



Fédération Aéronautique Internationale

106th FAI Annual General Conference

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Agenda # 23.2 – Airspace and Navigation

Navigation systems
Lars Holmström (SWE)
President CANS
Expert Group/Navigation

- GPS Sat Nav over almost 20 years
- More Sat Nav systems in the future
- Digital display (Glass cockpit) becoming standard in most new GA Aircraft


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- Moving Map display simplifies navigation
- High terrain warning
- Sat Nav + datalink (ADS-B) offers many new services:
 - Situation Awareness
 - Flight Information Service
 - Traffic Information Service
 - Weather Information


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Agenda # 1 – Title of the Agenda Item (Arial 13)

How can FAI influence the introduction of new technology?


Some items of urgent topical interest:

Mandatory Mode S in some areas

8.33 kHz VHF channel separation


ADS-B dual systems

- * Separate systems for higher altitudes and for lower altitudes (1090 ES and UAT)
- * High costs for GA (a low cost maritime system AIS is in global use)


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- * Low cost systems for gliders, etc. (Flarm/Power Flarm)
- * Modernize the radio communication system (we currently use a 50-year-old system with simplex and AM modulation)
- * IT technology offers many apps that can be used on iPad


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User requirements for new equipment

1. Improve flight safety and ensure access to airspace
2. Simple to operate and supplies the required innovative functions enabled by the latest technology
3. Low price – to benefit the entire GA community



Thank you for your attention

Questions?

Lars Holmström
lars@rex.nu

