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AIC
C 002/20
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Performance of aircraft maintenance

1. Applicability

This AIC shall apply to aircraft owners, continuing airworthiness management organizations and individuals / organizations performing aircraft maintenance.

2. Purpose

The purpose of this AIC is to remind interested parties of the applicable requirements related to the performance of aircraft maintenance.

3. Referenced documents

Commission Regulation (EU) No 1321/2014 of 26 November 2014 on the continuing airworthiness of aircraft and aeronautical products, parts and appliances, and on the approval of organizations and personnel involved in these tasks, Annex I Subpart D — Maintenance Standards.

4. General information

It has been reported that aircraft maintenance is not always performed by engineers that are authorized to issue a certificate of release to service or under the supervision of such persons. There is also the possibility of mistakes and omissions when a maintenance task is started by one engineer and completed by a different engineer without a proper handover being in place.

5. Who shall perform aircraft maintenance

To ensure that maintenance standards remain at an acceptable level, it is a regulatory requirement that any person or organization performing maintenance shall be qualified for the tasks performed, as required. This aircraft maintenance shall only be performed by engineers that are authorized to issue a certificate of release to service or under the supervision of such persons.

Commission Regulation (EU) No 1321/2014, at AMC M.A.402 (a) states:

- I. "Maintenance should be performed by persons authorized to issue a certificate of release to service or under the supervision of persons authorized to issue a certificate of release to service. Supervision should be to the extent necessary to ensure that the work is performed properly and the supervisor should be readily available for consultation."
- II. "The person authorized to issue a certificate of release to service should ensure that:
 - a) each person working under his/her supervision has received appropriate training or has relevant previous experience and is capable of performing the required task; and
 - b) Each person who performs specialized tasks, such as welding, is qualified in accordance to an officially recognized standard."

6. The importance of the work card / worksheet system

Whenever lengthy or complex maintenance tasks are being performed there is a possibility of mistakes and omissions due to improper handover from one engineer to the next. A worksheet system, as described in the regulation, shall therefore be used in such cases.

Commission Regulation (EU) No 1321/2014, at AMC M.A.401 (c) states:

- III. “Maintenance tasks should be transcribed onto the work cards or worksheets and subdivided into clear stages to ensure a record of the accomplishment of the maintenance task. Of particular importance is the need to differentiate and specify, when relevant, disassembly, accomplishment of task, reassembly and testing. In the case of a lengthy maintenance task involving a succession of personnel to complete such task, it may be necessary to use supplementary work cards or worksheets to indicate what was actually accomplished by each individual person. A worksheet or work card system should refer to particular maintenance tasks.”

7. Further Information

For any queries regarding this AIC please contact:

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