



Aviation Technician Education Council

2090 Wexford Court
Harrisburg, PA 17112
Telephone: (717) 540-7121
[http: atec-amt.org](http://atec-amt.org)

FEBRUARY 2010

RE: ATEC UPDATE
TO: ALL MEMBERS
FROM: LAURIE JOHNS, PRESIDENT

147 NPRM

Attached is a letter from ARAC Co-chair, Ray Thompson, describing the current situation with the 147 NPRM.

SCHOLARSHIPS ON THE WEBSITE

Be sure to apply for all the **awards, scholarships and grants** for faculty, students and schools on the ATEC website www.atec-amt.org. There is almost \$15,000 in available donations. **MOST DEADLINES ARE MARCH 1.**

INSTRUCTIONAL DVD'S

The entire (almost 200) 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. You can also continue to order video tape format materials if you choose.

YOUR INSTITUTIONAL LISTING NEEDS TO BE UPDATED

Please go to www.atec-amt.org. Click on 147 Institutional Members then click on your state.

Review your listing for accuracy. If it needs to be changed, print it out, make changes and fax it to 717-540-7121 by February 26, 2010. Be sure to check contacts and contact information.

50 YEARS OLD IN 2010

ATEC will celebrate 50 years of service to AMT schools and students at its Annual Conference, April 11-13, 2010 in Mesa, Arizona.

For Conference general information, see the attached information or go to the website www.atec-amt.org and click on 2010 Conference.

The final Agenda is included in this mailing.

ATEC MEMBERSHIP

ATEC closed out the 2009 membership year with 106 institutional members and 21 industry members.

Please be sure to rejoin ATEC in 2010. Go to www.atec-amt.org for membership applications.

GOVERNMENT RELATIONS (GR)

Government Relations Chairman, Andrew Smith, dialogued with FAA Eastern Region, Flight Standards Division – Technical Branch concerning a specific school operation. The FAA PMI seemed to have misguided concerns about FCC classes being offered by the same school providing Part 147 training, disruption of training cycle, the use of “Approved” in literature and when this school would issue AMTS certificates. Followed up with Ed Hall ASF-300 concerning this school issue and then visited with the Educational Director of the school involved. The outcome went well. Also, another issue raised during this concern was FAA personnel ratio to school personnel during initial meeting was presented to ASF-300 as overkill.

The GR Committee assisted another member school with moving General curriculum into Airframe courses to help make the semester flow better.

The GR Committee assisted a new startup school with General curriculum and operation advice and encouraged this school to become an ATEC member school.



Raymond E. Thompson
Associate Dean

February 1, 2010

Part 147 ARAC Update

Dear ATEC Member Institutions,

I hope 2010 is off to a positive start for each of you. Many of you have been inquiring about the FAR Part 147 ARAC process. Let me take a few moments to update you on the status of the ARAC.

The Part 147 ARAC Working Group was commissioned in summer 2007. The group consists of representatives from all levels of aviation maintenance schools, industry and professional organization representatives, and the FAA. Our recommendations were targeted for submission in mid-2008. The working group requested, and was granted, an extension of that deadline to December 31, 2008. Our final recommendations were submitted in early December 2008 to the ARAC Executive Committee. The committee accepted our recommendations and the package was moved into the legal and economic analysis phase to followed by creation of an NPRM. During this process, ATEC was provided opportunity for input and several current ATEC board members and ATEC member institution representatives are part of the working group. ATEC provided excellent input and the working group acknowledges their contribution with thanks.

During 2009, several events occurred that have slowed the process of finalizing and publishing the NPRM. The country changed administrations and a new cabinet and head of the FAA had to be confirmed. Several high profile events/accidents occurred that have received considerable attention in congress, with hearings and proposed legislation now being acted upon. The FAA has been tasked to immediately respond to these events. Other areas being worked, including the 147 ARAC, have been placed on a 'hold' status while these immediate safety issues are addressed.

