

Attachment 1

 <p>中華民國交通部民用航空局 CIVIL AVIATION ADMINISTRATION MINISTRY OF TRANSPORTATION AND COMMUNICATIONS, R.O.C</p> <p>航空產品與其各項裝備及零組件使用中故障、失效或缺陷初步書面報告 Preliminary Report of Failures, Malfunctions, and Defects</p>		
<p>1. 產品型號 Product model</p>		
<p>2. 航空器序號 Aircraft Serial Number</p>	<p>3. 時間 Date & Time</p>	<p>4. 地點 Location</p>
<p>5. 技術標準件序號及型號代號 Article Serial Number and Model Designation (When the failure, malfunction, or defect is associated with an article approved under a TSO authorization.)</p>		
<p>6. 發動機或螺旋槳序號 Engine or Propeller Serial Number (When the failure, malfunction, or defect is associated with an engine or propeller)</p>		
<p>7. 零組件、組件或系統之名稱及件號 Identification of the part, component, or system involved. (The Identification must include the part number.)</p>		
<p>8. 故障、失效或缺陷之性質 Nature of the failure, malfunction, or defect</p>		
<p>9. 初步原因分析 Preliminary Cause Analysis</p>		
<p>10. 製造者代表簽章 Signature of Manufacturer's Representative</p>	<p>11. 日期 Date</p>	

Attachment 2

 <p>中華民國交通部民用航空局 CIVIL AVIATION ADMINISTRATION MINISTRY OF TRANSPORTATION AND COMMUNICATIONS, R.O.C 免予適用相關適航標準申請書 Application for Exemption from Parts of Airworthiness Standards</p>	
1. 申請人名稱及地址 Name and address of applicant	
2. 免予適用之適航標準及其具體條款 Proposed requirements of airworthiness standards to be exempted	
3. 申請之原因 Reason(s) for application	
4. 為確保具有等效安全所採取之措施及限制 Provisions and limitations to ensure equivalent level of safety	
5. 免予適用之範圍，包括航空產品與其各項裝備及零組件、適用期限 Scope of Exemption, including type and serial numbers of applicable aviation product, parts, and effective time	
6. 聲明 – 本人聲明以上陳述均屬事實 I certify that the above statements are true.	
7. 申請人簽章 Signature of Applicant	8. 日期 Date

Attachment 3

 中華民國交通部民用航空局 CIVIL AVIATION ADMINISTRATION MINISTRY OF TRANSPORTATION AND COMMUNICATIONS, R.O.C		
型別檢定證、補充型別檢定證或製造許可證申請書 APPLICATION FOR TYPE CERTIFICATE, PRODUCTION CERTIFICATE, OR SUPPLEMENTAL TYPE CERTIFICATE		
1. 申請人名稱 Name of applicant	6. 申請類別 Application made for <input type="checkbox"/> 型別檢定證 (Type Certificate) <input type="checkbox"/> 補充型別檢定證 (Supplemental Type Certificate) <input type="checkbox"/> 製造許可證 (Production Certificate)	7. 檢定產品 Product Involved <input type="checkbox"/> 航空器 Aircraft <input type="checkbox"/> 發動機 Engine <input type="checkbox"/> 螺旋槳 Propeller
2. 地址 Address of applicant		
3. 電話 Tel		
4. 傳真 Fax		
5. 電子郵件 E-mail		
8. 型別檢定證 TYPE CERTIFICATE (填寫8a Complete item 8a below)		
a 產品型別名稱 Model designation(s) · (附上所申請之航空器、發動機、螺旋槳型別清單上產品之設計、材質、規範、構造及性能之技術資料/藍圖 All models listed are to be completely described in the required technical data, including drawings representing the design, material, specifications, construction, and performance of the aircraft, aircraft engine, propeller which is the subject of this application.)		
9. 補充型別檢定證 SUPPLEMENTAL TYPE CERTIFICATE (填寫9a-d Complete items 9a-d below)		
a. 修改之產品型別及製造廠 Make and model designation of product to be modified		
b. 修改內容描述 Description of modification		
c. 資料銷售或提供予他人 Will data be available for sale or release to other persons? <input type="checkbox"/> 是Yes <input type="checkbox"/> 否No		d. 製造銷售零組件 Will parts be manufactured for sale? <input type="checkbox"/> 是Yes <input type="checkbox"/> 否No
10. 製造許可證 PRODUCTION CERTIFICATE (填寫10a-c Complete items 10a-c below) (與本申請書同時提交品質控制手冊或依要求因新增生產項目而修改之文件影本一份 Submit with this form, in manual form, one copy of quality control data or changes thereto covering new products, as required by applicable requirements.)		
a 工廠地址(若與上述地址不同) · Factory address (if different from above)	b. 申請 Application is for – <input type="checkbox"/> 首次申請 New production certificate <input type="checkbox"/> 新增製造許可項目(提供製造許可證證號) Additions to production Certificate (Give P.C. No.)	
c 申請人為型別檢定證或補充型別檢定證之持有人或其授權使用者 · Applicant is holder of or a licensee under a Type Certificate or a Supplemental Type Certificate (附上授權書並填寫證號) _____ (Attach evidence of licensing agreement and give certificate number)		製造許可證證號 P.C. No. 型別檢定證/補充型別檢定證證號 T.C./S.T.C. No.
11. 保證 – 本人保證上述聲明屬實 I certify that the above statements are true.		
12. 申請人簽章 Signature of certifying official		13. 日期 Date

Attachment 5 Certification Flight Test

- (1)** Upon showing compliance, the applicant must make all flight tests that the CAA finds necessary--

 - (a) To determine compliance with the applicable requirements of this subchapter; and
 - (b) For aircraft to be certificated under this rule, to determine whether there is reasonable assurance that the aircraft, its components, and its equipment are reliable and function properly.

