



Air Transportation Systems Technical Committee Meeting

April 22, 2004
AIAA HQ, Reston, Virginia

The meeting was convened at 9:00 am, as scheduled.

Attendees included Shahab Hasan, Brian Holguin, Karl Bilimoria, Dan Salvano, Jim Cistone, and Bob Hoffman (prospective new member).

Agenda



Welcome!

TC charter

AIAA org
charts

Our TC

Subcommittee
reports

Future
meetings


Lunch

Meet Aircraft
Ops TC

- Welcome!
- TC charter
- AIAA organization charts
- Our TC
- Subcommittee reports, current activities
- Future meetings
- Lunch
- Short get-together w/ Aircraft Operations TC

We quickly went over the agenda; there were no objections or additional topics offered.

Welcome!



- First meeting chaired by Shahab Hasan
 - What do I want to accomplish during this meeting?
- Grateful thanks (but not farewell!) to Todd Farley
- Why would you want to be a TC member?
 - Networking, career advancement (“to help me”)
 - To give something back to your profession (“to help others”)

Welcome!
TC charter
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Meet Aircraft Ops TC

Todd Farley did a tremendous job as the previous Chairperson and Shahab hopes to continue his good work.

We spent some time talking about why someone would want to be a TC member. In addition to the two points listed on the chart, Dan Salvano made the point that members are able to increase their technical knowledge through interaction with other professionals.

TC charter



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The Air Transportation Systems Technical Committee (ATS TC) examines the impact of technological, operational, economic and political developments on the air transportation system. The effects of both internal and external events on the system are evaluated.

The Committee reports on these impacts through sponsored meetings, position papers, and articles in *Aerospace America*.

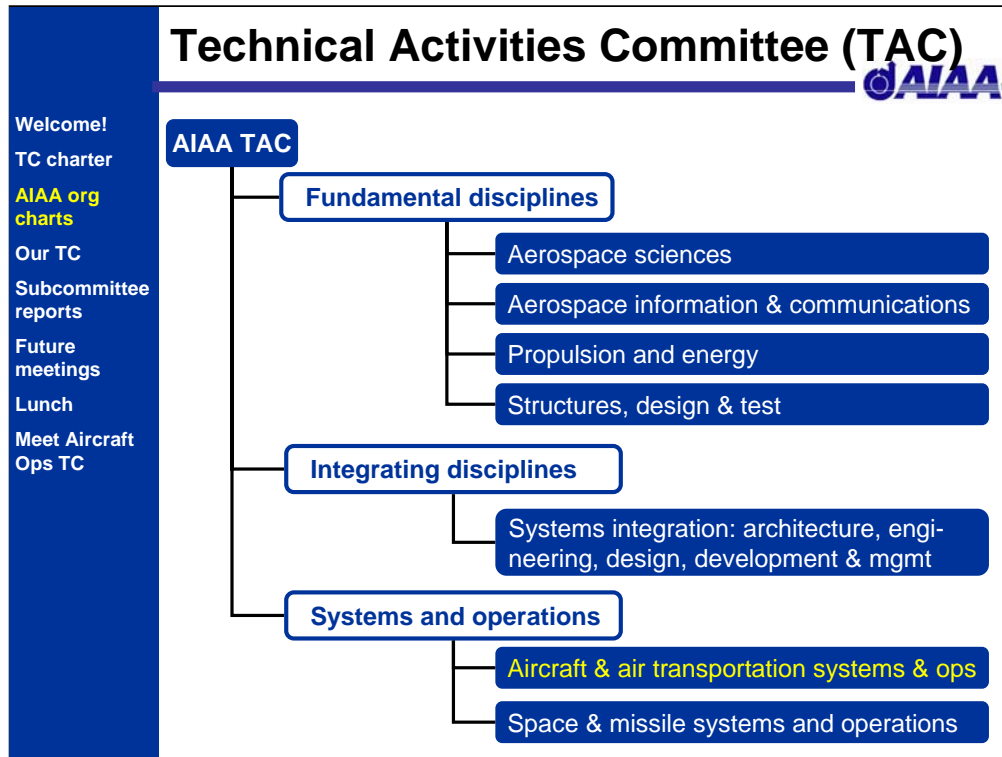
Committee membership is drawn from all areas of air transportation, with emphasis on systems-level rather than technology-level expertise.

Think of the TC as your support group, a team of experts with considerable resources to help you make a difference in our aviation system.

All you need is to have an interest and pursue it.

The TC is here to help you see it through.

We briefly went over the TC charter. The main point was that our primary reason for being was to plan and conduct our annual conference (ATIO). Other activities are certainly worthwhile and supported but the conference was the first priority for a maturing TC.

