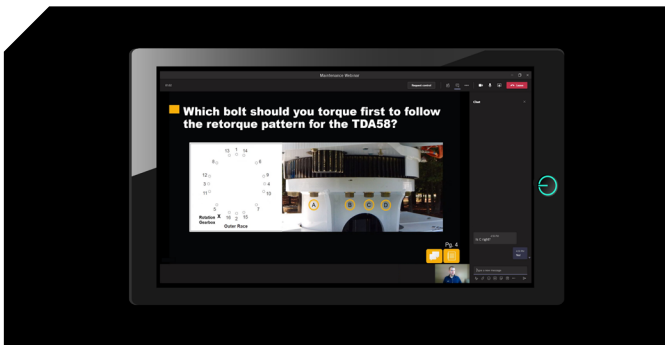




VIRTUAL MAINTENANCE TRAINING OVERVIEW

Overview

Interactive maintenance training webinars, eCourses and How To videos are available to help technicians learn virtually about preventive maintenance, hydraulic, electrical, and mechanical systems in addition to troubleshooting and other processes. After signing up, participants can access their upcoming courses, completed courses and training records.



Interactive Webinars

Interactive webinars are facilitated using the Microsoft Teams webinar platform, virtual learning tools, handouts and real-time instruction. Interactivity and participation are included and encouraged throughout the training. Choose a topic, a series and/or available unit training.



Maintenance eCourses and How To Videos

Technicians can navigate through training on unit systems and components at their own pace 24/7 with eCourses.

Short How To videos allow technicians to see a task or process when they need know.



Sign Up

Select from the virtual training options and contact us to sign up.

Email: service.training@altec.com or call (816) 901-4894 to learn more, schedule training or request training cost estimates.



The 60-minute interactive webinar sessions are facilitated using the Microsoft Teams platform, virtual learning tools, handouts and real-time instruction. These webinars are great as introductory training for new hires or as refresher training throughout the year. Courses are \$125 per participant link. Hydraulic Symbols is \$75 per participant link.

After registering, you should receive an email. You will be able to access the webinar at the scheduled time by clicking on the Microsoft Teams Meeting link in your email. We recommend logging in a few minutes early, as we will open the meeting 10 minutes before the start time to get everyone used to interacting with the virtual tools.

Frequently Asked Questions

Q What am I expected to do during this training?

A You will be asked to engage with the course content and the trainer throughout the session. This is done using audio, webcam, chat, polls, whiteboards and other virtual tools. There is also time at the end for questions and answers.

Q What software do I need?

A We use the Microsoft Teams webinar platform. When you click on the link to join the webinar, you will be given the option to join the meeting from the Microsoft Teams application or from your internet browser. For the best experience, we recommend downloading the Windows application. However, you can attend without downloading or installing by clicking “continue on this browser” after the prompt.

Q What equipment will I need?

A You will need a computer or electronic device with a stable internet connection, a webcam (usually built into the device), and a headset (or headphones with a microphone on it).

Q Do I have to take webinars in series order? For example, can I take Hydraulic 3 before Hydraulic 1?

A It's highly recommended that you take courses in series order because the courses are designed to build on each other.

Q Can I request a webinar for just my technicians?

A Absolutely. We set aside time slots for customer requests throughout the year. Currently, we are limiting requests to the list of available course offerings and are working to expand that list. Cost is \$125 per participant for a 60-minute session. A minimum of six people need to attend. The recommended maximum class size is 20 participants.

Q How do I sign up for the webinars?

A You can sign up for individual webinars or a webinar series and other courses by contacting the Altec Service Training Department by email at service.training@altec.com or by calling (816) 901-4894.



2025 INTERACTIVE WEBINARS MAINTENANCE TRAINING

UNIT SPECIFIC WEBINARS (NEW)



These interactive unit specific courses have been tailored to be facilitated using the Microsoft Teams platform, handouts and real-time instruction. Course length varies based on unit complexity. Cost varies based on course length.