- (2)** Each applicant for an aircraft type certificate must make the tests listed in paragraph (1) of this section. Before making the tests the applicant must show—

 - (a) Compliance with the applicable structural requirements of this subchapter;
 - (b) Completion of necessary ground inspections and tests;
 - (c) That the aircraft conforms with the type design; and
 - (d) That the CAA received a flight test report from the applicant containing the results of his tests.

- (3)** Each applicant must, if practicable, make the tests prescribed in paragraph (1) (b) of this section upon the aircraft that was used to show compliance with—

 - (a) Paragraph (1a) of this section and
 - (b) For rotorcraft, the rotor drive endurance tests as applicable

- (4)** Each applicant must show for each flight test (except in a glider or a free balloon) that adequate provision is made for the flight test crew for emergency egress and the use of parachutes.

- (5)** Except in gliders and free balloons, an applicant must discontinue flight tests under this section until he shows that corrective action has been taken, whenever—

 - (a) The applicant's test pilot is unable or unwilling to make any of the required flight tests; or
 - (b) Items of noncompliance with requirements are found that may make additional test data meaningless or that would make further testing unduly hazardous.

- (6)** The flight tests prescribed in paragraph (1)(b) of this section must include—

 - (a) For aircraft incorporating turbine engines of a type not previously used in a type certificated aircraft, at least 300 hours of operation with a full complement of engines that conform to a type certificate; and
 - (b) For all other aircraft, at least 150 hours of operation.

Attachment 5-1

An organization responsible for the type design or manufacture of aircraft shall establish and maintain a safety management system (SMS). The safety management system shall comply with the following requirements and its implementation shall be commensurate with the size of the organization and the complexity of the services provided.

(1) Safety policy and objectives

(a) Management commitment and responsibility

The organization responsible for the type design or manufacture of aircraft shall define the organization's safety policy which shall be in accordance with international/ national requirements and shall be signed by the Accountable Executive of the organization. The safety policy shall reflect organizational commitments regarding safety; include a clear statement about the provision of the necessary human and financial resources for its implementation; and be communicated, with visible endorsement, throughout the organization. The safety policy shall be periodically reviewed to ensure it remains relevant and appropriate to the organization.

(b) Safety accountabilities of managers

The organization responsible for the type design or manufacture of aircraft shall identify the safety accountabilities of the Accountable Executive, senior management and all members, irrespective of other functions. Safety accountabilities and authorities shall be documented and communicated throughout the organization. The organization responsible for the type design or manufacture of aircraft, irrespective of other functions, shall have ultimate responsibility and accountability for the implementation and maintenance of the SMS.

(c) Appointment of key safety personnel

The organization responsible for the type design or manufacture of aircraft shall identify a safety manager to be the responsible individual and focal point for the implementation and maintenance of an effective SMS.

(d) Coordination of emergency response planning

The organization responsible for the type design or manufacture of aircraft shall develop, coordinate and maintain an emergency response plan that ensures orderly and efficient transition from normal to emergency operations, and return to normal operations. The emergency response plan shall also coordinate with similar plans developed by other aviation organizations.

(e) Documentation

The organization responsible for the type design or manufacture of aircraft shall develop and maintain SMS documentation to describe the safety policy and objectives, the SMS requirements, the SMS procedures and processes, the accountabilities, responsibilities and authorities for procedures and processes, and the SMS outputs. As part of the SMS documentation, the organization shall develop and maintain a safety management manual (SMM), to communicate its approach to safety throughout the organization.

(2) Safety risk management

(a) Hazard identification process

The organization responsible for the type design or manufacture of aircraft shall develop and maintain a formal process for effectively collecting, recording, acting on and generating feedback about hazards in operations, based on a combination of reactive, proactive and predictive methods of safety data collection.

(b) Risk assessment and mitigation process

The organization responsible for the type design or manufacture of aircraft shall develop and maintain a formal risk management process that ensures analysis, assessment and control of risks to an acceptable level.

(3) Safety assurance

(a) Safety performance monitoring and measurement

The organization responsible for the type design or manufacture of aircraft shall develop and maintain the means to verify the safety performance of the organization compared to the safety policy and objectives, and to validate the effectiveness of safety risks controls.

(b) The management of change

The organization responsible for the type design or manufacture of aircraft shall develop and maintain a formal process to identify changes within the organization which may affect established processes and services; to describe the arrangements to ensure safety performance before implementing changes; and to eliminate or modify safety risk controls that are no longer needed or effective due to changes in the operational environment.

(c) Continuous improvement of the SMS

The organization responsible for the type design or manufacture of aircraft shall develop and maintain a formal process to identify the causes of sub-standard performance of the SMS, determine the implications of sub-standard performance in operations, and eliminate such causes.

