

Rotorcraft - Advanced Flight Control Systems (AdFC)

Update from 2011

EASA Symposium

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Cologne, Germany

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**Federal Aviation
Administration**



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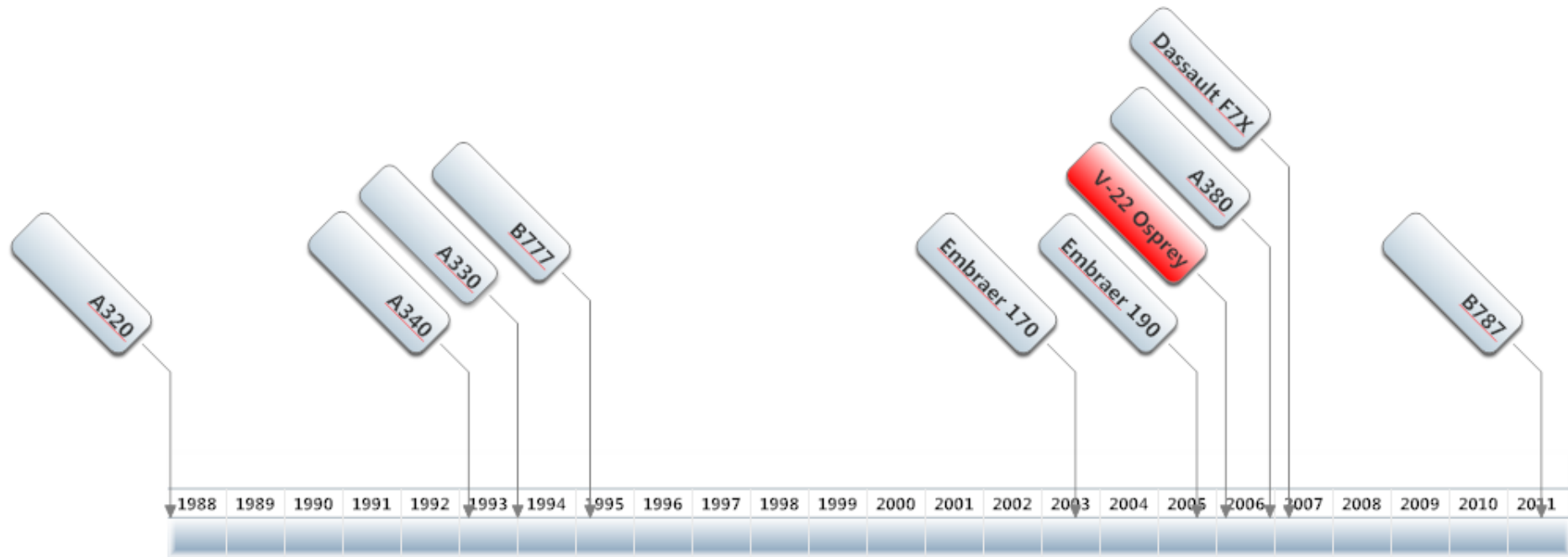


OVERVIEW:

- Brief History
- Current Status



Brief History



- All part 25 aircraft
- All have Special Conditions (SC)



Brief History cont...

- In July 2010 the FAA started a review of the application of guidance material applicable to AdFC systems.
- In Jan 2011 an informal FAA team including several ACOs and the Chief Scientist and Technical Advisor (CSTA) launched a formal change to existing guidance into a revised Advisory Circular (AC) and accompanying Policy Statement (Handbook).
- In Jan 2013, both EASA and TCCA informally joined the effort in reviewing a draft copy of the Handbook.
- The FAA released into public comment the AC 29 MG 17 and corresponding handbook.



Current Status

Agusta Tilt Rotor Co - AW609



- The initial application for Type Certificate was Feb 1996
- Much of the system design/review is mature
- Proposed certification date – 2016



Current Status

Bell 525 Relentless



- First application of new AC and Policy
- First flight expected – 2014



Current Status

- **The public comment review has been completed**
- **The adhoc team from EASA, TCCA and the FAA have been reviewing the Handbook in monthly meetings.**
 - ♦ **70 + comments have been recorded; over 40% are Closed**
- **The final release: March 2014**
 - ♦ **AC 29 MG 17**
 - ♦ **Policy Statement (handbook)**



