



## Aviation Technician Education Council

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

**FEBRUARY 2007**

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

### **ATEC CONFERENCE**

The finalized Agenda for the ATEC Conference, April 1-3, at the International Drive Holiday Inn Resort in Orlando is attached along with the registration material.

### **PMI HANDBOOK**

The PMI Handbook related to PART 147 schools is being updated by the FAA.

ATEC has been asked to provide input regarding suggested changes. Unfortunately, the FAA has given us a very tight timeline – February 1 – to respond. As a result, the members of the ATEC Board will be providing input to the FAA.

If you have a particular change or recommendation, e-mail it to Ray Thompson at [ret@purdue.edu](mailto:ret@purdue.edu) as soon as possible and we may be able to get your suggestion included.

### **5 YEARS OF ATEC ACCOMPLISHMENTS**

The following are what ATEC has accomplished since 2001. Most are ongoing initiatives that continue to enhance our relationship with the FAA and Industry.

- Implemented the PART 147 School Survey with the results sent to the media, other associations, FAA and lawmakers
- Developed aid and scholarship programs for students and instructors in cooperation with AVOTEK, Wing Aero, S & K Hand Tool and NIDA Corp.
- Symposium with FAA and Industry to improve the AMT career field
- Implemented the electronic ATEC Journal sent to over 600 individuals
- Enhanced the ATEC Website ([www.atec-amt.org](http://www.atec-amt.org))
- Developed the AC 147-3A with the FAA

- Held ATEC-FAA Listening Sessions to gain input on the new AC
- Developed FAQ's with FAA that are posted on the Website
- The ATEC Reserve Fund is at the goal level
- ATEC is in the process of converting the learning repository video to DVD format
- Expanded continued education for instructors at the Conference
- Increased ATEC Industry memberships and Industry participation on ATEC Board
- Created an information clearinghouse on the Website info@atec
- Developed an Industry brochure to recruit Industry members
- Created an International member category and outreach initiative
- Expanded ATEC's association with other professional aviation organizations

### **ATW DAILY NEWS**

On December 7, the US Congress passed legislation to create a federal Interagency Aerospace Revitalization Task Force charged with reversing the US's decline in aviation manufacturing workers. According to the Aerospace Industries Assn., which lobbied for the bill's passage, there is an "ominous shortage [of] younger, technically skilled professionals in the aerospace industry." Average age of aerospace manufacturing workers in the US now exceeds 50 and 27% of the workforce will become eligible for retirement in 2008, AIA said. The Senate easily approved the bill, already passed in the House, and it now goes to President Bush for expected signing into law. It directs 11 federal agencies, led by the Department of Labor, to form a task force to develop strategies to expand public and private aerospace job training programs. "It's hard to overstate how important this bill is to the aerospace industry and our nation's security and economic health," AIA President and CEO John Douglass said.

ATEC will seek involvement in this new initiative.

### **NEW MEMBER SERVICES**

Training Opportunities – CAT will have a link on the ATEC website so that ATEC members can access the CAT Annual Training Sourcebook. The Sourcebook is a listing of manufacturers and operators that provide training to the Industry. The listing includes contact information and listings of the training provided. Anyone interested in exploring the details of the availability of training for ATEC personnel can review this Sourcebook by clicking on the link <http://cat.texterity.com/cat/2006-5/>.

Equipment Listings – The Northrop Rice Foundation (NRF) will display and monitor a Sale, Trade, Exchange Form on its website that can be used by schools to advertise or make requests about equipment, tools, or materials. In addition, there is a Donated Equipment Form that is a listing of equipment, tools, and materials that the Northrop Rice Foundation has for distribution to PART 147 schools. These forms and the details about using them are posted on the NRF website that can be accessed by a link on the ATEC website. The link is [northropicefoundation.org](http://northropricefoundation.org).

New Books Programs – The Wing Aero Scholarship program is in place and will provide ten sets of Aviation books for students of ATEC member schools. Check the ATEC website.

Promotion – A packet of bulletin board notices and other information about the awards and scholarships were sent to ATEC member schools by the Northrop Rice Foundation. Please display this information at your institution.