(4) Safety promotion

(a) Training and education

The organization responsible for the type design or manufacture of aircraft shall develop and maintain a safety training program that ensures that personnel are trained and competent to perform the SMS duties. The scope of the safety training shall be appropriate to each individual's involvement in the SMS.

(b) Safety communication

The organization responsible for the type design or manufacture of aircraft shall develop and maintain formal means for safety communication, that ensures that all personnel are fully aware of the SMS, conveys safety critical information, and explains why particular safety actions are taken and why safety procedures are introduced or changed.

Attachment 6 Procedure for Validating Imported Aircraft Products

(1) Definition

(a) Type Certificate Data Sheet (hereinafter referred to as TCDS): The supplemental document that accompanies with the TC that serves as one necessary essential part of TC. The TCDS specifies the principal design data and operation limitations of the authority certificated aviation product that were approved by certificated Authority.

(b) Validation of Type Certificate (hereinafter referred to as VTC): The evaluation activity activities conducted by CAA for validating the design, manufacturing and performance of continuous maintenance support of the foreign certificated civil aviation products that prior to the importation into Taiwan.

(c) Type Validation Certification Basis: The applicable airworthiness standards and environment requirements defined by CAA for type validation of civil aviation product. The special conditions and exemption items, if exist; also serve as part of certification.

(2) Administrative procedure

The VTC procedure is generally divided into following five stages: Pre-application Stage, Formal Application Stage, Document Compliance Stage, Certification Stage, wrap Up Stage.

(a) Pre-application Stage:

- (i) Assign the validation team numbers.
- (ii) Notify the applicant the application is accepted being processed and inform him to submit the relevant certification documentation as required by CAA. In addition, inform the applicant of the validation process and negotiate with advise the applicant to settle down the validation schedule

(b) Formal Application Stage

- (i) Assist the applicant to get familiar with Taiwan's validation system as well as the certification basis (including applicable airworthiness standards, environment requirements and the special requirements condition, if necessary) of the product under validation.
- (ii) When necessary, conduct a preliminary evaluation, based on all information available, the certification capacity of both the applicant and the Exporting Authority.
- (iii) As the document packages are received, check carry on the integrity and item for check completeness.

(c) Document Compliance Stage

- (i) Familiarization Meeting: The validation team members may invite applicant to visit CAA so as to convene a familiarization meeting. The functions of this meeting are to promote mutual understanding, and clarify technical issues arisen from the document review, and so as to expedite the pace of validation.

- (ii) Ensure if the provided documents are sufficient for document review.
- (iii) Determine if the product under validation result of document review is acceptable and thereafter if an on-site evaluation is needed.

(d) Certification Stage: Ensure that all the questions and technical issues arisen from document review all stages have been clarified.

(e) Wrap-Up Stage: CAA will issue the VTC certificate for the validated product to the TC holder when it the result is deemed satisfactory or otherwise inform the applicant of the reason of rejection.

- (3) A product under application can be waived from the above-mentioned procedure if it has been type certificated by FAA, JAA or EASA. However, the applicant still have to provide CAA copies of the effective TC, TCDS, special conditions, exemption items as well as the equivalent safety findings that were issued or agreed by the cognizant Authority. Additional documents may be requested by the CAA if deemed necessary before issuance of VTC certificate.

Attachment 7

中華民國交通部民用航空局
CIVIL AVIATION ADMINISTRATION
Ministry of Transportation and Communications
Republic of China

型別認可檢定證

TYPE VALIDATION CERTIFICATE

編號/No. CAA-VTC-XXX

本型別認可檢定證係發給：

製造廠名稱：

產品型別/型號：

經本局對上述產品審查後確認，其設計符合中華民國民用航空法之相關規定。本局對於由_____發給之第_____號型別檢定證給予認可。

中華民國 年 月 日 局 長：_____

This Type Validation Certificate is issued to:

Name of Manufacturer:

Product Type/Model:

This certificate is to certify that the above aviation product, as enclosed in the Type Certificate No. _____ issued by _____, has been found in compliance with the Civil Aviation Act of the Republic of China and is hereby validated.

Date of issue: ___ day of _____, _____ Director General: _____

Attachment 8

中華民國交通部民用航空局
CIVIL AVIATION ADMINISTRATION
Ministry of Transportation and Communications
Republic of China

補充型別檢定證

SUPPLEMENTAL TYPE CERTIFICATE

編號/No. CAA-STC-XXX

本補充型別檢定證係發給：

製造廠名稱：

產品型別/型號：

經本局對上述產品型別設計變更審查後確認，其設計變更符合中華民國民用航空法之相關規定。

中華民國 年 月 日 局 長：_____

This Supplemental Type Certificate is issued to:

Name of Manufacturer:

Product Type/Model:

This certificate is to certify that the above aviation product design change has been found in compliance with the Civil Aviation Act of the Republic of China.

Date of issue: ___ day of _____, _____ Director General: _____

Attachment 9

Each applicant for or holder of a PC, TSOA and PMA must provide a quality manual in compliance with the following quality system requirements to the CAA for approval.