DH-E (16 hours)

The DH-E is an E-Series derrick which has a CAN-based control system providing enhanced machine performance and maintenance troubleshooting capabilities using the AXIS Service Tool. The virtual course is interactive and is divided into two days, covering an introduction, unit specifications, safety, preventive maintenance, hydraulic and the electrical systems.

Note: Taking the AXIS and CAN webinars in addition to this course is strongly encouraged for technicians to properly troubleshoot and diagnose units with CAN-based systems.

JEMS S (4 hours)

This virtual training is divided into three parts. Participants will determine how to safely operate and troubleshoot the system, recognize individual components and explore circuits.

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The 60-minute interactive webinar sessions are facilitated using the Microsoft Teams platform, virtual learning tools, handouts and real-time instruction. These webinars are great as introductory training for new hires or as refresher training throughout the year. Technicians can participate in a learning path or select individual courses from the maintenance training webinar schedule.

2025 WEBINAR SERIES

JANUARY 27-30 | FEBRUARY 24-27 |
APRIL 14-17 | MAY 19-22 | JUNE 23-26 |
JULY 14-17 | AUGUST 4-7 | OCTOBER 6-9 |
NOVEMBER 17-20 | DECEMBER 8-11

Monday

8:30 a.m. Preventive Maintenance 1
10:00 Hydraulic Symbols
-break-
12:30 p.m. Basic Hydraulics 1
2:00 Basic Electrical 1

Tuesday

8:30 a.m. Preventive Maintenance 2
10:00 Preventive Maintenance 3
-break-
12:30 p.m. Basic Hydraulics 2
2:00 Basic Electrical 2

Wednesday

8:30 a.m. Basic Hydraulics 3
10:00 Basic Electrical 3
-break-
12:30 p.m. Power Distribution Module (PDM)
2:00 Controller Area Network (CAN) 1

Thursday

8:30 a.m. AXIS
10:00 Reading Hydraulic Schematics
-break-
12:30 p.m. Reading Electrical Schematics

Central time shown.



Sign Up

Tel: 816.901.4894

Email: service.training@altec.com



2025 INTERACTIVE WEBINARS

MAINTENANCE TRAINING

Course	Date	Time (CT)
AXIS Participants will discuss the benefits of the AXIS tool, navigation, credentials, inputs and outputs.	January 30	8:30 a.m. (CT)
	February 27	
	April 17	
	May 22	
	June 26	
	July 17	
	August 7	
	October 9	
	November 20	
	December 11	
Basic Electrical 1 Participants will define basic electrical concepts, examine Ohm's Law, discuss the importance of electrical safety and describe series and parallel circuits. They will also determine correct lead placement on the DVOM to test voltage, resistance and current and will determine where to place leads when testing.	January 27	2 p.m. (CT)
	February 24	
	April 14	
	May 19	
	June 23	
	July 14	
	August 4	
	October 6	
	November 17	
	December 8	
Basic Electrical 2 Participants will recall potential safety concerns when dealing with electrical circuits and components, identify electrical components by their symbols and trace flow through an electrical circuit.	January 28	2 p.m. (CT)
	February 25	
	April 15	
	May 20	
	June 24	
	July 15	
	August 5	
	October 7	
	November 18	
	December 9	



2025 INTERACTIVE WEBINARS

MAINTENANCE TRAINING

Course	Date	Time (CT)
Basic Electrical 3 Participants will identify components on electrical schematics, discuss types of chassis/machine interfaces and will explore the outrigger interlock system, electrical control systems and basic electrical diagnostics.	January 29	10 a.m. (CT)
	February 26	
	April 16	
	May 21	
	June 25	
	July 16	
	August 6	
	October 8	
	November 19	
	December 10	
Basic Hydraulics 1 Participants will use the basic principles of fluid power to answer questions, describe properties of hydraulic fluids and recognize corresponding symbols for components.	January 27	12:30 p.m. (CT)
	February 24	
	April 14	
	May 19	
	June 23	
	July 14	
	August 4	
	October 6	
	November 17	
	December 8	
Basic Hydraulics 2 Participants will recognize damaging effects of contamination and improper fluid in a hydraulic system, determine the proper procedure for taking a hydraulic fluid sample and identify where to find specification for fluid conductors.	January 28	12:30 p.m. (CT)
	February 25	
	April 15	
	May 20	
	June 24	
	July 15	
	August 5	
	October 7	
	November 18	
	December 9	



