




**Air Transportation Systems
Technical Committee
Meeting Minutes**

April 9, 2003


Agenda	
Agenda Remarks Administrivia Old business Subcommittee reports Focus topic Future meetings Action items	 I. Chair's remarks <ul style="list-style-type: none"> A. New Vice Chair: Shahab Hasan B. TC chart II. Old business III. Subcommittee reports IV. Meeting focus: Subcommittees... now what? <ul style="list-style-type: none"> A. Getting started B. Moving forward C. Help! V. Future meetings VI. Action items VII. Lunch VIII. Adjourn Appendix: Reference material, including driving directions and hotels
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The meeting came to order at approximately 8:30am. Attendance is noted on the TC Chart, pg. 4.

Prospective TC member Brian Holguin also attended. Brian is an FAA air traffic controller. He is currently an Operations Manager at Washington Center and is active in the FAA's airspace redesign effort. Before Washington Center, Brian was a controller at Oakland Center, where he also collaborated with Dr. Ev Palmer and Nancy Smith on human factors research at NASA Ames.

The following AIAA staffers also attended for periods of the meeting to brief us on available resources, best practices, lessons learned, etc:

Emily Springer (Member support), Norma Brennan (Publications), Dug Greevey (Online publications), Bruno Kisala (Business Development & Programs).

Agenda Remarks Administrivia Old business Subcommittee reports Focus topic Future meetings Action items ATS TC Meeting April 9, 2003	<h2 style="margin: 0;">Chair's remarks</h2> <div style="text-align: right; margin-bottom: 10px;">  </div> <ul style="list-style-type: none"> • New Vice Chair: Shahab Hasan <ul style="list-style-type: none"> – Logistics Management Institute, McLean, Virginia – To become TC Chair in May 2004 • New AIAA President: Dr. Don Richardson <ul style="list-style-type: none"> – SAIC, Arlington, VA – Current director of our Technical Group: ATIO – Term begins May 1, 2004 • TC chart <ul style="list-style-type: none"> – See next page
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As of May 1, Shahab Hasan is the ATS TC Vice Chair. Congratulations and thanks, Shahab!

Our Technical Group Director, Dr. Don Richardson, has been voted AIAA President-elect. Don Richardson's replacement as Director of the Aircraft & Air Transportation Systems & Operations Group has not been named yet. The scuttlebutt is that Dr. Wilson Felder, FAA ATB-2 (Terminal Area Business Unit) may be named. Dr. Felder is a member of the Aerospace Traffic Management Program Committee and has been a driving force behind the ATIO Forum.

Editorial: With Dr. Richardson at the helm of the AIAA next year, our TC will have a real advocate for ATS issues leading AIAA. New initiatives to advance the stature of ATS issues in the AIAA will never stand a better chance than during his tenure. We should start brainstorming now for new ideas and programs to have ready to pitch when his term begins next May.

TC chart



- Agenda
- Remarks
- Administrivia
- Old business
- Subcommittee reports
- Focus topic
- Future meetings
- Action items

TC Member Since	Membership				Employers				g Areas of Expertise				Subcommittees			Leadership		Attendance																	
	Assoc.	Member	Sr. Member	Assoc. Fellow	Academia	Government	Industry	Military	Retired	Sys. tenlevel	Airport plann	NAS Modern.	F/C & analysis	Airline mkt g	Econ. analysis	Plan & sched	Safety	Sys. analysis	Public Policy	Publications	Programs	Education	Awards	Membership	Atlarge	S/C Chair	Project Lead	TC Liaison	2002OCT	2002NOV	2003FEB	2003APR	2003JUN		
KB 03				•																															
GC 00																					C														
RC 00				•																															
JC 98				•																															
JPC 01				•																															
BC 98				•																				C											
RcF 99				•																															
GD 99																																			
TF 99																																			
SH 00				•																															
NL 96				•																															
DRM 02																																			
DPM 99																																			
CN 00				•																															
MR 02				•																															
DS 00																																			
JW 90				•																															
SW 01				•																															
18		1	6	7	3	1	2	6	7	1	2	7	4	8	4	3	4	4	7	7	4	6	8	4	5	4	4	6	3	2	6	10	9	7	

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Alumni Council:	
RA	•
JD	•

New member Karl Bilimoria has been added to the chart. Karl has agreed to serve on the Publications subcommittee and has also asked to serve on the Programs subcommittee. Karl will also act as TC liaison to the GNC TC and the Journal of Guidance, Control and Dynamics, of which he is currently Associate Editor.