- (1) Design data control: Procedures for controlling design data and subsequent changes to ensure that only current, correct, and approved data is used.
- (2) Document control: Procedures for controlling quality system documents and data and subsequent changes to ensure that only current, correct, and approved documents and data are used.
- (3) Supplier control: Procedures that—
 - (a) Ensure that each supplier-furnished product or article conforms to its approved design;
 - (b) Require each supplier to report to the production approval holder if a product or article has been released from that supplier and subsequently found not to conform to the applicable design data; and
 - (c) Make available to the CAA information regarding all delegation of authority to suppliers.
- (4) Manufacturing process control: Procedures for controlling manufacturing processes to ensure that each product and article conforms to its approved design.
- (5) Inspecting and testing: Procedures for inspections and tests used to ensure that each product and article conforms to its approved design. These procedures must include the following, as applicable:
 - (a) A flight test of each aircraft produced unless that aircraft will be exported as an unassembled aircraft.
 - (b) A functional test of each aircraft engine and each propeller produced.
- (6) Inspection, measuring, and test equipment control: Procedures to ensure calibration and control of all inspection, measuring, and test equipment used in determining conformity of each product and article to its approved design. Each calibration standard must be traceable to a standard acceptable to the CAA.
- (7) Inspection and test status: Procedures for documenting the inspection and test status of products and articles supplied or manufactured to the approved design.
- (8) Nonconforming product and article control:
 - (a) Procedures to ensure that only products or articles that conform to their approved design are installed on a type-certificated product. These procedures must provide for the identification, documentation, evaluation, segregation, and disposition of nonconforming products and articles. Only authorized individuals may make disposition determinations.

- (b) Procedures to ensure that discarded articles are rendered unusable.
- (9) Corrective and preventive actions: Procedures for implementing corrective and preventive actions to eliminate the causes of an actual or potential nonconformity to the approved design or noncompliance with the approved quality system.
- (10) Handling and storage: Procedures to prevent damage and deterioration of each product and article during handling, storage, preservation, and packaging.
- (11) Control of quality records: Procedures for identifying, storing, protecting, retrieving, and retaining quality records. A production approval holder must retain these records for at least 5 years for the products and articles manufactured under the approval and at least 10 years for critical components for which a replacement time, inspection interval, or related procedure is specified.
- (12) Internal audits: Procedures for planning, conducting, and documenting internal audits to ensure compliance with the approved quality system. The procedures must include reporting results of internal audits to the manager responsible for implementing corrective and preventive actions.
- (13) In-service feedback: Procedures for receiving and processing feedback on in-service failures, malfunctions, and defects. These procedures must include a process for assisting the design approval holder to—
 - (a) Address any in-service problem involving design changes; and
 - (b) Determine if any changes to the Instructions for Continued Airworthiness are necessary.
- (14) Quality escapes: Procedures for identifying, analyzing, and initiating appropriate corrective action for products or articles that have been released from the quality system and that do not conform to the applicable design data or quality system requirements.

Attachment 10

A

中華民國交通部民用航空局
CIVIL AVIATION ADMINISTRATION
Ministry of Transportation and Communications
Republic of China

製造許可證

PRODUCTION CERTIFICATE

編號/No. CAA-PC-XXX

本製造許可證係發給：

製造廠名稱：

產品型別/型號：

經本局審查確認，上述製造商之佐證資料、組織架構及製造設施符合中華民國民用航空法之相關規定，本證所附製造許可項目單(No._____)所列產品之製造，符合型別檢定之資料，准予製造。

中華民國 年 月 日 局 長：_____

This Production Certificate is issued to:

Name of Manufacturer:

Product Type/Model:

This certificate is to certify that the supporting data, organization and facilities of above manufacturer have been found in compliance with the Civil Aviation Act of the Republic of China. The products are manufactured in conformity with authenticated data, including drawings, for which Type Certificates specified in the pertinent and currently effective Production Limitation Record No. _____ were issued.

Date of issue: ___day of _____, _____ Director General:_____

Attachment 10

B

中華民國交通部民用航空局

CIVIL AVIATION ADMINISTRATION
Ministry of Transportation and Communications
Republic of China

製造許可項目表

PRODUCTION LIMITATION RECORD

編號/No. CAA-PLR-XXX

本製造許可項目表為製造許可證 No. _____ 之附件，准許此製造許可證之持有人得製造下列航空產品。

中華民國 年 月 日 局 長：_____

This Production Limitation Record serves as part of Production Certificate No. _____.

The holder of the said Production Certificate is permitted to produce the following civil aviation products.

