



Aviation Technician Education Council

2090 Wexford Court
Harrisburg, PA 17112
Telephone: (717) 540-7121
www.atec-amt.org

President's Update
March 2012

Dear ATEC Members,

In less than six weeks, ATEC members from all over the U.S. will convene in Mesa, Arizona for our annual conference, April 14 – 17, 2012. This year we are bringing back Dr. Mark Taylor for a follow-up session on Millennial students, panel discussions with Industry, special updates from senior leaders at the FAA, pre-conference professional development, a tour of Honeywell, and much more, including some special updates from ATEC on instructional materials and Part 147. If you have not yet registered, we encourage you to do so quickly. We know travel funds have been reduced at many schools – so we have put together a conference to maximize your experience and provide you with new tools to take back to your institution.

ATEC has been expanding its relationship with the American Repair Station Association and we are working with ARSA to promote aviation education. ATEC is working closely with the FAA in a joint working group to move forward with the 147 ARAC recommendations where rule change is not involved, and preparing options for the future NPRM. The working group will be seeking input from members on Sunday, April 15th at a special session before the reception. If you are interested in helping shape the future of aviation technician training, this session is for you.

Conference information is available at www.atec-amt.org or by contacting Dick Dumaresq at the business office by phone or at ccdq@aol.com. I personally look forward to seeing you in Mesa and sharing what your organization has been doing to assist you and your school over the past 12 months.

raymond Thompson
President – ATEC
Raymond.thompson@wmich.edu

GOVERNMENT RELATIONS ISSUES

The Government Relations Committee continues to assist schools with local FAA FSDO issues and problems. For Assistance with local school issues, contact Andrew Smith at atsmith@ksu.edu.

AFS-600 in the Maintenance Testing Standards Committee are meeting at the Mike Monroney Aeronautical Center to update and revise the testing process used by Designated Mechanic Examiners.

AFS-300 is moving Part 147 forward with non-regulatory recommendations listed in the 147 ARAC Final Report submitted several years ago. Sub Group 4 is tasked with the development of the 147 Maintenance Training Review Board and revising AC 147-3A to AC 147-3XX (until numbering is assigned).

INCREASED NEED FOR AMTS

According to several reports, there is to be a significant number of new licensed mechanics required in North America between now and 2030. The number being circulated is 134,800 total new mechanics by the 2030 date. These figures were based on assigning a ratio of certified technicians to support an airplane and then multiply that by the number of airplanes ordered by customers.

In addition to that, globally ICAO in 2011 estimated currently a need for approximately 70,000 new technicians per year to support the aviation industry and current capacity is about 52,000, leaving a shortfall of about 18,000.

Currently in the US, there are about 54,000 FAA certified Mechanics and Repairmen, 14,400 Mechanics with Inspection Authorization and 260 Designated Mechanic Examiners. FY 2011 there were 7,103 oral and practical tests given, 4,824 were coded to a 147 school and the rest tested based on Part 65.77 experience. This testing level activity is lower than several past years. If the downward testing trend continues and the forecasted AMT need trend continues to rise, there could be a serious technician shortage problem in the near future.

INSTRUCTIONAL DVDS

The entire (almost 200) ATEC instructional materials library is now fully converted to DVD format. They are available on the ATEC website, www.atec-amt.org (click on Instructional Materials) with a downloadable form.

The numbering system for ordering is still the same with a “check” qualifier after the number to signify the DVD format.

NOMINATIONS FOR ATEC BOARD

In 2012, ATEC will have three seats open for four year Board terms and three will be appointed one year terms. We will also be voting for president and vice-president in 2012. **Deadline: March 1.**

Send your bio to the ATEC Business Office at ccdq@aol.com.

