



**Aviation Technician Education Council**

2090 Wexford Court  
Harrisburg, PA 17112  
Telephone (717) 540-7121

**SEPTEMBER 1996**

**RE: UPDATE**  
**TO: ALL ATEC MEMBERS**  
**FROM: JAMES DEHLIN, PRESIDENT**

**ARAC/PART 66 MOVES FORWARD**

ARAC agreed to incorporate ATEC's most important concerns about PART 66. Members should note that the FAA must approve the ARAC suggestions and the FAA can make further modifications or reject the suggestions altogether. Therefore, no action should be taken by schools until an NPRM is finalized. As a result, the following recommendations were sent to the FAA by the ARAC:

1. Basic AMT programs will have the required hours reduced to 1520. It must be noted that no content requirements (147 appendix B,C,D) have been deleted. Schools will no longer have the Airframe and Powerplant ratings, only the single Aircraft rating, which means that schools no longer have to teach material twice (i.e. instruments, etc.). Schools that wish only to be AMT schools will have a tough time in reducing hours to this amount, but schools wishing to incorporate the AMT-T curriculum, at additional hours beyond 1520, will be able to do so without a significant time penalty.

2. AMT instructors will be required to obtain recurrent training during the period set forth in the rule.

3. The language of 66.57(b) has been strengthened to require that people trying to obtain the license through OJT must have experience in all areas of aircraft maintenance. This means that very few people should qualify under OJT and must attend a school.

ATEC will provide you with the actual language as soon as it becomes available.

**MEMBERSHIP**

1996-97 ATEC institutional, associate and individual membership payments are due now. The second dues notice is enclosed in this mailing.

Please help support ATEC so that ATEC can continue to represent you on issues such as PART 66, Job Task Analysis, the promotion of AMT careers and schools and with industry liaison.

In April, ATEC membership stood at 141 institutional members - that is the vast majority of PART 147 schools in the U.S.

### **ATEC LISTSERVE UP AND RUNNING**

"The ATEC Listserve is up and operational," according to ATEC Listserve manager, Fred Dyen of the University of Alaska, Fairbanks. The purpose is for ATEC members to be able to start a dialogue among anyone interested in Aviation Maintenance Technician Education.

To subscribe to the ATEC Listserve, send an e-mail message to:

LISTSERVE@galileo.uafadm.alaska.edu  
with this as the body of the message  
SUBSCRIBE ATEC-L

That's all there is to subscribe to the list. In return you should receive a welcome message from the LISTSERVER.

To request additional files, send a mail message to the same address:

LISTSERVE@galileo.uafadm.alaska.edu  
with this as the body of the message to receive the ATEC FAQ's  
SEND ATEC03.TXT  
and/or with this as the body of the message to receive the ATEC Guidelines  
SEND ATEC04.TXT

"Please subscribe to ATEC-L and let me know what you think," said Fred. Make sure you send any mail message to:

ATEC-L@galileo.uafadm.alaska.edu

Additionally, please forward this mail message to any ATEC members you know and anyone else who might be interested.

Fred's e-mail is: fffdd@aurora.alaska.edu

### **ATEC CONFERENCE**

**APRIL 13-15, 1997  
ORLANDO, FLORIDA**

The preliminary agenda and conference details are attached. The cost of the conference for all programs, breakfasts, lunches, breaks and materials is \$175 if you register before April 3 (\$225 after April 3). Watch your mail in October for the complete conference packet.

### **BOEING CBT 757-767 AVAILABLE AGAIN**

Because of the continued demand for this free set of Boeing CBT modules, the opportunity to acquire the 757-767 CBT program will be offered again at the 1997 ATEC Conference in Orlando, April 13-15. A school must be present for the demonstration in order to receive the program.

Schools that received the Boeing CBT program in 1996 will be able to ask questions at the 1997 Conference and receive expert advice on the implementation of the program.

### **OUTSTANDING EDUCATOR AWARD**

The application for the 1997 Ivan D. Livi Outstanding AMT Educator Award is included in this mailing.

The deadline is December 6 and the winner receives an award at the conference, free lodging, transportation, meals and conference fee, and two scholarship awards.

### **1997 ATEC Directory**

Please send your updated ATEC Directory information to the ATEC office no later than December 13.

### **PUBLIC RELATIONS**

The ATEC Board is developing articles for the national media to promote AMT education and the field in general.

In addition, the board approved an AMT video that would market AMT education nationally. Boeing has agreed to provide development support for this effort.

