



European Union Aviation Safety Agency

Notice of Proposed Amendment 2025-02(C)

issued in accordance with Article 6 of MB Decision 01-2022

Proposed amendments to Annex I (Part 21) to Regulation (EU) No 748/2012



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Proposed amendments

The amendments are arranged as follows to show deleted, new and unchanged text:

- deleted text is ~~struck through~~;
- new text is highlighted in **blue**;
- an ellipsis '[...]' indicates that the rest of the text is unchanged.

21.A.2 Undertaking by a person other than the applicant for, or holder of, a certificate

The actions and obligations required to be undertaken by the applicant for, or holder of, a certificate for a product, part, ~~appliance~~ **non-installed equipment**, control and monitoring unit (CMU) or CMU component under this Section may be undertaken on their behalf by any other natural or legal person, provided the applicant for, or holder of, that certificate can show that they have made an agreement with the other person to ensure that the certificate holder's obligations are and will be properly discharged.

21.A.3A Reporting system

- (a) Without prejudice to Regulation (EU) No 376/2014 of the European Parliament and of the Council and its delegated and implementing acts, all natural or legal persons that have applied for or hold a type-certificate, restricted type-certificate, supplemental type-certificate, European Technical Standard Order (ETSO) authorisation, major repair design approval or any other relevant approval deemed to have been issued under this Regulation shall:
1. establish and maintain a system for collecting, investigating and analysing occurrence reports in order to identify adverse trends or to address deficiencies and to extract occurrences whose reporting is mandatory in accordance with point 3 and those which are reported voluntarily. When the principal place of business is located in a Member State, a single system may be established to meet the requirements of Regulation (EU) No 376/2014 of the European Parliament and of the Council and its implementing acts and of Regulation (EU) 2018/1139 and its delegated and implementing acts. The reporting system shall include:
 - (i) reports of and information related to failures, malfunctions, defects or other occurrences which cause or might cause adverse effects on the continuing airworthiness of the product, part, ~~appliance~~ **non-installed equipment**, UAS, CMU or CMU component covered by the type-certificate, restricted type-certificate, supplemental type-certificate, ETSO authorisation, major repair design approval or by any other relevant approval deemed to have been issued under this Regulation;



- (ii) errors, near misses and hazards that do not fall under point (i);
2. make available to known operators of the product, part, ~~appliance~~ **non-installed equipment**, UAS, CMU or CMU component and, on request, to any person authorised under other implementing or delegated acts the information about the system established in accordance with point 1, and on how to provide reports of and information related to failures, malfunctions, defects or other occurrences referred to in point 1(i);
 3. report to the Agency any failure, malfunction, defect or other occurrence of which it is aware and is related to a product, part, ~~appliance~~ **non-installed equipment**, UAS, CMU or CMU component covered by the type-certificate, restricted type-certificate, supplemental type-certificate, ETSO authorisation, major repair design approval or by any other relevant approval deemed to have been issued under this Regulation, and which has resulted or may result in an unsafe condition.
- (b) Without prejudice to Regulation (EU) No 376/2014 of the European Parliament and of the Council and its delegated and implementing acts, any natural or legal person that holds or has applied for a production organisation approval certificate under Subpart G of this Section, or that produces a product, part, ~~appliance~~ **non-installed equipment**, UAS, CMU or CMU component under Subpart F of this Section, shall:
1. [...]
 2. report to the responsible design approval holder all the cases where products, parts, ~~appliances~~ **non-installed equipment**, UAS, CMUs or CMU components have been released by the production organisation and possible deviations from the applicable design data have been subsequently identified, and investigate with the design approval holder to identify those deviations which could lead to an unsafe condition;
 3. [...]
 4. if the production organisation acts as a supplier to another production organisation, also report to that other organisation all the cases where it has released products, parts, ~~appliances~~ **non-installed equipment**, UAS, CMUs or CMU components to that organisation and possible deviations from the applicable design data have been subsequently identified.

[...]

21.A.3B Airworthiness directives

- (a) An airworthiness directive means a document issued or adopted by the Agency which mandates actions to be performed on an aircraft, **or on a related engine, propeller, part, non-installed equipment**, ~~or on a~~ CMU **or CMU component** to restore an acceptable level of safety, when



evidence shows that the safety level of this aircraft, ~~UAS or CMU~~ may otherwise be compromised.

(b) The Agency shall issue an airworthiness directive when:

1. an unsafe condition has been determined by the Agency to exist in an aircraft, ~~a UAS or a CMU~~, as a result of a deficiency in the aircraft, or ~~in an~~ **related** engine, propeller, part ~~or appliance or non-installed equipment installed on this aircraft~~, or as a result of a deficiency in ~~the~~ **a related** CMU or ~~the~~ CMU component; and
2. that condition is likely to exist or develop in other aircraft, ~~UAS or CMUs~~.

(c) [...]

1. propose the appropriate corrective action or required inspections, or both, and submit details of these proposals to the Agency for **acceptance, or** approval **if required under Subparts D, E, M or O of this section**; and
2. following ~~the approval by~~ the Agency's **acceptance or approval, as applicable**, of the proposals referred to in point 1, make available to all known operators or owners of the product, part, ~~appliance~~ **non-installed equipment**, UAS, CMU or CMU component and, on request, to any person required to comply with the airworthiness directive, appropriate descriptive data and accomplishment instructions.

(d) An airworthiness directive shall contain at least the following information:

1. an identification of the unsafe condition;
2. an identification of the affected aircraft ~~or CMU~~;

[...]

