



EASA
European Aviation Safety Agency

Weather Information provided to Pilots

EASA workshop - Cologne, 28-29/10/2015

Welcome

Chabbi Chaouki,
Deputy Head of Air Crew & Medical Department, EASA

Your safety is our mission.

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European Aviation Safety Agency

**Thank you for being
here with us today.**

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Quick review of Agenda, Day 1

DAY 1, 28/10/2015

TIME	HOURS	TITLE, SPEAKER
12:30 H – 13:00 H	0:30	CHECK-IN
13:00 H – 13:30 H	0:30	Welcome and Introduction Chaouki Chabbi, EASA
13:30 H – 14:45 H	1:15	The weather information need for safe operations Moderator: Rachel Daeschler , EASA Deputy Director, Strategy & Safety Management Speakers and discussion: 1.1 Klaus Sievers, ECA; 10' 1.2 ? Eldridge Frazier, FAA; 10' 1.3 Dennis Hart, Eurocontrol; 10' 1.4 Manuel Gucemas/ Cedric D'Silva, Thales; 10', 1.5 Simon Innocent / Alois Sanktjohanser, Honeywell; 10' 1.6 ? Dragos Munteanu, IATA, 10' • Work and discussion; at least 30'
14:45 H – 15:15 H		COFFEE BREAK
15:15 H – 17:00 H	1:45	The current deficiencies Moderator: Vincenzo Pennetta , EASA Flight Test Engineer - Fixed Wings Speakers and discussion: 2.1 Klaus Sievers, ECA; 10' 2.2 Simon Innocent / Alois Sanktjohanser, Honeywell; 10' 2.3 Ryan Fulton, Rockwell Collins; 10' 2.4 Manuel Gucemas/ Cedric D'Silva, Thales; 10' • Work and discussion; at least 30'
17:00 H		End of Day 1



Quick review of Agenda, Day 2 ...

DAY 2, 29/10/2015

TIME	HOURS	TITLE, SPEAKER
09:00 H – 09:30 H	0:30	Wrap-up of day 1 Chaouki Chabbi, EASA
09:30 H – 11:00 H	1:30	The currently available options Moderator: Kevin Hallworth , EASA Avionics Systems Expert Speakers and discussion: <div><div>3.1 Klaus Sievers, ECA; 10'</div><div>3.2 Daniel Wolf, Lufthansa; 10'</div><div>3.3 Björn Beckmann, DWD; 10'</div><div>3.4 ? Eldridge Frazier, FAA; 10'</div><div>3.5 Torsten Domrös, Jeppensen/Boeing; 10'</div><div>3.6 Ryan Fulton, Rockwell Collins; 10'</div><div>3.7 Simon Innocent / Alois Sanktjohanser, Honeywell; 10'</div><div>3.8 Manuel Gucemas/Cedric D'Silva, Thales; 10'</div><div>3.9 Robert Grove, Garmin; 10'</div></div>
11:00 H – 11:15 H		COFFEE BREAK
11:15 H – 12:30 H	1:15	The currently available options Session continued Work and discussion; at least 30'
12:30 H – 13:30 H		LUNCH BREAK



