



EASA
European Aviation Safety Agency

Workshop with Drones Industry

Overview of Geo-limitation Task Force (GTF) activities

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Motivation

- Unmanned aircraft in the civil domain have been proliferating in recent years, in particular the small segment (sUA → MTOM < 25 Kg)
- Most MS have already regulations in place allowing their operation (“light” requirements for sUA) for professional activities (e.g.. specialized operations) ...
- ... but the “drone” proliferation is even larger on the “recreational market” ...

AviationDaily

The Business Daily of the Scheduled Airline Industry Since 1939

FAA Nightmare: A Million Christmas Drones

Aaron Karp | Aviation Daily

Sep 28, 2015





Motivation

- ... and this proliferation is growing parallel to a high rate of airprox occurrence reports, which is causing social alarm ...



NUMÉRO DE DOSSIER

BEA2016-0098

Incident grave, Vers AD Paris Charles de Gaulle, le 19 février 2016, AIRBUS - A320, F-GKXT



Drones in four near-misses at major UK airports, air investigators reveal

Drone-Plane Safety Incidents Seen Quadrupling, U.S. FAA Says

Europe faces up to flight safety threat posed by drones

Pilot Reports of Close Calls With Drones Soar in 2015

Drone Knocks Woman Unconscious at Seattle Pride Parade



Geo-Limitation Task Force (GTF)

➤ Objective and Scope

- The TO already planned to address **geographical limitation** (“**geofencing**”) but the fast increase of occurrences reporting triggered the decision of the Agency’s ED to launch a **Task Force** on this subject to tackle it more swiftly.
- The main objective is to produce a **set of recommendations on geo-limitation and related aspects** (e.g. drone performance limitations, data sources, related standards, identification...) and the **way forward** for their implementation.



Geo-Limitation Task Force (GTF)

➤ Objective and Scope

- The focus is on **unmanned aircraft** in the “**Open**” category and on the risk of **conflict with other airspace users**, in particular, **commercial air transportation (CAT)**
- Thus, the focus of the TF on **geo-limited or “no-fly drone” areas** is on **aerodromes**.
- The TF focuses on the **unintentional breach** of limits.
- Aspects like **security, privacy, ..** are **not addressed** by this TF (although some recommendations might also be applicable to these aspects)



Geo-Limitation Task Force (GTF)

➤ **Members and Stakeholders**

- This Task Force is formed by:
 - Chair: EASA
 - Representatives of MS (CAAs): Finland, France and UK
- The TF has launched a questionnaire to stake holders drones Industry, MS, User organisations and held a meeting with main manufacturers (in this category) on June 9th,.



Geo-Limitation Task Force (GTF)

► Task Force Report

- The Task Force will produce a report including the recommendations based on the assessment of
 - Current understanding of risk of collision with manned aircraft
 - Survey of national measures, state-of-the-art solutions and trends.
 - Regulatory approaches and standardization options.
- An important element is the feedback from main stakeholders, i.e. answers to the questionnaire and outcome of meetings.
- The report is planned to be completed by July 2016.



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Thank you for your attention!

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