



Air Transportation Systems Technical Committee Meeting Minutes

October 1, 2002

in conjunction with the
Aircraft Technology, Integration, and Operations Forum
October 1-3, 2002
Los Angeles, California

These meeting minutes are combined minutes of the October 1 TC meeting at the ATIO Forum in Los Angeles and the September 26 telecon.

Attendance:	Telecon	Meeting
Ausrotas	N	N
Chatterji	Y	Y
Chaudhary	N	N
Cistone	Y	N*
Clarke	Y	N
Conzachi	N	N
Creighton	Y	N
Donohue	N	N
Farley	Y	Y
Hasan	N	Y
Lawson	N	N
Mazzeo	N**	N
Nutter	N	N
Furundarena	N	N
Salvano	N**	N
Windisch	N	N
Woodard	Y	Y
Reveley	N**	N
Maroney	N	Y

* Jim Cistone served as ATSTC liaison to the ATM Program Committee meeting which took place at the same time as the ATS TC meeting.

** Attempted to join telecon, but telephone line would not enable them to connect.

*** Prospective TC member Vince Schulz (NASA Langley) participated in the telecon.

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ATS TC Meeting

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- I. Chair's remarks
- II. Approval of 24APR02 minutes
- III. Membership review
- IV. New business
 - A. Inventory of expertise
 - B. TC organization
 - C. Potential merge with Aircraft Operations TC
- V. Subcommittee reports
 - A. Public policy
 - B. Publications
 - C. Conference
 - D. Education
 - E. Awards
 - F. Membership
- VI. Future meetings
- VII. Action items
- VIII. Adjourn

The ATIO Forum is the major annual conference for our TC. As such, TC members are also expected to contribute to the success of this conference by assisting in the planning effort, chairing a session or submitting a paper. TC members also can count on there being a TC meeting at ATIO each year. The location of ATIO will move each year and will not always be on the west coast.

<p>Agenda</p> <p>Remarks</p> <p>Administrivia</p> <p>New business</p> <p>Subcommittee reports</p> <p>Future meetings</p> <p>Action items</p> <p>ATS TC Meeting</p> <p>October 1, 2002</p>	<h2 style="margin: 0;">Chair's remarks</h2> <div style="text-align: right;"></div> <ul style="list-style-type: none">• An unsatisfactory 5 months at the helm so far<ul style="list-style-type: none">– Failure to communicate– Failure to delegate– TC has still made some contributions<ul style="list-style-type: none">• Some accomplishments to build on • Changes, starting now<ul style="list-style-type: none">– Emphasis on communication– Structure the TC with subcommittees– Identify short- and long-term goals • Other announcements<ul style="list-style-type: none">– There is a petition to add Don Richardson to the ballot for AIAA President<ul style="list-style-type: none">• petition is available for download from our website's online library• instructions are provided at the top of the petition form
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For those interested in signing a petition for Don Richardson, those petitions are due by November 20th.

For those who signed the petition that was circulated at the meeting, that petition has been submitted.

<p>Agenda Remarks Administrivia New business Subcommittee reports Future meetings Action items</p> <p>ATS TC Meeting October 1, 2002</p>	<h2 style="margin: 0;">TC roster</h2>  <ul style="list-style-type: none">• Verify your contact information (see attached roster)<ul style="list-style-type: none">– Notify Todd of any errors • Check your info on the TC website for currency<ul style="list-style-type: none">– Contact info, professional interests, bio, photo– If information is posted that you do not want posted, notify webmaster (Todd) • Tony Hays has resigned<ul style="list-style-type: none">– Thank you Tony for 10 years of distinguished service! • Joe Davis to become the first member of the ATS TC Alumni Council
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The current ATS TC roster is being emailed with these meeting minutes. To update your contact information, please submit the corrections to Todd. Note that this information is not posted on the website, for obvious reasons.

The TC accepted Tony Hayes' resignation. Tony has been with the TC since 1992 and is a former Chairman of the TC. His contributions to this group have been many, and we wish him well in his future endeavors. Tony has been removed from the TC roster and email distribution list.

The TC also accepted Joe Davis' conditional resignation in order to honor his request to serve on the TC Alumni Council. Please continue to copy Joe on all TC email.

