

European Aviation Safety Agency

RULEMAKING PROGRAMME 2004

EASA Regulation

Title	Description	Deliverable	Working method
Extension to air Operations, Flight Crew Licensing and third country aircraft.	Finalisation of Applicability, Basic Principles and Essential Requirements	Opinion	Agency

Part 21

Title	Description	Deliverable	Working method
POA for Navigation Data publishers	Use POA to assure the quality of the navigation data provided to the operators	NPA for GM	- Agency for transposing draft TGM into EASA proposal. - Group to handle the NPA comments
Flight Testing	A package of NPAs to JAR-1, JAR-21 and JAR-FCL was developed to deal with design Flight testing (see also CS-Definitions)	- NPA for an Opinion to change Part 21 - NPA for AMC/GM	- Agency for transposing JAA NPA 21-34 into EASA proposal. - Group to handle the NPA comments Interaction with JAA Licensing. (Need for co-ordinated NPAs)
EASA Form 55 and 65, AMC 2 to 21B.230 Approved organisations certificate number	Establish Agency policy for numbering format of approval certificates and implement in Part 21 and AMC/GM	- Opinion to change Part 21 - AMC/GM	Agency
Cleaning up of Part 21 and AMC/GM	Consolidation of various 'minor' amendments and correction of errors coming from CRD and implementation	- Opinion to change Part 21 - AMC/GM	Agency
ETOPS/LROPS	The NPA package (to JAR-1, -21, -25, -E, -OPS 1 and GAI-20) covers revisions to current ETOPS (twin engines) and introduces LROPS (three and four engines). Development of RIA in coordination with JAA. (See also CS-25 and AMC-20)	NPA for Opinion to change Part 21	Group Using JAA NPAs together with explanatory notes and dissenting opinions. Interaction with JAA Operations.

Part M

Title	Description	Deliverable	Working method
Cleaning up of Part M and AMC/GM	Consolidation of various 'minor' amendments and correction of errors coming from CRD and implementation	- Opinion to change Part M - AMC/GM	Agency
Ageing Aircraft Structures	Alignment of relevant wording of Part M and JAR OPS 1 (NPA OPS 28)	Opinion to change Part M	Agency

Part 145

Title	Description	Deliverable	Working method
Cleaning up of Part 145 and AMC/GM	Consolidation of various 'minor' amendments and correction of errors coming from CRD and implementation	- Opinion to change Part 145 - AMC/GM	Agency

Part 66

Title	Description	Deliverable	Working method
AMC Appendix 1	Appendix 1 to AMC to be changed into guidance material	AMC/GM 66	Agency
66.A.55	Evidence of qualification	Opinion to change Part 66	Agency
Cleaning up of Part 66 and AMC/GM	Consolidation of various 'minor' amendments and correction of errors coming from CRD and implementation	- Opinion to change Part 66 - AMC/GM	Agency

Part 147

Title	Description	Deliverable	Working method
Cleaning up of Part 147 and AMC/GM	Consolidation of various 'minor' amendments and correction of errors coming from CRD and implementation	- Opinion to change Part 147 - AMC/GM	Agency

CS-Definitions

Title	Description	Deliverable	Working method
Flight Testing	A package of NPAs to JAR-1, JAR-21 and JAR-FCL was developed to deal with design Flight testing (see also Part-21)	NPA	- Agency for transposing JAA NPA 1-3 into EASA proposal. - Group to handle the NPA comments Interaction with JAA Licensing. (Need for co-ordinated NPAs)

CS-22

Title	Description	Deliverable	Working method
Fatigue Substantiation	The aim is to define a simple method to substantiate composite structures based on the present experience	CS	Group Reduced consultation period based on JAA draft final rule for NPA 22C-72 and CRD.

