

Received 2/19/2025 Bellingham - GWP
 Received 1/27/2025 Bellingham - GWP

For L&I Staff Use Only	
<i>GWP</i>	<i>Teri Gardner 2-19-25</i>
L&I Apprenticeship Consultant	<i>Teri Gardner 1-27-25</i> L&I Admin

Department of Labor and Industries
 Apprenticeship Section
 PO Box 44530
 Olympia WA 98504-4530



Request for Revision of Standards

TO: Washington State Apprenticeship & Training Council
 FROM: Aviation Technical Services - #2176

Please update our Standards of Apprenticeship to reflect the following changes:

- Additions shall be underlined (underlined).
- Deletions shall be struck through (~~struck through~~).
- See attached.

Form must be signed by Committee Chair and Secretary or Program's Authorized Signer

<input type="checkbox"/> Chair	Date	<input type="checkbox"/> Secretary	Date
<input checked="" type="checkbox"/> Authorized Signer	<i>2/19/25</i>		
Print Name: David Bowen		Print Name:	
Signature: <i>David Bowen</i>		Signature:	

Approved By: Washington State Apprenticeship & Training Council
Signature of Secretary of the WSATC:
Date:

Attach additional sheets if necessary

FROM: Aviation Technical Services - #2176

10. Hydraulic and Pneumatic Systems.....	450225
11. Cabin Atmosphere Control Systems	10050
12. Aircraft Instrument Systems	200100
13. Communication and Navigation Systems	250125
14. Aircraft Fuel Systems	200100
15. Aircraft Electrical Systems	15075
16. Position and Warning Systems	200100
17. Ice and Rain Control Systems.....	200100
18. Fire Protection Systems.....	200100
19. Aviation Safety/Human Factors	200100

Total Hours: 60003000

IX. RELATED/SUPPLEMENTAL INSTRUCTION:

A. The methods of related/supplemental training must be indicated below (check those that apply):

- () Supervised field trips
- () Sponsor approved training seminars (specify)
- (X) Sponsor approved online or distance learning courses (specify)
 - ~~1. B737 600/700/800/900 General Familiarization~~
 - 2. ATS FAA General Subjects
 - ~~3. ATS FAA Airframe Subjects~~
- () State Community/Technical college
- () Private Technical/Vocational college
- (X) Sponsor Provided (lab/classroom)
 - 1. New Hire Indoctrination
 - 2. Safety Orientation
 - ~~3. Structural Techniques Basic~~
 - 4. MRO Fundamentals I
 - ~~5. MRO Fundamentals II~~

X. ADMINISTRATIVE/DISCIPLINARY PROCEDURES:

A.3. Sponsor Procedures:

The terms "ATS", the "Committee", and "Apprenticeship Committee" all mean the Aviation Technical Services Apprenticeship Committee.

- a. During the term of apprenticeship, the apprentice shall be given such instruction during RSI and experience during structured OJT to develop the skills and knowledge necessary for advancement on the job and proficiency in their occupation.**
- ~~b. The Apprenticeship Committee may provide completion certificates for apprentices who have successfully completed the first 2 years of the Aircraft Airframe Mechanic apprenticeship program.~~**
- ~~c. It is the responsibility of the Aircraft Airframe Mechanic apprentice to acquire their Federal Aviation Administration Aircraft Airframe and Power Plant certificate. This responsibility includes paying any costs associated with acquiring the certificate.~~**

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Apprenticeship Related/Supplemental Instruction (RSI) Plan Review

Program Name Aviation Technical Services	
Occupation Aircraft Airframe Mechanic	
Term/OJT Hours 3000	Total RSI Hours 216
Training Provider Aviation Technical Services	

By the signature placed below, the **program sponsor** agrees to provide the prescribed RSI for each registered apprentice and assures that:

1. The RSI content and delivery method is and remains reasonably consistent with the latest occupational practices, improvements, and technical advances.
2. The RSI is coordinated with the on-the-job work experience.
3. The RSI is provided in safe and healthful work practices in compliances with WISHA and applicable federal and state regulations.
4. The RSI Plan is maintained, updated and submitted to the Department a minimum of once every 5 years (WSATC Policy 2015-01; rev, 10-21-21).
5. The RSI will be conducted by instructors who meet the qualification of the "competent instructor" as described in WAC 296-05-003:
 - a. Has demonstrated a satisfactory employment performance in her/her occupation for a minimum of three years beyond the customary learning period for that occupation; and
 - b. Meets the State Board for Community and Technical Colleges requirements for a professional technical instructor (see WAC 131-16-080 through -094), or be a subject matter expert, which is an individual, such as a journey worker, who is recognized within the industry as having expertise in a specific occupation; and
 - c. Has training in teaching techniques and adult learning styles, which may occur before or within one year after the apprenticeship instructor has started to provide the related technical instruction.
6. If using alternative forms of instruction, such as correspondence, electronic media, or other self-study, instruction shall be clearly defined.

