

Terms of Reference

Asia/Pacific Unmanned Aircraft Systems Task Force (APUAS/TF)

Objectives: the objective of the APUAS/TF will be to develop guidance material that supports an Asia/Pacific Seamless ATM Plan element: B1-UAS. This element is expected to incorporate Aviation System Block Upgrade (ASBU) BI-RPAS (Remotely Piloted Aircraft Systems) but in addition, to include regional expectations for the regulation and safe operation of UAS (other than RPAS that fall within the scope of the ICAO RPAS Panel¹) within non-segregated airspace from an ATM perspective by November 2019, for consideration by the ATM/SG and APANPIRG. The guidance material for small UAS (generally 25kg or less) may include, *inter alia*:

- ~~reference to systems designed to ensure a commensurate safety against obstacles, protected airspace, aircraft and non-involved people;~~
- ~~communication and surveillance systems for Air Traffic Services (ATS) that allow the effective management of safety risks in controlled and uncontrolled airspace; and~~
- guidance on elements to be considered for inclusion in model regulations that manage the manufacturing, sale and for the:
 - operation of UAS; and
 - technical or performance requirements of UAS; and that
 - may be applied at the point of manufacture or sale of UAS;
- ~~education processes to provide educate all UAS users operators or potential users operators, regulators and air navigation service providers and other stakeholders with information on appropriate UAS operations regulations and their application;~~
- ~~recommended methods of safety data collection and analysis for UAS incidents;~~
- recommended methods of safety data collection and analysis for UAS accidents and incidents, developed in coordination with the Asia/Pacific Regional Aviation Safety Group (RASG-APAC);
- integration alignment of regulations for small UAS with existing regulations for model aircraft;

¹ The ICAO RPAS Panel is developing Standards and Recommended Practices for RPAS that generally operate within the National Airspace Systems in the same way as manned aircraft, for inclusion in Annexes to the Convention on International Civil Aviation.

(Approved by APANPIRG/XX, XXXXXX, 20XX)

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- Consideration of regulations relating to ~~small~~ UAS operation both within and beyond visual line of sight;
- Safety assessments for ~~small~~ UAS operations; and
- Coordination with the UAS-AG, ~~and~~ JARUS, or other appropriate specialist ~~body~~ **bodies**.

To facilitate global harmonization the regulatory guidance developed by APUAS/TF should be shared with similar bodies in other ICAO Regions, and with UAS-AG through the ICAO Secretariat.

The APUAS/TF should report its progress with an interim update at the ~~ATM/SG/5 (2017)~~ and ATM/SG/6 (2018) **and ATM/SG/7 (2019)**.

Meetings: the APUAS/TF will normally meet at least once a year, but twice a year when agreed by the APUAS/TF if required.

Membership:

The APUAS/TF membership will be formed by Asia/Pacific States/Administrations and International Organizations. Other non-Asia/Pacific States, and organizations involved in UAS manufacturing, regulation and operations may join the APUAS/TF at the invitation of the ICAO Regional Office.

Reporting: the APUAS/TF reports to the ATM/SG. The ATM/SG will coordinate with the RASMAG, CNS/SG, and the APRAST/RASG as appropriate before consideration by APANPIRG.

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(Approved by APANPIRG/XX, XXXXXX, 20XX)