2012 SCHOLARSHIPS AND AWARDS

The scholarship and award programs being administered by the Northrop Rice Foundation for ATEC schools, instructors, and students for the coming year include:

- Aeronautical Repair Station Association Student Tuition Scholarship
- Snap-On Tool Sets Awards for Students
- AVOTEK Dale Hurst Memorial Scholarship for Instructors
- AVOTEK Book Sets Awards for Students
- Northrop Rice Foundation Instructor Assistance Award
- Northrop Rice Foundation Student Tuition Scholarships
- Wing Aero Book Sets Awards for Students
- NIDA Corporation Training Equipment Award for Schools
- Rotorcraft Enterprises Training Equipment Award for Schools
- FlightSafety International King Air Maintenance Scholarship for Instructors
- Southwest Airlines Boeing Systems/Avionic Scholarship for Instructors
- American Eurocopter Helicopter Maintenance Scholarship for Instructors

Winners will receive their awards/scholarships on April 16 at the ATEC Annual Conference at the Fiesta Resort in Tempe, Arizona (4 miles from the Phoenix Airport).

ATEC COMMITTEES

The following are the Board Committee chairs and their contact information.

<u>Committee</u>	<u>(Co-) Chair</u>	<u>Email</u>
Finance	Bret Johnson	bjohnson@hallmarkcollege.edu
Communications	Tom Hagovsky Paul Herrick	hagovsky@purdue.edu afpeh@uss.alaska.edu
Instructional Materials	David Jones	directoredaim@aviationmaintenance.edu

Member Relations (Blending Industry Relations & Member Services)	Ryan Goertzen Amy Kienast Ivan Livi	rgoertzen@mail.spartan.edu akienast@miat.edu ivan.livi@verizon.net
Call for Presentations	Ryan Goertzen	rgoertzen@mail.spartan.edu
Awards	Nick Herman	nicholasherman949@mail.com
Nominations	Andrew Smith	atsmith@ksu.edu

For a complete list of all committee members, go to www.atec-amt.org and click on Committees.

CONFERENCE REGISTRATION PACKAGE

Attached is the Conference Agenda for ATEC 2012 at the Fiesta Resort, Tempe, Arizona (4 miles from the Phoenix Airport) April 14-17.

NOTE: IA Renewal Training is on Saturday, April 14, at the Fiesta Resort and the Bus Trip on Tuesday from 1:00-4:00 PM will be to the Honeywell plant.

CONFERENCE TOUR – TUESDAY, APRIL 17

The April 17 Conference Tour has been finalized. The bus will leave from the Fiesta Resort at 1:00 PM and return at 3:30-4:00 PM from the Honeywell Engine Facility.

The tour will consist of three Product Lines and Test Cells:

- Commercial Propulsion (CP)
- Military Helicopter (Helo)
- Auxiliary Powers Units (APU)
- 29 Test Cells

Tour Information:

Identification: driver's license or government ID

Restrictions: any non-US Citizens will have to be identified prior to touring as the tour may consist of ITAR restricted material

Tour Length: approximately 1 hour

Photos: no photos allowed inside facility but we can take a group photo in a non-production area

Attire: no bare shoulders, pants required, closed toed/heeled shoes with a maximum of 1 inch heel

For security reasons all bus tickets must be purchased prior to the conference with your conference registration. Limit 35 people.



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TO: ATEC Members
FROM: Raymond Thompson
President
RE: ATEC April 2012 Update

PRESIDENT'S REPORT

Part 147 Working Group

Mr. Steve Douglas, the new head of AFS-300, had taken leadership in moving forward with as many of the 147 ARAC recommendations as possible that do not require rule change now, as well as begin to review and prepare for those recommendations that do require rule change when the NPRM comes forward in the near future. Four subgroups have been formed: 1) creating an operating specification model for 147 schools; 2) piloting distance education at three institutions; 3) providing guidance on 8900 and AC 147 updates; and 4) providing an outline of topics for a dedicated 147 training course for PMI's. ATEC members are co-chairing each of these subgroups with an FAA counter-part.

Aeronautical Repair Station Association & ATEC

Part 145 operations are one of the best entry points for our graduates and ARSA is the best vehicle for connecting with 145's on a large scale. ARSA is operating a project called the Positive Publicity Campaign, to raise awareness of aviation maintenance operations. As a result of working with ATEC, ARSA is considering adding workforce development issues to the campaign and their legislative agenda. ARSA invited your president to be a keynote speaker at their leadership symposium in October 2011 and Ryan Goertzen and I to present at a panel on workforce development and working with schools at their annual conference in March 2012. A further result of our growing relationship is that I am writing a monthly article for their electronic newsletter on all aspects of 147 schools – from recruiting to hiring our graduates.