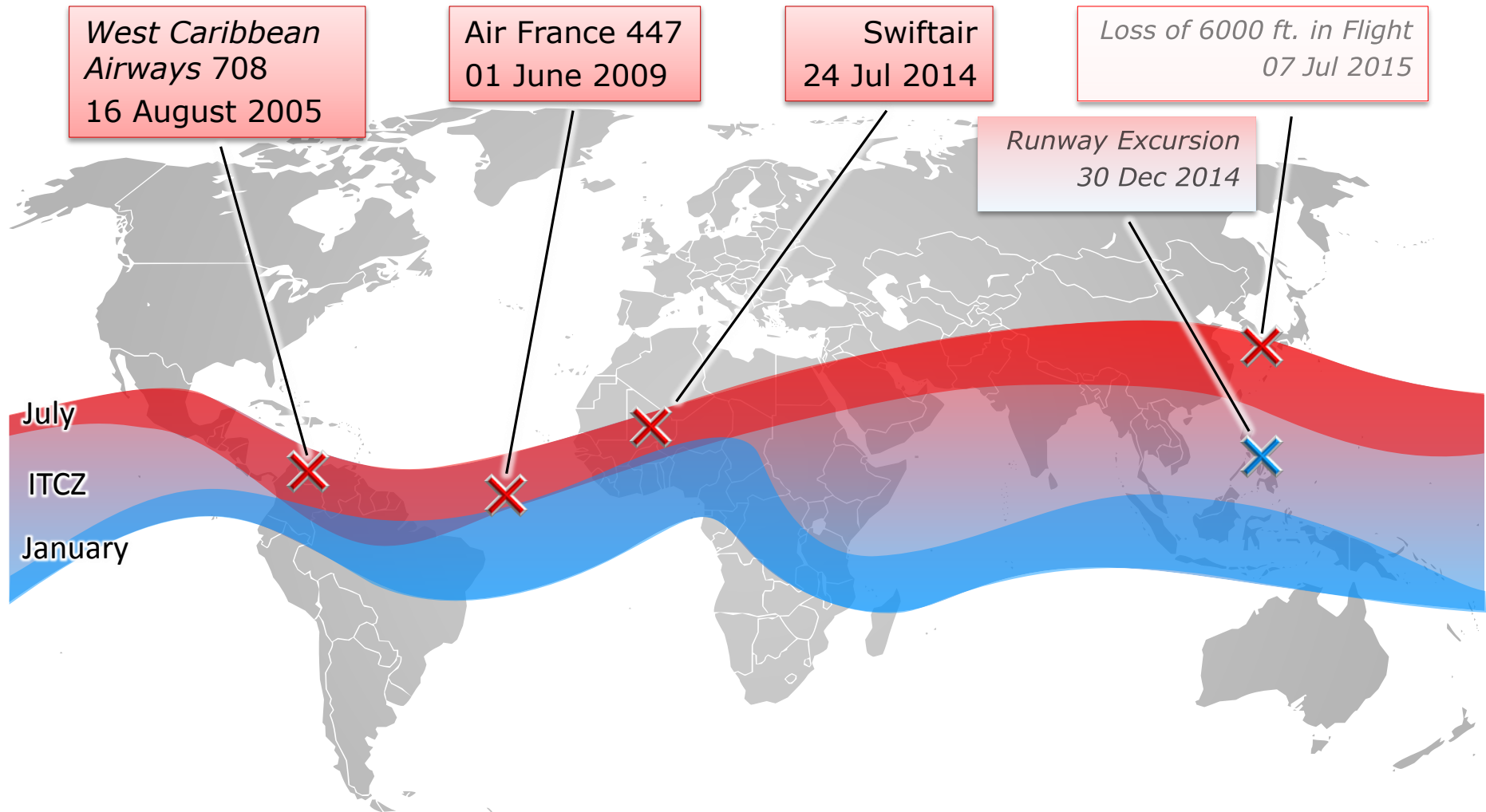
Quick review of Agenda, Day 2

DAY 2, 29/10/2015

TIME	HOURS	TITLE, SPEAKER
12:30 H – 13:30 H		LUNCH BREAK
13:30 H – 14:30 H	1:00	Potential challenges Moderator: Willy Sigl , EASA Air Operations Regulations Officer Speakers and discussion: <div><div>4.1 Klaus Sievers, ECA; 10'</div><div>4.3 ? Rosalind Lapsley, EUMETNET; 10'</div><div>4.4 ? Dr. Marianne König, (former) EUMETSAT; 10'</div><div>4.5 Jean-Marc Gaubert, ATMOSPHERE; 10'</div><div>4.6 ? Dr. Thomas Gerz, Dr. Arnold Tafferner, DLR; 10'</div><div>4.7 Manuel Gucemas/ Cedric D'Silva, Thales; 10'</div><div>4.8 ? Ken Engelstad, EASA; 10'</div><div>4.9 Klaus Sievers, Sat. Data, 10'</div></div>
14:30 H – 14:45 H		COFFEE BREAK
14:45 H – 15:30 H	0:45	Potential challenges Session continued Work and discussion; at least 30'
15:30 H – 16:00 H	0:30	Wrap-up, conclusions Chaouki Chabbi, EASA
16:00 H		End of workshop