What does this mean? The FAA has a priority system for proposed rule changes and other actions. Priority A items are those with the highest priority and have the shortest timeline for completion or action, i.e. as soon as possible. The Part 147 ARAC is a priority A item. Priority B items are items of interest, but less pressing and typically have an 8-12 year timeline for implementation. The FAA also uses a 'dashboard' that keeps priority items under weekly review for status and action. Being placed on 'hold' means that all available FAA resources are currently placed on items of more immediate importance due to safety or congressional mandate than Part 147. Our status is reviewed weekly and those in the FAA who have to direct available resources know we are sitting there waiting our turn in the queue. Our hold status is not to be taken that the process has been shelved or terminated. Similarly, each of us organize our time at work to take care of the most pressing matters first. We haven't forgotten or canceled the other projects, they simply have to wait until later.



I wish I was able to provide you with a specific date for the NPRM to be published. That is not possible. However from my discussions with the FAA, our A priority status, and the weekly visibility we receive from FAA leadership, I am fully confident we will see the recommendations move to the NPRM stage as soon as resources are available.

In the meantime, we periodically review our recommendations for improvement. While we wait for the NPRM, the working group would welcome additional review and input from ATEC institutional members. I will, along with several working group members, will be attending your annual conference in Phoenix in April 2010. I will provide an additional update at that time and field any questions or comments you may have. The FAA has placed the full recommendation on their website at the link below in PDF format. We encourage your school to download and review our work.

http://www.faa.gov/regulations_policies/rulemaking/committees/armac/exec_comm/media/EC_AM_T1.pdf

In summary, the Part 147 ARAC is still in process. The FAA is as interested in moving this forward as each of you are. Once any new rules regarding pilot fatigue, safety, and training are complete, I fully anticipate our coming off 'hold' status. Let me caution you however that this may, or may not happen this year. AVS-300, the FAA arm we directly work with, has done everything necessary to move the process forward. Both Mr. Ferrin Moore, and especially Mr. Ed Hall, have spent a tremendous amount of their time working with and for the 147 ARAC working group. Their strong support was critical to our work.

As chair of the Part 147 ARAC working group, I will continue to monitor our status closely. Review the full recommendations and discuss them in your school and with colleagues at the ATEC annual conference. We look forward to hearing from you in Phoenix.

Your patience is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Raymond E. Thompson".

Raymond Thompson
Chair, Part 147 ARAC Working Group
Raymond.thompson@wmich.edu

SCHOLARSHIPS AND AWARDS SPONSORS

Programs Administered by the Northrop Rice Foundation for ATEC Schools, Instructors, and Students.

PROGRAM	SPONSOR	AWARD
S&K Tool Scholarships	S&K Hand Tool Co.	3 Sets Aviation Tools
Wing Aero Aviation Books Scholarships	Wing Aero Products Co	2 Sets Aviation Books
NIDA Equipment Award	NIDA Corporation	School Training Equipment
Start Pac Award	Rotorcraft Enterprises	School Training Equipment
Dale Hurst Memorial Scholarship	AVOTEK	Instructor Financial Assistance
AVOTEK Aviation Book Scholarships	AVOTEK	5 Sets Aviation Books
Northrop Rice Foundation Instructor Assistance Program	Northrop Rice Foundation	Instructor Financial Assistance
James Villnave Memorial Scholarship	James Villnave Charitable Trust	Student, Instructor, Veteran Financial Assistance
Cliff Ball Wing OX5 Aviation Pioneers Scholarships	Cliff Ball OX5Wing Pittsburgh, Pa	Student, Instructor, Veteran Financial Assistance
King Air Maintenance Course	FlightSafety International	Instructor Training Course
Boeing 700 Series Systems And Avionics Courses	Southwest Airlines	Instructor Training Courses
Ivan D. Livi Outstanding Educator of the Year	ATEC	Instructor of the Year Award
James Rardon Outstanding Student of the Year	Northrop Rice Foundation	Student of the Year Award



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APRIL 2010

RE: ATEC UPDATE
TO: ALL MEMBERS
FROM: RAYMOND THOMPSON, PRESIDENT

PRESIDENT'S MESSAGE

As another term comes to closure for your institution, I would like to reflect briefly on the past year. ATEC concluded another successful conference in April. Educators from all types of 147 programs were interacting and learning, providing each other with new ideas and energy. ATEC successfully advocated on behalf of several schools with the FAA. We anticipate a number of new industry technical training tools coming available soon.