(e) **When an airworthiness directive is issued or adopted by the Agency, the Agency can approve an alternative method of compliance for the required action(s) of that airworthiness directive, if requested and appropriately substantiated.**

21.A.4 Coordination between design and production

Each holder of a type-certificate, restricted type-certificate, supplemental type-certificate, ETSO authorisation, approval of a change to type-certificate or approval of a repair design, shall collaborate with the production organisation as necessary to ensure:

- (a) the satisfactory coordination of design and production required by points 21.A.122, 21.A.130(b)(3) and (4), 21.A.133 and 21.A.165(c)(2) and (3) as appropriate; and



- (b) the proper support of the continued airworthiness of the product, part, ~~appliance~~ non-installed equipment, UAS, CMU or CMU component.

21.A.5 Record-keeping

All natural or legal persons that hold or have applied for a type-certificate, restricted type-certificate, supplemental type-certificate, ETSO authorisation, design or repair approval, permit to fly, production organisation approval certificate or letter of agreement under this Regulation shall:

- (a) when they design a product, part, ~~appliance~~ non-installed equipment, UAS, CMU or CMU component, or changes or repairs thereto, establish a record-keeping system and maintain the relevant design information/data; that information/data shall be made available to the Agency in order to provide the information/data that is necessary to ensure the continued airworthiness of the product, part, ~~appliance~~ non-installed equipment, UAS, CMU or CMU component, the continued validity of the operational suitability data, and compliance with the applicable environmental protection requirements;
- (b) when they produce a product, part, ~~appliance~~ non-installed equipment, CMU or CMU component, record the details of the production process relevant to the conformity of the product, part, ~~appliance~~ non-installed equipment, CMU or CMU component with the applicable design data, and the requirements imposed on their partners and suppliers, and make that data available to their competent authority in order to provide the information that is necessary to ensure the continuing airworthiness of the product, part, ~~appliance~~ non-installed equipment, UAS, CMU or CMU component;

[...]

21.A.7 Instructions for continued airworthiness

[...]

- (b) At least one set of complete instructions for continued airworthiness shall be provided by the holder of:

[...]

3. a repair design approval to all known operators of the product or the CMU affected by the repair upon the release to service of the product or the CMU in which the repair design is embodied; the repaired product, part, ~~appliance~~ non-installed equipment, CMU or CMU component may be released into service before the related instructions for continued airworthiness have been completed, but this shall be for a limited service period, and in agreement with the Agency.



Thereafter, those design approval holders shall make those instructions available on request to any other person required to comply with those instructions.

[...]

21.A.9 Access and investigation

Any natural or legal person that holds or has applied for a type-certificate, restricted type-certificate, supplemental type-certificate, ETSO authorisation, design change or repair approval, certificate of airworthiness, noise certificate, permit to fly, design organisation approval, production organisation approval certificate or letter of agreement under this Regulation, shall:

- (a) grant the competent authority access to any facility, product, part, ~~appliance~~ **non-installed equipment**, CMU, CMU component, document, record, data, process, procedure or to any other material in order to review any report, make any inspection, or perform or witness any flight and ground test, as necessary, in order to verify the initial and continued compliance of the organisation with the applicable requirements of Regulation (EU) 2018/1139 and its delegated and implementing acts;
- (b) make arrangements to ensure the competent authority has access, as provided for in point (a), also in respect of the natural or legal person's partners, suppliers and subcontractors.

21.A.35 Flight Tests

- (a) [...]
- (b) The applicant shall perform all flight tests that the Agency finds necessary to determine:
 - 1. compliance with the applicable type-certification basis and environmental protection requirements; and
 - 2. whether there is reasonable assurance that the aircraft, its parts, ~~appliances~~, the UAS or the CMU are reliable and function properly for aircraft, UAS and CMUs to be certified under this Annex, except for:

[...]

[...]



21.A.121 Scope

- (a) This Subpart establishes the procedure for demonstrating conformity with the applicable design data of a product, part, ~~appliance~~ non-installed equipment, CMU and CMU component that are intended to be manufactured without a production organisation approval under Subpart G.
- (b) This Subpart establishes the obligations of the manufacturer of a product, part, ~~appliance~~ non-installed equipment, CMU and CMU component manufactured under this Subpart.

21.A.122 Eligibility

Any natural or legal person may apply to show conformity of individual products, parts, ~~appliances~~ non-installed equipment, CMUs and CMU components under this Subpart, if:

- (a) it holds or has applied for an approval that covers the design of that product, part, ~~appliance~~ non-installed equipment, CMU and CMU component; or
- (b) [...]

21.A.124 Application

- (a) Each application for an agreement to the showing of conformity of individual products, parts, ~~appliances~~ non-installed equipment, CMUs and CMU components under this Subpart shall be made in a form and manner established by the competent authority.
- (b) Such application shall contain:
 - 1. evidence which demonstrates, where applicable, that:
 - (i) the issuance of a production organisation approval under Subpart G would be inappropriate; or
 - (ii) the certification or approval of a product, part, ~~appliance~~ non-installed equipment, UAS, CMU or CMU component under this Subpart is required pending the issuance of a production organisation approval under Subpart G;
 - 2. an outline of the information required under point 21.A.125A(b).



21.A.125A Issuance of a letter of agreement

The applicant shall be entitled to have a letter of agreement issued by the competent authority agreeing to the showing of conformity of individual products, parts, ~~appliances~~ **non-installed equipment**, CMUs or CMU components under this Subpart, after:

- (a) having established a production inspection system which ensures that each product, part, ~~appliance~~ **non-installed equipment**, CMU or CMU component conforms to the applicable design data and is in a condition for safe operation;

[...]

