



# ECA

European Cockpit Association

## The currently available options

EASA Workshop: Weather information provided to pilots

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ECA, 10 / 2015

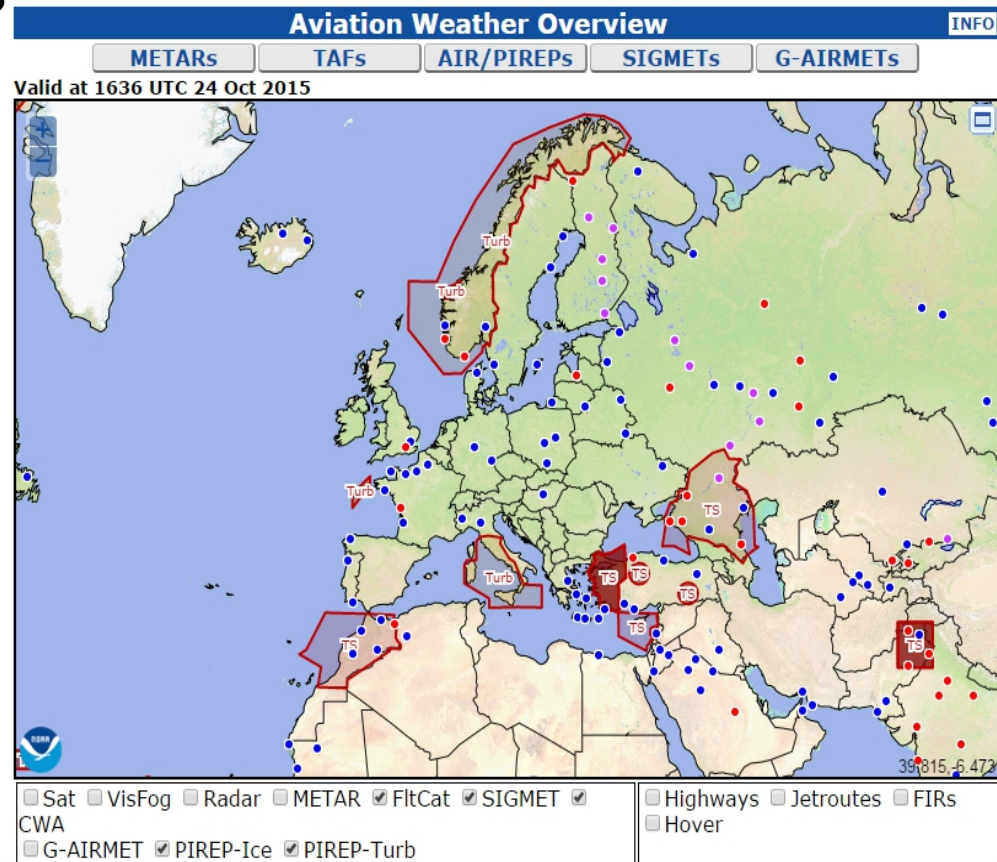


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What technology is already available ?  
How much is it mature ?  
What are the safety risks ?

Plotting of sigmets  
on weather charts:  
  
already a standard.





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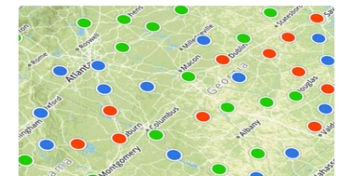
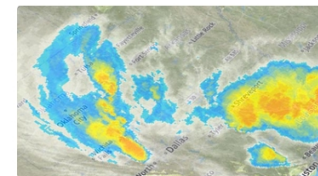
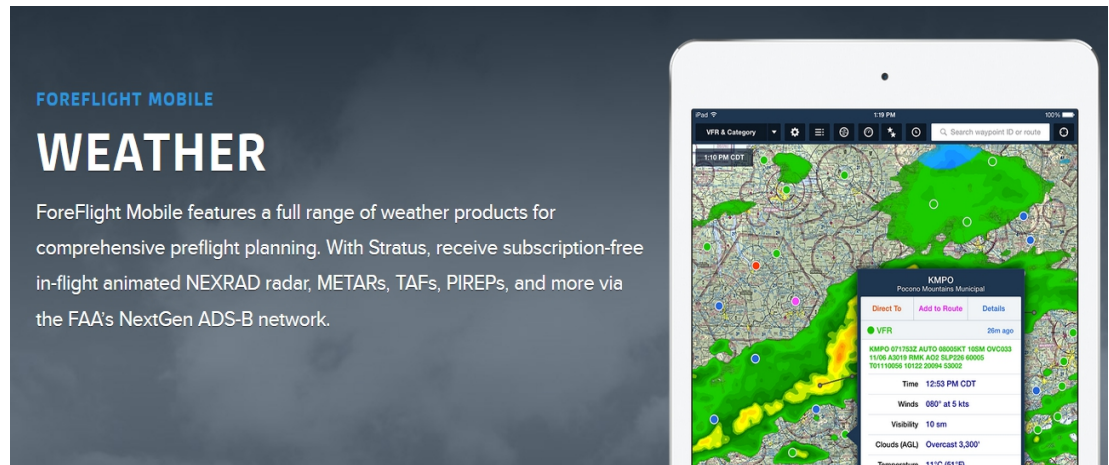
What technology is already available ?

How much is it mature ?

What are the safety risks ?

On ground,  
colourful weather  
on paper and  
“weather on glass”  
is available from  
commercial vendors  
and Met Agencies.

Mature – but not  
used in airline ops.



An example ....not a product endorsement.