ATEC Scholarships and Awards for 2007

Programs

S&K Tool Scholarships  
Wing Aero Aviation Books Scholarships  
NIDA Training Equipment Awards  
Dale Hurst Memorial Scholarship  
NRF Instructor Assistance Award  
Ivan D. Livi Instructor of the Year  
James Rardon Student of the Year

Sponsors

S & K Hand Tool Company  
Wing Aero Products Company  
NIDA Corporation  
AVOTEK  
Northrop Rice Foundation  
ATEC  
Northrop Rice Foundation

General Information Sheets and Applications can be downloaded from these Websites:

ATEC – [www.atec-amt.org](http://www.atec-amt.org)  
Northrop Rice Foundation – [www.northropricfoundation.org](http://www.northropricfoundation.org)  
or request by e-mail from Ivan D. Livi, [ivan.livi@verizon.net](mailto:ivan.livi@verizon.net)

**ABSENTEE BALLOT**

The following six ATEC members are candidates for four Board seats to be voted on at the April 1-3 Conference in Orlando. The position for Secretary/Treasurer is also up for re-election.

Robert Drake – Redstone College, CA  
Joseph Dudek – Delmar College, CA  
Joe Fisher – Hallmark Institute of Technology, TX (Secretary-Treasurer)  
Joe Hawkins – Middle Tennessee State University, TN  
LaVern Phillips – Aviation Institute of Maintenance, Virginia Beach, VA  
Domenic Proscia – Vaughn College, NY  
Andrew Smith – K-State at Salina, KS

In accordance with the change made to the ByLaws on April 4, 2006:  
“Schools not attending the annual conference may request an election ballot no later than 30 days prior to the annual conference. Proxy votes must be received no later than 7 business days prior to the conference.”

As a result, if you will not be attending the conference, you may request a ballot no later than March 2 and the ballot must be received no later than March 22.

Fax your request to (717) 540-7121 or e-mail [ccdq@aol.com](mailto:ccdq@aol.com).

### **FAA AT THE ATEC CONFERENCE**

Ferrin Moore and Ed Hall, from the FAA, have confirmed their attendance at the April 1-3 ATEC Conference in Orlando.

They have asked for questions in advance of their session on Tuesday, April 3.

Please e-mail your questions to Dick Dumaresq at [ccdq@aol.com](mailto:ccdq@aol.com) by March 16.

### **ATEC COMMUNICATIONS**

The ATEC website continues to grow and develop. See [www.atec-amt.org](http://www.atec-amt.org).

The Become a Member link has been updated and posted on the website. Also, the Member Listing/School Profile section of Go To members is now interactive.

Subscriptions to the electronic ATEC Journal are climbing. Over 600 individuals now receive the ATEC Journal on-line. If you know someone at your school who would like to receive the Journal or if you would like your PMI to get the e-Journal, send their name, organization and e-mail to [domenic.proscia@vaughn.edu](mailto:domenic.proscia@vaughn.edu).

For the future, the ATEC website committee is considering a Members Only section, a section for ads and an A&P job advertisement page for faculty and AMTs.

### **FAA MEETING ON THE FUTURE OF AMTs**

The Aviation Institute of Maintenance hosted the last conference on November 29-December 1, 2006 in Virginia Beach, VA. The meeting was well attended by the FAA, Industry, and PART 147 schools. The following are the final recommendations of the ATEC education committee to the FAA Futures Group.

It is the recommendation that 14 CFR, PART 147 be revised in the following manner:

1. Language be used to create a living document that can be readily modified to keep abreast of upgrades in technology, including distance learning practices, and changing requirements in the workplace;

2. Required subject matter be reduced to an abbreviated list of core competencies, so that specialty technical areas and academic themes can be added by the respective schools to best serve their clientele (both students and Industry);
3. Hourly training requirements be removed from the regulation so that AMT learning programs can become outcome based (also known as competency based), affording students the opportunity to learn at a pace that best meets their individual needs;
4. A committee, consisting of representatives from AMT schools, aerospace industry employers, aviation professional organization, and the FAA, be formed to develop the new regulation in a concise manner.