21.A.125C Duration and continued validity

- (a) The letter of agreement shall be issued for a limited period of time that in any case shall not exceed 1 year. It shall remain valid subject to the organisation's compliance with all the following conditions:
 - 1. the production organisation continues to comply with the applicable requirements of this Annex;
 - 2. the production organisation or any of its partners, suppliers or subcontractors acknowledges that the competent authority may carry out investigations in accordance with point 21.A.9;
 - 3. the production organisation is able to provide the competent authority with evidence showing that it maintains satisfactory control of the manufacture of products, parts, ~~appliances~~ **non-installed equipment**, CMUs or CMU components under the letter of agreement;
 - 4. the letter of agreement has not been revoked by the competent authority under point 21.B.65, has not been surrendered by the production organisation, and its duration has not expired.

[...]

21.A.126 Production inspection system

- (a) The production inspection system required under point 21.A.125A(a) shall provide a means for determining that:

[...]



3. processes, manufacturing techniques and methods of assembly affecting the quality and safety of the finished product, part, ~~appliance~~ non-installed equipment, UAS, CMU or CMU component are accomplished in accordance with the specifications accepted by the competent authority;
 4. design changes, including material substitution, have been approved under this Annex and controlled before being incorporated in the finished product, part, ~~appliance~~ non-installed equipment, UAS, CMU or CMU component.
- (b) The production inspection system required by point 21.A.125A(a), shall also be such as to ensure that:
- [...]
4. rejected materials and parts are segregated and identified in a manner that precludes their installation in the finished product, part, ~~appliance~~ non-installed equipment, CMU or CMU component;
 5. materials and parts that are withheld because of deviations from type design or production specifications, and that are to be considered for installation in the finished product, part, ~~appliance~~ non-installed equipment, CMU or CMU component are subjected to an approved engineering and manufacturing review procedure; those materials and parts that have been found in that procedure to be serviceable shall be properly identified and reinspected if it is necessary to be reworked or repaired; materials and parts rejected in that procedure shall be marked and disposed of to ensure that they are not incorporated in the final product.

21.A.129 Obligations of the production organisation

Each manufacturer of a product, part, ~~appliance~~ non-installed equipment, CMU or CMU component manufactured under this Subpart shall:

- (a) make each product, part, ~~appliance~~ non-installed equipment, CMU or CMU component available for inspection by the competent authority;
- (b) maintain at the place of manufacture the technical data and drawings necessary to determine whether the product, part, ~~appliance~~ non-installed equipment, CMU or CMU component conforms to the applicable design data;
- (c) maintain the production inspection system which ensures that each product, part, ~~appliance~~ non-installed equipment, CMU or CMU component conforms to the applicable design data and is in a condition for safe operation;
- (d) provide assistance to the holder of the type-certificate, restricted type-certificate or design approval in dealing with any continuing airworthiness actions that are related to the products,



parts, ~~appliances~~ non-installed equipment, CMUs or CMU components that have been produced;

- (e) comply with Subpart A of this Section.

21.A.130 Statement of conformity

- (a) Each manufacturer of a product, part, ~~appliance~~ non-installed equipment, CMU or CMU component manufactured under this Subpart shall present a statement of conformity, an EASA Form 52 (see Appendix VIII), for complete aircraft, or an EASA Form 1 (see Appendix I), for other products, parts or ~~appliances~~ non-installed equipment, CMUs or CMU components. This statement shall be signed by an authorised person who holds a responsible position in the manufacturing organisation.
- (b) A statement of conformity shall include all ~~of~~ the following:
1. for each product, part, ~~appliance~~ non-installed equipment, CMU or CMU component, a statement that the product, part, ~~appliance~~ non-installed equipment, CMU or CMU component conforms to the approved design data and is in a condition for safe operation;
- [...]
- (c) Each manufacturer of a product, part, ~~appliance~~ non-installed equipment, CMU or CMU component referred to in point (a) shall present a current statement of conformity for validation by the competent authority in any of the following situations:
1. upon the initial transfer by it of the ownership of such a product, part, ~~appliance~~ non-installed equipment, CMU or CMU component;
 2. upon application for the original issue of an aircraft certificate of airworthiness;
 3. upon application for the original issue of an airworthiness release document for an engine, a propeller, a part, ~~an appliance~~ non-installed equipment, a CMU and a CMU component.
- (d) The competent authority shall validate by countersignature the statement of conformity if it finds after inspection that the product, part, ~~appliance~~ non-installed equipment, CMU or CMU component conforms to the applicable design data and is in a condition for safe operation.

21.A.131 Scope

This Subpart establishes:

- (a) the procedure for the issuance of a production organisation approval for a production organisation that shows the conformity of products, parts, ~~appliances~~ non-installed equipment, CMUs or CMU components with the applicable design data.

[...]



21.A.139 Production management system

[...]

(d) As part of the quality management element of the production management system, the production organisation shall:

1. ensure that each product, part, ~~appliance~~ non-installed equipment, CMU or CMU component produced by the organisation or by its partners, or supplied from or subcontracted to outside parties, conforms to the applicable design data and is in a condition for safe operation, thus enabling the exercise of the privileges set out in point 21.A.163;

[...]

[...]

21.A.147 Changes in the production management system

After the issue of a production organisation approval certificate, each change in the production management system that is significant for the demonstration of conformity or the airworthiness and environmental compatibility characteristics of the product, part, ~~appliance~~ non-installed equipment, UAS, CMU or CMU component shall be approved by the competent authority before being implemented. The production organisation shall submit an application for approval to the competent authority demonstrating that it will continue to comply with this Annex.

