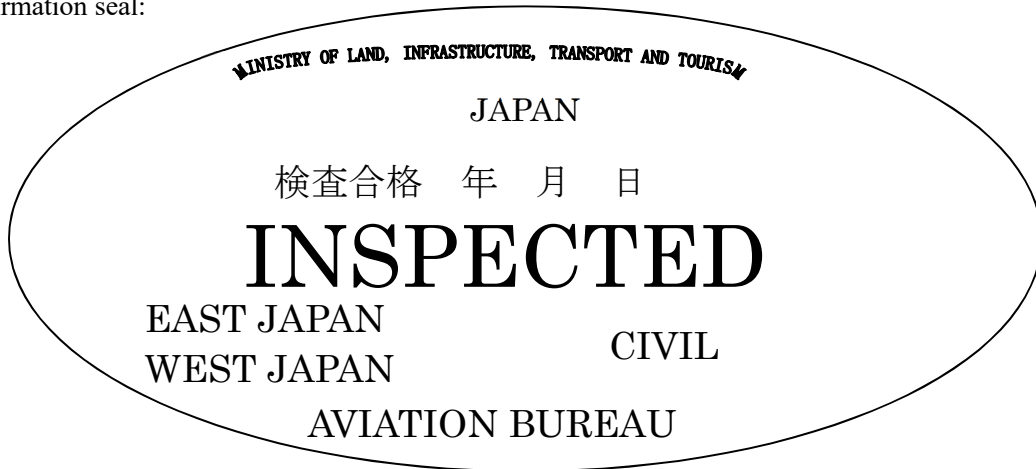
e.g.) Refer to the attachment (No. _____) for the conformity inspection results.

Note) If any column is too small to enter all necessary information, an Appendix may be prepared to enter such information.

i. Confirmation of being sealed

Regarding materials or parts to which serial numbers are not affixed, issued Certificate of Airworthiness for Export or Certificate of Conformity for Export shall be packed together with those materials or parts, seal the package, and affix a confirmation seal in order to ensure the identicalness of the materials or parts and those certified by the Certificate of Airworthiness for Export or Certificate of Conformity for Export.

Confirmation seal:



3. Authorized Release Certificate

Authorized Release Certificates shall be prepared in accordance with the guidelines specified in Circular No.2-001 "General Policy for Approval of Organizations."

In addition, when issuing an Authorized Release Certificate for components, etc. and prescribed emergency equipment that have obtained TSO Design Approval of the FAA or an Authorized Release Certificate for new parts for modification or replacement to be used for aircraft, components, etc. or prescribed emergency equipment designed in Japan for export to the United States, the matters prescribed in Paragraph 2. h shall be entered in the column "Remarks" of the Authorized Release Certificate.

4. Export Certification Tag of Airworthiness (Form 1-014-4)

a. Certificate number is not necessary.

b. In the blank below "as follows," the following titles shall be entered, followed by the manufacturer's name, product name, part number, number of pieces, aircraft model to which its installation is approved, etc., respectively.

Manufacturer

Part Name

Part Number

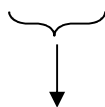
Quantity

Eligible for Installation On

c. In the blank following "approved as airworthy under," enter information as follows.

When having obtained type approval for prescribed emergency equipment:

"CAB Type Approval No.○○○"



Appendix 3. Documents to Prove the Conformity to the US Import Requirements

When applying for certification documents for exporting aircraft, components, etc. or prescribed emergency equipment to the United States, a document to prove the conformity to the following requirements shall be presented, in addition to documents referred to in Paragraph 6 of the main text of this Circular, except for the case where import requirements are separately requested by the United States. In the case where an approved production organization for aircraft or approved production organization for aircraft parts issues an Authorized Release Certificate, the certifying staff of the organization shall confirm the conformity to these requirements.