There will be no continuation of the FAA Futures Group at this time. Jim Ballough committed to send to the ARAC the group's Education Committee proposal to change PART 147.

### **FERPA ISSUES AND THE FAA'S RESPONSE**

The issue of whether an FAA inspector has the right to review student records has been raised by several A&P institutions under the Family Educational Rights and Privacy Act (FERPA). The following is Ferrin Moore's response to that question.

"I did some research on your question on whether a PART 147 certified aviation maintenance technician school could allow the FAA to inspect the facility and review students personally identifiable information without violating the Family Educational Rights and Privacy Act of 1974 (FERPA).

PART 147 concerns the FAA requirements for issuing aviation maintenance technical school certificates. It sets forth the curriculum requirements for specific subject proficiencies. Additionally, 14 CFR 147.43, authorizes the Administrator at any time to inspect an aviation maintenance technical school to determine its compliance under this part.

I also reviewed the Department of Education regulations on FERPA. While the gist of the statute and implementing regulations is to ensure that students' personally identifiable information will not be released without consent, there are numerous conditions where prior consent is not required to disclose such information. Under 34 CFR 99.31(a)(7), an educational institute may disclose personally identifiable information from an education record of a student without consent if the disclosure is to accrediting organizations to carry out their accrediting functions.

I think that the FAA would qualify as an accrediting organization when it is acting in its capacity of certifying that certain schools maintain the curriculum requirements to qualify as an aviation maintenance technical school."

## **MEMBERSHIP DUES**

At their September 9 meeting in Washington DC, the ATEC Board made two changes in the dues structure in order to simplify the dues process:

1. In 2007, ATEC dues will change to a flat dues rate of \$210 per year for all institutions regardless of size.
2. The dues period was changed from the May 1-April 30 fiscal year billing cycle to a January 1-December 31 calendar year cycle.

As a result of these changes, during the 2007-08 billing period, and for that billing period only, ATEC will send out its dues invoice in April 2007 for a year and a half period in order to transition to the calendar year billing cycle. This will mean that in April 2007, your institution will receive an ATEC dues invoice for \$315. But it will cover your membership in ATEC until January 2009, a year and a half. Then, just prior to January 2009 you will receive a \$210 invoice to pay for the new 2009 dues.

Please contact us if you have any questions. This will be a discussion item at the April 1-3 ATEC Conference in Orlando.



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**APRIL 2007**

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

**ATEC 2007**

This year's conference in Orlando, April 1-3, featured some of the best presentations in several years according to attendee evaluations. In addition, employers from four companies exhibited at the conference, looking for A&P graduates. Sixty-nine schools from across the country were represented and 149 people were in attendance.

Overall, it was a great learning and networking experience.

Next year, the conference will be held in Las Vegas, April 6-8, at The Riviera Hotel.

**ELECTION RESULTS**

The following are the Board members who were elected at the conference:

Joe Fisher – Treasurer, Hallmark Institute  
Robert Drake, Redstone College, LAX  
Joseph Dudek, Del Mar College  
LaVern Phillips, Aviation Institute of Maintenance  
Domenic Proscia, Vaughn College  
Andrew Smith, Kansas State University at Salina

Attached is a copy of the complete Board member list.

**GOVERNMENT RELATIONS**

Ray Thompson, Chair of the Government Relations Committee and ATEC liaison with the FAA made the following announcements at the conference:

1. The ARAC process, to deal with limited modifications to PART 147, has been agreed to and should be starting soon.
2. ATEC has submitted their PMI Handbook suggested changes to the FAA and is looking forward to the final document sometime in the next few months.
3. The FAA Symposium meeting in June in Indianapolis will deal with a marketing strategy for the AMT career.
4. The ATEC Board will be reviewing ASNT, NCATT and others in order to decide who we want to support to certify schools and AMTs. ATEC is helping to foster certification partnerships. ATEC is not in the role of accreditor but will act to facilitate the various groups that are currently active.
5. ATEC has also agreed to act as facilitator to help schools interested in providing Light Sport Aircraft inspector and repairman training. ATEC, however, will not be developing a curriculum.
6. Finally, ATEC has been able to bring a number of individual school issues to the FAA in Washington through a process designed last year. Contact ATEC if you have an issue that has not been resolved with your local FSDO.