21.A.151 Terms of approval

The terms of approval shall identify the scope of work, the products or the categories of parts and ~~appliances~~ non-installed equipment, or both, the CMUs or the CMU components, or both, for which the holder is entitled to exercise the privileges under point 21.A.163.

21.A.159 Duration and continued validity

(a) A production organisation approval certificate shall be issued for an unlimited period of time. It shall remain valid subject to the production organisation's compliance with all the following conditions:

[...]

3. the production organisation is able to provide the competent authority with evidence showing that it maintains satisfactory control of the manufacture of products, parts, ~~appliances~~ non-installed equipment, CMUs or CMU components under the approval;



[...]

[...]

21.A.163 Privileges

Pursuant to the terms of approval issued under point 21.A.135, the holder of a production organisation approval may:

[...]

- (c) in the case of other products, parts, ~~appliances~~ non-installed equipment, CMUs or CMU components, issue authorised release certificates (EASA Form 1) under Subpart G of this Annex or under Subpart G of Annex Ib (Part 21 Light) without further showing;

[...]

21.A.165 Obligations of the holder

[...]

- (c) 1. determine that each completed aircraft conforms to the type design and is in a condition for safe operation prior to submitting statements of conformity to the competent authority; or
2. determine that other products, parts, ~~appliances~~ non-installed equipment, CMUs or CMU components are complete and conform to the approved design data or declared design data and are in a condition for safe operation before issuing an EASA Form 1 to certify their conformity to approved or declared design data and that they are in a condition for safe operation;

[...]

4. determine that other products, parts, ~~appliances~~ non-installed equipment, CMUs or CMU components conform to the applicable data before issuing an EASA Form 1 as a conformity certificate;
- (d) provide assistance to the holder of the type-certificate or other design approval or a natural or legal person who **has** made a declaration of design compliance under Subpart C of Section A of Annex Ib (Part 21 Light) in dealing with any continuing airworthiness actions that are related to the products, parts, ~~appliances~~ non-installed equipment, UAS, CMUs or CMU components that have been produced;

[...]

21.A.239 Design management system

[...]



- (d) As part of the design assurance element of the design management system, the design organisation shall:
1. establish, implement and maintain a system for the control and supervision of the design, and of design changes and repairs, of products, parts, ~~appliances~~, UAS, CMUs or CMU components covered by the terms of approval; that system shall:
 - (i) include an airworthiness function responsible for ensuring that the design of products, parts, ~~appliances~~, UAS, CMUs or CMU components or the design changes and repairs, comply with the applicable type-certification basis, the applicable operational suitability data certification basis and the applicable environmental protection requirements;
 - (ii) ensure that the design organisation properly discharges its responsibilities in accordance with this Annex and with the terms of approval issued under point 21.A.251;
 - [...]
 3. specify the manner in which the design management system accounts for the acceptability of the parts, ~~appliances~~ or CMU components that are designed, or the tasks that are performed, by its partners or subcontractors according to the methods which are the subject of written procedures.

[...]

21.A.243 Handbook

- (a) As part of the design management system, the design organisation shall create and provide to the Agency a handbook that describes, directly or by cross reference, the organisation, its relevant policies, processes and procedures, the type of design work, and the categories of products, parts, ~~appliances~~, UAS, CMUs or CMU components for which the design organisation holds a design organisation approval, as identified in the terms of approval issued in accordance with point 21.A.251 and, where relevant, the interfaces with and the control of its partners or subcontractors.
- [...]
- (b) Where any parts, ~~appliances or~~ CMU components or any changes to the products, UAS or CMUs are designed by partner organisations or subcontractors, the handbook shall include a statement of how the design organisation is able to demonstrate, for all the parts, ~~appliances~~, or CMU components, compliance in accordance with point 21.A.239(d)(2), and shall contain, directly or by cross reference, descriptions of and information on the design activities and the organisation of those partner organisations or subcontractors, as necessary to establish the statement.

[...]



21.A.247 Changes in the design management system

After the issue of a design organisation approval, each change to the design management system that is significant for the demonstration of compliance or for the airworthiness, operational suitability data and environmental protection of the product, part, ~~appliance~~, UAS, CMU or CMU component shall be approved by the Agency before being implemented. The design organisation shall submit to the Agency an application for approval demonstrating, on the basis of the proposed changes to the handbook, that it will continue to comply with this Annex.

21.A.251 Terms of approval

The terms of approval shall identify the types of design work, the categories of products, parts, ~~appliances~~, UAS, CMUs or CMU components for which the design organisation holds a design organisation approval, and the functions and duties that the organisation is approved to perform with regard to the airworthiness, operational suitability data and environmental compatibility characteristics of the products, UAS or CMUs. For design organisation approvals covering type-certification or European Technical Standard Order (ETSO) authorisation for auxiliary power units (APUs), the terms of approval shall additionally contain the list of products, CMUs or APUs. Those terms shall be issued as part of a design organisation approval.

SUBPART K — PARTS, ~~APPLIANCES~~ NON-INSTALLED EQUIPMENT, AND CONTROL AND MONITORING UNIT (CMU) COMPONENTS

21.A.301 Scope

This Subpart establishes the procedure relating to the approval of parts, ~~appliances~~ non-installed equipment and CMU components.