However, with looking back comes looking forward. Over the next 12 months, ATEC will be reexamining its role and purpose, looking to better serve its member institutions. We seek to continue growing our relationship with the FAA and expanding our industry connections. We will be seeking feedback from each of you to understand how we can better serve your needs, what resources our website should provide, and what activities enhance our conference so it is at the top of your "must attend" list. In difficult economic times, ATEC wants to ensure that your membership provides a real benefit to your institution and faculty.

I look forward to interacting with many of you and seeing you in Orlando in April 2011. Best wishes for continued success.

Raymond Thompson, ATEC President
Associate Dean, Western Michigan University

ATEC 50TH ANNIVERSARY CONFERENCE – APRIL 11-13

Despite tight budgets and a difficult economy, the ATEC Conference showed surprising strength. There were 104 participants from 66 AMT schools and 28 exhibitors from 15 companies. Ten spouses and guests also attended the awards luncheon.

At the awards luncheon ceremony, several dozen scholarships and awards were presented to faculty and students at ATEC member institutions through a partnership with the Northrop-Rice Foundation.

The five top rates presentations at the Conference were (in rank order):

1. PART 147 ARAC and FAA Update
2. The PurePower PW 1000G (geared turbofan) Engine
3. Boeing and Emerging Technologies
4. New Trends and Technologies in Rotary Wing Aircraft
5. PART 147 Curriculum: Keeping AMT Learners in the Zone

One hundred percent of the attendees rated the hotel facility as Very Good (74%) or Good (26%).

The exhibit area was rated Very useful or Useful by 99.8% of participants.

MARK YOUR CALENDAR NOW FOR APRIL 10-12, 2011 WHERE ATEC WILL BE HELD AT THE INTERNATIONAL PALMS RESORT IN ORLANDO, FLORIDA. . . PLUS AT THE SAME HOTEL ON APRIL 9 THERE WILL BE AN IA RENEWAL PROGRAM AND ON APRIL 13, DME RENEWAL PROGRAM.

One trip...three professional activities.

April 9	IA Renewal
April 10-12	ATEC Conference
April 13	DME Renewal

147 ARAC

Based on meetings with the FAA, all indications point to PART 147 becoming an NPRM in 2010. Once the proposed rule is released, we will have a period of time, 60-90 days, to comment with any final suggestions.

ATEC will then be providing curricular suggestions and options to schools for adapting and fine-tuning A&P programs.

ATEC MEMBERSHIP AND FINANCES

After the first quarter of our 2010 fiscal year, ATEC institutional membership stands at 74. Industry membership is 22. A tight economy and institutional budget cuts have led to slow ATEC membership renewal this year.

Fiscally, in 2009, despite good cost controls, ATEC had a small deficit of \$5,000. In 2010, however, we are projecting a \$3,100 surplus if we meet all our revenue projections.

GOVERNMENT RELATIONS

The Government Relations Committee assisted four schools this past year with FAA issues that needed to be resolved.

If you have a school issue that does not seem able to be resolved at the local level, contact Andrew Smith at atsmith@ksu.edu.

NEW BOARD MEMBERS AND OFFICERS

Congratulations to newly elected Officers and Board Members:

President:	Raymond Thompson, Western Michigan University
Vice President:	David Jones, Aviation Institute of Maintenance
Board Member:	Clint Grant, Tarrant County College
Board Member:	Tom Hagovsky, Purdue University
Board Member:	Gary Hoyle, Pittsburgh Institute of Aeronautics
Board Member:	Andrew Smith, Kansas State University at Salina

The meeting of the ATEC Board is on May 26 at 3:00 PM EDT via conference call.

ATEC DVD LIBRARY – ADDITIONS COMING

Airbus recently agreed to provide ATEC with a new set of DVD's. We hope to have them in hand by this summer and will be offering them for sale as soon as they are cataloged.

Currently, ATEC has almost 200 instructional DVD's for sale at \$10 and \$20 plus shipping.

Go to www.atec-amt.org and click on Curriculum Resources.

INSTITUTIONAL CONTACTS

Check the website www.atec-amt.org then click on Members to be sure that your institutional information is correct along with your contact person. Send any corrections to ATEC at ccdq@aol.com or info@atec-amt.org or fax changes to (717) 540-7121.

