

Aviation Maintenance Program Review Summary Points – January 18, 2020

Attendees:

Dr. John Watford, South Georgia; Jon Byrd, Georgia Northwestern; Tal Loos, Savannah; Shane Waldon, Central Georgia; Daniel Whitehead, Central Georgia; Mike Engel, Central Georgia; Gary Brossett, Pratt & Whitney; Todd Hoffman, Gulfstream; Roger Simmons, Gulfstream; Matt Corvey, Georgia Northwestern; Bill McBride, Home Depot Aviation; Eric Nelson, Georgia Northwestern; Elizabeth Anderson, Georgia Northwestern; Amy Holloway, Central Georgia; Simon Laung, Delta Airlines; William Smith, Delta Airlines; Mike Lockaby, Augusta Tech, Joseph Turner, Augusta Tech; Jennifer Loudermilk, Georgia Northwestern; Leonard Small, Atlanta, Clarence Willis, Atlanta; and Steve Conway, TCSG.

Industry Needs and Program Outcomes Review:

Steve welcomed everyone to the meeting and then he asked each person to briefly introduce themselves. Dr. Watford especially thanked the industry for their support during this meeting and the whole process. After introductions, Steve recapped the program review process that has been going on for over a year. The group agreed that major changes could not be effected in this program right now due to pending FAA regulatory changes taking place in Washington DC at present. Jon Byrd gave a timeline of the proposed regulatory changes over the last 5 years and it does appear that potential content and programming changes are on the horizon as both the senate and the house are reviewing the final comments this month. Bill Smith added that he too was familiar with these potential changes and he viewed them as a real opportunity for the existing programs in Georgia and elsewhere. The proposed satellite locations in particular could allow a much better pipeline to programs from the high schools.

Steve then showed both the program outcome statements for the aviation maintenance program as well as the avionics maintenance program to the group. Over all the outcome statements still looked relevant but a few changes were suggested:

- Use inspect, check, service and repair as the pre wording for each mechanical tasking as this exactly reflects the regs.
- Add that graduates will have a full understanding of avionics and electrical systems
- Add that graduates will have a full understanding of regulatory and safety aspects in the field
- In avionics remove GROL testing as the outcome and insert NCATT as this is the current exam
- Substitute flight management systems for auto pilot and land systems
- Delete the outcome for landing gear as it is part of airframe outcomes

Aviation Maintenance Course Content Review:

The group reviewed and discussed the aviation maintenance program content next. Tal proposed showing each competency area on the big screen and then asking for any changes from the group. Steve and Jon would take notes on the suggested edits and then an edited document could be sent back out to everyone next week for final comments.

The group then spent the next several hours reviewing the documents and suggesting edits. Virtually every competency area had at least one edit and in many instances outcomes were removed due to

redundancy. Detailed changes can be found in the program competencies and learning outcomes work group document.

Additional Discussion and Future Work:

Before closing Steve stated that he would send out the curriculum document with suggested edits in just a few days for all to review and make any further edits. After that it could be reviewed in a later faculty work group meeting when other curricular changes could be proposed for eventual college vote.

Since at the present time there are only two colleges offering any standard avionics program (and even then only the bench tech TCC) Steve said he would send out a revised version of the avionics program content for all to look at and propose similar edits as today. Steve could then work with those two colleges when the time came to make any needed curriculum changes for the future.

Steve thanked everyone again for their time and input. The group then adjourned for the holiday weekend.