

## DRAFTING GROUP TASKING FORM

### EASA

#### **TERMS OF REFERENCE**

**TOR Nr:** MDM.002

(Multi-Disciplinary Measures)

**Issue:** 2

**Date:** 7 September 2004

**Regulatory reference:** Part 21A.xx (new reference), Part M.A.302 and Subpart D, CS 25 new subpart H + AMC, CS 25.1529 + AMC.

**Reference documents:** ATSRAC report to the FAA

| <b>1.Subject:</b> AGEING WIRING  |   |
|--|---|
| <b>2.Problem / Statement of issue and justification; reason for regulatory evolution (regulatory tasks):</b><br>Following a number of aeroplane accidents with causes related to aging aircraft systems the Ageing Transport Systems Rulemaking Advisory Committee (ATSRAC) was formed in 1999. Their task was to investigate design, maintenance and training issues with a target to assure continuing operational safety. This US-lead group has made proposals to the FAA for regulatory change. Proposals for changes to European rules will have to be made. |   |
| <b>3.Objective:</b><br>Developing necessary rules and guidance intended to set the standards for mitigating the risks of ageing electrical cables, by appropriate design and maintenance measures.   |   |
| <b>4. Specific tasks and interface issues (Deliverables):</b><br>Transcribe the ATSRAC proposals into draft NPAs fitting in the EASA regulatory structure as follows:  |   |
| FAA  | EASA  |
| SFAR XX (codified FAR 21) to require TC and identified STC Holders to perform EZAP retroactively   | Introduction of a change to Part 21 to require TC and STC Holders to update their ICAWs to take account of ageing aircraft/systems issues when they have been identified and agreed by the Agency.  |
| FAR 25 plus AC – the introduction of a new subpart (H) to address EWIS   | CS 25 - the introduction of a new subpart H to address EWIS   |
| FAR 25.1529 – to include the need to<br>(i) perform EZAP<br>(ii) produce ESWPM<br>(iii) wiring identification<br>(iv) wiring separation and<br>(v) electrical load analyses.   | CS 25.1529 – to include the need to<br>(i) perform EZAP<br>(ii) produce ESWPM<br>(iii) wiring identification<br>(iv) wiring separation and<br>(v) electrical load analyses.   |
| FAR 91, 121, 125 and 135 – to require operators to include the output of EZAP into their maintenance programmes  | Part M (if not already covered by the general provisions of TOR M.002, incorporation of NPA OPS-28)<br>- M.A.302: to require operators to include the output of EZAP into their maintenance programmes,<br>- amend subpart D to reflect EWIS maintenance / inspection standards |
| AC 120 – XX – EZAP guidance material   | AMC 25.1529:<br>- EZAP guidance material<br>- guidance for ESWPM  |
| AC 120 – ZZ – Guidance for ESWPM   |   |
| AC 120 – YY – EWIS training guidance material  | AMC 25.yy EWIS training guidance material   |

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| <p><b>5. Working Methods</b> (in addition to the applicable EASA procedures):</p> <p>The initial meeting should be held early enough so as to allow to meet the task within the required timescale;</p> <p>Meetings shall be held at the Agency's head office or at the Central JAA depending where the Agency support to the group is provided.</p> |
| <p><b>6. Time scale, milestones:</b></p> <p>The draft NPAs should be ready for consultation by second half 2005</p>  |
| <p><b>7. Composition:</b></p> <p><b>Proposed Chairman:</b> Tony Heather, CAA UK<br/> <b>Proposed Secretary:</b> Rick Bewsey, CAA UK<br/> <b>Members:</b> Patrick Mattei, DGAC<br/> Joachim Bargmann, Airbus<br/> Terje Hove, CAA Norway</p>  |

| <p><b>Comments:</b> This is the revision 2 of TOR MDM.002 with the nomination of Mr. Joachim Bargmann from Airbus.</p> <p><b>Changed:</b> 8/9/04</p> <p><b>File name:</b> S:\RULEMAKING DIRECTORATE\Process support\Documents\TOR\2004\1st LOT - posted on 15&amp;13-05-04</p> <p><b>Approved by:</b></p> <table border="1"> <thead> <tr> <th>Function</th> <th>Name</th> <th>Signature</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Rulemaking Director</td> <td>Claude Probst</td> <td>On file</td> <td>10/09/2004</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |               |           |            | Function | Name | Signature | Date | Rulemaking Director | Claude Probst | On file | 10/09/2004 |  |  |  |  |
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| Function   | Name          | Signature | Date       |          |      |           |      |                     |               |         |            |  |  |  |  |
| Rulemaking Director  | Claude Probst | On file   | 10/09/2004 |          |      |           |      |                     |               |         |            |  |  |  |  |
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