The starting point





The initial understanding

The workshop paper

Initial attempt to assess the potential for aviation safety benefits that could result from providing enhanced on board weather information to pilots



European Aviation Safety Agency

Context paper		Date: 14 July 2015
Weather information provided to pilots		
Workshop:	"Weather Information for Operators and Flight Crews"	28-29 Oct 2015

Quick review of available technology and research as seen by the Agency

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Objectives of the workshop

Gather additional information and reach a better understanding of:

- All aspects of weather information potentially affecting aviation safety
- The current deficiencies in the system
- The current available solutions
- The potential challenges
- The possible actions that the Agency may consider taking to improve safety and efficiency.



Your support is needed

In this workshop, we would like to:

- Allocate sufficient time for discussions
- Reach a common understanding
- Focus on practical solutions
- Focus on actions that Agency may consider





What are we talking about?

Image taken on 5 February 2008 while the International Space Station (ISS) was located over Western Africa near the Senegal-Mali border



Credit:

Astronaut photograph ISS016-E-27426 was acquired on February 5, 2008 and is provided by the ISS Crew Earth Observations experiment. The images were taken by the Expedition 16 crew, and are provided by the Image Science & Analysis Laboratory, Johnson Space Center.



What are we talking about?

Credit:

Astronaut photograph ISS040-E-90343. The image was taken by the Expedition 40 crew.