Also, Stan Woodard has moved from the Public Policy subcommittee to the Publications subcommittee.

Notes:

C = Subcommittee chair

TC Liaison = attend & report on activities of a related TC

Project Lead = you are currently the lead on a TC project

No “•” in the Membership column = your AIAA membership has expired

gray shading = not applicable or not required

Expectations:

Be active on your subcommittees

Have a leadership stake in the TC (or make plans to)

Have a great attendance record

Make a difference!

Alumni Council members are not TC members and as such are exempt from the above

Old business



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- Approve February meeting minutes
- Update the TC roster
- Action item review

No.	Subcomm.	Description	Entered	Due
1	Steering	Respond to <i>Journal of Aircraft</i> : What is our TC mission? What is our vision for the TC? How can the <i>Journal</i> help guide the TC mission and vision?	JAN03	JAN04


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The February meeting minutes were approved.

The TC roster was circulated for review. The updated version is being distributed electronically to all TC members and alumni at the beginning of the AIAA year, May 1.


Subcommittee reports	
<ul style="list-style-type: none"> Agenda Remarks Administrivia Old business <li style="background-color: yellow;">Subcommittee reports Focus topic Future meetings Action items 	<ul style="list-style-type: none"> • Public policy (Dan) <ul style="list-style-type: none"> – Congressional Visits Day, April 7-8, DC • Publications (Gano) <ul style="list-style-type: none"> – Special ATS issue of <i>Journal of Aircraft</i> (Fall 2003) <ul style="list-style-type: none"> • J.P. Clarke, guest editor
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Todd attended Congressional Visits Day on behalf of the TC and his home San Francisco Section. He visited with staffers from three CA congressional districts (including his own) and both CA Senators, Boxer and Feinstein. He also met with Rep. Rohrabacher, Chairman of the House Space & Aeronautics Subcommittee and listened to testimony from NASA Administrator Sean O'Keefe before that same Subcommittee. Discussion with the staffers focused on what to do about the aging aerospace workforce, education support, the European challenge to supplant the United States' leadership in aeronautics, the Challenger accident, and of course, the war in Iraq. With air transportation security and solvency in the headlines, the ATS TC offered itself as a resource to staffers for objective, expert consultation on ATS matters. The meetings are useful in establishing a continuing dialogue between AIAA constituents and our congressional representatives.

J.P. Clarke reported on his progress with the special issue of the Journal of Aircraft. There are currently 8 articles in the queue. Publication date is TBD but expected this Fall/Winter.

There was discussion concerning what journals other than the Journal of Aircraft might be appropriate for the ATS TC to work with. Stan Woodard agreed to do a review of current journals in and out of the AIAA that are relevant to the ATS TC charter. His results are attached as Attachment 1.

The TC heard from AIAA staffers Norma Brennan and Dug Greely concerning traditional and online publications. They seemed positive about the idea of publishing the proceedings of the FAA/Eurocontrol ATM R&D Seminar. The AIAA contact to pursue that with is Rodger Williams [rodgerw@aiaa.org, 703-264-7560].

Agenda Remarks Administrivia Old business Subcommittee reports Focus topic Future meetings Action items ATS TC Meeting April 9, 2003	<h2 style="margin: 0;">Subcommittee reports</h2>  <ul style="list-style-type: none"> • Programs (Shahab) <ul style="list-style-type: none"> – ATIO '03 planning underway <ul style="list-style-type: none"> • Nov. 17-19, 2003 in Denver • Abstracts due May 1 • http://aiaa.org/events/atio03/ • Education (Mary) <ul style="list-style-type: none"> – Proposed charter – ATS one-pager
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ATIO '03 is moving along. We will be looking for TC members to chair sessions. If you would be willing to chair a session, contact Shahab (shasan@lmi.org).

