

**HONG KONG SPECIAL ADMINISTRATIVE REGION  
SPECIAL REQUIREMENTS**

October 6, 2004

**1. INTRODUCTION**

**1.1** This document specifies the Special Requirements that must be met when exporting civil aeronautical Class I, II and III products from the United States to the Hong Kong Special Administrative Region (HKSAR).

**1.2** All questions and correspondence related to these Special Requirements should be addressed to:

Civil Aviation Department  
Flight Standards and Airworthiness Division  
10/F Commercial Building,  
Airport Freight Forwarding Centre  
2 Chun Wan Road  
Chek Lap Kok  
Hong Kong

Tel: +852 2769 7641  
FAX: +852 2362 4250  
Telex: 39524 CFSHK HX  
E-mail: <mailto:awo@cad.gov.hk>

**2. ACCEPTANCE OF DESIGN FOR IMPORTED AERONAUTICAL PRODUCTS**

**2.1** The Civil Aviation Department of HKSAR (CAD) will require the information necessary to become conversant with the design of all aircraft in excess of 2,730 kg (6,000 pounds) authorized weight intended for the issue of a Hong Kong Certificate of Airworthiness in any Category. CAD may then issue Additional Requirements to cover certain features that would otherwise not meet the standards and that are implicit to HKAR-1 and the Air Navigation (Hong Kong) Order 1995. Aircraft that are type certificated by the Federal Aviation Administration are accepted by CAD as in full compliance with the basic certification of the Hong Kong airworthiness standards.

**2.2** An aircraft engine or propeller that is part of the aircraft is accepted by CAD and requires no further approval when listed on the aircraft's FAA approved type certificate data sheet.

**2.3** An aircraft engine or propeller that is not part of an offered aircraft may require a preliminary CAD investigation to establish the standards for Hong Kong certification and, where necessary, any Additional Requirements that may apply.

**2.4** An appliance approved under an FAA Technical Standard Order will be accepted provided it is accompanied by the documents specified in Section 3.2.

**2.5** A replacement or modification part produced under an FAA Parts Manufacturer Approval (PMA) will be accepted provided it satisfies the Hong Kong Airworthiness Notice No. 17 Appendix 1 (available on Internet at <http://www.cad.gov.hk/english/HKAN.html> under "Information at a Glance") and is accompanied by the documents specified in Section 3.3.

**2.6** Noise certification. CAD acknowledges that the FAA does not issue a separate noise or emission certificate. Noise certification is accomplished as part of the aircraft type certification as stated on the FAA aircraft type certificate data sheet. Any change in the product's type design that effects noise or emissions will require re-substantiation of the noise and emission data.

### **3. ACCEPTANCE OF AERONAUTICAL PRODUCTS**

#### **3.1 CLASS I PRODUCTS**

##### **3.1.1 NEW AIRCRAFT**

**3.1.1.1** Each imported aircraft of a type/model/series validated by CAD must be accompanied by the following documents:

(a) An FAA Form 8130-4, Export Certificate of Airworthiness (C of A), issued in accordance with Title 14 Code of Federal Regulations (14 CFR), part 21, subpart L. The year of manufacture and serial number of the aircraft, as well as the serial number for each aircraft engine or propeller, must be stated on the Export C of A.

(b) Statement of non-registration or de-registration.

(c) \* A copy of the type certificate and type certificate data sheet.

(d) Statement of Build Standard and Letter of Definition / Letter of Conformity.

(e) A listing of all incorporated Supplemental Type Certificates (STC) for approved major modifications.

(f) A listing of all customer options (modification, equipment, service bulletins) incorporated.

(g) FAA Approved Flight Manual, Operating Manual/Owners Manual.

(h) List of applicable and incorporated FAA Airworthiness Directives, to include:

(1) A declaration of compliance with all Airworthiness Directives issued by the FAA, and where optional means of compliance are offered, the means chosen shall be stated; and

**(2)** Identification of FAA Airworthiness Directives containing repetitive compliance requirements. Information as to when the next compliance is due must also be provided.

**(i)** List of incorporated Service Bulletins as part of the aircraft records retained in accordance with 14 CFR § 91.417(b).

