

Summary of the Special Interest Group in Aviation Meteorology (SIGAM) meet, May 30, 2012.

The meet was attended by 6 members and dealt primarily with internal matters of the SIG itself. We began with a summary of activities of 2011, our inaugural year, including our first meet, newsletter inauguration.

Paul Hardaker came in for a brief visit and discuss the RMetS role in Aviation, particularly in the UK flight safety committee and General Aviation safety council. The RMetS representatives are all members of the SIG. Initiatives like providing new educational material for private pilots in the area of meteorology were discussed, along with RmetS' role in those committees

SIGAM internal issues, particularly with regards to sub-groups, came next. In order for the SIGAM to effectively discuss matters of aviation meteorology on in-flight and ground operations, sub-groups of expertise within the SIGAM had to be defined. Considering the expertise levels of SIGAM members, 12 subgroups were formed. However, it became clear that, for the SIGAM, consisting of 20 members, 12 sub groups are too many in order to be effective; some overlap is advisable and favourable. We therefore went through each sub-group and joined those with similar issues, themes, and members. For instance, it was determined that 4 history sub-groups could be used into one history group. Sub-group leaders, who will coordinate the activities of the sub-groups, have yet to be determined, and perhaps the election of sub-group leaders may further fuse certain sub-groups.

The goal of the SIGAM regarding sub-groups is to have the sub-groups organize meets and dates, under the umbrella of the general SIGAM.

Contact with the American Meteorological Society's committee on aviation, range and aerospace meteorology was discussed, including participating in the January 2013 meet in New Orleans. It was decided that, as a SIG, the financial means to go in person is not present, but that individual members, should they be able to go, should. Call for papers for the meet was also announced. We came to the conclusion that contact with the Americans should continue, even enhanced, but that we are not big and financially strong enough to visit America.



*Fig. 1: Members of the SIGAM who attended the May 30, 2012 meet. From left to right:
Bottom row,,: Jacob Kollegger, Robert Lunnon, James Morrison, George Anderson .*

Top row: Michael de Villiers, John Greetham, John Gunn

ROYAL METEOROLOGICAL SOCIETY

SPECIAL INTEREST GROUP ON AVIATION METEOROLOGY

Date and time: Wednesday 30th May 2012 09:30 BST.
Venue: Royal Meteorological Society headquarters, Oxford Road, Reading,
United Kingdom.

Present:
Jacob Kollegger, Michael de Villiers, James Morrison, George Anderson, John Greetham,
Bob Lunnon, John Gunn

Apologies:
David-John Gibbs, Jim Squires, Maurice Crewe, Anthony Bowles, Geoff Sutton.

Approval of the agenda
No objections by the attendees

Additions to the agenda
Nil.

1 Approval of the minutes of the previous meeting

The minutes of the meeting held on April 28, 2011 were approved as a correct record of the proceedings and as posted on the SIG section of the Society website.

2 Matters arising from the previous minutes

None addressed

3 Condolences

Condolences were expressed for a deceased member, Willy Bombeeck. Jake did contact friends of the next of kin, but no acknowledgement has been received.

4 Items of business

Jake opened the meeting by giving a summary of the aims and objectives of the group, as well as a summary during the preceding 12 months and outlined the days programme.

Since the previous meeting there was a proposal by Jake for the formation and organisation of sub-groups and planning of future meetings for them. This covered in detail below.

Clarification was made with respect to the requirements for the chair, secretary, etc. In the interim Chair will be Jacob Kollegger and Secretary will be Bob Lunnon. By-laws state the responsibilities of the two posts.

5 Paul Hardaker

Paul Hardaker made a brief visit and discussed connections with other aviation groups. This is in two parts. One is UK flight safety committee for commercial aviation. RMS is an observer. We get an annual report from the member observer. GASCO: general aviation safety committee, where RMS has active participation and receives an annual report. The RMS feeling is that meteorology is not taught at a sufficient level at PPL training. Suggested the RMS/SIGAM have closer links with these two groups. Also initiatives to improve meteorology training for private pilots, which is very basic at present.

6 Meetings

Bob expanded on meetings on Wednesdays, weekend meetings, venue meeting and joint meetings with other groups. He suggested Saturday SIG meetings on a topic of our choice. This can be theoretical, practical, etc., which can be organised by any member. Suggested members of the group attended general aviation meetings to determine important topics to be pursued by the SIG group.

Bob is currently involved in organizing a meet on CAT at the end of 2013. The topic is on the theory of turbulence and the practical aspects of CAT. Flight Ops theory general sub-group (see below) is the sub-group of interest on this topic.

7 Discussion of sub-groups

Bob made a list of the interests of members of the groups and distributed them among the different groups and sub divisions

Ground theory training: George Anderson, Andrew Moys, Geoff Sutton, Ian Witter, Matt Woods, Michael de Villiers, Aidan McGivern, John Gunn

Topics required.

Sub group leader needed, meeting possibilities, organisers.

Suggestion that flight ground operations and theory training be combined?

Ground theory history: Maurice Crewe, Richard Griffith, Jim Squires.

Topics required. Case histories in particular. EG Pre-Christmas winter storm 2010.

Suggestion that all history sub-groups be merged into one. For example, practical and air (flight operations) theory history.

Also meetings with other groups, such as the history group meet in Farnborough later this year.

Sub group leader needed, meeting possibilities, organisers.

Ground theory general: George Anderson, Andrew Moys, Geoff Sutton, Ian Witter, Matt Woods, Michael de Villiers, Aidan McGivern, John Greetham, Richard Griffith, Jim Squires, Bob Lunnon, John Gunn

Suggest ground theory and flight operations theory as one group.

Sub group leader needed, meeting possibilities, organisers.