### **SURVEY RESULTS**

The results of two surveys are attached. The first indicates the number of students enrolled, graduated and working in aviation between 1998 and 2005.

The second survey, which was conducted at the April 1-3 conference shows participant interest in the location and timing of the 2009 and 2010 ATEC conferences.

### **ATEC FINANCES AND DUES CHANGE**

The 2005-2006 Annual Financial Report was reviewed at the conference. ATEC had a small surplus this year. Additional CD's were purchased in order to increase the interest impact on our reserve.

ATEC is changing to a calendar year payment schedule in May of 2007 and a flat dues rate of \$210/year. As a result, a one time rate of \$315 will be charged for one and a half years of dues. The next dues cycle will then start on January 1, 2009.

### **MEMBER SERVICES AND SCHOLARSHIPS**

The CAT Source Book is a listing of manufacturers and operators that provide training to the Industry. The listing includes contact information and listings of training that they provide. The Source Book can be accessed through a link on the ATEC website.



The Northrop Rice Foundation is monitoring and maintaining a Sale, Trade, and Exchange Listing Form that can be accessed through the NRF link on the ATEC website. Any ATEC school that wants to post information in regards to need or availability of items of interest to other schools may do so through the NRF link.

Items donated to the Northrop rice Foundation are available to ATEC schools. A donated Items Listing that shows what items are available and the procedures and conditions for requesting them is available from the NRF website that can be accessed by a link on the ATEC website.

The following are scholarship and award programs administered by the MSC:

Programs

S&K Tool Scholarships  
Wing Aero Aviation Books Scholarships  
NIDA Training Equipment Awards  
Dale Hurst Memorial Scholarship  
NRF Instructor Assistance Award  
Ivan D. Livi Instructor of the Year Award  
James Rardon Student of the Year Award

Sponsors

S&K Hand Tool Company  
Wing Aero Products Company  
NIDA Corporation  
AVOTEK  
Northrop Rice Foundation  
ATEC  
Northrop Rice Foundation

General Information Sheets and Applications may be downloaded from these websites:

ATEC – [www.atec-amt.org](http://www.atec-amt.org)  
Northrop Rice Foundation – [www.northropricefoundation.org](http://www.northropricefoundation.org)  
or request by e-mail from Ivan D. Livi, [ivan.livi@verizon.net](mailto:ivan.livi@verizon.net)

**THE NEWS FROM FLIGHTSAFETY**

FlightSafety International announced that the Michigan Institute of Aviation and Technology (MIAT) will incorporate FlightSafety's Principles of Troubleshooting course into its curriculum.

MIAT is adding FlightSafety's Principles of Troubleshooting to its curriculum in order to help their students develop a more complete understanding of the latest technology used in today's advanced aircraft as they prepare for careers as professional aircraft technicians.

The course uses an advanced software simulation program that exposes the technicians to a wide variety of scenarios as they practice and perfect their troubleshooting techniques.

For additional information contact:

Nick Sergi  
FlightSafety International  
Marine Air Terminal  
LaGuardia Airport  
Flushing, NY 11371  
718-565-4125  
718-565-4134 FAX

### **ATEC MEMBERSHIP**

Industry members help support ATEC's work. With the number of A&P schools declining, industry membership is an important growth area for ATEC.

Please ask your school's program advisory committee members to support ATEC as an industry member for \$325. The application form is on the website [www.atec-amt.org](http://www.atec-amt.org).

### **VIDEOS TO DVDS**

Twenty-one of the more than 200 ATEC videos have been converted to DVD format. The 21 DVDs were the most often requested instructional films by ATEC members. Based on school's suggestions, additional DVD's will be copied.