21.A.303 Compliance with applicable requirements

- (a) The ~~showing~~ demonstration of compliance of parts, ~~appliances~~ and CMU components to be installed in a type-certified product, or in a CMU, shall be made:
- ~~(a)~~ 1. in conjunction with the type-certification procedures of Subpart B, D or E for the product, UAS or CMU in which it is to be installed; or
 - ~~(b)~~ 2. where applicable, under the ETSO authorisation procedures of Subpart O; or
 - ~~(c)~~ 3. in the case of standard parts, in accordance with officially recognised standards.
- (b) The demonstration of compliance of the following non-installed equipment shall be made under the ETSO authorisation procedures of Subpart O:
1. non-installed equipment that is required, pursuant to Regulation (EU) No 965/2012, Regulation (EU) 2018/395, Implementing Regulation (EU) 2018/1976 and any other applicable delegated or implementing acts adopted on the basis of Regulation (EU) 2018/1139, to be approved in accordance with the applicable airworthiness requirements; and
 2. non-installed equipment that is not required to be approved but for which an applicant has requested certification in compliance with the certification specifications published by the Agency.

21.A.305 Approval of parts, ~~appliances~~ non-installed equipment, and control and monitoring unit (CMU) components

- (a) In all cases where the approval of a part, ~~appliance~~ or CMU component is explicitly required by Union law or taking into account the Agency's measures referred to in Article 10 of Regulation (EU) No 748/2012, the part, ~~appliance~~ or CMU component shall comply with the applicable ETSO or with the specifications recognised as equivalent by the Agency in the particular case.
- (b) When the approval is required under point 21.A.303(b)(1) or is voluntarily requested under point 21.A.303(b)(2), the non-installed equipment shall comply with the applicable ETSO published by the Agency.

21.A.307 The eligibility of parts ~~and appliances~~ for installation

- (a) A part ~~or appliance~~ is eligible for installation in a type-certified product when it is in a condition for safe operation, marked in accordance with Subpart Q and accompanied by an authorised release certificate (EASA Form 1), certifying that the item was manufactured in conformity with approved design data.



- (b) By way of derogation from point (a) and provided that the conditions in point (c) are met, the following parts ~~or appliances~~ do not require an EASA Form 1 in order to be eligible for installation in a type-certified product:
- (1) a standard part;
 - (2) in the case of ELA1 or ELA2, a part ~~or appliance~~ that is:
 - (i) not life limited, nor part of the primary structure, nor part of the flight controls;
 - (ii) identified for installation in the specific aircraft;
 - (iii) to be installed in an aircraft whose owner has verified compliance with the applicable conditions in (i) and (ii), and has accepted responsibility for this compliance;
 - (3) a part ~~or appliance~~ for which the consequences of a non-conformity with its approved design data ~~has~~ have a negligible safety effect on the product and which is identified as such by the holder of the design approval in the instructions for continued airworthiness. In order to determine the safety effects of a non-conforming part ~~or appliance~~, the design approval holder may establish in the instructions for continued airworthiness specific verification activities to be conducted by the installer of the part ~~or appliance~~ on the product;
 - (4) in the case of the embodiment of a standard change in accordance with point 21.A.90B or a standard repair in accordance with point 21.A.431B, a part ~~or appliance~~, for which the consequences of a non-conformity with its design data have a negligible safety effect on the product, and which is identified as such in the certification specifications for standard changes and standard repairs issued in accordance with point (a)(2) of point 21.A.90B and point (a)(2) of point 21.A.431B. In order to determine the safety effects of a non-conforming part ~~or appliance~~, specific verification activities to be conducted by the person that installs the part ~~or appliance~~ on the product may be established in the certification specifications referred to above;
 - (5) a part ~~or appliance~~ that is exempted from an airworthiness approval in accordance with Commission Regulation (EU) No 965/2012;
 - (6) a part ~~or appliance~~ that is an item of a higher assembly identified in points (b)(1) to (b)(5); and
 - (7) a part ~~or appliance~~ manufactured by a person or organisation referred to in Article 9(4) of this Regulation.
- (c) Parts ~~and appliances~~ listed in points (b)(1) to (b)(6) are eligible for installation in a type-certified product without being accompanied by an EASA Form 1, provided that the installer holds a document issued by the person or organisation that manufactured the part ~~or appliance~~, which declares the name of the part ~~or appliance~~, the part number, and the conformity of the part ~~or appliance~~ with its design data, and which contains the issuance date.



21.A.309 Conformity of non-installed equipment

- (a) Non-installed equipment for which an ETSO authorisation has been issued in accordance with Subpart O shall be accompanied by an authorised release certificate (EASA Form 1), certifying that the item of non-installed equipment was manufactured in conformity with approved design data and is in a condition for safe operation, and shall be marked in accordance with Subpart Q.
- (b) By way of derogation from point (a), non-installed equipment which consists only of software applications is not required to be accompanied by an authorised release certificate (EASA Form 1).

21.A.431A Scope

- (a) This Subpart establishes the procedure for the approval of a repair design of a product, part, ~~appliance~~, CMU or CMU component, and establishes the rights and obligations of the applicants for, and holders of, those approvals.
- (b) This Subpart defines standard repairs that are not subject to an approval process under this Subpart.
- (c) A ~~“repair”~~ means the elimination of damage and/or restoration to an airworthy condition following the initial release to service by the manufacturer of any product, part, ~~appliance~~, CMU or CMU component.
- (d) The elimination of damage by replacement of parts, ~~appliances~~ or CMU components without the necessity for design activity shall be considered ~~as~~ a maintenance task and shall therefore require no approval under this Annex.
- (e) A repair to an ETSO article other than an Auxiliary Power Unit (APU) shall be treated as a change to the ETSO design and shall be processed in accordance with point 21.A.611.
- (f) In this Subpart, the references to type-certificates include type-certificates and restricted type-certificates.

