

# RPAS SARP<sub>s</sub> DEVELOPMENT

A hand holding a drone with digital overlays. The background is a blue-toned image of a hand holding a drone. The drone is black and has four propellers. Overlaid on the drone and hand are various digital elements: a green glowing sphere, a globe, and several circular gauges with numbers like 72%, 54%, 98%, and 82%. The overall aesthetic is futuristic and technological.

**Annex 6, Part IV, Operations - Update**

**29 September 2021**



## ■ **Applicability**

- Operation of RPAS, by operators authorized to conduct international operations within non-segregated controlled airspace and at aerodromes
- International commercial air transport, international general aviation, and international commercial aerial work operations
- Assumes no people/passengers onboard

## ■ **Operations Categories Described**

- Open – Low risk
- Specific – Medium risk/regulated lower risk
- Certified – Manned aviation approach



## ■ Standalone Part to Annex 6

- Addressing international operation of RPAS and certification of RPAS Operator
- Not intended to address uncertificated UAS (Drones)
- Visual line-of-sight referenced but only for take-off/landing

## ■ Source material

- ICAO Manual on Remotely Piloted Aircraft (RPAS) (Doc 10019)
- ICAO Remotely Piloted Aircraft System (RPAS) Concept of Operations (CONOPS) for International IFR Operations
- Annex 6 - Parts I, II, and III



- **Follows same flow and format as Annex 6 - Part I**
  - Assists with cross referencing of standards
  - Varies only when needed
  - Addresses both aeroplanes and helicopters – except where specifically required
- **As with other parts to Annex 6, several Appendices and Attachments are provided for additional guidance**



- **Safety Management**
  - RPAS Operator as well as safety-critical service providers (C2 Link, Remote Pilot Station)
- **C2 Link (performance, establishment, assurance)**
- **Lost C2 Link (operational requirements)**
- **RPAS Operator Certificate (ROC)**
  - Certification/supervision, operator requirements, ROC format/content
- **Remote Flight Crew**
  - composition/duties/training/handovers



- **Several rounds of coordination have been completed**
  - Several ICAO Panels, Expert Groups and Secretariat staff
- **Next Steps**
  - RPASP Panel approval (WGWHL – Oct 2021)
  - Enter the ICAO Preliminary Review Process (Q1 2022)
  - Released for States comments via State Letter (Q2/Q3 2022)
  - Adoption (Q1 2024) - Effective Date (Q3 2024) - Applicability (Q4 2026)



ICAO

SAFETY

# Questions/Discussion

Annex 6 Part IV