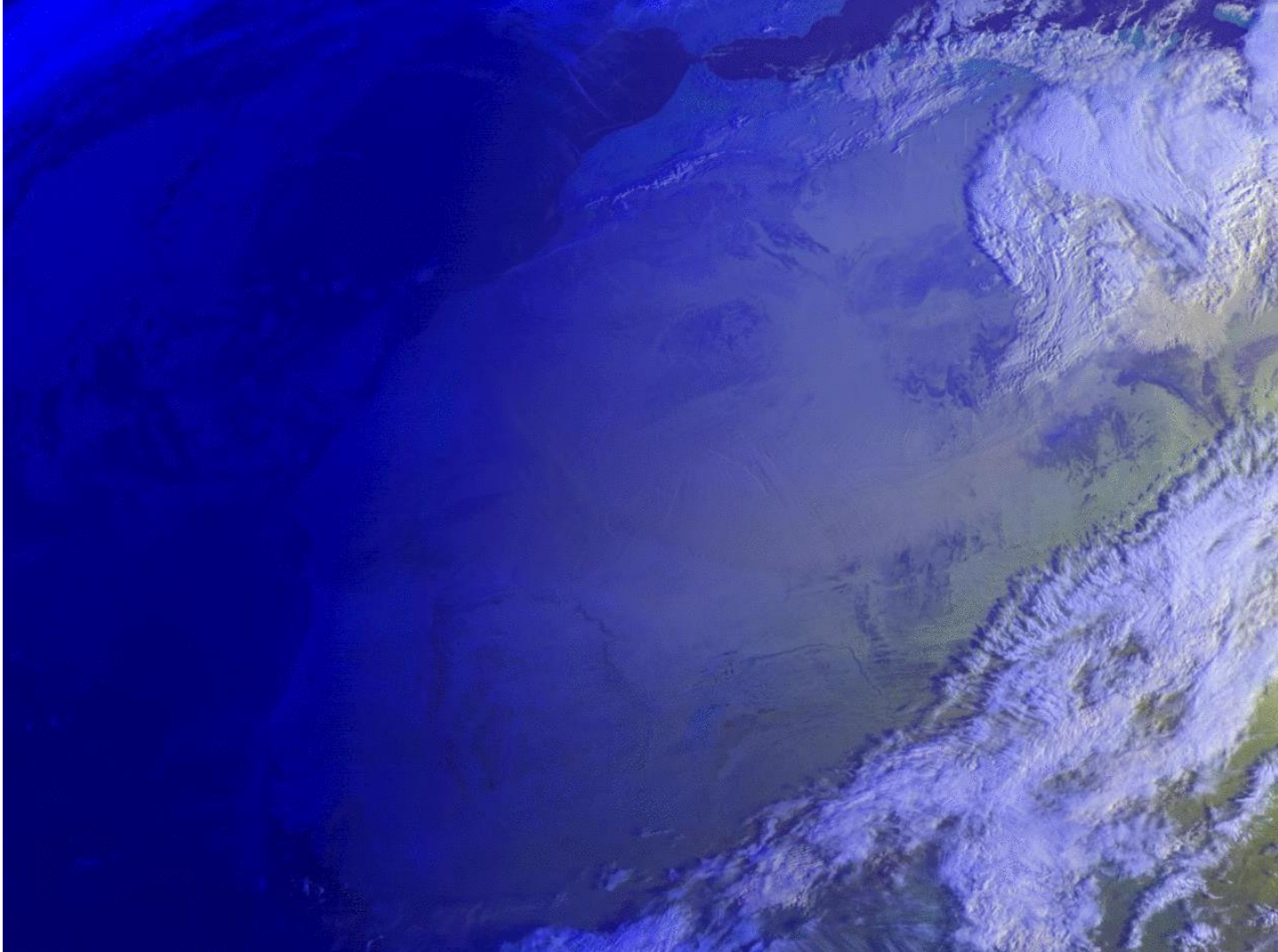


In early September 2014, this photograph was taken by astronaut Alex Gerst on 08 September 2014 from the International Space Station.

The ISS was over Libya at the time, and Gerst was looking south-southwest over a storm that stretched hundreds of kilometers across the sand seas of the Sahara.