New business



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- Inventory of expertise
- TC organization
 - Subcommittees
 - Subcommittee assignments
- Potential merge with Aircraft Operations TC

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Inventory of expertise



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 ATS TC Meeting
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Your area(s) of expertise:	Ausloos	Chatejff	Chaudhary	Cistone	Clarke	Conzachi	Creighton	Davis	Donohue	Farley	Hasan	Lawson	Mazzeo	Nutter	Rodolfo	Sabino	Windisch	Woodard	Reveley	Maroney
1. Analysis & development of ATC systems		X		X	X					X			X		X	X				
2. Planning & design of airports, airbases, & airport systems		X		X									X		X					
3. Modernization of the air transportation infrastructure			X	X	X					X			X		X	X				X
4. Forecast and analysis of air transportation system changes	X										X		X						X	X
5. Airline marketing and business practices	X			X	X									X						
6. Economic analysis of air transportation systems	X			X							X			X						X
7. Planning and scheduling			X	X	X									X						
8. Safety of air transportation			X								X		X	X	X			X	X	
9. Application of systems analysis techniques			X	X							X			X	X			X	X	

- Others: Operations research, human factors, operations (flight deck, CRM, ATC, TFM, dispatch, airline, airport, training), ...

Those present filled in their areas of expertise to the matrix. We now have input from 14 of our 20 members. The data will be used to help us identify specialties under our charter where we are underrepresented. That information will help direct the membership subcommittee in its efforts to recruit new TC members who can fill the holes in our collective expertise.

It was mentioned that the subject areas need to be properly defined; they are vague and overlapping. We may also want to expand the list to include the topic areas listed at the bottom, among others.

This will be a low-level task for the membership subcommittee for the coming year.

Those who have not yet completed their column of the matrix are asked to please submit their input to Todd.

TC organization

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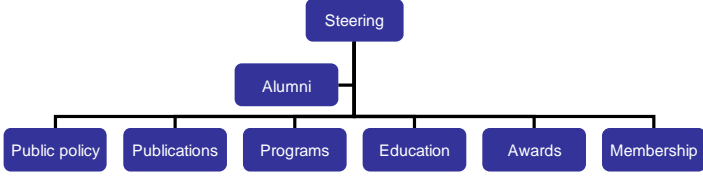
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ATS TC Meeting

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graph TD
    Steering[Steering] --- Alumni[Alumni]
    Alumni --- PublicPolicy[Public policy]
    Alumni --- Publications[Publications]
    Alumni --- Programs[Programs]
    Alumni --- Education[Education]
    Alumni --- Awards[Awards]
    Alumni --- Membership[Membership]

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- At-large positions
 - Vice chair (a.k.a. chair-elect)
 - Immediate-past chair
 - Webmaster
- Ad-hoc positions
 - Liaison to other TC meeting (A/C Ops, ATM PC, etc.)

Nominations for Vice-chair (i.e., Chair-elect) are now open. The Chair-elect will become Chair in May of 2004, serving a two-year term. In the meantime, s/he will serve as Vice-chair, assuming the duties of the Chair at meetings or events where the Chair is unable to attend. The Vice-chair also serves as a member of the TC's Steering subcommittee, helping make strategic decisions concerning the direction and involvements of the TC.

All TC members are eligible for the position of Vice-chair/Chair-elect. Members may nominate themselves or another member. Submit nominations to Todd.

Jim Cistone served as liaison to the ATM Program Committee meeting (which overlapped with the ATS TC meeting) and was therefore unable to attend the TC meeting but will report to us on the ATM PC meeting at our next telecon. Wherever possible, the intent is for us to have a liaison at other related TC meetings, and to invite members of those TC's to join us for ours.

Subcommittees



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	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.
	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.

Subcommittee assignments



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	Austros	Chatterji	Chandhary	Clstone	Clarke	Conzachi	Creighton	Davis	Donohue	Farley	Hasan	Lawson	Mcronney	Mathiasel	Mazzeno	Nitter	Reveley	Rodolfo	Safvano	Windisch	Woodard	
Steering										X		X										
Alumni								X														
Public policy				O					O			O								O		
Publications	O	X			X									O								
Programs							X				X	X				O	O					O
Education			O							O	X											
Awards		X			X		X								O							
Membership							O						X			O						O
Chair										X												
Vice-chair (chair-elect)																						
Immediate past-chair												X										
European bureau chief																			X			
Webmaster										X												

Tentative subcommittee assignments were announced. Assignments are to be finalized at/before our next telecon (Nov. 12).

‘X’ means that the assignment has already been finalized; ‘O’ means the assignment is preliminary.

Red typeface simply means that your committee assignments have not yet been finalized. If your assignment HAS been finalized and you don’t like what you see, speak now or forever hold your peace!

Preliminary assignments above were determined in part by geography. People located in the same metropolitan region were assigned to the same committee in order to facilitate their collaboration.

Each of you is also asked to pick a second subcommittee of your choice on which to serve.