CS-VLA

Title	Description	Deliverable	Working method
Approval for Night VFR	Applicability of CS-VLA is limited to day VFR only. Additional requirements should be developed to allow certification to night VFR.	NPA for CS	Group

CS-23

Title	Description	Deliverable	Working method
Single engine stall speed	CS-23 limits the single engine stall speed to 61 kts. It is proposed to increase this limit to 65 kts under certain conditions.	NPA for CS	Agency Using JAA NPA 23-XX

CS-25

Title	Description	Deliverable	Working method
Flight in Icing Conditions and Flight Test Guide	As result of a JAA/FAA harmonization programme: <ul style="list-style-type: none"> - Improve requirements on performance and handling characteristics in the icing conditions of CS-25 Appendix C. - Publish a CS-25 Flight Test Guide which is a compilation of acceptable means of compliance for performance and handling qualities requirements 	CS	Agency Reduced consultation period based on JAA draft final rule for NPA 25BEF-332 and CRD and on JAA draft final rule for NPA 25B-335 and CRD
Operation on Contaminated Runways	Amendment to CS 25 on operation on contaminated runways	CS	Group Reduced or full comment period depending on group output, based on JAA draft final rule for NPA 25G-334 and CRD
Miscellaneous - Structure	As result of a JAA/FAA harmonization programme, amend several requirements relative to structure: <ul style="list-style-type: none"> - Vibration, Buffet and Aeroelastic Stability (JAA NPA 25BCD-236 and CRD) - Interaction of Systems and Structures (JAA NPA 25C-199) - Material Strength Properties and Material Design Values (JAA NPA 25D-286) - Casting Factors (JAA NPA 25D-272) - Proof of Structure (JAA NPA 25C-290) - Gust and Continuous Turbulence Design Loads (JAA NPA 25C-309) 	CS	Agency Reduced consultation period based on JAA NPAs and respective CRDs
Fuel Tank Structural Integrity / Fuel Tank Access Covers	As result of a JAA/FAA harmonization programme, amend several requirements related to fuel tanks, and associated AMC	NPA for CS	Group Reduced or full consultation period depending on group output, based on JAA draft final rule for NPA 25E-304 and CRD.

Title	Description	Deliverable	Working method
Flight Loads Validation	As result of a JAA/FAA harmonization programme, amend CS-25.301, and associated AMC	NPA for CS	Group Reduced or full consultation period depending on group output, based on JAA draft final rule for NPA 25C-343 and CRD
Doors and Mechanical Systems	As result of a JAA/FAA harmonization programme, amend several requirements relative to - Doors (JAA NPA 25-316) - Mechanical Systems (JAA NPA 25D-301)	CS	Agency Reduced consultation period based on JAA NPAs and respective CRDs
Flight Guidance Systems	As result of a JAA/FAA harmonization programme, amend CS 25.1329 and 25.1335. (linked to NPA AWO-16)	NPA for CS	Group Reduced consultation period based on JAA draft final rule for NPA 25F-344 and CRD
Flight Crew Error/Flight Crew Performance Considerations in the Flight Deck Certification Process	As result of a JAA/FAA harmonization programme, develop or update CS-25 to consistently address design-related flight crew performance vulnerabilities, and prevention and management of flight crew error.	NPA for CS	Group and Agency Using JAA NPA 25-XX
Human Centered Design	A-NPA 25-310	NPA for CS	Agency Using JAA A-NPA 25-310
Symbolic exit signs and Revised standards for cargo compartments ("D to C")	Amend requirements related to - "Graphical exit signs as an alternative to red exit signs for passenger aircraft" (JAA NPA 25D-327) - Upgrade of the Class D cargo compartments to include smoke detection and fire suppression systems (JAA NPA 25D-320).	CS	Agency Reduced consultation period based on JAA NPAs and their respective CRDs.
Overhead bin safety precautions	New AMC to CS 25.787	NPA for CS	Agency Using JAA NPA 25-XX
Thermal/ Acoustic insulation material	Amend several requirements to improve resistance to fire of such material, in a similar way to FAR Amendment 25.111. However, fuselage burnthrough is proposed as part of the 2005/2007 advanced rulemaking planning.	NPA for CS	Group Using JAA NPA 25-345.