**(j)** Service Life & Time Limits Manual.

**(k)** \* Master Minimum Equipment List.

**(l)** Current weight and balance report.

**(m)** Aircraft/engine/propeller/APU logbooks.

**(n)** Production flight test report, if available.

**(o)** A list of defects to be rectified by the HKSAR operator at the time of issue of the Export C of A, if any.

**(p)** \*\* Seating configuration approval document, where appropriate.

**(q)** \*\*\* Maintenance Review Board Report, where applicable.

**(r)** Electrical Load Analysis Report.

**(s)** Manuals including:

**(1)** \* Maintenance Manual.

**(2)** \* Weight and balance loading procedures.

**(3)** \* Overhaul Manual.

**(4)** \* Structural Repair Manual.

**(5)** \* Component Maintenance Manual.

**(6)** \* Engine Maintenance and Overhaul Manual.

**(7)** \* Standard Practices Manual.

**(8)** \* Non-Destructive Testing Manual.

**(9)** \* Structural Significant Items, where applicable.

**(10)** \* Maintenance Planning Document.

- (11) \* Illustrated Parts Catalog.
- (12) \* Wiring Diagrams Manual.
- (t) Record of compass system and magnetic compass swings.
- (u) Record of rigging checks.
- (v) Detailed list of radio equipment constituting the radio station.
- (w) List of serial number of significant component parts.
- (x) Antenna performance pattern, when available.
- (y) Software criticality list.
- (z) \* Noise type certificate.
- (aa) List of manufacturing concessions/deviations.
- (bb) Declaration of Mode 'S' code.
- (cc) Declaration of emergency locator transmitter code (406 MHz).
- (dd) Declaration of SELCAL code.
- (ee) Flight data recorder/cockpit voice recorder compliance statement.
- (ff) \* Data frame structure of flight data recorder.

Notes: \* Required only with first aircraft of a particular type and model exported to HKSAR.

\*\* Normally only required for aircraft over 2,730 kg (6,000 lbs.) in Public Transport Category.

\*\*\* Both of foregoing apply.

### **3.1.2 USED AIRCRAFT**

**3.1.2.1** In addition to the requirements in 3.1.1.1 (a) through (ff) above, the following is required for used aircraft.

(a) Maintenance records (historical records, logbooks, or equivalent) as required by 14 CFR § 91.417(a)(2).

(b) Record of most recent altimeter and transponder tests and inspection.

(c) \*\* The maintenance program to which the aircraft has previously been maintained including:

(1) Previous check cycle.

(2) Future check cycle.

(3) Certification Maintenance Requirements status and compliance, as applicable.

(d) \*\* Component overhaul life summary, including details of service life remaining and modification standards.

(e) \*\* Compliance with structural inspection program and corrosion prevention and control program. This should include details of any structure-sampling program in which the aircraft has been included, together with details of the aircraft position in the program.

(f) Modification status report and repair records.

(g) Operational approval status and compliance, such as Reduced Vertical Separation Minima, Required Navigation Performance, All Weather Operation and Extended Range Twin Operation status.

**Note:** \*\* Normally only required for aircraft over 2,730 kg (6,000 lbs.) in Public Transport Category.

### **3.1.3 AIRCRAFT ENGINE OR PROPELLER (not installed on an aircraft)**

**3.1.3.1** Each imported new or used aircraft engine or propeller not installed on an aircraft must be accompanied by the following documents:

(a) An FAA Form 8130-4, Export Certificate of Airworthiness, issued in accordance with 14 CFR part 21, subpart L.

(b) A list of all incorporated STC for approved major modifications.

(c) A list of applicable and incorporated FAA Airworthiness Directives, to include:

(1) A declaration of compliance with all Airworthiness Directives issued by the FAA, and where optional means of compliance are offered, the means chosen shall be stated; and

(2) Identification of FAA Airworthiness Directives containing repetitive compliance requirements. Information as to when the next compliance is due must also be provided.

(d) A list of incorporated Service Bulletins as part of the records retained in accordance with 14 CFR § 91.417(a)(2).

(e) Identification of life limited parts.

(f) Maintenance records (historical records, logbooks, or equivalent) as applicable.

### **3.2. CLASS II PRODUCTS**

**3.2.1.** The following documents are required for each imported new or used Class II product:

(a) FAA Form 8130-3, Airworthiness Approval Tag, issued in accordance with 14 CFR part 21, subpart L.

(b) List of incorporated FAA Airworthiness Directives, as applicable.

(c) List of incorporated Service Bulletins, as applicable.

(d) Maintenance related documents and repair records, if applicable.

(e) Record of life limited parts, if applicable.

### **3.3 CLASS III PRODUCTS**

**3.3.1** One of the following documents (as identified in (a) or (b) below) is required for imported new Class III products:

(a) FAA Form 8130-3, Airworthiness Approval Tag, issued in accordance with 14 CFR part 21, subpart L, under one of the following FAA production approvals:

(1) A Production Certificate issued in accordance with 14 CFR part 21, subpart G;

(2) An Approved Production Inspection System (APIS) issued in accordance with 14 CFR part 21, subpart F;

(3) An FAA Parts Manufacturer Approval (PMA), same as Section 2.5, issued in accordance with 14 CFR part 21, subpart K;

(4) A Technical Standard Order (TSO) authorization issued in accordance with 14 CFR part 21, subpart O; or

(b) A Certificate of Conformance stating that the parts were manufactured in accordance with an established U.S. industry or U.S. government specification, or a HKSAR industry specification.

### **End of Special Requirements for Hong Kong**