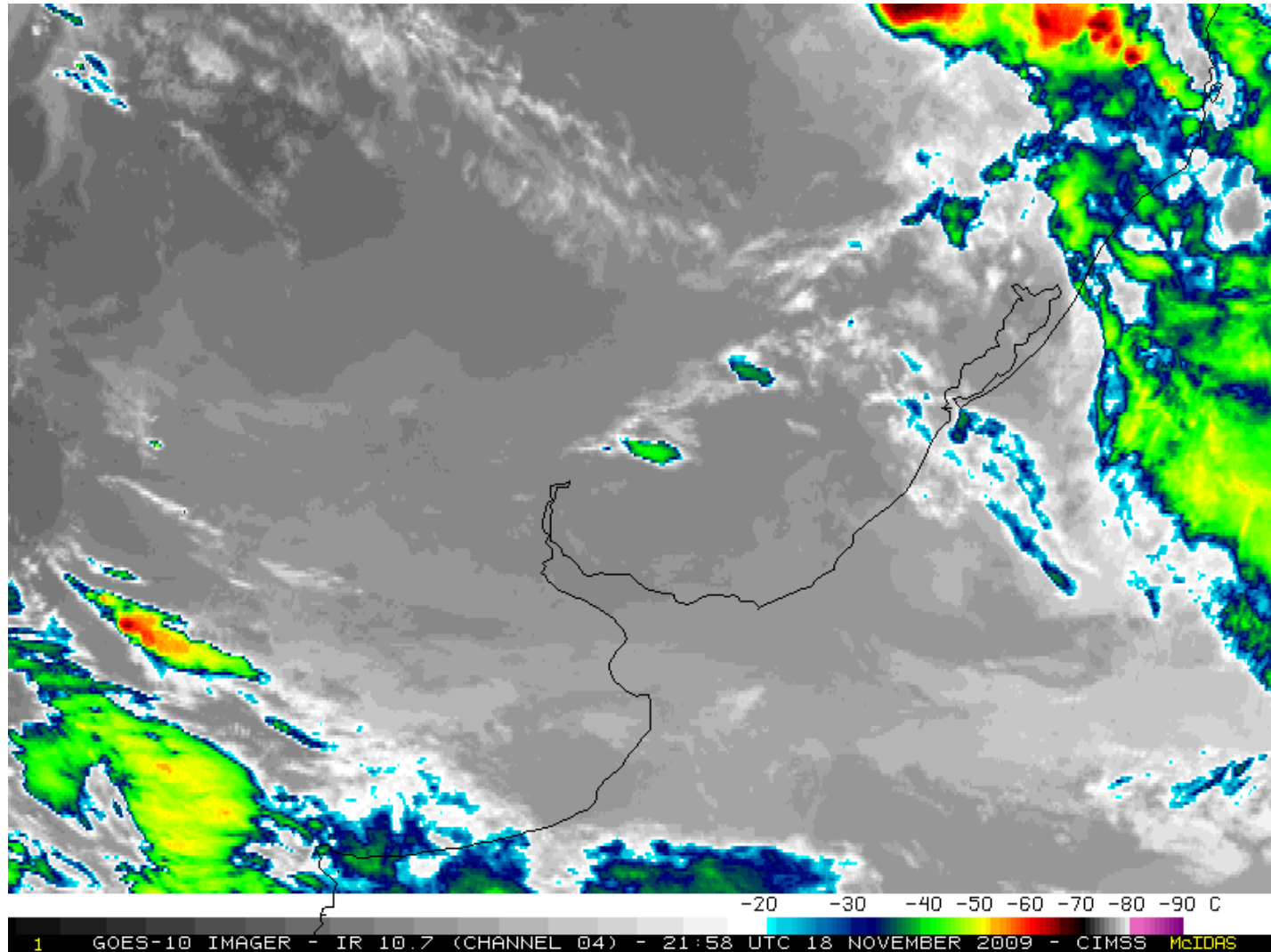


What are we talking about?





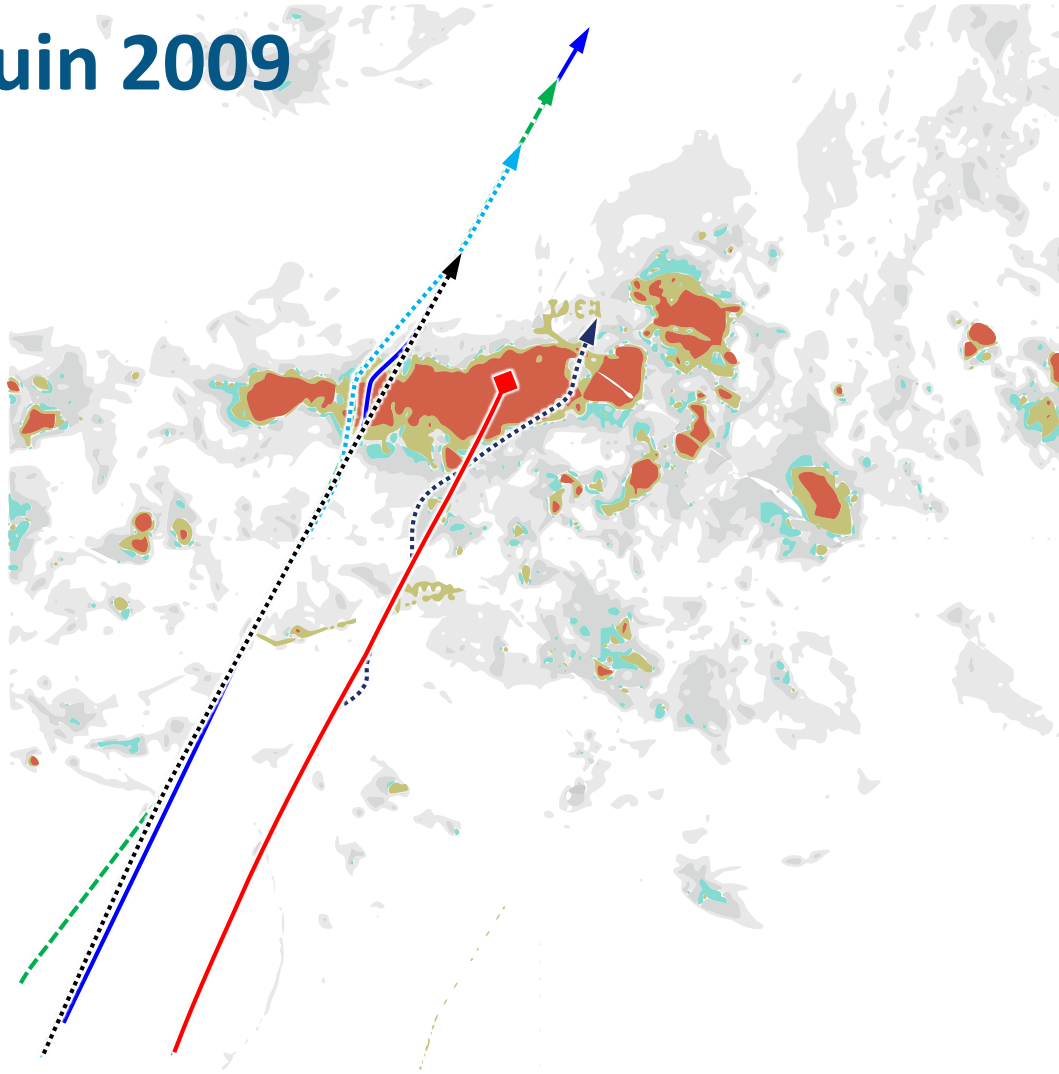
What are we talking about?