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Upping Our Game

Over the next 12 months, ATEC will be working hard to provide improved services to the membership. Some of our initiatives will be:

- Improved website and content area
- Crafting a legislative message that supports schools
- Increased collaboration with ARSA
- Review of internal processes and structure to improve operations
- Increasing committee level work and involving more ATEC members
- Gather new school data to assess our segment of aviation education

As someone who has worked with ATEC in varying capacities for many years, I don't recall a time when your organization has been as involved on the national level as we are today. Part of that is maturity of the organization of course, but most of that is the hard work by dedicated Board members and ATEC members. I appreciate the time and service from all of you who work on behalf of ATEC.

ATEC CONFERENCE RECAP – APRIL 14-17

Over 115 participants from 66 schools, 28 exhibitors from 15 companies and 8 speakers attended the 2012 ATEC Conference in Tempe, Arizona.

This was the first attendance increase since the start of the recession when we saw our first drop in attendance.

GOVERNMENT RELATIONS COMMITTEE (GRC) AND 147 ISSUES

The top issue for GRC is the 147 Final Report where ATEC is taking the lead and encouraging the FAA to move forward with recommendations not requiring regulation change. ATEC members and other industry volunteers are now working as part of an FAA Work Group broken down into four Sub-Groups as listed:



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Sub Group 1 – Development of the 147 Operations (Training) Specifications

Point of Contact – Chuck Horning

Sub Group 2 – Distance Education, beta testing and guidance for surveillance

Point of Contact – Ryan Goertzen

Sub Group 3 – 147 PMI Standardization Training Course

Point of contact – Tim Guerrero

Sub Group 4 – Maintenance Training Review Board and AC 147-3A revision

Point of Contact – Andrew Smith

Schools needing assistance with FAA inspector issues, contact Andrew Smith at atsmith@ksu.edu.

INSTRUCTIONAL MATERIALS COMMITTEE

AMT Instructional DVDs

The entire (almost 200) ATEC instructional materials library is now fully converted to DVD format. They are available on the ATEC website, www.atec-amt.org (click on Instructional Materials) with a downloadable form.

The numbering system for ordering is still the same with a “check” qualifier after the number to signify the DVD format.

While ATEC has almost 200 DVDs for purchase, the ATEC Board of Directors and the membership recognize that there is a wealth of information available from our own membership. This type of curriculum sharing can benefit everyone. This year’s emphasis has been on determining a process where the rights of contributors can be protected, and a method that the material can be made available via electronic distribution to our membership.

This summer, we hope to begin loading our new ATEC website with a wide range of classroom materials in a password protected section for ATEC member schools only.



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MEMBER RELATIONS COMMITTEE

The main goal was to re-define the focus of several committees that served various areas of ATEC membership. After much discussion, there was a decision to combine three committees (member services, industry relations, and scholarships) to create an all-encompassing committee called *Member Relations*. With the creation of this new committee, eight goals were defined for the upcoming year. Due to the aggressive goal structure of the committee, Amy and Ryan have volunteered to co-chair this group.

The eight goals are:

1. Develop 10 new industry partners
2. Increase vendor participation with ATEC and the conference
3. Create new marketing materials to promote ATEC
4. Assist with a content management portal system
5. Develop four educational webinars
6. Research and define a more efficient membership contact system
7. Increase industry-based scholarships
8. Develop an industry advisory board

We are looking for additional ATEC members to take an active role in the Member Relations Committee and help move the eight goals to successful outcomes. Contact Amy at akienast@miat.edu or Ryan at rgoertzen@mail.spartan.edu.

NEW ATEC WEBSITE

The Communications Committee of ATEC has been primarily working to improve the organization's web presence. A beta site was unveiled at the Conference for comment.

The Committee, with Board approval, chose Weebly web design services to develop the new website. Weebly is an online design platform which allows the user to employ web design tools to create and manage their own website. The functionality and features of Weebly, along with its ease of use have shown that it meets the organization's needs and should improve both external and internal service, plus allow for instructional material file sharing.



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The Committee has developed the framework for the new website and has begun placing content. It is planned that the site will be available by late summer.

