

FAQ n.19055

FAQs:

Certification of maintenance, Part-145, Continuing Airworthiness, Regulations

Question:

Release to service of NDT tasks by Part-145 or Part-CAO organisations

Answer:

This answer is separated in two tables. One table is for organisation holding a Part-145 approval and the second table is for organisations holding a Part-CAO approval.

Part-145:

| Part-145 | Certifying staff | Qualification | General Release | Release procedure |
|--------------|------------------|---------------|-----------------|----------------------|
| organisation | required | system | procedure | for an NDT |
| | | | | inspection |
| | | | | |
| Aircraft | | | | A Part-145 |
| (class A) | | | | organisation holding |
| | | | | an A approval rating |
| | | | | on a particular |
| | | | | aircraft type and |
| | | | | having in its |
| | | | | approved scope of |
| | | | | work NDT |
| | | | | inspections for this |
| | | | | aircraft type. |
| | | | | |
| | | | | This organization |
| | | | | needs to have part- |
| | | | | 66 certifying staff |
| | The release of | | | and NDT personnel |
| | the aircraft | | | qualified in |
| | maintenance | | | accordance with |
| | carried out | | | 145.A.30(f). |
| | under A class | | | |
| | | | The release is | |

rating has to be performed by certifying staff holding a Part-66 licence. (B1 or B3 or C or L certifying staff under the organisation's A rating.)

Licencing of personnel has to follow Part-66 regulation.

technical log or issuing an aircraft release to service statement.

either on the aircraft In this case the NDT inspector performs the NDT task and signs off the work order. The aircraft is released by appropriately qualified B1, B3, C or L certifying staff under the organisation's A rating.

> Please note that the release may include not only the NDT task but also the associated tasks (removal of panels, blankets, wires, reinstallation, etc), or the NDT task may be part of a base maintenance check.

| | | , | | Page 3 of 1 |
|---------|--|-----------------------------|---|--|
| Engines | | The certifying staff | | A Part-145 |
| Class B | | is qualified | | organisation holding |
| | | following the | | a B rating approval |
| | | procedures | | on a particular |
| | | established by the | | engine type and |
| | | organisation in | | having in its |
| | | compliance with | | approved scope of |
| | | the competent | | work NDT |
| | | authority | | inspections for this |
| | | requirements. Part- | The release of | engine type. |
| | The release of the engine maintenance carried out under B class rating has to be performed by engine's certifying staff. | 66 licence is not required. | works performed under class B is done on an EASA Form 1 (or by means of an internal release document when this component is for the organisation's own use and the organisation has in place the related internal procedures in the MOE). | This organization needs to have "engine" certifying staff (qualified in accordance with company procedures) and NDT personnel qualified in accordance with 145.A.30(f). In this case the NDT inspector performs the NDT task and signs off the work order. The engine certifying staff releases the works performed to the engine (including NDT inspection) on an EASA Form 1. |
| | | | | |

| Components Class C | The release of the component maintenance carried out under C class rating has to be performed by components certifying staff (CCS). | The certifying staff is qualified following the procedures established by the organisation in compliance with the competent authority requirements. The CCS is not required to have a Part-66 licence. | The release of works performed under class C is done on an EASA Form 1 (or by means of an internal release document when this component is for the organisation's own use and the organisation has in place the related internal procedures in the MOE). | A Part-145 organisation holding a C rating approval on a particular component and having in its approved scope of work NDT inspections for this component. This organization needs to have CCS and NDT personnel qualified in accordance with 145.A.30(f). In this case the NDT inspector performs the NDT task and signs off the Work Order / Engineering Order. The CCS releases the works performed to the component (including NDT |
|-----------------------|---|--|--|--|
| | | | | component |

| The release the maintenant carried out under D1 or rating has performed "specialises services" certifying services and the maintenant carried out under D1 or rating has performed "specialises services" certifying services and the maintenant carried out under D1 or rating has performed "specialises services" certifying services and the maintenant carried out under D1 or rating has performed "specialises services" certifying services and the maintenant carried out under D1 or rating has performed "specialises services" certifying services and the maintenant carried out under D1 or rating has performed "specialises services" certifying services and the maintenant carried out under D1 or rating has performed "specialises services" certifying services and the maintenant carried out under D1 or rating has performed "specialises services" certifying services and the maintenant carried out under D1 or rating has performed "specialises services" certifying services and the maintenant carried out under D1 or rating has services and the maintenant carried out the maint | is qualified following the procedures established by the organisation in compliance with EN4179, Part-66 licence is not | The release of works performed under class D1 rating is done on an EASA Form 1 or using another form of release to service (other than aircraft release to service) as defined by the organisation in the MOE in compliance with 145.A.50 and | A Part-145 organisation holding a D1 approval on a particular NDT method. The approved scope of work will be NDT inspections on this method. This organisation needs to have NDT certifying staff qualified in accordance with 145.A.30(f). In this case the NDT certifying staff performs and releases the NDT task on an EASA |
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|--|---|---|---|

