

OSTIV TSP

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FTSC Chairman

OSTIV

The Organisation Scientifique et Technique Internationale de Vol à Voile (OSTIV) is the international organisation for scientific exchange in the world gliding community. It has three *Panels*: the Meteorological Panel, Sailplane Development Panel (SDP), and the Training and Safety Panel (TSP).

These operate as separate groups, with representatives from a number of gliding countries. On occasion the SDP & TSP hold joint meetings to discuss mutual areas of interest, particularly those concerning safety and training as these are affected by glider design and the airworthiness standards.

SDP & TSP

The SDP is recognised by the European Aviation Safety Authority (EASA) as the international authority on glider airworthiness, having developed the Joint Airworthiness Requirements for gliders, known as CS-22 (previously JAR-22).

The TSP collects and discusses safety records from member countries, compares training methods and successes, and develops strategies for mitigating risks through safety and training initiatives. It holds occasional flying seminars from which the delegates recommend improved training methods and safety programs

OSTIV Congresses

OSTIV organizes Congresses during each World Gliding Contest at which papers are presented and designers, researchers and safety and training experts exchange their findings and ideas.

Representatives

SAC for many years has had representatives on the SDP and the TSP. These have been a professor of aeronautics and sailplane design expert, and the chairman of the Flight Training and Safety Committee. Currently (in 2007) SAC is represented only on the TSP (see also Flight Training and Safety Committee, Terms of Reference).

The SAC Board of Directors shall from time to time appoint, and annually confirm the SAC representative(s) to OSTIV.

TSP GOALS

- Development of functional aviation safety culture
- Sharing of best practices for safety and training for possible implementation into national programs
- Standardized approach for training and procedures to develop safety for soaring tourism and competitive gliding
- Provide statistical sampling large enough to draw reasonable conclusions on incident/accident data
- Draw on national expertise through round table consultation and evaluation of new safety and training techniques, and technologies

Some Past Accomplishments of TSP

- Standard operational guidelines for OSTIV participants and glider checklists
- Air brake design limitation recommendations for SDP
- Evaluation of new glider designs for training or safety implications
- Evaluation/recommendations of national training exercises, techniques, and curriculum including circuit patterns
- Spin training evaluation and recommendations to include awareness, avoidance, and recovery
- Evaluation/recommendations of national safety programs towards a systems approach
- Evaluation/recommendations of threats to soaring
- Development of Safety procedure recommendations for gliding contests
- Development and recommendations for use of PowerFlarm
- Recommendations for dealing with ageing pilots
- Promulgation of safety alerts
- Development of procedures for teaching how to deal with glider emergencies
- Identifications of ways to measure stress in pilot performance
- Along with SDP develop stall warning indicators,
- Examination of the use of simulators and recommendations for use
- Fit to fly- currency - stress management matrix amalgamation
- Pilot Safety in Gliding Recommendations for Immediate and Long-term Safety Initiatives
- Assist FAI expert safety group through TSP Chjairman as member

TSP

- This work is partly performed by TSP working groups to develop proposals for panel approval
- The Panel has a two to three day Meeting every two years.
- The Training and Safety Panel is currently chaired by: Ian Oldaker, Canada

The FAI Safety Expert Group Goals

Shall actively and systematically work to minimize the risk of participating in air sports by:

- - Promoting the importance of establishing good safety practices in every aspect of FAI activities
- - Facilitating the sharing of safety information between the various Air Sports Commissions, FAI Members (NACs) and OSTIV, identifying and promoting best practices
- - Identifying and analyzing inhibitors and obstacles to avoid / prevent accidents and incidents in air sports
- - Supporting and facilitating the development and implementation of effective incident and accident reporting systems
- - Actively communicating developments and trends in air sports safety to FAI Members (NACs), Air Sports Commissions and OSTIV

History of TSP

In the 1970s a small group of instructors/national coaches got together in Europe to discuss instructing and safety. It was a very ad-hoc get-together of three coaches from the UK, Denmark and Germany, and it came to be noticed by the instructing community through publishing of articles in one or two national magazines, e.g. *Sailplane and Gliding*.

After an invitation from the SSA, a number of "new" people came into the group, including one or two from Canada, the US, Australia, and several European countries. After the meeting in the US, the group's ad-hoc leader who was the UK national coach at the time, felt that the group should be associated with an international gliding organisation such as (the forerunner of) the IGC. They declined and said it was more appropriate to belong to OSTIV.

There are other panels within OSTIV, including the Meteorological panel, and the Technical panel, the oldest. At about the same time, the Sailplane Development Panel (SDP) was made a member of OSTIV. Within the TSP, the leader (Bill Skull, the BGA's National Coach) then was named the chairman of the new panel, known as the Training and Safety Panel. He was succeeded by the Swedish national coach/director, Sakari Havbrandt, when Bill died of a sudden disease. Ian Oldaker, former Canadian Chairman of Flight Training and Safety for the Soaring Association of Canada took over from Sakari in Feb 2004, at the meeting held at that time in Atlanta in conjunction with the SSA Annual Convention.

Much of what comprises the updated materials in our Canadian training and safety programs has come from interactions with other experts at the TSP meetings/flying seminars. They are invaluable to maintaining our programs on a par with the best practices that are used elsewhere.

OSTIV Training and Safety Panel, TSP – Meeting and Flying Training Seminar 24 Aug. – 30 Aug. 2015



OSTIV TSP Ian Oldaker, chairman, Canada; Jørgen Legind, Denmark; Tapio Kimanen, Finland; Patrick Pauwels, Belgium; Kjell Ivarsson, Sweden; Dan Cook, Canada; Rich Carlson, USA; Günter Forneck, Germany; Thomas Nielsen, Norway; Mike Fox, UK and Henrik Svensson, Sweden.