

Control System*

*: See also Certification of Airborne Software and Complex Electronic Hardware

Marc Locquet
EASA Project Certification Manager Propulsion



EU-CHINA
中欧民航合作项目 **APP**

- CS E 50 Engine Control System
 - Engine Control System operation
 - Control transition
 - Engine control system failure
 - System Safety Assessment
 - Protection system
 - Software and Programmable Logics Devices
 - Aircraft Supplied data
 - Aircraft Supplied Electronic Power
 - Air pressure signal
 - Specific 30 second OEI



- AMC 20-2A: Certification of Essential APU Equipped with Electronic Controls
- AMC 20-3A: Certification of Engines Equipped with Electronic Engine Control Systems



➤ CS E 80 Equipment

- Fire and Overheat

➤ Atmospheric Neutrons:

- CM – AS – 004: Single Event Effects (SEE) Caused by Atmospheric Radiation





EU-CHINA
中欧民航合作项目 **APP**

End

Tel: +49-221-89990-4106
email: marc.locquet@easa.europa.eu



This project is funded by the European Union