# SURVEY RESULTS

Each year ATEC surveys all PART 147 programs to assess enrollments, graduates and those who accepted a position in aviation. **Note: Not all schools return the survey each year.**

The following are the results for 1998-2005.

	<u>1998</u> n=143 schools	<u>1999</u> n=107 schools	<u>2000</u> n=114 schools
Enrollments	11,699	14,209	13,827
Graduates	4,510	3,872	4,978
Grads Who Went to Work in Aviation	3,338	3,709	4,039
	<u>2001</u> n=107 schools	<u>2002</u> n=94 schools	<u>2003</u> n=83 schools
Enrollments	12,328	11,199	10,862
Graduates	5,658	4,190	3,818
Grads Who Went to Work in Aviation	4,700	2,480	2,589
	<u>2004</u> n=83 schools	<u>2005</u> n=86 schools	
Enrollments	11,791	7,680	
Graduates	3,601	3,226	
Grads Who Went to Work in Aviation	2,381	2,047	

# FUTURE CONFERENCE SURVEY

April 2, 2007

While the 2008 ATEC Conference is set for the Las Vegas Riviera Hotel, ATEC is planning for the 2009-2010 annual conferences and we would like your input.

1. In 2009, we will be returning to the East. Should we remain in Orlando?  
(Check one) 56 Yes 22 No

2. If no, what other resort-type location would you be willing to travel to?  
Atlantic City(2), Atlanta(8), Nashville(2), Purdue for 50<sup>th</sup>(2),  
San Antonio(3), Virginia Beach(6), DC(2), St. Paul(2), Miami(2), Cruise(2).

3. For 2010, which of the following sites would you attend? (Check your top choice)

32 Las Vegas

24 Dallas

21 Phoenix

20 San Diego

Anywhere except Las Vegas(3), San Diego - LA - Fresno

4. In the more expensive locations like San Diego and Phoenix, what would your budget allow for lodging? 31 \$140/night 25 \$150/night  
7 over \$150/night 14 cannot afford these prices

5. Should ATEC try to coordinate (same time, same city) its conference with PAMA? (Check one)

20 Definitely Yes

48 Nice to do but not a priority

12 No don't do it

6. Should ATEC continue to have its conference in April?

(Check one) 57 Yes 19 No

If no, what month would you support?

(Check one) 9 March 8 May 3 June

**Please leave at registration desk.**

Thank you



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**SEPTEMBER 2007**

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

**NCATT UPDATE**

After two and a half years, of their 3-year NSF grant, NCATT can proudly boast of a number of accomplishments. They submitted and received notice of funding for an NSF Continuation Grant with an increase in their funding. Their work to date has included establishing standards, curriculum, and the necessary examinations and certifications for entry level Aircraft Electronics Technician areas. As of June, NCATT had certified almost 200 AET's. They were working on finalizing the AET accreditation of 2 schools with several others in the review stages.

Their website [www.ncatt.org](http://www.ncatt.org) provides current information and the means for individuals to embark on their certification process.

**147 ARAC**

On September 17, the FAA held the first meeting in what will be a series of meetings for the ARAC Committee to discuss FAR PART 147. Several of our Board members are on the committee and several of our Institutional Member schools have representation on the committee as well. ATEC Vice President, Ray Thompson, will serve as chairman of the 147 ARAC.

ATEC needs your input so we can present a clear position to the ARAC.

“The working group is tasked to recommend revisions to 14 CFR Part 147 to contain some basic, consistent requirements. The objective is to provide an easier means to keep current training curricula, training criteria, and hours of training, while remaining within the minimum requirements.

The working group will review available information about general curriculum requirements and specific operating rules for attendance and enrollment, tests, and credit for prior instruction or experience that could be applicable to meeting the requirements of Sec. Sec. 147.21 and 147.31 and appendices A through D of 14 CFR Part 147.

In addition, the working group is tasked to evaluate and incorporate, as appropriate, revisions granted by exemption to Sec. Sec. 65.75(a) and 65.77 of 14 CFR Part 65. The working group should consider the appropriateness of modifying Sec. 65.75(a) to allow students enrolled in Part 147 Aviation Maintenance Technician Schools to take the Aviation Mechanic written tests after completing the corresponding portion of the curriculum, but before meeting the experience requirements of Sec. 65.77.

