

Contacts with the UK Flight Safety Committee [Bryn Jones]

- Presentation of space weather impacts on airline operations
 - Hazards
 - Cosmic radiation, flares, CMEs, solar wind, geomagnetic storms...
 - Impacts
 - Hazards to human health (GCRs, SPEs etc & increasing risk with next generation aircraft), Avionics, Communication, Satellite Navigation, Terrestrial Weather (research interaction between SW and TW)
 - Future
 - Research, UK CRAG, ESA Space Weather Activities (SWWT, pilot project...), COST, FP6 EoIs
 - Conclusions
 - Increasing risk, educational programme needed, more research => better risk assessment, liaise with ESA space weather activities, airline (aerospace) space weather working group.
- Response was favourable: most were unaware. Most agreed to respond to questionnaire.

Questionnaire

- Short questionnaire attached to minutes of UKFSC meeting. Will be used to establish best point of contact for more detailed questionnaire.
- Detailed questionnaire based on R. Horne's questionnaire sent to users during space weather studies but will include more operational/engineering questions
- Requested to provide an article on space weather to be published in the UKFSC magazine "Focus" a quarterly publication distributed to all UK flight crew and flight safety personnel. Also some world-wide release.