21.A.439 Production of repair parts

Parts, ~~appliances~~ and CMU components to be used for the repair shall be manufactured in accordance with production data based upon all the necessary design data as provided by the repair design approval holder:

[...]



21.A.445 Production of repair parts

- (a) When a damaged product, part, ~~appliance~~, CMU or CMU component is left unrepaired, and is not covered by previously approved data, the evaluation of the damage for its airworthiness consequences may be made only:

[...]

21.A.602B Demonstration of capability

Any applicant for an ETSO authorisation shall demonstrate its capability as follows:

- (a) for production:
1. by holding a production organisation approval, issued in accordance with Subpart G, or through compliance with Subpart F procedures; ~~and~~
 2. by way of derogation from point (1), an applicant for an ETSO authorisation for non-installed equipment which consists only of software applications is not required to demonstrate its capability for production; and
- (b) for design:
1. for an Auxiliary Power Unit, by holding a design organisation approval, issued by the Agency in accordance with Subpart J;
 2. for all other articles, by using procedures setting out the specific design practices, resources and sequence of activities necessary to comply with this Annex I (Part 21).

21.A.605 Data requirements

- (a) The applicant shall submit to the Agency the following documents:

[...]

5. when not exempted under point 21.A.602B(a)(2), the exposition, or a reference to the exposition, referred to in point 21.A.143 for the purpose of obtaining an appropriate production organisation approval under Subpart G or the manual, or a reference to the manual, referred to in point 21.A.125A(b) for the purpose of manufacturing under Subpart F without a production organisation approval;

[...]



21.A.609 Obligations of holders of ETSO authorisations

The holder of an ETSO authorisation under this Subpart shall:

- (a) **when not exempted under point 21.A.602B(a)(2)**, manufacture each article in accordance with Subpart G or Subpart F that ensures that each completed article conforms to its design data and is safe for installation **or use**;

[...]

21.A.610 Approval for deviations

- (a) Each ~~manufacturer~~ **applicant** who requests approval to deviate from any performance standard of an ETSO shall demonstrate that the standards from which a deviation is requested are compensated for by factors or design features providing an equivalent level of safety.

[...]

21.A.701 Scope

- (a) Permits to fly shall be issued in accordance with this Subpart to aircraft that do not meet, or have not been shown to meet, applicable airworthiness requirements but are capable of safe flight under defined conditions and for the following purposes:

[...]

- 16. flying an aircraft for troubleshooting purposes or to check the functioning of one or more systems, **or** parts ~~or appliances~~ after maintenance.

[...]



SUBPART Q – IDENTIFICATION OF PRODUCTS, PARTS, ~~APPLIANCES~~ **NON-INSTALLED EQUIPMENT**, CONTROL AND MONITORING UNITS (CMUs) AND CMU COMPONENTS

21.A.804 Identification of parts, ~~appliance~~s, and control and monitoring unit (CMU) components

- (a) Each part ~~or appliance~~ which is eligible for installation in a type-certified product, and each CMU component which is eligible for installation in a CMU certified in accordance with this Annex~~1~~, shall be permanently and legibly marked with:

[...]

3. the letters 'EPA':

(i) for parts ~~or appliances~~ produced in accordance with approved design data not belonging to the type-certificate holder of the related product, except for ETSO articles and for parts ~~and appliances~~ covered under point (b) of point 21.A.307;

[...]

- (b) By way of derogation from point (a), if the Agency agrees that a part~~, appliance~~ or a CMU component is too small, or that it is otherwise impractical to mark a part~~, appliance~~ or a CMU component with any of the information required by point (a), the authorised release document that accompanies the part~~, appliance~~ or the CMU component or its container shall include the information that could not be marked on the part~~, appliance~~ or **the** CMU component.

21.A.807 Identification of ETSO articles

- (a) Each holder of an ETSO authorisation under Subpart O shall permanently and legibly mark each article with the following information:

1. the name and address of the manufacturer; **when the exemption under point 21.A.602B(a)(2) applies, the name and address of the ETSO authorisation holder;**
2. the name, type, part number or model designation of the article;
3. the serial number or the date of manufacture of the article or both; and
4. the applicable ETSO number.



- (b) By way of derogation from point (a), if the Agency agrees that ~~a-part~~ **an article** is too small or that it is otherwise impractical to mark ~~a-part~~ **an article** with any of the information required by point (a), the authorised release document accompanying the ~~part~~ **article** or its container shall include the information that could not be marked on the ~~part~~ **article**.
- (c) Each person who manufactures an APU under Subpart G or Subpart F shall identify that APU by means of a fireproof plate that has the information specified in point (a) 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.

21.B.20 Immediate reaction to a safety problem

[...]

- (b) The Agency shall implement a system to appropriately analyse any safety-relevant information received and, without undue delay, provide the relevant authority of the Member States and the Commission with any information, including recommendations or corrective actions to be taken, that is necessary for them to react in a timely manner to a safety problem that involves products, parts, ~~appliances~~ **non-installed equipment, UAS, control and monitoring units (CMUs)**, CMU components, persons or organisations that are subject to Regulation (EU) 2018/1139 and its delegated and implementing acts.

[...]

21.B.55 Record-keeping

- (a) The competent authority shall establish a record-keeping system that allows the adequate storage, accessibility and reliable traceability of:

[...]