STUDENT OF THE YEAR

The recipient of the 2010 Student of the Year Jim Rardon Award was Mabel Hinton from Middle Tennessee State University. The award was presented at the April Conference by the Northrop-Rice Foundation. The award included a small cash stipend, conference registration, hotel accommodations and air transportation to Mesa, Arizona.

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2010 SCHOLARSHIP AWARDS

S&K TOOL SCHOLARSHIPS

1. John Humbleton – Utah State University
2. Wesley Anderson – Tarrant County College
3. Nick Duzan – Aviation Institute of Maintenance – Indianapolis

WING AERO SCHOLARSHIPS

1. Leonard Altman – Hallmark College of Aeronautics
2. Raul Toscano – Hallmark College of Aeronautics

VILLNAVE SCHOLARSHIPS

1. Shane Cox – Aviation Institute of Maintenance – Dallas
2. Michael Rogers – Hallmark College of Aeronautics
3. Michael Bell – North Central Institute
4. Travis Campbell – Pittsburgh Institute of Aeronautics
5. Michael Tsegai – Pittsburgh Institute of Aeronautics
6. Megan Pulaski – Vincennes University
7. David Roach – Vincennes University
8. Felix Yanez – Aviation Institute of Maintenance – Houston
9. Christopher McAtee – Salt Lake Community College
10. Dennis Drum – Veteran USMC
11. Bradley Ward – Instructor – Hallmark College of Aeronautics

AVOTEK BOOK SCHOLARSHIPS

1. Alex Prendergrass – Tulsa Tech Center
2. Megan Pulaski – Vincennes University
3. William Cheek – Guilford Technical Community College
4. Jason Ridenour – Idaho State University

DALE HURST SCHOLARSHIP

Sheryl Oxley

NIDA CORPORATION AWARD

Lake Area Technical Institute

FLIGHTSAFETY SCHOLARSHIP

Joseph Dudek – Del Mar College

ROTORCRAFT ENTERPRISES AWARD

Del Mar College

SOUTHWEST AIRLINES SCHOLARSHIP

Sergio Delarosa - George T Baker Aviation School



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SEPTEMBER 2010

RE: ATEC UPDATE
TO: ALL MEMBERS
FROM: RAYMOND THOMPSON, PRESIDENT

A handwritten signature in blue ink, appearing to read 'Ray Thompson', is written over the name 'RAYMOND THOMPSON, PRESIDENT'.

SEPTEMBER FAA MEETING

On September 10, 10 ATEC Board members met with Dan Bachelder, Murray Huling and Ed Hall, representatives of the FAA, AFS300 Aircraft Maintenance Division. They discussed the following issues:

1. PART 147 ARAC transition to an NPRM.
The 147/ARAC final report is still on hold at least until 2012. Other higher priority rule changes have been placed ahead of 147.
2. Encourage the transition of FAA Form 8610-2 into the IACRA or some other form of electronic processing and filing system.
In an email from AQS-232 Development Services Section Oliver Jaksons to Ed Hall the 8610-2 will be built into and added to the IACRA revision package beginning on or about December 8, 2010.
3. Encourage ways to make the Oral & Practical testing process less time consuming (average General, Airframe & Powerplant is 20 hours).
No movement in this area at this time; discussion about the PTS and core competencies being relative new to the testing process time and DME creativity may help in this area. DME renewal is also encouraging margining practical projects together as ways to speed up the test.
4. License and certificate terminology.
The FAA does issue Commercial Space Licenses for operations including launch and recovery, however, the FAA Mechanic document is a Certificate, not a license.
5. Discussion of Submission of School Graduation List to be electronically transmitted per John Allen's memo June 24, 2010.
The memo is under revision and will be sent out soon with clarity on procedure and process. This directive will assist the FAA with better school data for analyses.

6. Discussion about age requirement for General, Airframe and Powerplant Written/Knowledge Testing.

Presented as an idea from a 147 high school program about dropping the 18 years of age requirement for knowledge (computerized) testing. The FAA will be looking into this as a possible regulation change.

RAA MEETING

ATEC Board members met with Roger Cohen, President of RAA and Kelly Murphy, media staff to discuss how ATEC and RAA can help one another.