What are we talking about?

1^{er} juin 2009



AF459 - A330-200

AF415 - B777

AF401 - B777

KLM792 - B777

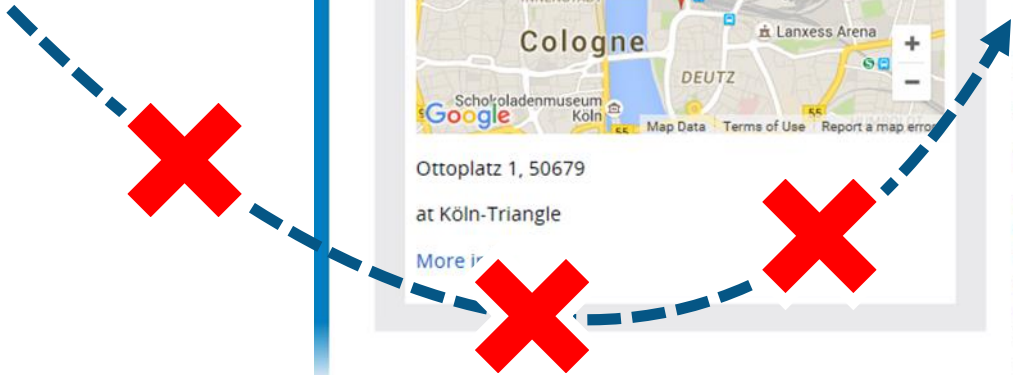
ELY010 - B777

AF447 - A330-200



Reminder: documents on WEB

Please let us know **if you do not want** your documents to be uploaded in our webpage




28 OCT 2015 to 29 OCT 2015

Workshop "Weather information provided to pilots"


Organised by: EASA | Event Type: Workshop

Location:



Ottoplatz 1, 50679
at Köln-Triangle
[More info](#)

Downloads

 Workshop "Weather information provided to pilots" - Draft agenda

Location

EASA-room 04/049

Description

Weather hazards have always been a challenge to aviators. In particular recent incidents and accidents where prevailing weather conditions are considered a contributing factor in the causal chain raised concerns and corresponding safety recommendations have been



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