Required completion is no later than 9 months after the first working group meeting or June 30, 2008, whichever occurs first.”

**ATEC has been developing a position paper and the Board of Directors is requesting your input so the ATEC position clearly reflects the consensus of the entire membership. Three ATEC Board members serve on the 147 ARAC.**

Focusing on the ARAC’s charge, please provide your comments to ATEC at [ccdq@aol.com](mailto:ccdq@aol.com) **by October 15** so ATEC can provide our member schools’ position to the ARAC.

### **AWARDS**

The Ivan D. Livi Outstanding AMT Educator Award and Jim Rardon Student of the Year Award applications are included in this mailing. They will also be placed on the Website and included in the on-line ATEC Journal.

The two awards will be presented to the winners at the Riviera Hotel in Las Vegas on April 7 during a special awards dinner.

Award application returns must be received by the December 3 deadline.

### **CALL FOR PRESENTATIONS**

The request for technical AMT presentations to be presented at the ATEC conference on April 7 in Las Vegas is included in this mailing. It has also been placed on the ATEC Website [www.atec-amt.org](http://www.atec-amt.org).

### ATEC MEMBERSHIP

September 2006  
Institutional 90  
Individual 0  
Industry 11  
Life 12  
TOTAL 113

September 2007  
Institutional 90  
Individual 8  
Industry 10  
Life 10  
TOTAL 118

### ATEC DIRECTORY

Please check your enclosed directory listing and return it to the ATEC Office with any changes by **December 3**.

### ATEC CONFERENCE – MARK YOUR CALENDAR

DATES: April 6-8, 2008  
PLACE: Riviera Hotel, Las Vegas  
PRELIMINARY AGENDA: Enclosed

Please note two format changes:

- On Monday, April 7, ATEC will provide an Awards Dinner for the first time in many years.
- Then on Tuesday, April 8, at 11:45 AM we will offer box lunches to go for those people who need to catch flights back to the East Coast.

### FAA MEETS WITH ATEC

Ferrin Moore of the FAA met with the ATEC Board on September 15 in Washington, DC. He made the following comments:

- Regarding light sport aircraft, are any schools developing or offering courses on LSAs? The FAA is getting inquiries and the FAA wants to support new curriculum. Contact Ferrin at [ferrinmoore@faa.gov](mailto:ferrinmoore@faa.gov).
- A large UAV division is being created. Unmanned cargo plan certifications are being developed. The FAA might have to develop a new certificate so A&Ps can work on these new pilotless aircraft.
- In the new 147 ARAC, the FAA wants to revamp the A&P curriculum as the main purpose of the ARAC. They will be looking at Sections B, C and D.
- Schools having problems with standardization of PMI Interpretations should utilize the Customer Service Initiative (CSI) on the FAA website to address inconsistencies.

## **NEW INSTRUCTOR TRAINING PROGRAMS**

Two new instructor training scholarships have been added to the growing list of benefits available to ATEC member school instructors. Go to the front page of [www.atec-amt.org](http://www.atec-amt.org).

FlightSafety International (FSI) is donating, as a scholarship, a seat once per year for an instructor to attend one of the FSI's King Air Maintenance Courses. The course is of a two-week duration and is conducted at the FSI facilities in Wichita, KS. The course is valued at \$7200.00 and will be administered as a scholarship by the Northrop Rice Foundation.

Southwest Airlines is donating, as a scholarship, a seat once per year for an instructor of an ATEC member school to attend a two-week Boeing 300/500 or 700 Systems course, or a one-week Boeing Avionics course.

## **ATEC WEBSITE**

Although the website was down for 16 days in late August-early September because of server problems, the site is up again and fully functional.

Check out the site for:

- Conference Information
- ARAC Updates
- How to Reach Board Members
- AMT Promotional Video "Nowhere to Go But Up"
- Scholarships
- Awards and Call for Presentation/Papers
- The latest Updates and the ATEC Journal