

Aviation Program Advisory Committee Meeting Minutes April 11th, 2023 1:00 p.m.

Introductions

Advisory Board Community Attendees

Brian Walker- Director of Quality for US Operations, AVMAX Group

Nic Lynn- Vice President of Operations, Neptune Aviation

Louis Nesmith- Senior Director of Operations, AVMAX Group

Helena College Attendees

Sandy Bauman – Dean/CEO

Wes Walker- Aviation Instructor

Tod Dumas- Aviation Instructor

Stephanie Hunthausen –Executive Director of Career Trades Education

Kathy Mortimore- Skilled Trades Advisor

Melissa Mousel –Administrative Assistant -CTE

Updates – donation of a Citation 1, trying to get equipment to do maintenance on it.

- What Skill set should students get from working on the Citation?

-students be able to learn how to deal with the documentation and the technical data that is required when working on the various airplanes. Know how to work with the paperwork side of the

-Students must be able to detail the rectifications of the discrepancies that are listed on the job card and the proper use of the technical data. The understanding and recognizing of being able to navigate the proper ATH chapters that are being called for and the corrective action that is called for is highly important.

-Many students need more of the general understanding of the lingo that is used on a daily basis.
-Students need to be able to troubleshoot a problem and understand the system.

- proper use of technical data ---students need to know how to work with paperwork. Need to know the lingo that is used daily in the work industry. Being able to trouble shoot in a timely manner. The ability to be Methodic and have a good mind set.

Curriculum and Instruction

- Identify and expand the use of new technologies.

- Avionics program:

- What skill set and areas are most important?

- trouble shooting,

- ability use to use diagnostic equipment such as the IFR 4000, with all of the associated radio checks and the IFR 6000 knowledge, and an error data test set

- right now employees need to go through certificates after being hired. Before having the certificates, must be signed off by another. The certificates are transferrable and would be beneficial to have before being hired.

- interfacing (test boards then go look at it on the aircraft) (mock up wiring with switches to break circuits)

- FCC license would make a student more marketable (radio repairmen license)

- need training GPS equipment

- focus on EWIS – Electrical Wiring Inspection systems – industry standing (wiring protection) cbc corrosion, etc.

- Students need to learn acronyms.

- Students need to know how to work at repair stations – different maintenance levels.

- Funding options for Helena College to get equipment to train the students.

- possibly get donated equipment that is not airworthy any more, but can aid in student training. Brian and Louis will reach out to contacts and their own shops. Nic Lynn will check with his shop.

- Helena College does have a few pieces of equipment

- There might be potential for manufacturing companies to help with online training courses

- Program expansion- hired a consultant last year

-Tammy Burke had worked with a gentleman in Washington who ran an Avionics at a community college there. The curriculum is fairly well developed.

-funding will need to be found to hire a 3rd instructor.

-hoping to implement within the next year.

Recruitment and Job Placement

- Notify instructors of entry-level job openings for students.
- Assist with incorporating employability skills in the curriculum.
 - Do new hires have to be experienced or will you train?
 - Sometimes take people off of street and training them up and help them get their certificates while working.
 - -ONET- national labor board
 - Let all advisory boards know when graduation happens- when they will need to start interviewing.
 - -will hand out informational packets to interested parties in tour groups from high schools that may be interested in Aviation
- Assist in identifying work-based learning experiences.
 - In what areas do our students show deficiencies?
 - Life skills needed – (retirement funds, benefits, insurance, look for an apartment)
 - -manual understanding (how to read a manual)
 - Have students learn acronyms that are used on a regular basis in the shop.

Open Discussion

- Equipment lists.
- Avmax will share their equipment list with us to ensure that they align.