

**Draft ANNEX II to draft COMMISSION IMPLEMENTING REGULATION (EU) .../...
amending Regulation (EU) No 965/2012, Regulation (EU) No 1178/2011, Implementing
Regulation (EU) No 923/2012 and Implementing Regulation (EU) 2017/373 as regards the
establishment of requirements for the operation of manned aircraft with a vertical take-off and
landing capability**

ANNEX II

Annex II (Part-ARO) to Regulation (EU) No 965/2012 is amended as follows:

- (1) The title of Section I of SUBPART OPS ‘AIR OPERATIONS’ is replaced by the following:
‘SECTION I — Certification of commercial air transport (CAT) operators and innovative air mobility (IAM) operators’;
- (2) in point ARO.OPS.200, point (1) of point (b) is replaced by the following:
‘(1) the operations specifications, as established in Appendix II, for commercial air transport operations with aeroplanes and helicopters and for innovative air mobility (IAM) operations with VCA; or’;
- (3) the following point ARO.OPS.224 is inserted:
‘ARO.OPS.224 Approval of fuel/energy schemes for IAM operations
 - (a) The competent authority shall approve the fuel/energy scheme proposed by an VCA operator if that operator demonstrates compliance with the requirements of points UAM.OP.VCA.190, UAM.OP.VCA.191, UAM.OP.VCA.192 and UAM.OP.VCA.195 of Annex IX.
 - (b) In addition, the competent authority shall:
 - (1) assess whether the VCA operator’s management system and safety risk management process can support the implementation of the proposed individual fuel/energy scheme; and
 - (2) establish an oversight plan to conduct periodic assessments of the operator’s current fuel/energy scheme to verify compliance of the scheme with the applicable requirements or decide whether the scheme should be amended or revoked.’;
- (4) the title of point ARO.OPS.225 is amended as follows:
‘ARO.OPS.225 Approval of fuel/energy schemes — aeroplanes and helicopters’;

(5) Appendix I to Annex II (Part-ARO) is replaced by the following:

| ‘AIR OPERATOR CERTIFICATE (Approval schedule for air transport operators) | | |
|---|---|--|
| Types of operation: | | |
| Commercial air transport (CAT) <input type="checkbox"/> Passengers; <input type="checkbox"/> Cargo; <input type="checkbox"/> Other ⁽¹⁾ : | | |
| Innovative air mobility (IAM) <input type="checkbox"/> Passengers; <input type="checkbox"/> Cargo; <input type="checkbox"/> Other ⁽¹⁾ : | | |
| ⁽⁴⁾ | State of the Operator ⁽²⁾ | ⁽⁵⁾ |
| | Issuing Authority ⁽³⁾ | |
| AOC # ⁽⁶⁾ : | Operator Name ⁽⁷⁾ | Operational Points of Contact: ⁽⁹⁾ Contact details at which operational management can be contacted without undue delay, are listed in ⁽¹²⁾ . |
| | Db a Trading Name ⁽⁸⁾ | |
| | Operator postal address ⁽¹⁰⁾ : | |
| | Telephone ⁽¹¹⁾ : | |
| | Fax: | |
| | Email: | |
| This is to certify that ⁽¹³⁾ is authorised to conduct commercial air transport (CAT) operations, as defined in the attached operations specifications, in accordance with the operations manual and with Annex V to Regulation (EU) 2018/1139 and its delegated and implementing acts. | | |
| This is to certify that ⁽¹³⁾ is authorised to conduct innovative air mobility (IAM) operations, as defined in the attached operations specifications, in accordance with the operations manual and with Annex V to Regulation (EU) 2018/1139 and its delegated and implementing acts. | | |
| Date of issue ⁽¹⁴⁾ : | Name and Signature ⁽¹⁵⁾ : | |
| | Title: | |
| ⁽¹⁾ Other type of transportation to be specified. ⁽²⁾ Replaced by the name of the State of the operator. ⁽³⁾ Replaced by the identification of the issuing competent authority. ⁽⁴⁾ For use by the competent authority. ⁽⁵⁾ For use by the competent authority. ⁽⁶⁾ Approval reference, as issued by the competent authority. ⁽⁷⁾ Replaced by the operator’s registered name. ⁽⁸⁾ Operator’s trading name, if different. Insert ‘Db a’ (for ‘Doing business as’) before the trading name. ⁽⁹⁾ The contact details include the telephone and fax numbers, including the country code, and the email address (if available) at which operational management can be contacted without undue delay for issues related to flight operations, airworthiness, flight and cabin crew members’ competency, dangerous goods and other matters as appropriate. ⁽¹⁰⁾ Operator’s address of principal place of business. ⁽¹¹⁾ Operator’s principal place of business telephone and fax details, including the country code. Email to be provided if available. ⁽¹²⁾ Insertion of the controlled document, carried on board, in which the contact details are listed, with the appropriate paragraph or page reference. E.g.: ‘Contact details ... are listed in the operations manual, gen/basic, Chapter 1, 1.1’; or ‘... are listed in the operations specifications, page 1’; or ‘... are listed in an attachment to this document’. ⁽¹³⁾ Operator’s registered name. ⁽¹⁴⁾ Issue date of the AOC (dd-mm-yyyy). ⁽¹⁵⁾ Title, name and signature of the competent authority’s representative. In addition, an official stamp may be applied on the AOC. | | |