Ray Thompson discussed connecting RAA members as employers of our ATEC school graduates and the value of partnership with RAA. Ray shared that ATEC would be better conduit to RAA members in the employment process for aviation maintenance professionals and provide more RAA information back to ATEC schools.

Also discussed were pilot and mechanic shortages.

Roger Cohen stated RAA's desires for focus on education are: Strive to teach good work ethics, increase student knowledge in advancing technologies, let students know that RAA member airlines are good career opportunities, teach and demonstrate team-oriented work. Roger shared that RAA member airlines have matured and grown much more than expected or perceived and they operated 21st century, leading technology equipment.

ATEC and RAA plan to work together. RAA offered some article space to ATEC in the REGIONAL HORIZONS publication and ATEC is planning to invite some RAA members to the Orlando ATEC Conference for network interaction and to present RAA topics.

BOEING PROJECTS ONE MILLION AVIATION JOBS

Boeing reports that the airline industry will need to hire more than one million workers globally over the next 20 years to prepare for a wave of 30,000 new aircraft.

The airlines will need to hire 466,650 pilots and 596,500 maintenance crew workers between 2010 and 2029, the aircraft maker said.

That means the industry will need an average of 23,300 new pilots and 30,000 maintenance workers annually from now until 2029, the company said.

“Our challenge is adapting our training to engage the future generation of people who will fly and maintain the more than 30,000 airplanes that will be delivered by 2029,” said Roei Ganzarski, chief customer officer for Boeing Training & Flight Services, in a statement.

The largest need for new personnel is in the Asia-Pacific region, where about 180,000 pilots and 220,000 maintenance workers will be required, the company said.

In North America, the commercial airline industry will need about 97,000 pilots and 137,000 maintenance crew members, Boeing said. Similar numbers will be needed in Europe.

SERVE ON THE ATEC BOARD

The ATEC Board Nomination Form is attached. Several seats are open for April 2011. If you are interested in placing your name in nomination, complete the enclosed form and fax or mail it as indicated on the form. Voting will take place at the Conference in Orlando, Florida, April 10-12, 2011.

CALL FOR PAPER PRESENTATIONS

If you have a technical classroom related presentation that you would like to present at the April 10-12 Conference, see the attached application information and return it by **December 1, 2010**.

SCHOLARSHIPS ON THE WEBSITE

Be sure to apply for all the **awards, scholarships and grants** for faculty, students and schools on the ATEC website www.atec-amt.org. There is almost \$15,000 in available awards.

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YOUR INSTITUTIONAL LISTING NEEDS TO BE UPDATED

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Review you listing for accuracy. If it needs to be changed, print it out, make changes and fax it to 717-540-7121 by December 3. Be sure to check contacts and contact information.

EDUCATOR AND STUDENT OF THE YEAR AWARD NOMINATIONS

Included in this Update are the letters announcing the two major ATEC awards to be presented at the ATEC Conference, April 10-12, 2011 in Orlando.

To download the application materials, go to www.atec-amt.org. Click on Livi (Educator) and Rardon (Student) awards. The deadline is **February 1, 2011**.

ATEC HELPS AMT SCHOOLS

During 2010, the ATEC Government Relations Committee assisted three schools with a variety of FAA problems, including curriculum issues, program start-up and the issuance of certificates.

ATEC 2011 CONFERENCE AGENDA ENCLOSED

Mark your calendar now for April 10-12, 2011 where ATEC will be held at the International Palms Resort in Orlando, Florida...Plus at the same hotel on April 9 there will be an IA Renewal Program and on April 13, DME Renewal Program.

One trip...three professional activities.

April 9 – IA Renewal
April 10-12 – ATEC Conference
April 13 – DME Renewal

ATEC PLANS NEW INITIATIVES

At our September meeting, ATEC Board members spent six hours developing a strategic plan for the next two years.

The Board:

- set priorities around improved communication
- developed greater outreach programs to industry and suppliers
- began to develop a clearinghouse of information on employment, equipment exchange, more curriculum and instructional materials

As part of the outreach plan, Ray Thompson and other Board members will attend the NBAA annual meeting in October with an ATEC booth to raise awareness of ATEC and highlight the benefits for companies in joining ATEC.