Very soon now, planning will begin for ATIO '04. AIAA Business Developer Bruno Kisala joined us to update us on the current plans for ATIO '04 and beyond. ATIO '04 will be in Chicago, co-located with the AIAA Unmanned Systems Conference. The Call for Papers for ATIO '04 will need to be ready by this September, so the planning should begin soon. Members of our Programs subcommittee should start meeting to scope out a theme for ATIO '04.

Mary Reveley reported that the Education subcommittee had met by telephone prior to the TC meeting. She distributed an initial cut at the subcommittee charter, which is attached (Attachment 2). The TC brainstormed a number of education initiatives. 1. Survey universities to see which ones do/do not have ATS-related programs, just for awareness; 2. Initiate a guest speaker program – could be for engineering classes, but also could be for economics or policy courses to broaden students' exposure to ATS issues; 3. Develop educational "kits" targeted at the grade school or high school level that local AIAA section education reps could take to their local schools. Stan Woodard to send information regarding a wing demonstration kit to Mary. Todd to send information regarding a balloon researcher's educational website for kids to Mary. 4. Education subcommittee to decide what to do with a proposed "ATS one-pager" for college students (see Attachment 3).


Subcommittee reports	
<ul style="list-style-type: none"> Agenda Remarks Administrivia Old business <li style="background-color: yellow;">Subcommittee reports Focus topic Future meetings Action items 	<ul style="list-style-type: none"> • Awards (Barry) <ul style="list-style-type: none"> – Speas Award <ul style="list-style-type: none"> • J.P. Clarke, Speas committee chair – Aircraft Ops award – Considering a new award for excellence in ATS • Membership (Dave) <ul style="list-style-type: none"> – Consideration of new nominee Karl Bilimoria • Liaison report (N/A) <ul style="list-style-type: none"> – Related TCs have not held any meetings since our last one
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J.P. reported that the Speas Award for 2003 has been awarded. Nominations for the 2004 Speas award are due in the Fall. The Awards subcommittee will be tasked with developing several good, solid nominations for this years' award.

The nomination of Karl Bilimoria was accepted unanimously. Karl has a very strong background in ATM research and has a demonstrated record of service and experience working with various TCs. He will be a great asset to our TC, and we enthusiastically welcome him aboard!

Dave Maroney led a brainstorming session to develop new candidates for TC membership, to strengthen our expertise base and to further energize our membership. A complete list of proposed candidates will be disseminated through the Membership subcommittee.

In addition, the Membership subcommittee is going to produce a "checklist" of criteria that the TC should consider when evaluating nominations and considering retirements, to ensure diversity of employers, expertise, interests, academia vs gov't vs industry, etc.

<p>Agenda Remarks Administrivia Old business Subcommittee reports Focus topic Future meetings Action items</p> <p>ATS TC Meeting April 9, 2003</p>	<h2 style="margin: 0;">Focus topic</h2> <div style="text-align: right;"></div> <ul style="list-style-type: none">• So we've got subcommittees... now what?<ul style="list-style-type: none">– Getting started<ul style="list-style-type: none">• Know your committee members• Know where to get help (next slide)– Moving forward<ul style="list-style-type: none">• Have a plan• Pursue it– Help!<ul style="list-style-type: none">Team up and pool resources<ul style="list-style-type: none">• AIAA staff• Other subcommittees• Other TCs / PCs
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We discussed the fact that the subcommittees have many resources to avail themselves of – we don't have to do everything ourselves. We should make use of the AIAA staffers, our other ATS TC subcommittees, and other TCs and Program Committees. The next page has a partial list of potential sources of assistance.