For more information on either of these efforts, contact the ATEC Business Office (717) 540-7121 or Robert Takacs (209) 638-3641, who chairs the projects.

### **ATEC HOME PAGE**

The ATEC website is nearing completion. The board agreed that ATEC schools should be listed on the website at no charge. This would be a free ATEC service to member schools.

### **JOB TASK ANALYSIS UPDATE**

The JTA study will provide an updated description of the tasks an AMT performs. It will be used to make appropriate changes to the FAR's. Both Phase I and II of the study are complete. Phase III concentrates on analyzing the Phase II data in context of FAR Part 147. A committee of representatives from both industry and certificated AMT schools will assist in this effort. Phase III began in the second quarter of 1996 and will be completed in the second quarter of 1997 in time for ATEC's 1997 Conference in Orlando.

### **ATEC TO RELEASE NEW SERIES OF BOEING TAPES**

At least one hundred new Boeing training video tapes will be offered to the ATEC membership in November 1996.

Some of these tapes will update and replace earlier Boeing tapes. Right now, schools should remove the following videos on the next page from their tape library. They are outdated and some procedures shown are now being handled differently.

## Boeing Maintenance Training Videos

### ATEC Video Library Removal List

The following Boeing Maintenance Training video tapes have been deleted or updated by Boeing. It is important that ***ALL of the videos listed be removed*** from ATEC member school's video libraries as soon as possible.

Note the "status" following the ATEC video number. Those "deleted" will not be replaced. Those with a "replace" status will be obtained from Boeing by ATEC and will be offered to ATEC member schools in the future.

ATEC #	Status	New Boeing #	Title
2	replace	new 900411	Graphite Composite Materials Repair
8	replace	new 921216	767 Fueling Procedures
9	replace	new 930902	767 Fuel System
11	deleted		767 Equip. Cooling Fault Isolation
13	deleted		757 Pneumatic System Operation Check
19	replace	new 931028	767 Fire Protection OV/CL
20	replace	new 940118	767 Vacuum Toilet System Service
21	deleted		767 Potable Water/Waste OV/CL
24	replace	new 940128	767 Lighting System
31	replace	new 841207	767 Engine Indication and Crew Alert Sys. GE Engine OV/CL
35	replace	new 841206	767 Engine Indication and Crew Alert Sys. P & W Engine OV/CL
37	replace	new 850323	757 Engine Indication and Crew Alert Sys. OV/CL, P & W Engine
38	replace	new 910712	757 Fuel Quantity Indicating System FI/OC
40	replace	new 880823	767 Auxiliary Power Unit FI/OC
42	deleted		Electrical Power (overview of system operation)
48	replace	new 950419	767 Electronic Flight Instrument System (EFIS)
50	replace	new 870820	757/767 Inertial Reference System (IRS)
51	replace	new 950410	767 Radio Navigation
57	replace	new 860901	767 Radio Navigation
70	replace	new 931108	Inlet Ingestion - Don't Get Sucked In
78	replace	new 950707	Automatic Flight Control System
86	replace	new 860212	Powerplant Component Location, 737-300
90	deleted		747 CPT Electrical
91	replace	new 910410	EICAS, 747-400
92	replace	new 920320	Electrical Power (747)
93	replace	new 910927	Electronic Flight Instrument System (EFIS) OV/CL, 747-400
94	deleted		Exploring The 747
96	deleted		Fire Protection



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**MARK YOUR CALENDAR!**

**36TH ANNUAL ATEC CONFERENCE**

**APRIL 13-15, 1997**

**ORLANDO, FLORIDA**

- The proposed agenda is attached -

**THE HOTEL**

Holiday Inn, International Drive

\$94 + tax per night. Up to four people in a room at no extra charge. This excellent rate will be honored from Friday, April 11 through Wednesday night, April 16.

- \* Five minutes to Universal Studios
- \* Fifteen minutes to Disney Parks
- \* All rooms feature mini kitchenettes including microwave, refrigerator and coffeemaker
- \* Multiple in-room movies
- \* Shuttle, attraction tickets and on-site car rental
- \* Heated pool with whirlpool
- \* Thirteen acre resort with fitness center, sun-deck and courtyard
- \* Comedy Club on-site. Multiple restaurants and snack bars
- \* Full room service
- \* Golf and tennis nearby.
- \* Orlando International Airport is fifteen minutes away.  
(Both Mears and Transtar Transportation run shuttles to the hotel from the airport.)