Potential merge with Aircraft Ops TC




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- The scoop
 - Aircraft Ops TC is hurting
 - Aircraft Ops TC chair spoke with AIAA business developer concerning future of the TC
 - Proposed merging the most active members of the Aircraft Ops TC into the ATS TC
 - Aircraft Ops TC currently about 22 members
 - 5-6 of those members are “active”
 - ATS TC considered the closest to the Aircraft Ops TC in terms of charter
 - To encourage and foster **safe and efficient aircraft operations** by facilitating communication and interchange of relevant concerns, ideas, and initiatives **throughout the airspace system user community** and across the broad spectrum of appropriate government agencies. (Aircraft Ops TC charter)
 - Concept has the blessing of our Group Director

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The Aircraft Ops TC has made overtures about merging itself with our TC. In discussions with the Aircraft Ops vice-chair the day after the TC meeting, it appeared that the Aircraft Ops TC was not yet ready to pursue a merge. Stay tuned.

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Public policy:

It was suggested that part of our public policy strategy should be to work with the Public Policy Officers of local AIAA regions and sections to help make them aware of ATS-related issues and legislation in Congress, so that they can mobilize grassroots support at their local level. This would be especially useful in coordinating with the home districts of members of Congress who chair or sit on the Aviation subcommittee and the like.

Todd suggested Mike Beavin as a possible TC member with experience in public policy. Mike is a commercial pilot and a former staffer on the House Space & Aeronautics subcommittee.

Publications:

Gano suggested that we cull papers from ATIO, GNC, etc. and form a book. The book would be at the conceptual level, not simple reprints of the papers.

Subcommittee reports



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ATS TC Meeting
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- Programs
 - ATIO '02 a revolutionary success in how we sponsor conferences
 - 5 TC's cosponsored an entire track devoted to "Making the case for investment in the aviation infrastructure"
 - ATIO '03 planning underway
 - Sept/Oct 2003
 - Location: probably San Diego (Huntington Beach, Long Beach, Anaheim also possibilities)
 - Same collaborative approach to cosponsoring an entire track
 - Need to develop theme for the track
 - TC helped publicize last month's MIT/NEXTOR "Aviation and the Environment" symposium
- Education
 - No activity to report
 - Planning initiatives to reach out to AIAA regions and sections

Programs:

As stated earlier, the ATIO Forum is the core event in the ATS TC calendar. As such, a fundamental part of our long-term plan as a TC is to grow ATIO into a strong, vital conference. We're not there yet, by any stretch. But we're on the road...

Education:

Shahab Hasan suggested we organize an effort to do guest lectures at engineering schools and schools with aviation programs. The purpose would be to give students exposure to ATS issues and careers which are not commonly addressed in the typical aero or economics curriculum. Todd suggested we collaborate with local AIAA sections to identify local AIAA members with an ATS interest who would be willing to speak at local high schools and colleges.

Subcommittee reports



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- Awards
 - Served on Aircraft Ops Award selection committee
 - Speas nominations due October 1
 - Will provide a representative to the Speas selection committee
 - Pursuing new award for excellence in ATS
- Membership
 - TC nominations now open
 - Membership drive: Looking to fill gaps in our expertise inventory, our demographics, and our subcommittees
 - Develop candidates for ATS TC membership
 - Send solicitation letters

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Membership:

Interest in ATS TC membership is up over previous years. TC nominations close on Nov. 1.

It was mentioned that our TC needs greater representation from academia.

Congratulations to Jim Cistone who has been named an AIAA Associate Fellow!

Editorial comment re: membership



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- Privilege of TC membership
 - Think of the TC as your support group as you set about to advance your ATS interests
 - Everyone should get to have a stake in what this TC does
 - a responsibility, a role, or a pet project
 - not talking major commitment here... just have an interest and pursue it; the TC will help you do this
- Expectations of TC membership
 - no silent members! no hangers on! :-)

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Future meetings



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- TC meetings for 2003
 - Propose having two TC meetings in 2003
 - Springtime in the East (which conference?)
 - Fall in the West (ATIO in SoCal in September)
 - Telecons between each meeting
- Next telecon
 - Tuesday, November 12, 1300-1400 Eastern time
 - Finalize subcommittee membership and projects
 - Subcommittee reports
 - New business
 - Refine short- and long-term goals
- Monitor the ATS TC website: <http://aiaa.org/tc/ats/>
 - Agendas and updates on these and all ATS TC activities, meeting minutes, committee assignments & projects, etc.

Action items



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1. Visit TC web site; bookmark it
2. Verify contact info in TC roster; send corrections to Todd
3. Confirm personal info on "People" page of TC website
4. If you don't have a bio page, submit info to Todd
5. Determine your area(s) of expertise; if you don't see it in the list, write it in
6. Determine your interest in the TC
 - Select one additional subcommittee
 - Alternatively, consider moving into the ATS TC Alumni Council
7. Nominate yourself or a TC colleague for chair-elect
8. Telecon Tuesday, Nov 12 at 1300 EST

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