

EASA

TERMS OF REFERENCE

TOR Nr: CS-25/038

Issue: 1

Date: 08 December 2004

Regulatory reference: CS-25 book 1 and book 2

Reference documents: JAA A-NPA 25-310

1. Subject: Human Centred Design

2. Problem / Statement of issue and justification; reason for regulatory evolution (regulatory tasks):

Various aerospace studies have independently attributed between 60% and 80% of accident and incident causes to be linked with human error.

Study shows by area of activity the relative proportions of the identified Human Factors events that could be mitigated by human centred design.

Operational	60%
Maintenance	27%
Production	10%

With respect to the Operational errors, regulatory initiatives are already underway looking at the flight deck.

3. Objective:

New rules that target those risks from human error during maintenance and production that can be addressed by design. The Human Centred Design (HCD) rules and advisory material proposed in this NPA are intended to add a new design goal such that the designer recognises that current design objectives such as strength, integrity and reliability can and will be compromised by human error.

4. Specific tasks and interface issues (Deliverables):

Transposition of JAA A-NPA 25-310 into EASA NPA

5. Working Methods (in addition to the applicable EASA procedures):

Transposition of NPAs carried out by Rulemaking Directorate.

6. Time scale, milestones:

NPA to be published December 2004

Abstract: The document contains the Terms of Reference on the task mentioned at the top of the document, part of the rulemaking work programme 2004, and established in accordance the requirements set out in the rulemaking procedure.

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Author: P. Corbeel

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Approved by:

Function	Name	Signature	Date
Rulemaking Director	Claude Probst		