Date of issue: ___ day of _____, _____ Director General: _____

型別檢定證	型號	核准製造日期
Type Certificate	Model	Date of Production Authorized

Attachment 10-1

1. 核准之民航主管機關/國家 Approving Aviation Authority/Country		2. 適航掛籤 AUTHORIZED RELEASE CERTIFICATE			3. 表單編號 Form Tracking Number	
4. 單位名稱及地址 Organization Name and Address :				5. 工作單/合約/發貨單 Work Order/Contract/Invoice		
6. 項目 Item	7. 產品 Description	8. 件號 Part Number	9. 數量 Qty.	10. 序號/批號 Serial/Batch No.	11. 產品狀態/工作 Status/Work	
12. 備註 Remarks						
13a. 聲明上述產品，已依下列資料進行製造： Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> 經核准之設計資料，並處於安全可用狀態。 Approved design data and are in a condition for safe operation. <input type="checkbox"/> 第 12 欄所述未核准之設計資料。 Non-approved design data specified in block 12.				14a. <input type="checkbox"/> 依 06-01A 第 8 條規定 Regulation 06-01A, Article 8 Release to Service <input type="checkbox"/> 依第 12 欄所載其他法規 Other regulation specified in block 12 聲明除第 12 欄之其他說明外，已依 06-01A 完成第 11 欄所述及第 12 欄所記載之工作，簽證該零件恢復可用。 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Regulation 06-01A and in respect to that work, the items are approved for release to service.		
13b. 核准人員簽名 Authorized Signature		13c. 核准/授權證書編號 Approval/ Authorization No.	14b. 簽證人員簽名 Authorized Signature		14c. 證書編號 Approval/Certificate Number	
13d. 核准人員姓名 Name(Typed or Printed)		13e. 核准日期(月/日/年)Date(m/d/yy)	14d. 簽證人員姓名 Name(Typed or Printed)		14e. 簽證日期(月/日/年)Date(m/d/yy)	
使用者/安裝者職責 User/Installer Responsibilities						
<p>This Certificate does not automatically constitute authority to install.</p> <p>Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.</p> <p>Statements in block(s) 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

CAA Form 1 (Issue 1)

Attachment 11

中華民國交通部民用航空局民用航空器適航證書

編號
Number _____

REPUBLIC OF CHINA
CIVIL AVIATION ADMINISTRATION, MINISTRY OF TRANSPORTATION AND
COMMUNICATIONS
CERTIFICATE OF AIRWORTHINESS

國籍及登記標誌 Nationality and Registration Marks	航空器之製造廠名稱及型別 Manufacturer and Manufacturers' Designation of Aircraft	航空器序號 Aircraft Serial Number
類別 Categories		用途 Use
<p>上開航空器依據民國三十三年議定之國際民用航空公約及中華民國民用航空法之規定發給本適航證書。</p> <p>該航空器在前述規定及相關之作業限制下維護及使用即屬適航。</p> <p>This Certificate of Airworthiness is issued Pursuant to the Convention on International Civil Aviation (1944), and the Civil Aviation Act and related regulations of the Republic of China. The aircraft is considered to be airworthy when maintained and operated in accordance with the pertinent regulations and approved operating limitations.</p> <p>限制及備註事項 Limitations/Remark :</p>		
發證日期 Date of Issue	局長 Director General	
本證有效期至 Valid Until		

Attachment 12

編號
NO. _____

中華民國交通部民用航空局民用航空器特種適航證書

REPUBLIC OF CHINA

CIVIL AVIATION ADMINISTRATION, MINISTRY OF TRANSPORTATION AND COMMUNICATIONS

SPECIAL AIRWORTHINESS CERTIFICATE

國籍及登記標誌 Nationality and Registration Marks		航空器之製造廠名稱及型別 Manufacturer and Manufacturers' Designation of Aircraft	航空器序號 Aircraft Serial Number
類別 Categories		飛航地區及目的 Operation Area and Purpose	
使用人 Operator	姓名 Name		
	地址 Address		
<p>附註： (1) 民航局派 _____ 隨機查核。 Remark CAA ASI _____ is assigned for inspecting the aircraft.</p> <p>(2) 試飛人員依航空器特種適航證申請書名冊為準 The flight crew must be listed on the application form.</p> <p>(3) 於 _____ 核准特種適航作業限制，為本證書之一部分。 Operating Limitations Dated _____ is/are part of this Certificate.</p>			
發證日期 Date of Issue		局長 Director General	
有效期至 Valid Until _____ 止			

Attachment 13 Special flight permits

(1) A special flight permit may be issued for an aircraft for the following purposes:

- (a) Flying the aircraft to a base where repairs, alterations, or maintenance are to be performed, or to a point of storage.
- (b) Delivering or exporting the aircraft.
- (c) Production flight testing new production aircraft.
- (d) Evacuating aircraft from areas of impending danger.
- (e) Conducting customer demonstration flights in new production aircraft that have satisfactorily completed production flight tests.
- (f) Authorize the operation of an aircraft at a weight in excess of its maximum certificated takeoff weight, for flight beyond the normal range over water or over land areas where adequate landing facilities or appropriate fuel is not available. The excess weight that may be authorized under this paragraph is limited to the additional fuel, fuel-carrying facilities, and navigation equipment necessary for the flight.

(2) Experimental certificates are issued for the following purposes:

- (a) *Research and development.* Testing new aircraft design concepts, new aircraft equipment, new aircraft installations, new aircraft operating techniques, or new uses for aircraft.
- (b) *Showing compliance with regulations.* Conducts flight tests and other operations to show compliance with the airworthiness regulations including flights to show compliance for issuance of type and supplemental type certificates, flights to substantiate major design changes, and flights to show compliance with the function and reliability requirements of the regulations.
- (c) *Crew training.* Train the applicant's flight crews.
- (d) *Exhibition.* Exhibiting the aircraft's flight capabilities, performance, or unusual characteristics at air shows, motion picture, television, and similar productions, and the maintenance of exhibition flight proficiency, including (for persons exhibiting aircraft) flying to and from such air shows and productions.
- (e) *Air racing.* Participating in air races, including (for such participants) practicing for such air races and flying to and from racing events.
- (f) *Market surveys.* Use of aircraft for purposes of conducting market surveys, sales demonstrations, and customer crew training.

