



# Weather for Private Pilots License holders

Lecture Theatre 207, Skempton Building, South Kensington Campus,  
Imperial College London SW7 2AZ

**Saturday 16 April 2016, 10.30am**

The meeting will offer a mixture of informal talks and practical exercises with a focus on improving safety for General Aviation, particularly for advanced PPL (private pilot's licence) students and holders. General Aviation Safety Council (GASCo) Safety Evenings are designed to examine the six areas of greatest concern to General Aviation in the UK - the GA Safety Six. Of the safety six, two are significantly affected by weather: Controlled flight into terrain (CFIT) is often associated with cloud, and loss of control is often associated with unexpected changes in wind. Therefore this meeting will focus on two topics: visibility/cloud and wind/turbulence.

This will be a fairly informal meeting, with many interjections by "students" during the more formal talks. There will be considerable emphasis on practical exercises using information available on the web and other sources. All participants are required to bring a lap top or equivalent device and will be familiar with TAFs and METARs. During the practical exercises the tutors will act as facilitators for discussion on how best to use the available data to expedite decision making. The meeting will also address conditions in the near continent (particularly France) and more mountainous parts of the UK (Wales, Scotland) including how they cause problems for GA pilots.

A certificate will be issued to those successfully completing the course.

The delegate rate is inclusive of all meeting costs, refreshments and lunch. This is a joint meeting between the Royal Meteorological Society's Aviation Meteorology Special Interest Group and GASCo.

Meeting Chair: Dr Jacob Kolleger, RMetS Aviation Special Interest Group

10.30	Welcome, registration and coffee	
10.45	GASCo introduction: weather and safety	Mike O'Donohue GASCo
11.00	Wind/turbulence: basic theory, sources of data, decision making.	Bob Lunnon/James Morrison
12.00	Practical exercise diagnosing wind conditions from real time data	Tutors
13.00	Lunch	
14.00	Visibility/cloud: basic theory, sources of data, decision making	Rebekah Sherwin Met Office
15.00	Practical exercise diagnosing visibility/cloud from real time data	Tutors
16.00	Open discussion identifying key issues for PPL community	All
17.00	Meeting close	

**REGISTRATION IS REQUIRED - see [www.rmets.org/events](http://www.rmets.org/events)**

#RMetSMeet

The delegate rate of £40.00 for RMetS Members or £75.00 for Non- Members is inclusive of all meeting costs, refreshments and lunch. Places are limited, so please register early to avoid disappointment.