**WATCH YOUR MAIL IN OCTOBER FOR YOUR  
HOTEL REGISTRATION FORM AND CONFERENCE PACKET**

ATEC '97 CONFERENCE  
HOLIDAY INN, ORLANDO

D R A F T

SUNDAY, APRIL 13

1:30 - 3:00 P.M.	Committee Meetings
3:00 - 6:00 P.M.	Registration
3:00 - 5:00 P.M.	Board of Director's Meeting
5:30 - 7:00 P.M.	Ice Breaker Reception in exhibit area

MONDAY, APRIL 14

7:30 A.M.	Registration
7:45 - 8:30 A.M.	Continental Breakfast in exhibit area
8:35 - 9:00 A.M.	Welcome - Jim Dehlin
9:00 - 9:45 A.M.	<b>How the Media Views Aviation Maintenance Education</b>
9:45 - 10:15 A.M.	Break in exhibit area
10:15 - 12:15 P.M.	<b>School Issue Analysis</b> (By institutional type, facilitators will lead problem solving discussions around advertising, marketing, curriculum, training methods, instructor training, equipment, FAA interpretations.)
12:15 - 1:30 P.M.	Lunch
1:30 - 3:00 P.M.	<b>Presentation of Papers on Aviation Maintenance Education</b>
3:00 - 3:30 P.M.	Break in exhibit area
3:30 - 4:45 P.M.	<b>Recent Air Disasters: Implications for Aviation Maintenance</b>

TUESDAY - APRIL 15

7:45 - 8:30 A.M.	Continental Breakfast in exhibit area
8:30 - 9:15 A.M.	<b>ATEC Business Meeting</b>
9:15 - 10:15 A.M.	<b>Presentation of Papers on Aviation Maintenance Education</b>
10:15 - 10:45 A.M.	Break in exhibit area
10:45 - 12:00 Noon	<b>New Trends in Maintenance Training</b>
12:00 - 1:30 P.M.	Awards Banquet Luncheon
1:30 - 2:15 P.M.	<b>ARAC/PART 66 - Implications for 147 Schools</b>
2:15 - 3:00 P.M.	<b>FAA Update - Les Vipond</b>
3:00 - 3:45 P.M.	<b>Job Task Analysis Update</b>
3:45 - 4:15 P.M.	ATEC Board Meets
4:15 P.M.	Conference ends



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**RE: UPDATE**  
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**ATEC CONFERENCE IN TEXAS**

Ninety-two ATEC schools were represented at this year's annual conference in San Antonio. This was the largest number of schools to attend a conference in ATEC history.

The following are a few statistics from the conference evaluations:

96% of respondents rated the hotel as very good or good.

91% rated the exhibitor area as very useful or useful.

The two most highly rated presentations were:

\*Marketing Your AMT Program to Increase Enrollment and

\*Boeing 757-767 CBT

As for future ATEC Conferences after Orlando in 1997, respondents suggested Colorado Springs, Nashville, Las Vegas, St. Louis and Seattle as their top five choices.

Finally, by a two to one margin, a Sunday, Monday, Tuesday conference was chosen over a Wednesday, Thursday, Friday format.

Thanks for your support. See you in Orlando, April 13-15, 1997.

**PART 66**

If you would like a copy of PART 66, fax your request to the ATEC business office at (717) 540-7121.

Based on all the schools' input during the PART 66 presentation at the conference, ATEC will be representing the schools' positions at the ARAC meeting on April 16 in Washington. We will keep you posted on PART 66 developments.

**BOARD MEMBERS ELECTED**

Newly elected members of the ATEC Board are Samuel Huang from San Jose State University in California and Denver Lopp from Purdue University in Indiana. Re-elected to the Board were Richard Fessler from Hallmark Institute in Texas and Gerald Garvan from Tulsa Technology Center in Oklahoma. The ATEC Board of Directors listing is attached.



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### **FOREIGN SCHOOL CERTIFICATION**

ATEC sent the Board's position to the FAA regarding ATEC's stand on foreign schools certified by the FAA to 147 standards. The ATEC position paper stated that we opposed the concept of foreign certified schools. The FAA has taken this information under advisement.

### **MEMBERSHIP**

ATEC closed out its fiscal year with 142 institutional members and 16 associate or corporate members.

### **IVAN D. LIVI OUTSTANDING INSTRUCTOR AWARD**

ATEC presented its outstanding instructor award this year to John Scheulen of Linn State Technical College. In addition to a free trip to the conference, John will also be receiving a cash award and a FlightSafety scholarship.