(3) The manufacture of aircraft, the manufacture of aircraft Engines and the person who has altered the design of a type certificated aircraft may apply for an experimental certificate, if:

- (a) He has established an inspection and maintenance program for the continued airworthiness of the aircraft;
- (b) He shows that the aircraft has been flown for at least 50 hours or for at least 5 hours if it is a type certificated aircraft that has been modified.

Attachment 14

中華民國交通部民用航空局
CIVIL AVIATION ADMINISTRATION
MINISTRY OF TRANSPORTATION AND COMMUNICATIONS
REPUBLIC OF CHINA

零組件製造者核准書
PARTS MANUFACTURER APPROVAL

編號/No. CAA-PMA-XXX

經本局審查確認

公司名稱：

地 址：

符合中華民國民用航空法之設計及製造檢定要求，得製造下列之零組件：

- XXXX

據此授予零組件製造者核准書。

中華民國 年 月 日 局 長：_____

This is to certify that the Civil Aviation Administration, Republic of China, has found that

Name of Company:

Address of Company:

Meets the Civil Aviation Act requirements that applicable to the following listed parts:

- XXXX

A Parts Manufacturer Approval is hereby granted for production of the parts as prescribed.

Date of issue: ___day of _____, _____ Director General: _____

Attachment 15

 <p>中華民國交通部民用航空局 CIVIL AVIATION ADMINISTRATION MINISTRY OF TRANSPORTATION AND COMMUNICATIONS, R.O.C</p> <p>零組件製造者核准書申請書 APPLICATION FOR PARTS MANUFACTURER APPROVAL</p>	
1. 申請人名稱 Name of applicant	6. 申請項目：Application Made for <input type="checkbox"/> 新申請 New Application <input type="checkbox"/> 重大修改 Major Change <input type="checkbox"/> 增加新零件 Add New Part <input type="checkbox"/> 增加新適用機型 Add New Model Eligibility <input type="checkbox"/> 工廠擴充或地點變更 Expansion or Change Location <input type="checkbox"/> 公司名稱變更 Change Company Name <input type="checkbox"/> 公司組織變更 Change Organization
2. 地址 Address of applicant	
3. 電話 Tel	
4. 傳真 Fax	
5. 電子郵件E-mail	
7. 申請之零組件名稱 Part Name	
8. 申請之零組件編號 Applicant's Par Number	
9. 適用之航空產品型號 Model Eligibility	
10. 擬改裝或更換之原零組件編號 PAH's Part Number	
11. 原零組件藍圖編號及其版別(如適用) PAH's Drawing Number and Revision (If Applicable)	
12. 取得設計驗證之方法 Method of Design Approval	
13. 本申請書填具之內容正確無誤。I hereby certify that the contents of this application are correct.	
14. 申請人簽章 Signature of certifying official	15. 日期 Date

Attachment 16 (deleted)

Attachment 17 Airworthiness Approval Procedure

(1)Application

- (a)The applicant and application items for authorized release certificate including :
- (i)The holder of Production Certificate for aircraft engines, propellers that apply for the authorized release certificate of its products.
 - (ii)The holder of PMA and TSOA intended to supply its products to be installed in the type certified aircraft shall apply for the authorized release certificate of its products.
- (b)The manufacturer, owner or operator for aircraft engines, propellers and the manufacturer for TSO articles or PMA parts can apply for the export authorized release certificate of its products.
- (c)The applicant applies for the domestic and export authorized release certificate shall complete the application form thoroughly (see attached form) and submit the statement document to show that the product conforms to the approved design data and is in a condition for safe operation.
- (d)If the application package is not correct or complete, the CAA will notify the applicant to submit the supplemental data.

(2)Airworthiness Inspection

The inspector will visit the PAH's facility (and the suppliers, if necessary) to perform the airworthiness inspection. The inspection will consist of the following to ensure the product is:

- (a)In conformity to the approved the design data,
- (b)In a condition for safe operation,
- (c)In compliance with the marking requirements of the "Regulations Governing the Certification for Aviations Products, Appliances and Parts" and
- (d) For the export approval, in compliance with requirements (if any) of the importing country.

(3)Approval

- (a)After the review, the CAA will issue the authorized release certificate for the domestic airworthiness approval or export approval.
- (b)The holder of authorized release certificate for the domestic airworthiness approval or export approval will submit the original authorized release certificate and the products to the buyer. The holder shall keep the copy of the signed authorized release certificate for at least two years.

(4) Domestic Airworthiness Approval and Export Approval of the Newly-Overhauled or Used Product

- (a) An export approval for a newly overhauled or used product may not be issued unless the country of import has provided a written confirmation indicating that it will accept the product. The applicant also has to fulfill the requirement of paragraph (c).
- (b) If the applicant applies for the export airworthiness approval of the used product, a written statement from the importing country's CAA, submitted by the applicant, is required to acknowledge the status of the products being exported and that such an export approval is acceptable.
- (c) The applicant must show that the products conform to the approved design data.