Title	Description	Deliverable	Working method
APU Installation and Fuel Tank Safety	As result of a JAA/FAA harmonization programme: - Significantly revise CS-25 Subpart J (JAA NPA 25J-300) - Amend requirement relative to fuel tank ignition (JAA NPA 25E-342)	CS	Agency Reduced consultation period based on JAA NPAs and respective CRDs
Miscellaneous - Powerplant	As result of a JAA/FAA harmonization programme, amend several requirements relative to: - Safety Assessment (JAA NPA 25E-337) - Reversing System Requirement (JAA NPA 25E-338) - Powerplant Shut-off (JAA NPA 25E-339) - Powerplant Controls (JAA NPA 25E-340)	NPA for CS	Group Reduced or full comment period depending on group output, based on JAA NPAs 25-337 and respective CRD
ETOPS/LROPS	The NPA package (to JAR-1, -21, -25, -E, -OPS 1 and GAI-20) covers revisions to current ETOPS (twin engines) and introduces LROPS (three and four engines). Development of RIA in coordination with JAA. (See also Part 21 and AMC-20)	NPA for CS	Group Using JAA NPAs together with explanatory notes and dissenting opinions. Interaction with JAA Operations.

CS-AWO

Title	Description	Deliverable	Working method
Miscellaneous CS-AWO	As result of a JAA/FAA harmonization programme: <ul style="list-style-type: none"> High Altitude Landing System Performance (JAA NPA AWO-11) Structural Limit Loads and Lateral Touchdown Performance (JAA NPA AWO-14) Revisions to CS-AWO resulting from JAR/FAR 25.1329 activity (JAA NPA AWO-16) (linked to NPA 25F-344) Incorporation of new technologies and replacement of existing Special Conditions: Introduction of Head-Up Guidance Landing System (JAA NPA AWO-13)	NPA for CS	Group Reduced or full comment period depending on group output, based on JAA NPAs and associated CRD

Resolution of Comments submitted by industry against CS-AWO.	Clarification of paragraph arrangement for Super Fail-Passive criteria.	NPA for CS	Group
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CS-27 and CS-29

Title	Description	Deliverable	Working method
Performance & Handling Qualities	As result of a JAA/FAA harmonization programme, review and update FAR/CS-27/29 Section B performance and handling qualities requirements and associated AC/AMC	NPA for CS	Group Reduced consultation period based on JAA NPA 27-20; 29-26 and CRDs
Damage Tolerance & Fatigue Evaluation	As result of a JAA/FAA harmonization programme: <ul style="list-style-type: none"> • Development of design methodologies for fatigue evaluation of metallic components. Amends 27/29.571. • Development of design methodologies for fatigue evaluation of composite components. Creates a new 27/29.573. 	NPA for CS	Group Using JAA draft NPAs

CS-E

Title	Description	Deliverable	Working method
Certification of Aircraft Propulsion Systems Equipped with Electronic Engine Control Systems	Revision of existing Acceptable Means of Compliance (AMC 20-1) applicable to Electronic Engine Controls (See NPA E-33 2nd round)	NPA for CS	Group Using JAA NPA 20-9 and CRD
Miscellaneous CS-E	<ul style="list-style-type: none"> • Resolution of conflict between paragraphs relative to Maximum Engine Over-speed, Over-Temperature and Over-Torque on Engines with a 30 Second/2 Minute Rating (JAA NPA E-51) • Clarification of Time Limited Dispatch Criteria (JAA draft NPA E-55) • New paragraph to CS-E - reintroducing previous texts relative to Electrical Bonding (JAA NPA-E-56) • Improve the wording of requirements relative to Air Ducts for clarification and consistency purposes. 	NPA for CS	Group Reduced consultation period when text based on JAA NPAs already circulated

CS-P

Title	Description	Deliverable	Working method
Major revision to CS-P	<ul style="list-style-type: none"> Incorporation of various definitions into CS-P 15 (JAA NPA P-5) Propeller Control System (JAA NPA P-6) Safety Analysis (JAA NPA P-7) Fire Requirements (JAA NPA P-8) Critical Parts (JAA NPA P-9) Creation of a complete set of AMC (JAA NPA P-4) 	NPA for CS	Group Reduced consultation period based on JAA NPAs and associated CRD