5. Statements of Conformity (EASA Form 52, see Appendix VIII) and Authorised Release Certificates (EASA Form 1, see Appendix I) that it has validated for organisations that produce products, parts, ~~or appliances~~ **non-installed equipment, CMU or CMU components** without a production organisation approval certificate according to Subpart F of Section A of this Annex.

[...]



21.B.70 Certification specifications

The Agency, in accordance with Article 76(3) of Regulation (EU) 2018/1139, shall issue certification specifications and other detailed specifications, including certification specifications for airworthiness, operational suitability data and environmental protection, which competent authorities, organisations and personnel may use to demonstrate compliance of products, parts, ~~appliances~~ **non-installed equipment**, UAS, CMUs and CMU components with the relevant essential requirements set out in Annexes II, IV, V and IX to that Regulation, as well as with those for environmental protection set out in Article 9(2) of and in Annex III to that Regulation. Such specifications shall be sufficiently detailed and specific to indicate to applicants the conditions under which certificates shall be issued, amended or supplemented.

21.B.120 Initial certification procedure

- (a) Upon receiving an application for the issue of a letter of agreement for the purpose of demonstrating conformity of the individual products, parts ~~and appliances~~, **non-installed equipment**, control and monitoring units (CMUs) and CMU components, the competent authority shall verify the applicant's compliance with the applicable requirements.

[...]

21.B.135 Maintenance of the letter of agreement

The competent authority shall maintain the letter of agreement as long as:

- (a) the manufacturer is properly using ~~the~~ EASA Form 52 (see Appendix VIII) as a statement of conformity for complete aircraft, and ~~the~~ EASA Form 1 (see Appendix I) for products other than complete aircraft, parts, ~~and appliances~~ **non-installed equipment**, control and monitoring units (CMUs) or CMU components; and
- (b) inspections performed by the competent authority of the Member State before validation of the EASA Form 52 (see Appendix VIII) or the EASA Form 1 (see Appendix I), as per point 21.A.130(c), did not reveal any findings of non-compliance with the requirements or the procedures as contained in the manual provided by the manufacturer, or any non-conformity of the respective products, parts, ~~or appliances~~ **non-installed equipment, CMU or CMU components**. These inspections shall check at least that:

1. the agreement covers the product, part, ~~or appliance~~ **non-installed equipment**, control and monitoring unit (CMU) or CMU component being validated, and remains valid;

[...]



[...]

21.B.222 Oversight programme

[...]

- (b) The oversight programme shall take into account the specific nature of the organisation, the complexity of its activities, the results of past certification and/or oversight activities, and it shall be based on the assessment of the associated risks. It shall include, within each oversight planning cycle:

1. assessments, audits and inspections, including, as appropriate:
 - (i) management system assessments and process audits;
 - (ii) product audits of a relevant sample of the products, parts, ~~appliances~~ non-installed equipment, control and monitoring units (CMUs) and CMU components that are within the scope of the organisation;

[...]

[...]

[...]

21.B.432 Oversight programme

[...]

- (b) The oversight programme shall take into account the specific nature of the organisation, the complexity of its activities, the results of past certification or oversight activities, or both, and it shall be based on the assessment of the associated risks. It shall include, within each oversight planning cycle:

1. assessments, audits and inspections, including, where appropriate:
 - (i) management system assessments and process audits;
 - (ii) product, UAS and CMU audits of a relevant sample of the design and certification of the products, parts, ~~and appliances~~ non-installed equipment, UAS, CMUs and CMU components that are within the scope of work of the organisation;
 - (iii) sampling of the work performed;
 - (iv) unannounced inspections;
2. meetings convened between the head of the design organisation and the competent authority to ensure that both parties remain informed of all significant issues.



[...]

SUBPART K — PARTS, ~~APPLIANCES~~ NON-INSTALLED EQUIPMENT, AND CONTROL AND MONITORING UNIT (CMU) COMPONENTS

[...]

SUBPART Q — IDENTIFICATION OF PRODUCTS, PARTS, ~~APPLIANCES~~ NON- INSTALLED EQUIPMENT, CONTROL AND MONITORING UNITS (CMUs) AND CMU COMPONENTS

[...]

Appendix I — Authorised Release Certificate — EASA Form 1 referred to in Annex I (Part 21)

[...]

Instructions for the use of EASA Form 1

[...]

1. PURPOSE AND USE

- 1.1. The primary purpose of the certificate is to declare the airworthiness of new aviation engines, propellers, parts, ~~appliances~~ non-installed equipment, CMUs and CMU components (~~“the item(s)”~~).

[...]

[...]

5. COMPLETION OF THE CERTIFICATE BY THE ORIGINATOR

[...]

Block 8

Part Number



Enter the part number as it appears on the item or tag/packaging. In case of an engine, propeller or CMU, the type designation may be used. In case of non-installed equipment, equipment designation may be used.

[...]

Appendix VIII — Aircraft/Unmanned Aircraft System statement of conformity — EASA Form 52

[...]

Instructions for the use of the ~~Aircraft/~~Unmanned Aircraft System statement of conformity — EASA Form 52

[...]

Block 11 A listing of all the applicable airworthiness directives (or equivalent) and a declaration of compliance, together with a description of the method of compliance of the subject individual aircraft or unmanned aircraft system, including products and installed parts, ~~appliances and equipment~~ and, for unmanned aircraft systems, CMUs and CMU components. Any future compliance requirement time must be stated.

[...]