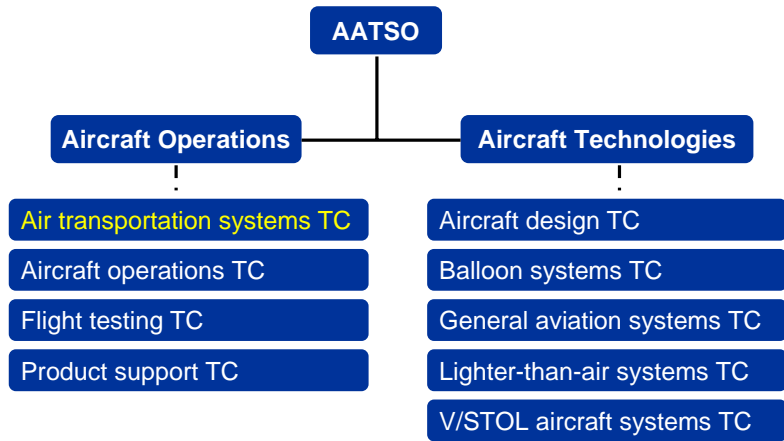


Shahab talked about how we fit within the overall AIAA, specifically the Technical Activities Committee.

Aircraft and ATS and Operations Group



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- AIAA org charts
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(continued from previous chart)

Current TC organization

Welcome!

TC charter

AIAA org charts

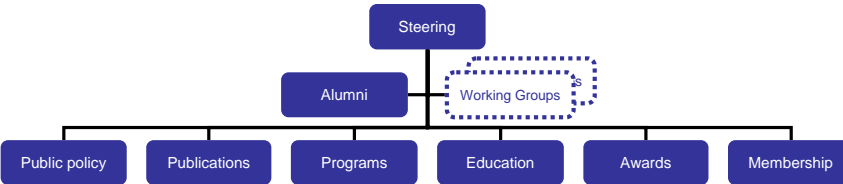
Our TC

Subcommittee reports

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graph TD
    Steering[Steering] --- Alumni[Alumni]
    Steering --- WorkingGroups[Working Groups]
    Steering --- PublicPolicy[Public policy]
    Steering --- Publications[Publications]
    Steering --- Programs[Programs]
    Steering --- Education[Education]
    Steering --- Awards[Awards]
    Steering --- Membership[Membership]
    
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- Members serve a 3-year term (renewable)
 - First year is provisional
 - Full voting rights and full participation
 - Become “tenured” after one year (at discretion of the chair)
- Chair serves a 2-year term
- Webmaster serves an open-ended term
- Working groups formed ad-hoc on as-needed basis

We made the point that the 3-year term is not really enforced and neither is the “provisional” first-year status. Once a member is approved and joins, he/she is expected to get right to work and contribute and therefore deserves full status.

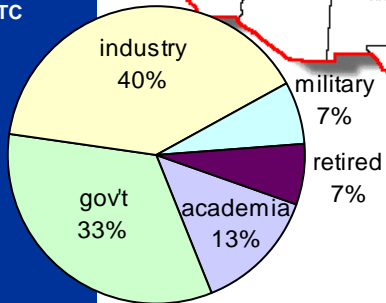
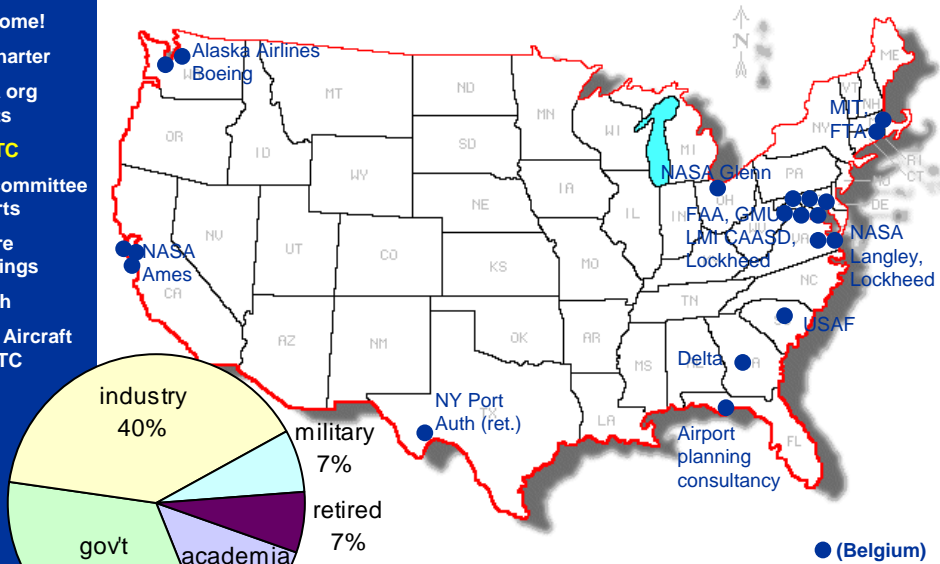
Our Webmaster is Todd Farley and that is expected to continue for the foreseeable future.

We have not had many (if any) working groups, but they are a way to get something done, as necessary.