Ground practical general: George Anderson, Andrew Moys, Richard Griffith, Michael de Villiers, Jim Squires, Geoff Sutton, Ian Witter, Matt Woods, Bob Lunnon, Aidan McGivern, John Greetham

Topics; Operational decision making at airports: should aviation met take part?

Sub group leader needed, meeting possibilities, organisers.

Ground practical training: George Anderson, Andrew Moyes, Geoff Sutton, Ian Witter, Matt Woods, Michael de Villiers, Aidan McGivern, John Gunn, John Greetham.

Sub group leader needed, meeting possibilities, organisers.

Ground Practical History: Maurice Crewe, Richard Griffith, Jim Squires

Topics: Pre-Christmas Winter Storm 2010 (April 28, 2011 meet)

Sub group leader needed, meeting possibilities, organizers. All history groups into one.

Air (flight operation) theory training: James Morrison, Jacob Kollegger, Michael de Villiers, David John Gibbs, Bob Lunnon, Robert Seaman, Mike Wickson, Anthony Bowles.

Topics; Jet streams and CAT over forecasting/estimates, trigger lightning in stratocumulus cloud. PPL training in conjunction with GASCO.

Sub group leader needed, meeting possibilities, organisers.

Air theory history: Maurice Crewe, Jacob Kollegger, James Morrison, David John Gibbs, John Greetham, Jim Squires.

All history subgroups into one.

Air (flight operation) theory general: Jacob Kollegger, James Morrison, Michael de Villiers, David John Gibbs, Bob Lunnon, Anthony Bowles, John Greetham, Jim Squires, John Gunn, Robert Seaman, Michael Wickson.

Topics; Tropical cyclones, volcanic ash, CAT, wake vortices.

Sub group leader needed, meeting possibilities, organisers.

Bob mentioned a national conference on CAT autumn 2013 with presentations and questions.

Air (flight operation) practical training: James Morrison, Jacob Kollegger, David John Gibbs, Anthony Bowles, Robert Seaman, Michael de Villiers.

Topic: Are meteorologists aware of increased flow separation in fog and/or windy situations?

Sub group leader needed, meeting possibilities, organisers.

Air (flight operation) Practical History: Maurice Crewe, Jacob Kollegger, James Morrison, David John Gibbs, Michael Baker, John Greetham, Jim Squires.

History groups to be put into one.

Air (flight operation) practical general: Jacob Kollegger, James Morrison, David John Gibbs, Anthony Bowles, John Greetham, Jim Squires, John Gunn, Robert Seaman.

Topics: Cold soak and the meteorologist, operator, pilot.

Sub group leader needed, meeting possibilities, organisers.

In the end, there are 6 distinct sub-groups, from the 12 possible combinations relative to member interests/expertise:

1. Flight ops general theoretical and practical, ground ops theoretical general, and ground ops theoretical training. Practical title for sub-group to be determined! :)
Members: George Anderson, Andrew Moys, Geoff Sutton, Ian Witter, Matt Woods, Michael de Villiers, Aidan McGivern, Jim Squires, Richard Griffith, John Greetham, Bob Lunnon, John Gunn, James Morrison, Jacob Kollegger, David John Gibbs, Anthony Bowles, Robert Seaman, Mike Wickson.
2. Ground ops general practical:
Members: George Anderson, Andrew Moys, John Greetham, Richard Griffith, Jim Squires, Geoff Sutton, Ian Witter, Matt Woods, Michael de Villiers, Bob Lunnon, Aidan McGivern.
3. Flight Ops theoretical training:
Members: James Morrison, Jacob Kollegger, Michael de Villiers, David John Gibbs, Bob Lunnon, Robert Seaman, Mike Wickson, Anthony Bowles, George Anderson, Aiden McGivern, John Gunn.
4. History group:
Members: Maurice Crewe, Jacob Kollegger, James Morrison, David John Gibbs, John Greetham, Jim Squires, Richard Griffith, Michael Baker.
5. Ground ops practical training:
Members: George Anderson, Andrew Moys, Geoff Sutton, Ian Witter, Matt Woods, Michael de Villiers, Aidan McGivern, John Gunn, John Greetham.
6. Flight ops practical training:
Members: Jacob Kollegger, James Morrison, David John Gibbs, Anthony Bowles, Robert Seaman, John Gunn

Bob suggested that perhaps we should first find out who will be sub group leaders and then decide what groupings are feasible. John Gunn expressed interest in being a sub-group leader.

8 Quarterly newsletter

Jake has instituted a quarterly newsletter. Members are invited to contribute articles for the newsletter. Articles are intended for the public as well as members, and the current newsletter format of SIG issues outside the interest topics (admin issues in the SIG, annual meet organization, etc) to be in email form to SIG members exclusively.

9 AMS

16th American Meteorological Society (AMS) conference on aviation, range (missiles) and aerospace meteorology (ARAM). 6-10 January 2013. Call for papers. Deadline 1 August 2012.

This was brought to the meetings attention by Jake as well as suggesting that we maintain contact with the AMS. Will anyone be able to attend, or make a contribution to the

conference? Bob Lunnon mentioned connections with other RMS special interest groups and representation on the SIG committee.

10 Any other business

It was suggested that Skype be used by members that can not physically be at meetings.

Below are details for Skype and wireless connection.

Skype: rmets1850, password: eatonplace1850

Wireless: btrms log on eatonplace1850.

11 Conclusion, and introduce ideas for subjects for the next meeting.

List to be sent to members for recommendation and decision.

12 Date of Next Meeting

To be notified.

There being no further business, the Chair thanked everyone for attending and declared the meeting closed at 15:00 BST.

Chair: _____Jacob Kollegger_____

Date: _____June 15, 2012_____