Appendix X — Production Organisation Approval Certificate — EASA Form 55

Production organisation approval certificates referred to in Subpart G of Annex I (Part 21)

[MEMBER STATE]¹

A Member of the European Union²

PRODUCTION ORGANISATION APPROVAL CERTIFICATE

Reference: [MEMBER STATE CODE³].21G.XXXX

Pursuant to Regulation (EU) 2018/1139 of the European Parliament and of the Council and to Commission Regulation (EU) No 748/2012, for the time being in force and subject to the conditions specified below, the [COMPETENT AUTHORITY OF THE MEMBER STATE] hereby certifies:

[COMPANY NAME AND ADDRESS]

as a production organisation in compliance with Section A of Annex I (Part 21) to Commission Regulation (EU) No 748/2012, is approved to produce products, parts, ~~appliances~~ non-installed equipment, control and monitoring units and control and monitoring unit components listed in the attached approval schedule and issue the related certificates using the above references.

CONDITIONS:

1. This approval is limited to that specified in the enclosed terms of approval.
2. This approval is subject to compliance with the procedures specified in the approved production organisation exposition.
3. This approval is valid while the approved production organisation remains in compliance with Annex I (Part 21) to Commission Regulation (EU) No 748/2012.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited period of time unless it has previously been surrendered, superseded, suspended or revoked.

Date of original issue:

Date of this revision:

Revision No:

Signed:

For the competent authority: [COMPETENT AUTHORITY IDENTIFICATION⁴]

EASA Form 55a — Issue 45

¹ Or 'EASA', if EASA is the competent authority.

² Delete for non-EU Member States.

³ Or 'EASA', if EASA is the competent authority.

⁴ Or 'EASA', if EASA is the competent authority.



[MEMBER STATE] ⁵ A Member of the European Union ⁶	Terms of Approval	TA: [MEMBER STATE CODE ⁷].21G.XXXX
This document is part of production organisation approval number [MEMBER STATE CODE ⁸].21G.XXXX issued to: Company name:		
Section 1. SCOPE OF WORK:		
RATING	PRODUCTS/CATEGORIES	
For details and limitations, refer to the Production Organisation Exposition Section xxx.		
Section 2. LOCATIONS:		
Section 3. PRIVILEGES:		
The production organisation is entitled to exercise, within its terms of approval and in accordance with the procedures of its Production Organisation Exposition, the privileges laid down in point 21.A.163, subject to the following:		
[keep only applicable text]		
Prior to the approval of the design of the product, part, non-installed equipment, CMU or CMU components , the EASA Form 1 may be issued only for conformity purposes.		
A statement of conformity may not be issued for an aircraft that has not been issued with a (restricted) type-certificate or a registered declaration of design compliance.		
Maintenance may be performed, until compliance with the maintenance regulations is required, in accordance with the Production Organisation Exposition Section xxx.		
Permits to fly may be issued in accordance with the Production Organisation Exposition Section yyy.		
Date of original issue:	Signed:	
Date of this revision:		
Revision No-:	For [COMPETENT AUTHORITY IDENTIFICATION ⁹]	

EASA Form 55b — Issue 45

⁵ Or 'EASA', if EASA is the competent authority.

⁶ Delete for non-EU Member States.

⁷ Or 'EASA', if EASA is the competent authority.

⁸ Or 'EASA', if EASA is the competent authority.

⁹ Or 'EASA', if EASA is the competent authority.



Appendix XI — EASA Form 65 – Letter of Agreement for production without a production organisation approval

Letter of agreement referred to in Subpart F of Annex I (Part 21)

[MEMBER STATE]*

A Member of the European Union**

LETTER OF AGREEMENT FOR PRODUCTION WITHOUT PRODUCTION ORGANISATION APPROVAL

[NAME OF THE APPLICANT]

[TRADE NAME (if different from the name of the applicant)]

[FULL POSTAL ADDRESS OF THE APPLICANT]

Date (Day, Month, Year)

Reference: [MEMBER STATE CODE**].21F.XXXX

Dear Mr/Ms [Name of the Applicant],

Your production inspection system has been evaluated and found to be in compliance with Section A, Subpart A and Subpart F of Annex I (Part 21) to Commission Regulation (EU) No 748/2012.

Therefore, subject to the conditions specified below, we agree that the showing of conformity of the products, parts, **appliances non-installed equipment**, control and monitoring units **(CMUs)** and control and monitoring unit **(CMU)** components mentioned below may be done under Section A, Subpart F of Annex I (Part 21) to **Commission** Regulation (EU) No 748/2012.

	No of Units	P/N	S/N
AIRCRAFT			
PARTS			
NON-INSTALLED EQUIPMENT			
CMUs			
CMU COMPONENTS			

The following conditions are applicable to this letter of agreement:

- (1) It is valid while [Company Name] remains in compliance with Section A, Subpart A and Subpart F of Annex I (Part 21) to **Commission** Regulation (EU) No 748/2012.
- (2) It requires compliance with the procedures specified in [Company Name] manual ref./issue date.....
- (3) It terminates on
- (4) The statement of conformity issued by [Company Name] under point 21.A.130 of Commission Regulation (EU) No 748/2012 shall be validated by the issuing authority of this letter of agreement in accordance with the procedure..... of the referenced manual.
- (5) **[eCompany Name]** shall immediately notify the issuing authority of this letter of agreement of any changes to the production inspection system that may affect the inspection, conformity or airworthiness of the products, parts, **non-installed equipment**, control and monitoring units **(CMUs)** and control and monitoring unit **(CMU)** components listed in this letter of agreement.

For the competent authority: [COMPETENT AUTHORITY IDENTIFICATION (*) (**)]

Date and Signature

* Or **EASA**, if EASA is the competent authority.

** Delete for non-EU Member States.