ATS TC demographics



- Welcome!
- TC charter
- AIAA org charts
- Our TC
- Subcommittee reports
- Future meetings
- Lunch
- Meet Aircraft Ops TC



● (Belgium)

TC operations



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- TC calendar
 - TC Spring meeting
 - TC year begins in May (new officers, new members)
 - ATIO Forum in September (TC meeting)
 - TC member nominations due November 1
 - Officer elections in March (odd years)
 - End of terms in April
- 2 meetings per year
 - Members obligated to attend three of four over two years
 - Typically one in DC, one at ATIO
 - TC telecons held between meetings
- TC website
 - <http://www.aiaa.org/tc/ats/>

We will have a telecon during the summer, probably in mid-July.

Next TC Chairperson election will begin this fall/winter.

It is important that members attend meetings; we are going to be a little bit more strict in asking non-active members to rotate off if they do not participate or have lost interest in ATS. No shame in that, but we want active members.

D.C.-area meeting has traditionally been lightly attended. Suggestions and discussion centered around other possible venues but experience has shown that alternative locations did not really help the attendance problem.

| <h2>Subcommittee Reports</h2> | |  |
|--|---------------|--|
| Welcome! TC charter AIAA org charts Our TC Subcommittee reports Future meetings Lunch Meet Aircraft Ops TC | Steering | Chair, Vice-chair (i.e., Chair-elect), and Immediate past chair; responsible for strategic planning. |
| | Alumni | Group of former ATS TC members. No longer formal members of the TC, but an esteemed group of trusted, valued advisors on whom the TC can call on an ad-hoc basis. |
| | Public policy | Inform Congress, media and the public about the critical ATS issues and why they should care. |
| | Publications | Pursue development of new ATS-oriented periodical/journal or coordinate special ATS issue of an existing AIAA journal. Write annual Aerospace America article. Best paper at ATIO. |
| | Programs | Coordinate TC's involvement in ATIO and other TC-sponsored conferences, symposiums, and events. |
| | Education | Develop educational resources, programs, etc. which can be implemented by AIAA local sections and/or student chapters. Develop short courses or textbooks for AIAA. |
| | Awards | Manage the Speas Award; coordinate reviewers for related TC awards (e.g., Aircraft Ops award); spearhead new award for ATM. |
| | Membership | Recruit, retain and reward active members. |

Steering subcommittee (Shahab) talked about our recent efforts to collaborate more closely with the Aircraft Operations TC. Everyone thought it was a good idea and looked forward to the afternoon session with that TC.

No report from Alumni subcommittee.

Dan Salvano represented Public Policy subcommittee and indicated he may have to come off the subcommittee or at least not be the Chair, in order to avoid any conflict of interest perception.

Karl Bilimoria represented the Publications subcommittee. Biggest item is that he and Gano Chatterji have been working on the ATIO best paper award and it is coming along nicely. We will award this for the first time this year (for 2003 best paper). We also talked about how it's necessary to get an early start on the Aerospace America highlights article.

The Programs subcommittee (Shahab) talked more about ATIO and future ATIO planning. Dan Salvano suggested more opportunities to get policy papers and panels set up in future ATIOs.

Shahab represented the Education subcommittee. Mary Reveley has been pursuing the idea of putting together a briefing package to describe ATS; no recent developments in this activity.

No report from the Awards subcommittee but the ATIO best paper award certainly is related to this subcommittee as well as Publications.

No formal report from Membership subcommittee but Dave Maroney had provided Shahab with an updated table with potential new members.

Future Meetings



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- TC meetings for 2004
 - At ATIO in Chicago; either September 20 or 21
 - Telecon; mid-July

We decided on September 21 from 6 to 9 pm for the next TC in-person meeting. Shahab will set up the July telecon and e-mail out the notice.

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Future Meetings



- Structure of Future Meetings
 - Welcome, intros, etc...
 - ATIO (review; planning; etc.)
 - Subcommittee, liaison, and working group reports
 - Technical topic
 - Programmatic status
 - Study results
 - Political developments
 - *Not* marketing
 - *Not* intensive to prepare for
 - About 30 minutes
 - Liaison/reports to/from other TCs
 - Current and future issues
 - Possibly great topics for ATIO, annual highlights, position papers, working group initiatives, journal articles
 - Next meeting dates/times

Shahab has a strong concern and commitment to making the in-person meetings useful so that members attend and find value in the meetings.

Accordingly, we worked out a nominal structure as shown on the chart (this was generated real-time during the meeting). The key new item is to have a technical topic. We will solicit and assign a particular topic/presenter during our July telecon.

We adjourned just before noon and had a joint lunch with the Aircraft Operations TC. We talked about collaborating more closely and why that made sense. Nobody had any objections and everyone thought it was a good idea. John Sorensen (Aircraft Ops TC Chairperson) and Shahab will work together to make this happen.