### **1996 ATEC SCHOOL DIRECTORY**

The new AMT school directory was distributed at the conference. An additional copy is included in this mailing. Contact the ATEC business office via fax at (717) 540-7121 if you would like another copy.

### **PUBLICIZING THE AMT CAREER FIELD**

During this next year, a strong attempt will be made to publicize, in major newspapers and periodicals, information on the Aviation Maintenance Technician career field. Articles would be written by journalists who have contact with major publishing companies. The intent of the articles would be to promote public awareness of the Aviation Maintenance Technician career field and to offer information on requirements for entering the field. So far, we have had some discussions with the Wall Street Journal.

### **ATEC HOMEPAGE**

The ATEC Board is in the process of studying the feasibility of an ATEC HomePage that would be linked to specific school home pages. We hope to have more information by this summer.

### **BYLAWS CHANGE**

By vote of the membership at the conference, the ByLaw proposed changes sent to the membership in February were all approved. The changes are as follows:

1. Deleted the office of ATEC Clerk.
2. Made the immediate past-president an ex-officio member of the ATEC Board.
3. Clarified the number of board members (14) separate from the board officers (3).
4. Clarifies that an institutional member of an ATEC regional organization must be an institutional member of the national organization.

## ATEC STRATEGIC PLANNING GOALS

The following are the goals for ATEC's strategic plan for 1996-97.

### ATEC THE ORGANIZATION

- GOAL: Continue to explore the possibility of developing a non-profit foundation.
- GOAL: Promote the activities of all member A&P schools and the organization through the national media.

### ATEC-INDUSTRY RELATIONSHIPS

- GOAL: Continue to develop and strengthen ATEC's liaison with Aviation Industry partners and improve linkages with industry education groups.
- GOAL: Become more active in development of internship opportunities for member schools.

### ATEC-GOVERNMENT RELATIONSHIPS

- GOAL: ATEC should continue to maintain a working relationship with the FAA in Washington, D.C. by actively participating in regulatory forums.

### ATEC-SCHOOL RELATIONSHIPS

- GOAL: ATEC should develop and maintain a homepage on the World Wide Web.
- GOAL: Develop a strategy to improve enrollment/placement opportunities for member schools nationwide.
- GOAL: Continue to secure additional curriculum and instructional materials and provide distribution to member schools.

## PRACTICAL TEST STANDARDS FOR AMT'S

Fred Dyen, University of Alaska/Fairbanks, recently received a draft copy of the proposed Practical Test Standards for the Aviation Mechanic General (AMG), Aviation Mechanic Airframe (AMA), and Aviation Mechanic Powerplant (AMP). These practical test standards are being put forward as replacements for the corresponding oral and practical test books that have been in use since the mid 80's.

If you are Designate Mechanic Examiner (DME) or have a DME on staff, you may want to contact the following individuals at the FAA to request a copy of the applicable PTS for your review.

Terrance Hollars	AMG	(405) 954-6476
Kenith Hibler	AMP	(405) 954-6480
Mark Jacobs	AMA	(405) 954-6467
	FAX	(405) 954-4748

ATEC BOARD MEMBER LISTING

James Dehlin, President  
Northern Michigan University  
Marquette, Michigan  
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James Diffley (Associate Member)  
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(404) 714-3325

Charles White (Past Pres., Ex Officio)  
Fairmont State College  
Bridgeport, West Virginia  
(304) 842-8300

**ATEC COMMITTEES  
1996-1997**

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Terryl Kelley  
Ivan Livi  
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Tim VanLoon  
Charles White  
Ex Officio - Laurie Johns

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Dick Fessler  
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Jim Schmid  
Charles White

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Gerald Garvan  
Charles Larsen  
Alice Rice  
Tom Wild  
Ex Officio - ATEC Journal

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Vince Jones  
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Arvid Weflin

NOMINATIONS

Charles Larsen-Chair  
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John Cotter  
Sam Huang  
**Call for Papers:**  
Denver Lopp-Chair  
(317) 494-6387

## ATEC LISTSERVE

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with this as the body of the message  
SUBSCRIBE ATEC-L

That's all there is to subscribe to the list. In return you should receive a welcome message from the LISTSERVER.

To request additional files send a mail message to the same address:

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with this as the body of the message to receive the ATEC FAQ's  
SEND ATEC03.TXT  
and/or with this as the body of the message to receive the ATEC Guidelines  
SEND ATEC04.TXT

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Additionally, please forward this mail message to any ATEC members you know and anyone else who might be interested.

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fffdd@aurora.alaska.edu