ATEC COMMITTEES

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<u>Committee</u>	<u>(Co-) Chair</u>	<u>Email</u>
Finance	Bret Johnson	bjohnson@hallmarkcollege.edu
Communications	Tom Hagovsky	hagovsky@purdue.edu
	Paul Herrick	afpeh@uss.alaska.edu
Government Relations	Andrew Smith	atsmith@ksu.edu
Instructional Materials	David Jones	directoredaim@aviationmaintenance.edu
Member Relations	Ryan Goertzen	rgoertzen@mail.spartan.edu
(Blending Industry Relations & Member Services)	Amy Kienast	akienast@miat.edu

For a complete list of all committee members, go to www.atec-amt.org and click on Committees.

STRETCH YOUR TRAVEL DOLLAR IN 2013

Mark your calendar for April 13-17, 2013. The ATEC Conference at the Orlando Wyndham Resort, adjacent to downtown Disney will be the central focus for several professional development opportunities.

April 13 – IA Renewal – Wyndham
April 14-16 – ATEC Conference – Wyndham
April 17 – DME Renewal – Wyndham
April 17-20 – WATS Conference in Orlando



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TO: ATEC Members
FROM: Raymond Thompson, President
RE: ATEC November 2012 Update

A handwritten signature in blue ink, appearing to read 'Ray Thompson', is written over the 'FROM' line of the email header.

PRESIDENT'S MESSAGE

2012 has been a busy year for ATEC. Your organization has played a leading role on the FAA-Industry Part 147 Working Group. We have revamped our website. Plans for an excellent conference in April 2013 are nearly finalized. Our outreach to industry and key organizations that employ your graduates have provided ATEC with additional support and opportunity. These items illustrate some of the things ATEC is doing to better serve our members.

However, much still needs to be done. We need to continue to work with industry to promote careers in aviation maintenance and ways for industry to better support schools. We need to continue our efforts to improve service to our members. We have made great starts in all these areas but need to sustain our efforts.

Ultimately, ATEC is the voice of its members. At the April 2013 conference in Orlando, we need all our members to provide input on the proposed 147 curriculum from the ARAC. We are moving closer to rule making and the proposed changes impact every school. Considering those recommendations were made in December 2008, it is time for a review those recommendations before going to rule. Operations specifications will be coming in 2013. Implementation should make your interface with the FAA smoother and more responsive. We will provide training on how to implement these in Orlando.

ATEC is being asked to provide input to the FAA in all areas of Part 147. From curriculum, to best practices, to suggesting guidance language, to OpSpecs and the review board, ATEC has never been so involved with the FAA and Industry working for you.

I look forward to seeing all of you in Orlando in April to continue hearing your voice as we work together for all.

Raymond Thompson

PART 147 ARAC WORKING GROUPS COMPLETE THEIR FACE TO FACE WORK

In September 2012, the FAA-Industry Part 147 Working Group concluded their face-to-face work in Washington DC. The working group was tasked with working to implement the ARAC recommendations that do not require specific rule change and to prepare for rule change.

The working group has completed a draft set of operating specifications for Part 147 along with updating the 8900.1 guidance for the current rule. AC 147 was reviewed and updates proposed



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to better match guidance and include distance education. The Maintenance Training Review Board structure was finalized and it is in the review process with the FAA. The beta test for distance education has begun with one AMTS and two more schools are in the review process.

ATEC is a strong supporter of allowing schools to use distance education where appropriate. At this time, the beta test is limited to the three schools in the process. We anticipate that guidance relevant to using distance education will be available in late 2013.

At the April 2013 ATEC conference, there will be sessions for schools to review the ARAC curriculum recommendations and generate a best practice listing for use in the revised AC 147. Don't miss out on this opportunity to have your voice heard in the discussion.

ATEC MEETS WITH HAI

ATEC Board members had an opportunity to meet with executive staff at the HAI (Helicopter Association International) headquarters in Alexandria, Virginia on Friday, September 14, 2012, to discuss a strategic partnership for 2013. The HAI Executive team was excited to learn more about the ATEC organization and engage in conversation on how we can work together. Several exciting initiatives were discussed and an action item list was developed. Updates will be shared with membership throughout the year.