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What technology is already available ?  
How much is it mature ?  
What are the safety risks ?

In flight, connectivity  
via VHF works over  
the USA – but airlines  
don't have this  
mature technology.







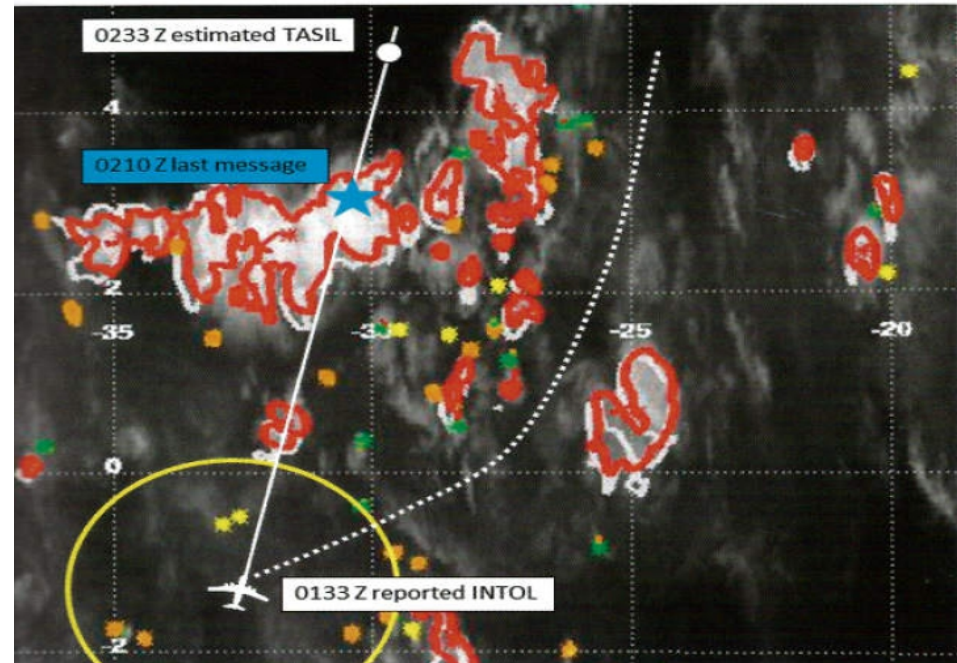
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What technology is already available ?  
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Sat-Connectivity is a  
given for passenger  
internet, 20 \$ / flight...  
but not for cockpit.

Maturing -  
risk lies in non-use !!



**FDM analysis and safety  
management at operator level  
does not help the pilots:  
Only real-time satellite information does !**



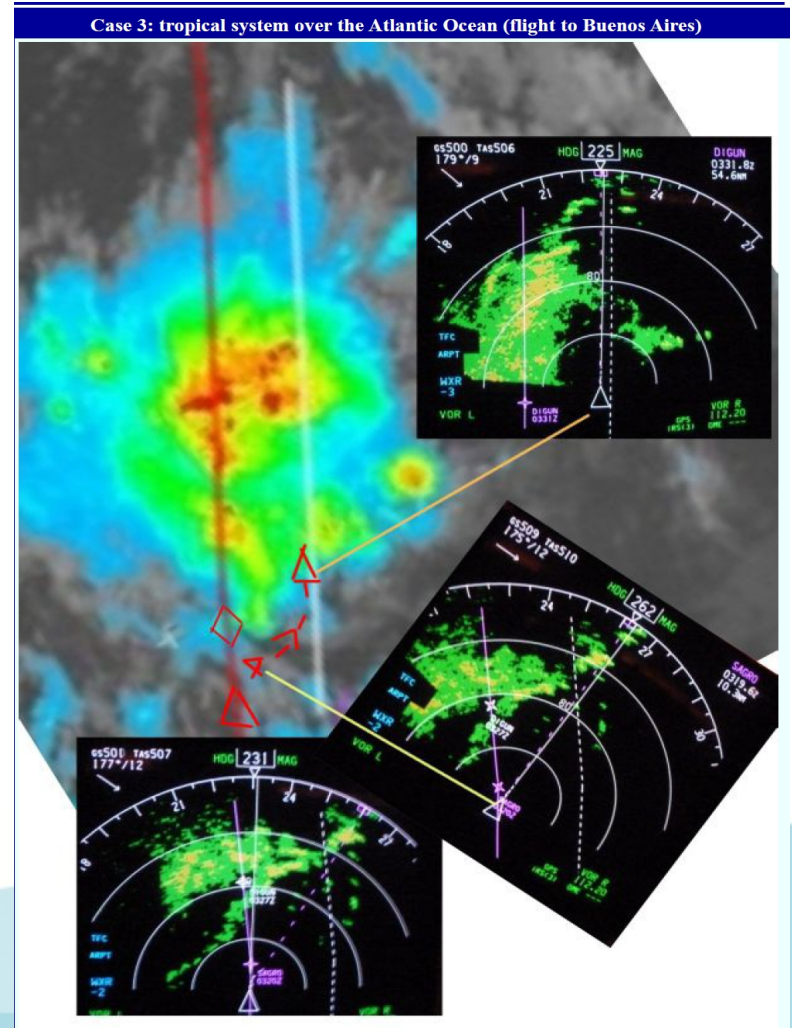
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Are there consensual conclusions ?

Is there a need to further work on this subject for a common view ?

How can the Agency help ?

**Pilots' consensus:**

**We need colour in meteorology.**

**We need weather that's made for the task.**

**We need uninterrupted connectivity.**