



## Regional 2020-2021 Contest Catalog

---

### **AVIATION MAINTENANCE TECHNOLOGY (Virtual)**

#### **Contest Description**

The contest is consistent with the airframe and powerplant mechanics certification guide published by the Department of Transportation Federal Aviation Administration; specifically, FAA-H-8083-31. A five to seven-minute demonstration video will be submitted in place of the in-person competition.

- The high school contest encompasses the competencies classified as general aviation by the FAA.
- The college/postsecondary contest encompasses those competencies classified as power plant and airframe by the FAA.

#### **Regional Competition**

- Resume (following the SkillsUSA format)
- Written Knowledge Test – 1 hour
- Demonstration Video - 5-7 Minutes

Contestants will be required to submit their demonstration videos and resumes to SkillsUSA California by **January 23, 2021** (details for submission to follow). Exams will be conducted online on **January 23, 2021**. Exam information will be emailed to the advisor by Friday, December 11, 2020.

#### **Skill Performance**

The contest includes a single topic practical competency selection from the National Contest rules. Each operation must be broken down into specific criteria, and points are assigned by Judges based on the task's difficulty.

*All SkillsUSA California contest projects are subject to change due to any unforeseen facility, staffing or site-related issues. Please use these materials as a reference to prepare students for the potential contest project. SkillsUSA California regional and state contest projects are developed by state technical committee members to align with the national technical standards.*



## Regional 2020-2021 Contest Catalog

### **Contest Guidelines**

Tasks assigned to a contestant have a set time limit of five to seven minutes condensed into a single video.

The following shop safety rules will be followed:

- Safety glasses must be used
- No loose clothing is permitted
- Long hair must be tied behind the head and netted or worn under a cap.
- No jewelry is allowed

### **Knowledge Performance**

The contest includes a written knowledge test that assesses general knowledge of aviation maintenance technology. Definitions, a general grasp of the knowledge area, processes, and procedures relevant to aviation maintenance technicians are assessed during the judging.

### **Materials Supplied by SkillsUSA CA**

- All necessary information and furnishings for judges and technical committees

### **Student Materials List**

- Calculator (non-programmable)
- All competitors must create a one-page resumé and submit an electronic copy to SkillsUSA California (using the SkillsUSA format - details to follow)
- Earplugs
- Safety glasses

### **Clothing Requirement**

Official Dress is NOT required for Regionals. Clothing must be unbranded with no words, images, or logos. SkillsUSA or SkillsUSA California attire is recommended.

*Note: Check the Contest Guidelines and/or the updates page on the SkillsUSA website:*

[www.skillsusa.org/compete/updates.shtml](http://www.skillsusa.org/compete/updates.shtml)

*All SkillsUSA California contest projects are subject to change due to any unforeseen facility, staffing or site-related issues. Please use these materials as a reference to prepare students for the potential contest project. SkillsUSA California regional and state contest projects are developed by state technical committee members to align with the national technical standards.*



Regional 2020-2021 Contest Catalog

<https://www.skillsusa.org/competitions/skillsusa-championships/contest-descriptions/>

*All SkillsUSA California contest projects are subject to change due to any unforeseen facility, staffing or site-related issues. Please use these materials as a reference to prepare students for the potential contest project. SkillsUSA California regional and state contest projects are developed by state technical committee members to align with the national technical standards.*