Focus topic



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– Help! *Team up and pool resources*

- AIAA staff
 - Public policy – Paul Looney (paull@aiaa.org), Mike Beavin (michaelb@aiaa.org)
 - Publications – Norma Brennan (normab@aiaa.org), Rodger Williams (rodgerw@aiaa.org)
 - Programs – Bruno Kisala (brunok@aiaa.org)
 - Education – Lisa Bacon (lisab@aiaa.org)
 - Awards – Aimee Petrognani (aimeep@aiaa.org)
 - Membership – Emily Springer (emilys@aiaa.org)
- Other subcommittees
- Other TCs / PCs
 - ATM Program Committee – Ed Stanton (ed.stanton@lmco.com)
 - Aircraft Operations TC – Shari Krause (SSKrause@aol.com)
 - General Aircraft TC – Bob Davey (rfdavey@csupomona.edu)
 - Product Support TC – Ken Sanger (kenneth.b.sanger@boeing.com)
 - Economics TC – Alfred Wettermark (alfred.b.wettermark@lmco.com)
 - Management TC – Rich Raiford (raifor@mail.northgrum.com)
 - Systems Engineering TC – Stephen Kuehl (kuehl9cs@iquest.net)
 - Digital Avionics TC – Ellis Hitt (hitte@battelle.org)

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Agenda Remarks Administrivia Old business Subcommittee reports Focus topic Future meetings Action items	<h2 style="margin: 0;">Future meetings</h2>  <ul style="list-style-type: none"> • TC meetings for 2003 <ul style="list-style-type: none"> – At ATIO in Denver week of 17 NOV – Between-meeting telecons <ul style="list-style-type: none"> • Tuesday, June 17, 1300-1400 Eastern time • Tuesday, Aug. 26, 1300-1400 Eastern time • Monitor the ATS TC website: http://aiaa.org/tc/ats/ <ul style="list-style-type: none"> – Agendas and updates on these and all ATS TC activities, projects, meeting minutes, TC chart, etc.
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The next TC event is the June 17 telecon. The agenda and call-in number will be distributed in June. All subcommittees will be asked to report:

Public Policy (present draft charter)

Publications (special issue progress)

Programs (potential themes for ATIO '04)

Education (progress with university survey & recommendations for the one-pager)

Awards (list of potential Speas nominees)

Membership (progress on the recruitment front)

If anyone can offer a teleconference number for this one-hour meeting, we could sure use it. The NASA Ames service that we've been using has not been reliable. Please contact Todd if you can help. Thanks!

Homework



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1. Everyone: Consider submitting an abstract to ATIO (May 1)
2. Everyone: Recruit abstracts for ATIO from colleagues
3. S/C chairs: Report on next s/c meeting at June 17 telecon
4. Everyone: Add the following dates to your calendar & make arrangements now to attend:
 1. Telecon Tuesday, June 17 at 1300-1400 EST
 2. Telecon Tuesday, Aug 26 at 1300-1400 EST
 3. ATIO Forum & TC meeting, Nov 17-19, Denver
5. New action items for committees:

No.	S/C	Description	Entered	Due
1	Steering	Respond to <i>Journal of Aircraft</i> : What is our TC mission? What is our vision for the TC? How can the <i>Journal</i> help guide the TC mission and vision?	JAN03	JAN04
2	Memb.	Disseminate list of proposed candidates	APR03	JUN03
3	Memb.	Develop checklist for evaluating nominations	APR03	NOV03
4	Programs	Recommend a theme for ATIO '04	APR03	JUN03
5	Awards	Develop a list of potential Speas nominees	APR03	JUN03

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The meeting was adjourned at approximately 12:10pm.

Thanks to all who were able to attend – and to the rest of you, catch you next time!

Attachments

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Attachment 2



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- Education Subcommittee Charter
 - The objective of the Air Transportation Systems TC's Education Subcommittee is to educate the public, students (pre-college and college), policy makers and professionals as to the impacts of technological, operational, economic and political developments on the air transportation system.
 - Roles and Responsibilities:
 - Promote and conduct appropriate aerospace education activities that can increase the education level of the selected audience
 - Develop educational resources, programs, etc. which can be implemented by AIAA local sections and/or student chapters
 - Review the status of air transportation subject material currently being offered in engineering curricula and advocate how new material may be introduced
 - Develop short courses or textbooks for AIAA

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Other attachments



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- Attachment 3
 - ATS “one pager” (attached separately)
- Attachment 4
 - Current ATS TC roster (attached separately)