Title	Panel Number	Disciplines: Areas of expertise	Chief Expert
PCM	Panel 0	- Project certification management	n/a
Flight and Human Factors	Panel 1	- Flight test (for all relevant CS Subparts) - Handling qualities - Performance - Human factors - Human machine interface and cockpit integration - Flight manual	Flight
OSD-FC	Panel 2	- Operational Suitability Data - Flight Crew	OSD
Structures	Panel 3	- Loads, weight and balance - Static Strength - Fatigue and damage tolerance - Materials & manufacturing - Aeroelasticity, vibration and buffeting - Crashworthiness - Decompression - Impact conditions	Airframe
Hydromechanical Systems	Panel 4	- Flight Control System (FCS) [ATA 270 on aeroplane / 670 on rotorcraft] - High lift system [ATA 275] - Hydraulics [ATA 290] - Landing gear systems and wheels, tyres & brakes [ATA 320] - Fuselage doors [ATA 520] - Helicopter hoist installation - RAM Air Turbins (RAT) mechanical systems	Avionics & electrical systems (FCS) Airframe (others)
Electrical Systems	Panel 5	- Electrical generation and distribution - Electromagnetic Compatability (EMC) - High Intensity Radiated Field (HIRF) and lightning indirect effects - Lightning direct effects - Electrical Wiring Interconnection System (EWIS) - Lights - In-Flight Entertainment (IFE) and power outlets (for passengers or crew) - Wireless transmission capabilities (for passengers or crew).	Avionics & electrical systems

Title	Panel Number	Disciplines: Areas of expertise	Chief Expert
Avionic Systems	Panel 6	- Autoflight systems Includes auto-pilot, auto-throttle, flight guidance, flight envelope, stability, etc. - Communications, navigation & surveillance Includes air data systems, datalink, transponder, radio, environment surveillance systems (TCAS, TAWS, Weather Radar …), etc. - Flight Management System (FMS) - Indicating, alerting & recording systems, diagnostic and maintenance systems Includes display systems, instrument and control panel, recorders, vibration/vehicle monitoring system, general computers, central warning systems, maintenance systems, etc. - Integrated Modular Avionics (IMA) Includes IMA resources, databuses - Cybersecurity	Avionics & electrical systems
Powerplant Installation and Fuel Systems	Panel 7	- Engine, propeller and APU installation - Fuel systems - Fuel tank inerting - Extended Diversion Time Operation (EDTO) / Extended Twin Engine Operations (ETOPS) - Fire protection (unpressurised areas) - Volcanic ash	Mechanical systems
Environmental Control Systems (ECS)	Panel 8	- Air conditioning and pressuration - Ice protection - Oxygen systems - Bleed air - Water and waste	Mechanical systems
Noise, Fuel Venting and Emissions	Panel 9	- Noise - Emissions & Fuel venting	Environment Department
Software, Airborne Eectronic Hardware (AEH), Development Assurance (DA)	Panel 10	- Development Assurance (DA), system/aircraft level - Software - Airborne Electronic Hardware (AEH)	Avionics & electrical systems

Title	Panel Number	Disciplines: Areas of expertise	Chief Expert
Cabin Safety	Panel 11	- Cabin Installation (including Emergency Medical Systems, VIP interiors, Crew Rest Compartments, Courier Compartments, etc.) - Flight Deck installation - Cargo compartments (installation & restraint) - Occupant crashworthiness/restraint - Fire Protection - pressurised areas (active and passive) - Occupant evacuation - Internal and external placards and markings. - Rotorcraft human external cargo restraint - Security aspects	Mechanical systems
Safety Assessment (SA)	Panel 12	- Safety Assessment	Mechanical systems
Transmission	Panel 13	- Rotorcraft transmission	Airframe
ICA	Panel 14	- Instructions for Continued Airworthiness - Maintenance Review Board (MRB) process	Airframe
OSD-MMEL	Panel 15	- Operational Suitability Data – Master Minimum Equipment List	OSD
OSD-SIM	Panel 16	- Operational Suitability Data - Simulator	OSD
OSD-CC	Panel 17	- Operational Suitability Data - Cabin Crew	OSD
OSD-MCS	Panel 18	- Operational Suitability Data - Maintenance Certifying Staff	OSD
Propulsion	Panel 19	- Engine certification - APU qualification - Propeller qualification - Electrical propulsion	Mechanical systems