適航掛籤申請書

Application Form for Authorized Release Certificate

第一部分：供申請人申請掛籤時使用

Part I: Application for the following approval:

適航掛籤 Airworthiness Approval

出口用適航掛籤 Export Airworthiness Approval

1. 申請人名稱 Name of Applicant	2. 申請人地址 Address of Applicant
3. 買受人 Purchaser	4. 進口國 Country of Destination (申請出口用適航掛籤時填寫 for export approval only)

5. 本產品/零組件適用於下列型號之產品上：
Product(s)/part(s) is (are) eligible for installation on the following make and model of product:

6. 本產品係： 新製造 New 新翻修 Newly Overhauled

7. 產品內容 The product(s) is (are) described：
 如發貨單或出貨資料 On the attached invoice or packing sheet, by name, part number and quantity
 產品名稱/件號/數量如下 Below by name, part number, and quantity：

產品型號或名稱 Model or Name	件號 Part No.	序號或批號 Serial No. or Batch No.	數量 Quantity

8. 是否符合適用之進口國特殊要求 (申請出口用適航掛籤時填寫, for export approval only)
Have applicable special requirements of the importing country been complied with?
 是 YES
 否 NO (勾選此項者, 應於備註欄詳註原因 Explain in item 11 "Remarks")

9. 是否符合適用之適航法規要求
Have applicable airworthiness requirements been complied with?
 是 YES
 否 NO (勾選此項者, 應於備註欄詳註原因 Explain in item 11 "Remarks")

10. 說明使產品免受侵蝕或損壞之保存及包裝方法 (列出規範或方法名稱)
Preservation and packaging methods used to protect parts against corrosion and damage (List Spec. or Title)
上述方法之有效期間 Effective duration of above methods：

11. 備註 Remarks

12. 出口者聲明：本申請表及有關附件所填各項均屬實。除第 11 項備註欄所列原因外，本產品為適航並符合經核准之設計資料，且可安全使用。
EXPORTER'S CERTIFICATION – I certify that the foregoing statements are true and that the parts described herein are airworthy, conform to CAA approved design data, and are in condition for safe operation except as may be noted in items 11 "Remarks".

13. 申請人簽名 Signature	14. 職稱 Title	15. 申請日期 Date
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第二部分：供民航局使用

Part II: APPROVAL (FOR CAA USE ONLY)

16. 針對申請之產品共發給 適航掛籤 出口用適航掛籤 _____ 份。
Quantity of Authorized Release Certificates, CAA Form 1, issued for the product(s)/part(s) described in this form.

17. 除第 11 項備註欄所列原因外，本申請表所列之產品為適航，並符合適當之要求。
It is considered that the product(s)/part(s) described in this form is (are) airworthy and conform(s) to pertinent requirements except as noted in item 11 "Remarks".

18. 簽名 Signature	19. 證號 Authorization No.	20. 核准日期 Date
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Attachment 18 Appliance Design Validation Procedure

- (1) Appliance imported to use on the type certificated product, the appliances manufacturer shall submit the following document, together with an Application Letter, to the CAA for the application of the design validation unless that appliance already validated by CAA together under product type validation :
 - (a) Certification Plan: To prescribe the certification overview and list all the applicable airworthiness requirements and industrial standards, including the “Compliance Checklist” to elaborate the means of compliance.
 - (b) The Certificate/Approval issued by the Civil Aviation Authority of the exporting country to demonstrate the eligible design and production approval.
 - (c) The test reports or analyses to demonstrate the compliance with the applicable requirements and standards.
 - (d) Instructions for Continued Airworthiness: Components Maintenance Manual (CMM) and Illustrated Parts Catalog (IPC) etc.
 - (e) The relevant approval document showing the validity of the installation of the concerning appliances; and other document deemed necessary.
 - (f) Statement of Conformance: A statement to certify that all the applicable requirements have been complied with and signed by the authorized personnel.
- (2) Manufacturer submitted document shall comply with CAA requirements. Manufacturer shall submit supporting document for reviewing when notify by CAA.
- (3) An manufacturer is entitled to a Appliance Design Validation Letter, if the CAA finds, after examination of the submitted document compliance with the CAA requirements.

Attachment 19

中華民國交通部民用航空局
CIVIL AVIATION ADMINISTRATION
Ministry of Transportation and Communications
Republic of China

技術標準件核准書

TECHNICAL STANDARD ORDER AUTHORIZATION

編號/No. CAA- TSOA -XXXX

經本局審查確認

公司名稱：

地 址：

符合頒布之技術標準規定之設計及製造檢定要求,得製造下列技術標準件：

-XXXX

據此授予技術標準件核准書。

註記：

中華民國 年 月 日 局 長：_____

This is to certify that the Civil Aviation Administration, Republic of China, has found that the

Name of Company:

Address of Company:

Meets the Civil Aviation Act requirements applicable to the following listed TSO items:

-XXXX

A Technical Standard Order Authorization is hereby granted for production of the TSO items as prescribed.

