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Title	Open rotor engine and installation
NPA Number	NPA 2015-22

UK CAA (European.Affairs@caa.co.uk) has placed **2** unique comments on this NPA:

Cmt#	Segment description	Page	Comment	Attachments
63	3.1. Draft CS-25 — CS 25.33 Propeller and open rotor speed and pitch limits	37	**Page No:** 37 et seq. **Paragraph No:** Amendments to CS-25. **Comment:** Given that the working definition of open rotor engine includes those engines "featuring contra-rotating fan stages not enclosed within a casing", it appears that unlike turboprop engine designs, contra-rotating open rotor engines will be the norm. If however those designs are to be assessed in the same way as turbo-propeller designs in the CS-25 Subpart B amendments, it should be required throughout the requirements that the probability to achieve the appropriate engine configurations for the controllability, and manoeuvrability requirements in particular, are the same as can be achieved by turboprop designs. **Justification:** The consequences of failing to achieve the open-rotor engine configuration assumed in the requirements must be no worse than for conventional turboprop designs.	
64	3.2. Draft CS-E — CS-E 795 Open Rotor Lightning Strike	60	**Page No:** 60 **Paragraph No:** CS-E 795 Open Rotor Lightning Strike **Comment:** CS-E 795 Open Rotor Lightning Strike seems to address everything except uncommanded reverse thrust. It is questioned whether this is intentional.	