



CIVIL AVIATION DIRECTIVE – 8206



IDENTIFICATION OF PRODUCTS, PARTS AND APPLIANCES

CAAM PART 21 SUBPART Q

CIVIL AVIATION AUTHORITY OF MALAYSIA

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Introduction

In exercise of the powers conferred by regulations 24O of the Civil Aviation Act 1969 [Act 3], the Chief Executive Officer Makes this Civil Aviation Directive (CAD) 8206 – Identification of Products, Parts and Appliances (CAAM Part 21 Subpart Q), pursuant to Regulation 21, 23, 31 and 193 of the Malaysian Civil Aviation Regulation (MCAR) 2016.

This CAD provides the procedures, requirements and mandatory obligation pertaining to identification of products, parts and appliances and for any matters connected therewith.

This CAD 8206 – Identification of Products, Parts and Appliances (CAAM Part 21 Subpart Q) is published by the Chief Executive Officer under section 24O of the Civil Aviation Act 1969 [Act 3] and come into operation on 15th November 2022.

Non-compliance with this CAD

Any person who contravenes any provision in this CAD commits an offence and shall on conviction be liable to the punishment under section 24O of the Civil Aviation Act 1969 [Act 3] and/or under Malaysia Civil Aviation Regulation 2016.



(Datuk Captain Chester Voo Chee Soon)
Chief Executive Officer
Civil Aviation Authority of Malaysia

Civil Aviation Directive components and Editorial practices

This Civil Aviation Directive is made up of the following components and are defined as follows:

Standards: Usually preceded by words such as “*shall*” or “*must*”, are any specification for physical characteristics, configuration, performance, personnel or procedure, where uniform application is necessary for the safety or regularity of air navigation and to which Operators must conform. In the event of impossibility of compliance, notification to the CAAM is compulsory.

Recommended Practices: Usually preceded by the words such as “*should*” or “*may*”, are any specification for physical characteristics, configuration, performance, personnel or procedure, where the uniform application is desirable in the interest of safety, regularity or efficiency of air navigation, and to which Operators will endeavour to conform.

Definitions: Terms used in the Standards and Recommended Practices which are not self-explanatory in that they do not have accepted dictionary meanings. A definition does not have an independent status but is an essential part of each Standard and Recommended Practice in which the term is used, since a change in the meaning of the term would affect the specification.

Tables and Figures: These add to or illustrate a Standard or Recommended Practice and which are referred to therein, form part of the associated Standard or Recommended Practice and have the same status.

Notes: Included in the text, where appropriate, Notes give factual information or references bearing on the Standards or Recommended Practices in question but not constituting part of the Standards or Recommended Practices;

Attachments: Material supplementary to the Standards and Recommended Practices or included as a guide to their application.

It is to be noted that some Standards in this Civil Aviation Directive incorporates, by reference, other specifications having the status of Recommended Practices. In such cases, the text of the Recommended Practice becomes part of the Standard.

The units of measurement used in this document are in accordance with the International System of Units (SI) as specified in CAD 5. Where CAD 5 permits the use of non-SI alternative units, these are shown in parentheses following the basic units. Where two sets of units are quoted it must not be assumed that the pairs of values are equal and interchangeable. It may, however, be inferred that an equivalent level of safety is achieved when either set of units is used exclusively.

Any reference to a portion of this document, which is identified by a number and/or title, includes all subdivisions of that portion.

Throughout this Civil Aviation Directive, the use of the male gender should be understood to include male and female persons.



Record of revisions

Revisions to this CAD shall be made by authorised personnel only. After inserting the revision, enter the required data in the revision sheet below. The *'Initials'* has to be signed off by the personnel responsible for the change.

Rev No.	Revision Date	Revision Details	Initials
ISS02/REV00	15 th November 2022	Refer to summary of changes	CAAM



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Summary of Changes

ISS/REV no.	Item no.	Revision Details
ISS02/REV00	Chapter 3	Added reference to paragraph 6 and 6.1 as applicable
	Para 4.1	Reword for clarity
	Para 4.1 c)	Added exception to the requirement
	Para 5.1	Reword for clarity
	Chapter 6	Added requirement on Identification of TSO Article



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1 General

1.1 Citation

1.1.1 These Directives are the Civil Aviation Directives 8206 – Identification of Products, Parts and Appliances (CAAM Part 21 Subpart Q) [CAD 8206], Issue 02/Revision 00, and comes into operation on 15th November 2022.

1.1.2 This CAD 8206 – Identification of Products, Parts and Appliances (CAAM Part 21 Subpart Q), Issue 02/Revision 00 will remain current until withdrawn or superseded.

1.2 Applicability

1.2.1 This CAD shall apply to:

- a) a holder of a certificate of approval for the design of aeronautical product issued under regulation 21 of MCAR;
- b) a holder of a certificate of approval for the manufacture of aeronautical product issued under regulation 21 of MCAR;
- c) a holder of any category of Type Certificate issued under regulation 23 of MCAR; and
- d) a holder of a certificate of approval for the maintenance of aeronautical product issued under regulation 31(1)(b) of MCAR.

