



ECA
Piloting Safety

Terms of Reference

ECA Unmanned Aircraft Systems Plus (UAS+)

Working Group

1. The ECA Unmanned Aircraft Systems Plus (UAS+) Working Group was established by the Executive Board (EB) at the 252nd Board Meeting, on 22nd February 2015.
2. The aims of the ECA UAS+ WG are to:
 - a. To ensure the highest levels of safety in respect of UAS both in their interaction with manned aircraft and in their own right
 - b. To assist the Board (or any other mandated ECA body) in anticipating and following the effects on the piloting profession of UAS and related developments, and to assist in positioning the profession in respect of UAS to further its best interests
 - c. To contribute to the development of UAS and related issues in Europe and where appropriate globally
 - d. To monitor, assess and promote the exchange of information between Member Associations regarding developments in UAS in Europe and individual States
 - e. To develop, maintain and promote a coordinated position on all aspects of RPAS amongst and from ECA and MAs.
3. The tasks of the Working Group are to:
 - a. Monitor developments in the field of UAS at European and international level
 - b. Support and extend ECA's work on Unmanned Aircraft Systems.
 - c. Assess potential flight safety aspects and to further develop ECA's position on these issues, including certification, licensing and operational aspects.
 - d. Ensure that by establishing a common ECA position and getting it accepted at European level a contribution is made to (further) enhance flight safety and ensure safe integration of UAS into the European airspace.
 - e. Get actively involved in the relevant work in the field as necessary as well as providing expert advice and flight crew concerns to the relevant stakeholders with regard to all issues mentioned under "c."
 - f. Propose and support the implementation of related ECA actions when necessary.
 - g. Regarding UAS:
 - i. Collect information / identify best practices
Identification of specific issues related to UAS operations and implementation thereof.
 - ii. Contribute to the drafting of a common ECA position on the various aspects involved.
 - iii. Promotion of ECA's position.
 - iv. Analyse and shape legislation/regulation in the field of Unmanned Aircraft Systems at EU level, including certification of personnel, certification/airworthiness of hardware/software and operational requirements surrounding integration of UAS into commercial operations.

- h. Where necessary, provide input to IFALPA's work and position via the ECA Executive Board.
- i. Coordinate as required with other WGs on overlapping issues.
- j. Provide reports on attended meetings (according to established ECA reporting guidelines).

With regard to the potential effects that a wider use of UAS may have on the pilot profession, the RPAS working group may be required to assist the Board in establishing long-term strategy and positions on these topics. In this regard, the RPAS WG may be required to:

- a. Monitor potential effects on the pilot profession of UAS development and to consider how to ensure the profession is advanced rather than disadvantaged by them.
 - b. Consider, with the wider pilot community, how the independent safety professional role traditionally played by pilots can be an integral part of the UAS world, and integrated with the existing pilot profession
 - c. Gather information and consider what training and education would be helpful to help pilots and their associations as UAS developments become of greater importance to the profession.
4. Membership: open to RPAS experts from all ECA Member Associations (active participation is required).
 5. The EB assigned the following EB Director(s) to the UAS+ WG:
 - Otjan de Bruijn from January 2019
 6. The EB assigned the following Staff Members to the UAS+ WG:
 - Paulina Marcickiewicz from October 2014, and Loic Michel (UTM/U-Space) from January 2018
 7. The EB appointed the following person as Chairman of the UAS WG:
 - Jeffry Aenmey from February 2017
 8. Convening of meetings: as deemed necessary by the Chairman and Executive Board Directors.
 9. The Working Group will be subject to review by the ECA Executive Board at the April 2021 EB meeting.

Update of ToRs: 24 April 2020