Remark:

Date of issue: ___day of _____, _____ Director General:_____

Attachment 20

 <p>中華民國交通部民用航空局 CIVIL AVIATION ADMINISTRATION MINISTRY OF TRANSPORTATION AND COMMUNICATIONS, R.O.C</p> <p>技術標準件核准書申請書 APPLICATION FOR TECHNICAL STANDARD ORDER AUTHORIZATION</p>	
1. 申請人名稱 Name of applicant	6. 申請項目：Application Made for <input type="checkbox"/> 新申請 New Application <input type="checkbox"/> 重大修改 Major Change <input type="checkbox"/> 工廠擴充或地點變更 Expansion or Change Location <input type="checkbox"/> 公司名稱變更 Change Company Name <input type="checkbox"/> 公司組織變更 Change Organization
2. 地址 Address of applicant	
3. 電話 Tel	
4. 傳真 Fax	
5. 電子郵件 E-mail	
7. 申請之技術標準件名稱 TSO Appliance	
8. 申請適用之《技術標準 規定》編號及名稱 TSO Number	
9. 本申請書填具之內容正確無誤 I hereby certify that the contents of this application are correct.	
10. 申請人簽章 Signature of certifying official	11. 日期 Date

Attachment 21 Identification plate and marking requirements

- (1) Any product being manufactured in accordance with these regulations must be identified by means of a fireproof plate and marking, that will not likely be defaced, and contain legible identification information, including the approved type certificate number, production certificate number, builder's name, model designation, builder's serial number, manufacturing date, and for aircraft engines, the established rating and shall comply with the following requirements-
 - (a) For aircraft, the identification plate must be secured adjacent to main (or aft) entrance door, or at a prominent location on the fuselage surface near the tail surfaces.
 - (b) For aircraft engine, the identification plate must be affixed to the engine at an accessible location in such a manner that it will not likely be defaced or lost during normal service.
 - (c) For propeller, the marking shall be placed on a non-critical surface of blades and hubs.
- (2) For critical part installed on the aircraft, for which the replacement time and inspection interval are specified, the part number and serial number must be marked on the part.
- (3) The parts manufactured according to a Parts Manufacturer Approval as prescribed in the Chapter 7 of this procedure shall permanently and legibly marked with the following information-
 - (a) The CAA-PMA marking;
 - (b) PMA holder's name, trademark, symbol, or other CAA approved identification; and
 - (c) The part number.
- (4) For the parts that are not able to be marked with above information, due to the size of the parts or otherwise, may be marked on an affixed tag on its package.
- (5) The TSO Article manufactured according to the Chapter 8 of this procedure shall permanently and legibly mark each article to which this section applies with the following information-
 - (a) TSO holder's name, trademark, symbol, or other CAA approved identification;
 - (b) The part number of the article;
 - (c) The serial number and the date of manufacture of the article; and
 - (d) The applicable TSO number and letter of designation, and all markings specifically required by the applicable TSO.

Table: Fees for Certification of Aviation Products, Appliances and Parts

Descriptions to Items for certification of Aviation Products, Appliances and parts

- (1) Foreign applicants who apply for issuance of a certificate in ROC by the Regulations herein shall pay certificate issuance fee listed in fee schedule 1 and certification application fee listed in Fee schedule 2. If CAA deems it necessary to assign inspectors to foreign country to conduct on-site evaluation during certification, foreign applicants shall pay additional inspection manpower fee listed in Fee schedule 2 and work expense in accordance with Fee schedule 3.
- (2) Native applicants
- (a) Apply for issuance of a certificate in ROC by the Regulations herein shall pay certificate issuance fee listed in Fee schedule 1.
- (b) Apply for sending a CAA inspector(s) to issue a certificate in a foreign country shall pay additional work expense in accordance with Fee schedule 3.

Fee schedule 1: Certificate issuance fees

Certificate	Certificate Issuance Fee
Type Certificate	NT\$ 6,000
Validation of Type Certificate	NT\$ 4,000
Type certificate amendment	NT\$ 2,000
Supplemental Type Certificate	NT\$ 2,000
Production Certificate	NT\$ 6,000
Parts Manufacturer Approval	NT\$ 2,000
Technical Standard Order Authorization	NT\$ 3,000
Certificate of Airworthiness (For aircraft with maximum takeoff weight exceeds 5,700 Kilograms)	NT\$ 6,000
Certificate of Airworthiness (For aircraft with maximum takeoff weight equal or less than 5,700 Kilograms)	NT\$ 3,000

Fee schedule 2: Certification application and Inspection manpower fees

Item	Fee	Remark
Certification application fee for Aviation Products	USD \$1,500	The foreign applicant must pay the certification application fee when he applies for the validation of type certificate for the imported aircraft, engine, and propeller.
Certification application fee for parts, components, or TSO articles	USD \$150	The foreign applicant must pay the certification application fee when he applies for the

		validation for the imported parts, components, or TSO articles.
Inspection manpower fee	USD \$245 (Per person per day)	This fee shall be collected based on the number of inspectors and total days traveling abroad for the certification functions.

Fee schedule 3: Work Expense

This work expense shall be collected based on number of man-days involved in the certification work and the total days required for that trip. It is determined according to the following formula:

Work Expense = [Basic work expense (A) + Daily work expense(B) × Total days for the trip] × Total number of inspectors assigned for the certification work.

Working Area	Basic work expense(A)	Daily work expense(B)
Northern Asia Area	USD \$600	USD \$316
Mid-Asia Area	USD \$1,777	USD \$289
Southern Asia Area	USD \$700	USD \$199
Europe, Australia Area	USD \$1,833	USD \$167
Northern America Area	USD \$1,300	USD \$218
Southern America Area	USD \$2,700	USD \$238

Remarks: If the amount of the work expense calculated in accordance with the above chart is not enough to cover the expense for the inspector to carry out the on-site certification, the work expense will be charged according to the actual cost generated from conducting the on-site certification.