Note: In case of non-EU organisations approved by the EASA in accordance with Part-145, the Part-66 licence could be read as "Part-66 or national licence in accordance with Part-145 Appendix IV"

Part-CAO:

but also the associated

tasks (removal of

Part-145 Certifying Qualification General Release Release procedure for an NDT inspection organisation staff required system procedure Aircraft A Part-CAO (class organisation holding an aeroplanes, aeroplanes, helicopter, helicopter, airships, balloons or airships, sailplanes particular balloons or aircraft type or and sailplanes) having in its approved scope of work NDT inspections for this aircraft type. This organization needs to have part-66 certifying staff and NDT personnel qualified in The release accordance with of the aircraft CAO.A.035(f). maintenance carried out The release is either on In this case the NDT Licencing of under A class the aircraft technical log inspector performs the personnel has rating has to or issuing an aircraft NDT task and signs off to follow Partbe performed release to service the work order. The 66 regulation. by certifying statement. aircraft is released by staff holding appropriately qualified a Part-66 B1, B3 or L certifying staff under licence. the organisation's aeroplanes, helicopter, airships, balloons or sailplanes rating. Please note that the release may include not only the NDT task

panels, blankets, wires, re-installation, etc), or the NDT task may be part of a base maintenance check. Engines or
Components
other than
complete
engines
Class

The certifying staff is qualified following the procedures established by the organisation.

Components

organisation, Part-66 licence is not required.

The release of the engine maintenance carried out under components class rating has to be performed by 'engine's' or 'components other than complete engines' certifying staff.

The release of works performed under class components is done on an EASA Form 1 (or by means of an internal release document when this component is for the organisation's own use and the organisation has in place the related internal procedures in the CAE).

A Part-CAO organisation holding a components rating approval on a particular engine type or 'components other than complete engines' and having in its approved scope of work NDT inspections for this engine type.

This organization needs to have "engine"

needs to have "engine" or 'components other than complete engines' certifying staff (qualified in accordance with company procedures) and NDT personnel qualified in accordance with CAO.A.035(f). In this case the NDT inspector performs the NDT task and signs off the work order. The engine or 'components other than complete engines' certifying staff releases the works performed to the engine or 'components other than complete engines' (including NDT inspection) on an EASA Form 1.

Components Class C

staff is qualified The release following the of the procedures established by component maintenance the carried out organisation in under C class compliance rating has to with the be performed competent authority by components requirements. certifying staff The CCS is not (CCS). required to have a Part-66 licence.

The certifying

The release of works performed under class C is done on an EASA Form 1 (or by means of an internal release document when this component is for the organisation's own use and the organisation has in place the related internal procedures in the NDT task and signs off MOE).

A Part-145 organisation holding a C rating approval on a particular component and having in its approved scope of work NDT inspections for this component.

This organization needs to have CCS and NDT personnel qualified in accordance with 145.A.30(f).

In this case the NDT inspector performs the the Work Order / Engineering Order. The CCS releases the works performed to the component (including NDT inspection) on an EASA Form 1.

Specialised services

> The release of the maintenance carried out under 'Specialised Services' the class rating has to be performed by "specialised services" certifying staff.

The certifying staff is qualified following the procedures established by organisation in compliance with EN4179, Part-66 licence is not required.

The release of works performed under class 'Specialised Services' rating is done on an EASA Form 1 or using another form of release to service (other than aircraft in accordance with release to service) as defined by the organisation in the CAE in certifying staff performs compliance with CAO.A.070(a) and approved by the competent authority (AMC1 CAO.A.070 (a) (1)).

A Part-CAO organisation holding a 'Specialised Services' approval on a particular NDT method. The approved scope of work will be NDT inspections on this method. This organisation needs to have NDT certifying staff qualified CAO.A.035(f).

In this case the NDT and releases the NDT task on an EASA Form 1 or using another form of release to service (other than aircraft release to service) as defined by the organisation in the CAE in compliance with CAO.A.070 and approved by the competent authority.

Note: In case of non-EU organisations approved by the EASA in accordance with Part-145, the Part-66 licence could be read as "Part-66 or national licence in accordance with Part-145 Appendix IV"

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Link:

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