1.3 Revocation

1.3.1 This CAD revokes Civil Aviation Directives 8206 – Identification of Products, Parts and Appliances (CAAM Part 21 Subpart Q) [CAD 8206] Issue 01/Revision 00, dated 1st May 2021.

1.4 Definition

1.4.1 In this CAD, unless the context otherwise requires:

CAD means Civil Aviation Directive

CAAM means Civil Aviation Authority Malaysia

MCAR means Civil Aviation Regulations 2016; and

Organisation means person under paragraphs 1.2.1 (a), (b), (c) and (d) of this CAD.



2 Identification of Aeronautical Products [21.801]

- 2.1 An organisation shall ensure the identification of aeronautical products shall have the following information:
- a) manufacturer's name;
 - b) product designation;
 - c) manufacturer's serial number; and
 - d) any other information as may be determined by CAAM.
- 2.2 A holder of a certificate of approval for the manufacture of aircraft or engine issued under regulation 21 of MCAR shall:
- a) identify that aircraft or engine by means of a fireproof plate that has the information specified in paragraph 4.1 of this CAD marked on it by etching, stamping, engraving or other method of fireproof marking as approved by CAAM; and
 - b) ensure the identification plate be secured in such a manner that it is accessible and legible, and shall not likely be defaced or removed during flight, lost or destroyed in an accident.
- 2.3 A holder of a certificate of approval for the manufacture of propeller, propeller blade or propeller hub issued under regulation 21 of MCAR shall:
- a) identify that propeller, propeller blade or propeller hub by means of a plate, stamping, engraving, etching or other method of fireproof identification as approved by CAAM that is placed on it on a non-critical surface, contains the information specified in paragraph 2.1 of this CAD; and
 - b) ensure the identification plate shall not likely be defaced or removed during flight, lost or destroyed in an accident.

3 Handling of Identification Plate and Information [21.803]

- 3.1 No person shall remove identification plate as prescribed in paragraph 4.1 and 6.1 of this CAD unless with the approval of CAAM.
- 3.2 No person shall remove or change identification information on the identification plate as stated in paragraph 2.1 and 6 of this CAD unless with the approval of CAAM.
- 3.3 Notwithstanding any other provision in this CAD and subject to the approval of CAAM, a holder of a certificate of approval for the maintenance of aeronautical product issued under regulation 31(b) of MCAR may—
- a) remove or change the identification information on the identification plate as stated in paragraph 2.1 and 6.1 of this CAD; or

b) remove the identification plate as prescribed in paragraph 4 or 6 of this CAD.

3.4 No person shall install an identification plate removed in accordance with paragraph 3.3(b) of this CAD other than the one from which it was removed.

4 Identification of Parts And Appliances [21.804]

4.1 Each part or appliance which is eligible for installation in a type certified product shall be marked permanently and legibly with:

- a) a name, trademark or symbol identifying the manufacturer in a manner identified by a holder of a certificate of approval for the design of aeronautical product issued under regulation 21;
- b) the part number as defined in the applicable design data; and
- c) the part number for parts and appliances produced in accordance with approved design data not belonging to the holder of a type certificate of the related aeronautical product, except for Technical Standard Order (TSO) articles and for part and appliances covered under paragraph 5.2 of CAD 8204.

4.2 Subject to the approval of CAAM, an organisation may mark part and appliance not in accordance with paragraph 4.1 of this CAD if CAAM is satisfied that part and appliance are too small or impractical to mark it with information as stated in paragraph 4.1 of this CAD. The authorised release document accompanying the part or appliance or its container shall include the information that could not be mark on the part or appliance.

5 Identification of Critical Parts [21.805]

5.1 In addition to paragraph 4 of this CAD, an organisation shall permanently and legibly mark a part to be fitted on a type certified product which has been identified as a critical part with a part number and a serial number.

6 Identification of TSO articles [21.807]

6.1 Each holder of an TSO authorisation under CAD 8205 CAAM Part 21 Subpart O shall permanently and legibly mark each article with the following information:

- a) the name and address of the manufacturer;
- b) the name, type, part number or model designation of the article;
- c) the serial number or the date of manufacture of the article or both; and
- d) the applicable TSO number.

6.2 By way of derogation from paragraph 6.1, if CAAM agrees that a part is too small or that it is otherwise impractical to mark a part with any of the information required by



paragraph 6.1, the authorised release document accompanying the part or its container shall include the information that could not be marked on the part.

- 6.3 The certificate holder who manufactures an Auxiliary Power Unit (APU) under CAD 8201 shall identify that APU by means of a fireproof plate that has the information specified in paragraph 6.1 marked on it by etching, stamping, engraving, or other approved method of fireproof marking. The identification plate shall be secured in such a manner that it is accessible and legible, and will not likely be defaced or removed during normal service, or lost or destroyed in an accident.