European Union Aviation Safety Agency

RMT.0713 Human Factor in rotorcraft design

Date:

26 Mar 2019

Location

EASA Headquarters

Konrad-Adenauer-Ufer 3
50668 Köln
Germany

Directions to the Agency

Description

Date & time

26/03/2019, 08:30 - 17:30

Registration

Participation only upon invitation.

Description

Human factors may contribute either directly or indirectly to aircraft accidents and incidents, and the design of a flight deck and its systems can strongly influence the performance of the crew and the potential for crew errors.

Currently, the certification specifications (CSs) for rotorcraft do not contain any specific provisions for a human factors assessment to be carried out. New generation helicopters are characterised by having a high level of integration of cockpit equipment, displays, controls and automation. It is also likely that future rotorcraft projects, embodying, for instance, fly-by-wire technology flight controls that include enhanced piloting control laws, will pose new and additional challenges from a human factors perspective.

To address this issue, in August 2018, EASA published the Term of Reference related to

RMT.0713 ‘Human Factor in rotorcraft design’.

The main objective of this new rulemaking task is to reduce the probability of human factors and pilot workload issues that could lead to an accident or incident. To achieve such objective, EASA plans to introduce specific provisions for human factor assessment into certification specifications (CS) for rotorcraft. For this reason, a draft NPA has been prepared by EASA.

The scope of this workshop is to perform an upfront discussion of this draft NPA with affected stakeholders.

Participants will have the possibility to upfront provide their feedback on the drafted material identifying potential elements of attention for the industry and for the Agency.

After this event, the Agency will adjust the draft NPA as needed. Then the public consultation will be launched.

Contact

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Other documents

Draft Agenda - RMT.0713 Human Factor in rotorcraft design