

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. | either on the aircraft technical log or issuing an aircraft release to service statement. | Page 2 of 11 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, re- installation, etc), or the NDT task may be part of a base maintenance check. |

| Engines Class B | The certifying staff is qualified following the procedures established by the organisation in compliance with the competent authority requirements. Part- 66 licence is not required. | The release of 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). | A Part-145 organisation holding a B rating approval on a particular engine type and having in its approved scope of work NDT inspections for this engine type. 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. |
|--------------------|--|---|---|
| | | in the MOE). | signs off the work order. The engine certifying staff releases the works performed to the engine (including NDT inspection) on |

| Page | 5 | of | 1 | 1 |
|-------|---|----|---|---|
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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:

| Part-145 organisation | Certifying staff required | Qualification system | General Release procedure | Page 6 of 11 Release procedure for an NDT inspection |
|---|---|--|--|--|
| Aircraft (class aeroplanes, helicopter, airships, balloons or sailplanes) | | | | A Part-CAO organisation holding an aeroplanes, helicopter, airships, balloons or sailplanes particular aircraft type or and having in its approved scope of work NDT inspections for this aircraft type. |
| | The release of the aircraft maintenance | | | This organization needs to have part-66 certifying staff and NDT personnel qualified in accordance with CAO.A.035(f). |
| | carried out under A class rating has to be performed | Licencing of personnel has to follow Part- 66 regulation. | The release is either on the aircraft technical log or issuing an aircraft release to service statement. | 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 or L certifying staff under the organisation's aeroplanes, helicopter, airships, balloons or sailplanes rating. |
| | | | | Please note that the release may include not only the NDT task |

not only the NDT task but also the associated tasks (removal of

Page 7 of 11 panels, blankets, wires, re-installation, etc), or the NDT task may be part of a base maintenance check.

A Part-CAO

Engines or Components other than complete engines Class Components The certifying staff is qualified following the procedures established by the 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).

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" 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

> The certifying 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 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.

competent authority.

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|--------------|---|------------------------------|----------------------------|
| | | | A Part-CAO |
| | | | organisation holding a |
| | | | 'Specialised Services' |
| | | | approval on a particular |
| | | | NDT method. The |
| | | | approved scope of |
| | | The release of works | work will be NDT |
| | | performed under class | inspections on this |
| The release | | 'Specialised Services' | method. |
| of the | The certifying | rating is done on an | This organisation |
| maintenance | staff is qualified | EASA Form 1 or using | needs to have NDT |
| carried out | following the procedures established by the organisation in | another form of release to | certifying staff qualified |
| under | | service (other than aircraft | |
| 'Specialised | | release to service) as | CAO.A.035(f). |
| Services' | | defined by the | In this case the NDT |
| class rating | | on in | |
| has to be | compliance | | and releases the NDT |
| performed by | with EN4179, | compliance with | task on an EASA Form |
| "specialised | Part-66 licence | CAO.A.070(a) and | 1 or using another form |
| services" | is not required. | approved by the | of release to service |
| certifying | | competent authority | |
| staff. | | (AMC1 CAO.A.070 (a) | (other than aircraft |
| | | (1)). | release to service) as |
| | | | defined by the |
| | | | organisation in the CAE |
| | | | in compliance with |
| | | | CAO.A.070 and |
| | | | approved by the |

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:

https://www.easa.europa.eu/cs/faq/19055