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(6) Appendix II to Annex II (Part-ARO) is replaced by the following:

| ‘OPERATIONS SPECIFICATIONS (subject to the approved conditions in the operations manual) | | | | |
|--|--------------------------------|--------------------------|---|-----------------|
| Issuing authority contact details Telephone ⁽¹⁾ : _____; Fax: _____; Email: _____ | | | | |
| AOC ⁽²⁾ : | Operator name ⁽³⁾ : | Date ⁽⁴⁾ : | Signature: | |
| | Dba trading name | | | |
| Operations specifications #: | | | | |
| Aircraft model ⁽⁵⁾ : Registration marks ⁽⁶⁾ : | | | | |
| Types of operation: Commercial air transport (CAT) <input type="checkbox"/> Passengers <input type="checkbox"/> Cargo <input type="checkbox"/> Other ⁽⁷⁾ : _____ Innovative air mobility (IAM) <input type="checkbox"/> Passengers <input type="checkbox"/> Cargo <input type="checkbox"/> Other ⁽⁷⁾ : _____ | | | | |
| Area of operation ⁽⁸⁾ : | | | | |
| Special limitations ⁽⁹⁾ : | | | | |
| Specific approvals: | Yes | No | Specification ⁽¹⁰⁾ | Remarks |
| Dangerous goods | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Low-visibility operations | | | | |
| Take-off | <input type="checkbox"/> | <input type="checkbox"/> | RVR ⁽¹¹⁾ : ... m | |
| Approach and landing | <input type="checkbox"/> | <input type="checkbox"/> | CAT ⁽¹²⁾ DA/H: ...ft, RVR: ...m | |
| Operational credits | <input type="checkbox"/> | <input type="checkbox"/> | CAT ⁽¹³⁾ DA/H: ...ft, RVR: ...m | |
| RVSM ⁽¹⁴⁾ <input type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> | | |
| ETOPS ⁽¹⁵⁾ <input type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> | Maximum diversion time ⁽¹⁶⁾ : ... minutes | |
| Complex navigation specifications for PBN operations ⁽¹⁷⁾ | <input type="checkbox"/> | <input type="checkbox"/> | | ⁽¹⁸⁾ |
| Minimum navigation performance specification | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Operations with single-engined turbine aeroplane at night or in IMC (SET-IMC) | <input type="checkbox"/> | <input type="checkbox"/> | ⁽¹⁹⁾ | |
| Helicopter operations with the aid of night-vision imaging systems | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Helicopter hoist operations | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Helicopter emergency medical service operations | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Helicopter offshore operations | <input type="checkbox"/> | <input type="checkbox"/> | | |
| VTOL-capable aircraft emergency medical service operations (VEMS) | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Cabin crew training ⁽²⁰⁾ | <input type="checkbox"/> | <input type="checkbox"/> | | |