Signatures on next page

Form must be signed by Committee Chair *and* Secretary or Program's Authorized Signer

<input type="checkbox"/> Chair	Date	<input type="checkbox"/> Secretary	Date
<input checked="" type="checkbox"/> Authorized Signer	2/19/25		
Print Name: David Bowen	Print Name:		
Signature: <i>David Bowen</i>	Signature:		

Training Provider Signature

Approved By (Print Name): David Bowen	Title: Sr. Director, Workforce Development
Signature of the Training Provider: <i>David Bowen</i>	
Date: 1/27/2025	

If additional training providers are needed, go to page 4.

SBCTC

Print Name:	Title:
Signature of the Program Administrator:	
Date:	
<input type="checkbox"/> SBCTC recommends approval	<input type="checkbox"/> SBCTC recommends return to sponsor

Program Name Aviation Technical Services	Occupational Objective Aircraft Airframe Mechanic
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Note: The description of each element must be in sufficient detail to provide adequate information for review by the SBCTC and Review Committee. To add more elements, click on the plus sign that appears below the "Description of Element/Course" field.

Describe minimum hours of study per year in terms of (check one):

- 12-month period from date of registration.
- Defined 12-month school year.
- 2,000 hours of on-the-job training.

Element/Course: ATS New Hire Indoctrination – (Year 1)	Planned Hours: 32
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input type="checkbox"/> Lab <input checked="" type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Aviation Technical Services	
Description of element/course: New Hire Indoctrination Contents Include: Welcome, Introductions, History, Security, Business Ethics, Electronic Publications, Substance Abuse Prevention (DOT Requirements), Human Factors, Repair Station Manual, Operations Procedures Manual, Quality Assurance, FAA Regulations, and Time and Attendance. This course also includes the ATS Employee Policy Manual, Customer Training, and all basic requirements for maintenance personnel. Classroom (24) Lab (0) Online (8)	

Element/Course: ATS Safety Orientation – (Year 1)	Planned Hours: 8
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Aviation Technical Services	
Description of element/course: ATS Safety Orientation Contents Include: Introduction to General Safety, ATS EH&S Policy, Emergency Evacuation, Fire Prevention, HAZCOM, Radiation Awareness, Injury Reporting, Workers Compensation, Environmental Awareness, Electrical Safety, Lockout/Tagout, Machine Guarding, Confined Space Entry, Fall Awareness, Respirator Awareness and Fit Check, Dust Mask Information. This course includes all basic safety requirements for maintenance personnel. Classroom (8) Lab (0) Online (0)	

Element/Course: ATS MRO Fundamentals – (Year 1)	Planned Hours: 40
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Aviation Technical Services	
Description of element/course: Maintenance Repair Organization (MRO) Fundamentals I Contents Include: Roles and Responsibilities, Talk Aviation, Safety, Task Cards, My Boeing Fleet, Aircraft Zones and Stations, RSM, OPM, Lockout/Tagout, EWIS, FOD, Hand and Power tools Demonstration. This course will introduce the student to aviation MRO fundamentals for working in operations and on aircraft. Classroom (20) Lab (20) Online (0)	

Element/Course: B737-600/700/800/900 General Familiarization – (Year 1)	Planned Hours: 40
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Aviation Technical Services	
Description of element/course: B737-600/700/800/900 General Familiarization Contents Include: To familiarize the student with the information to identify the function, location, of components and operation of the B737-600/700/800/900 aircraft. This course will introduce and prepare the student to understand and have knowledge of different areas of the aircraft and their operation. Classroom (40) Lab (0) Online (0)	
Element/Course: Ground Support Equipment Training - (Year 1)	Planned Hours: 24
Mode of Instruction (check all that apply) <input type="checkbox"/> Classroom <input checked="" type="checkbox"/> Lab <input checked="" type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Aviation Technical Services.	
Description of element/course: Ground Support Equipment Training Contents Include: To familiarize and qualify the student to operate motorized equipment around and in the vicinity of aircraft. Classroom (0) Lab (16) Online (8)	
Element/Course: B737 MAX Differences – (Year 2)	Planned Hours: 72
Mode of Instruction (check all that apply) <input checked="" type="checkbox"/> Classroom <input type="checkbox"/> Lab <input type="checkbox"/> Online <input type="checkbox"/> Self-Study Provided by: Aviation Technical Services	
Description of element/course: Contents Include: To familiarize the student with the information to identify the function, location, of components and operation of the B737 MAX. This course will introduce and prepare the student to understand and have knowledge of different areas of the aircraft and their operation Classroom (72) Lab (0) Online (0)	

Additional Training Providers (if necessary)

Click or tap here to enter text.

Print Name Training Provider

Signature of Training Provider

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Title of Training Provider

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Organization of Training Provider

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