Note) Refer to Paragraph 3.2 of the Implementation Procedures for Airworthiness (hereinafter referred to as the "IPA") shown in Circular No.7-001 "Bilateral Agreements or Equivalent Arrangements on Aviation Safety with Foreign Countries," as necessary.

a. Aircraft

(1) New aircraft

- (a) The relevant aircraft conforms to the type design prescribed in the FAA's Type Certificate Data Sheet and the STC approved by the FAA.
- (b) The relevant aircraft is in a condition for safe operation, including the conformity to the AD notified by the FAA.
- (c) The relevant aircraft conforms to all additional requirements notified by the FAA.
- (d) Final operational check has been conducted.
- (e) The relevant aircraft is marked in accordance with the method indicated in 14CFR §45.11.
- (f) The instructions for continued airworthiness as prescribed in 14CFR §21.50 and the manufacturer's maintenance manual containing airworthiness limitations are attached.

(2) Used aircraft

- (a) The relevant aircraft conforms to the type design prescribed in the FAA's Type Certificate Data Sheet and the STC approved by the FAA.
- (b) The relevant aircraft is in a condition for safe operation, including the conformity to ADs of all applicable countries that design aircraft.
- (c) The relevant aircraft has been properly maintained while being used, in accordance with approved procedures and methods (presentation of records of a logbook and maintenance book).
- (d) The relevant aircraft conforms to all additional requirements notified by the FAA.
- (e) The relevant aircraft is marked in accordance with the method indicated in 14CFR §45.11.

- (f) The instructions for continued airworthiness as prescribed in 14CFR §21.50 and the manufacturer's maintenance manual containing airworthiness limitations are attached.

b. Components, etc.

(1) New engines

- (a) The relevant engine conforms to the type design prescribed in the FAA's Type Certificate Data Sheet and the STC approved by the FAA.
- (b) The relevant engine is in a condition for safe operation, including the conformity to the AD notified by the FAA.
- (c) The relevant engine conforms to all additional requirements notified by the FAA.
- (d) Final operational check has been conducted.
- (e) The relevant engine is marked in accordance with the method indicated in 14CFR §45.11.
- (f) The instructions for continued airworthiness as prescribed in 14CFR §21.50 and the manufacturer's maintenance manual containing airworthiness limitations are attached.

(2) New components that have obtained TSO Design Approval of the FAA

- (a) The relevant component conforms to the design prescribed in an FAA Letter of TSO Design Approval.
- (b) The relevant component conforms to the AD notified by the FAA.
- (c) The relevant component is marked in accordance with 14CFR Part 21, Subpart O, and all additional marking requirements specified in the particular TSO.
- (d) The relevant component conforms to all additional requirements notified by the FAA.

(3) New parts for modification or replacement

- (a) The relevant part can be installed in products or components that have obtained design approval of the FAA.
- (b) The relevant part conforms to the design data approved by the FAA and is safe for installation.
- (c) The relevant part is marked with a part number, serial number (if applicable), and the manufacturer's name or trade mark. In addition, information concerning the model designation of the FAA type certificated aircraft or engine, for which the part is eligible for installation, is furnished.
- (d) The relevant part conforms to all additional requirements notified by the FAA.

c. Prescribed emergency equipment

(1) New prescribed emergency equipment that has obtained TSO Design Approval of the FAA

- (a) The relevant equipment conforms to the design prescribed in an FAA Letter of TSO Design Approval.
- (b) The relevant equipment conforms to the AD notified by the FAA.
- (c) The relevant equipment is marked in accordance with 14CFR Part 21, Subpart O, and all additional marking requirements specified in the particular TSO.

- (d) The relevant equipment conforms to all additional requirements notified by the FAA.
- (2) New parts for modification or replacement
 - (a) The relevant part can be installed in products or components that have obtained design approval of the FAA.
 - (b) The relevant part conforms to the design data approved by the FAA and is safe for installation.
 - (c) The relevant part is marked with a part number, serial number (if applicable), and the manufacturer's name or trade mark. In addition, information concerning the model designation of the FAA type certificated aircraft or engine, for which the part is eligible for installation, is furnished.
 - (d) The relevant part conforms to all additional requirements notified by the FAA.