GOVERNMENT RELATIONS

Based on direct ATEC correspondence with AFS-600 Oklahoma City, we have learned that the Aviation Technician General computerized knowledge test will begin testing over the new Chapter 14 Human Factors supplement starting this October. Be sure to prepare your students who test soon in their process of achieving their certification to know this material. Here is the link to the Chapter 14:

http://www.faa.gov/library/manuals/aircraft/media/AMT_Handbook_Addendum_Human_Factors.pdf

ATEC-RACCA PARTNERSHIP IDEAS

The following are some of the items being discussed with RACCA to enhance our partnership connections:

- ATEC may exhibit at RACCA annual conference; RACCA may exhibit at ATEC annual conference
- Work together on a "best practice" marketing campaign to showcase RACCA careers
- RACCA may do a webinar to educate schools on a topic relevant to air cargo operations/industry
- Promote RACCA scholarships via ATEC website
- RACCA members will be asked to provide BER items that can be used in the schools for training



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- RACCA members will be asked to open facilities up for tours/field trips for ATEC schools
- Discussion about skills that are needed/lacking in new hires and how to create a new pool of candidates

DID YOU UPDATE YOUR SCHOOL PROFILE?

Be sure your school's information is current on the ATEC website.

It's easy and all electronic.

Go to www.atec-amt.org. Click on "Schools/Members" on the top menu bar. Click on "Member Info Update" in blue. Fill in the information and click "Submit" at the bottom.

We will make the changes on the website once we receive your information.

STUDENT AND EDUCATOR OF THE YEAR AWARDS

Attached are the criteria for the Jim Rardon Student of the Year and Ivan Livi Educator of the Year awards.

Full application packets can be found at www.atec-amt.org. Click on "Scholarships/Awards".

The deadline for applications is **January 31, 2013**.

ATEC WEBSITE PASSWORD (Keep in a Safe Place)

A protected section of the website has been designed for members only. The password is "atecnew".

IA RENEWAL AT ATEC CONFERENCE

On April 13, 2013, the AMT Society will sponsor an IA Renewal workshop at the ATEC conference hotel, the Wyndham Buena Vista Drive Resort.

IA Renewal registration at: <http://www.amtsociety.org/roadshow.jsp>

ATEC CONFERENCE AGENDA – MARK YOUR CALENDAR!

The April 13-16, 2013 preliminary conference agenda is attached and can also be found at www.atec-amt.org.

A complete conference agenda packet will be uploaded to the website and mailed to members prior to Thanksgiving.



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ATEC 2013 will be held at the Wyndham Buena Vista Drive Resort – one block from downtown Disney and a short walk to Pleasure Island.

ATEC BOARD NOMINATIONS

Attached is the Board nomination form which also appears on the website – www.atec-amt.org. Members interested in running for the Board should:

1. be sure they have full support from their Dean or department head to take on a board role in ATEC
2. be able to attend one Board meeting in September in Washington, DC
3. be committed to bi-monthly conference calls
4. serve actively on at least two Board committees
5. complete the projects they have agreed to work on
6. attend the annual conference/Board meeting in April

CALL FOR PRESENTATIONS

Attached is the Call for Presentations flyer which also appears on the ATEC website.

ATEC MEMBERSHIP BOUNCES BACK

Since the start of the recession in 2008, ATEC memberships have been either flat or trending down. But in 2012, we saw the first positive up tick.

The following is the membership reports for 2011 and 2012:

<u>2011</u>		<u>January 1-September 10, 2012</u>	
Institutional	93	Institutional	103
Individual	7	Individual	3
Industry	14	Industry	21
Life	<u>9</u>	Life	<u>9</u>
TOTAL	123	TOTAL	136

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To access member only sections of the site, the password is "atecnew".

ON-LINE AD POSTINGS

Don't forget to post your ads, position announcements, swaps and trades on www.atec-amt.org. Click on "Member Services".

NRF \$SCHOLARSHIP\$ AND EQUIPMENT

Tens of thousands of dollars in scholarships and equipment are available for students, faculty and schools.

Click on "Scholarships" on the ATEC website.

ARE YOU RECEIVING ATEC BULLETINS?

If you have not been receiving ATEC alerts, announcements and webinar information, send your email to ccdq@aol.com. We'll get you on the email list.