| | | | | |
|--|--------------------------|--------------------------|-----------------|--|
| Issue of CC attestation ⁽²¹⁾ | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Use of type B EFB applications | <input type="checkbox"/> | <input type="checkbox"/> | ⁽²²⁾ | |
| Continuing airworthiness | <input type="checkbox"/> | <input type="checkbox"/> | ⁽²³⁾ | |
| Others ⁽²⁴⁾ | | | | |
| <p>(1) Telephone contact details of the competent authority, including the country code. Email address to be provided, as well as fax if available.</p> <p>(2) Insertion of associated air operator certificate (AOC) number.</p> <p>(3) Insertion of the operator's registered name and the operator's trading name, if different. Insert 'Dba' (for 'Doing business as') before the trading name.</p> <p>(4) Issue date of the operations specifications (dd-mm-yyyy) and signature of the competent authority representative.</p> <p>(5) Insertion of ICAO designation of the aircraft make, model and series, or master series, if a series has been designated (e.g. Boeing-737-3K2 or Boeing-777-232) or insertion of the VTOL-capable aircraft make, model and series, as applicable.</p> <p>(6) The registration marks are listed either in the operations specifications or in the operations manual. In the latter case, the related operations specifications must make a reference to the related page in the operations manual. In case not all specific approvals apply to the aircraft model, the registration marks of the aircraft may be entered in the 'Remarks' column to the related specific approval.</p> <p>(7) Other type of transportation (e.g. emergency medical service) to be specified.</p> <p>(8) Listing of geographical area(s) of authorised operation (by geographical coordinates or specific routes, flight information region or national or regional boundaries).</p> <p>(9) Listing of applicable special limitations (e.g. VFR only, Day only, etc.).</p> <p>(10) List in this column the most permissive criteria for each approval or the approval type (with appropriate criteria).</p> <p>(11) Insertion of approved minimum take-off RVR in metres. One line per approval may be used if different approvals are granted.</p> <p>(12) Insertion of applicable precision approach category: CAT II or CAT III. Insertion of minimum RVR in metres and DH in feet. One line is used per listed approach category.</p> <p>(13) Insertion of applicable operational credit: SA CAT I, SA CAT II, EFVS, etc. Insertion of minimum RVR in metres and DH in feet. One line is used per listed operational credit.</p> <p>(14) The 'Not Applicable' (N/A) box may be checked only if the aircraft maximum ceiling is below FL290.</p> <p>(15) Extended range operations (ETOPS) currently applies only to two-engined aircraft. Therefore, the 'Not Applicable' (N/A) box may be checked if the aircraft model has fewer or more than two engines.</p> <p>(16) The threshold distance may also be listed (in NM), as well as the engine type.</p> <p>(17) Performance-based navigation (PBN): one line is used for each complex PBN-specific approval (e.g. RNP AR APCH), with appropriate limitations listed in the 'Specifications' or 'Remarks' columns, or in both. Procedure-specific approvals of specific RNP AR APCH procedures may be listed in the operations specifications or in the operations manual. In the latter case, the related operations specifications must have a reference to the related page in the operations manual.</p> <p>(18) Specify if the specific approval is limited to certain runway ends or aerodromes, or both.</p> <p>(19) Insertion of the particular airframe or engine combination.</p> <p>(20) Approval to conduct the training course and examination to be completed by applicants for a cabin crew attestation as specified in Annex V (Part-CC) to Regulation (EU) No 1178/2011.</p> <p>(21) Approval to issue cabin crew attestations as specified in Annex V (Part-CC) to Regulation (EU) No 1178/2011.</p> <p>(22) Insertion of the list of type B EFB applications together with the reference of the EFB hardware (for portable EFBs). This list is contained either in the operations specifications or in the operations manual. In the latter case, the related operations specifications must make a reference to the related page in the operations manual.</p> <p>(23) The approval reference of the organisation responsible for managing the continuing airworthiness of the aircraft and a reference to the relevant regulation (e.g. Annex Vc (Part-CAMO) to Regulation (EU) No 1321/2014).</p> <p>(24) Other approvals or data may be entered here, using one line (or one multi-line block) per authorisation (e.g. short-landing operations, steep-approach operations, reduced required landing distance, helicopter operations to or from a public interest site, helicopter operations over a hostile environment located outside a congested area, helicopter</p> | | | | |

operations without a safe forced landing capability, operations with increased bank angles, maximum distance from an adequate aerodrome for two-engined aeroplanes without an ETOPS approval).

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