CS-ETSO

Title	Description	Deliverable	Working method
Offshore safety and survivability equipment	Introduction of ETSO's -C13f, -C70a, -2C502, -2C503, -2C504, -2C505, all dealing with offshore safety and survivability equipment	NPA for CS	Group/Agency Reduced consultation period based on JAA NPA TSO-9 and CRD
Validation of existing national equipment specifications	Based on Member States input, review using appropriate criteria and transform national specifications into ETSO	NPA for CS	Group/Agency
Miscellaneous ETSO	Add/ update as appropriate: <ul style="list-style-type: none"> 2C123a Cockpit Voice Recorder Systems 2C124a Flight Data Recorder Systems C145a Airborne Navigation Sensor using GPS augmented by the WAAS, C146a Stand alone airborne navigation equipment using the GPS augmented by WAAS, C151b TAWS 2C507 In Flight Icing Detection System 2C508 Ground Icing Detection System 2C509 Light Aviation Secondary Surveillance Transponders 2C510 Crash Protected Airborne Recorder Systems- Image Recorder 2C511 Crash Protected Airborne Recorder Systems- CNS/ATM Recorder 2C112a to -2C112b by introducing ED-73b as MOPS 	NPA for CS	Agency Using JAA NPA TSO-10 and -11

Balloons and Airships (to become CS-30 & CS-31)

Title	Description	Deliverable	Working method
Balloons and Airships	Creation of CS-30 & CS-31	CS	Agency using work of core group.

AMC-20

Title	Description	Deliverable	Working method
Airworthiness and operational approval for on-board equipment related to ATM Programmes (e.g. EATMP)	<p>These airworthiness and operational approval for on-board equipment are necessary for the smooth implementation of the following ATM Programmes:</p> <ul style="list-style-type: none"> • Approval of Departure Clearance via Data Communications over ACARS (JAA NPA 20-7) • Digital ATIS via Data Link over ACARS (JAA NPA 20-13) • Approval for use of Initial Services for Air-Ground (JAA NPA 20-11) • Data Link in Continental Airspace Recognition Of FAA Order 8400.12a for RNP10 Operations (JAA NPA 20-8) • Enhanced Surveillance With SSR Mode S (JAA NPA 20-12) 	AMC	Agency Reduced or full comment period depending on group output, based on JAA NPAs and associated CRD. Interaction with JAA Operations
AMC – Airworthiness and Operational Approval of Electronic Flight Bags	Originally planned as an Ops TGL, but containing airworthiness criteria. Not a D&F SG activity per-se and sponsored by the OST, but documented here to reflect certification specialist input and to put on record for future consultation.	NPA for AMC	Group Using JAA Draft TGL. There is an interaction with JAA. (Need for co-ordinated NPAs)
Airworthiness and Operational Approval for on board equipment related to RNP-RNAV Approach Operations.	Guidance Material for Airworthiness and Operational Approval for RNAV Approach Operations in Designated European Airspace (Originally referred to as TGL XY and TGL XZ).	NPA for AMC	Group There is an interaction with JAA. (Need for co-ordinated NPAs)

Title	Description	Deliverable	Working method
Miscellaneous improvement to AMC 20	<ul style="list-style-type: none"> • Recognition of Eurocae ED-12B / RTCA DO-178B (JAA NPA 20-14) • Incorporation of TGLs remaining in JAA Administrative and Guidance material section 1 (e.g. TGL relative to airworthiness and operational approval for on-board equipment related to RVSM; VHF 8.33 kHz) 	NPA for AMC	Agency Using associated JAA NPA and TGLs
Ageing Aircraft Structures	Omnibus Guidance Material in support of JAR-OPS 1 (NPA-OPS 28) and CS-25. Parallel “harmonised” activity with USA based Airworthiness Assurance Working Group	AMC	Agency Reduced consultation period based on JAA draft final rule for NPA 20-10 and CRD Interaction with JAA Operations
ETOPS/LROPS	The NPA package (to JAR-1, -21, -25, -E, -OPS 1 and GAI-20) covers revisions to current ETOPS (twin engines) and introduces LROPS (three and four engines). Development of RIA in coordination with JAA. (See also Part 21 and CS-25)	NPA for AMC	Group Using JAA NPAs together with explanatory notes and dissenting opinions. Interaction with JAA Operations.