2025 INTERACTIVE WEBINARS

MAINTENANCE TRAINING

Course	Date	Time (CT)
Basic Hydraulics 3 Participants will identify hydraulic symbols for valves, determine valve placement in a system and identify internal valve components and types of flow controls.	January 29	8:30 a.m. (CT)
	February 26	
	April 16	
	May 21	
	June 25	
	July 16	
	August 6	
	October 8	
	November 19	
	December 10	
Controller Area Network 1 (CAN) Participants will identify types of chassis/machine interfaces, learn how to locate parameters on schematics and discuss how to isolate a fault in a circuit.	January 29	2 p.m. (CT)
	February 26	
	April 16	
	May 21	
	June 25	
	July 16	
	August 6	
	October 8	
	November 19	
	December 10	
Introduction to Hydraulic Symbols Participants will break down individual symbol components and identify symbols in a schematic.	January 27	10 a.m. (CT)
	February 24	
	April 14	
	May 19	
	June 23	
	July 14	
	August 4	
	October 6	
	November 17	
	December 8	



2025 INTERACTIVE WEBINARS

MAINTENANCE TRAINING

Course	Date	Time (CT)
Power Distribution Module (PDM) Participants will discuss safety procedures, and learn where to locate the PDM and identify circuitry and components in the PDM.	January 29	12:30 p.m. (CT)
	February 26	
	April 16	
	May 21	
	June 25	
	July 16	
	August 6	
	October 8	
	November 19	
	December 10	
Preventive Maintenance 1 Participants will identify sections of the Altec Maintenance Manual, discuss how to conduct a preventive maintenance inspection, use the Preventive Maintenance Checklist to determine when to replace filters and use charts for inspection processes and procedures.	January 27	8:30 a.m. (CT)
	February 24	
	April 14	
	May 19	
	June 23	
	July 14	
	August 4	
	October 6	
	November 17	
	December 8	
Preventive Maintenance 2 Participants will identify proper torquing procedures, determine when to perform turntable tilt, HOP, side load test inspections and how to identify basic testing procedures.	January 28	8:30 a.m. (CT)
	February 25	
	April 15	
	May 20	
	June 24	
	July 15	
	August 5	
	October 7	
	November 18	
	December 9	



2025 INTERACTIVE WEBINARS

MAINTENANCE TRAINING

Course	Date	Time (CT)
Preventive Maintenance 3 Participants will discuss hydraulic system pressure checks, the rotation bearing and gearbox, structural tests, manual stowage and atmospheric vent testing.	January 28	10 a.m. (CT)
	February 25	
	April 15	
	May 20	
	June 24	
	July 15	
	August 5	
	October 7	
	November 18	
	December 9	
Reading Electrical Schematics Using schematics, participants will trace the flow of electrons through an electric circuit and troubleshoot a given scenario.	January 30	12:30 p.m. (CT)
	February 27	
	April 17	
	May 22	
	June 26	
	July 17	
	August 7	
	October 9	
	November 20	
	December 11	
Reading Hydraulic Schematics Using schematics, participants will trace the flow of hydraulic oil through an electric over hydraulic system and troubleshoot a given scenario.	January 30	10 a.m. (CT)
	February 27	
	April 17	
	May 22	
	June 26	
	July 17	
	August 7	
	October 9	
	November 20	
	December 11	



MAINTENANCE ECOURSES AND HOW TO VIDEOS

Introductory Level eCourses

Self-paced (1 hour)

Introductory maintenance eCourses are available for some Altec units. Each course can be completed in approximately one hour at the learner's convenience and pace. The courses allow learners to navigate through unit systems and components to better understand inspections and repairs. These introductory courses are a good starting point for technicians who are unfamiliar with a specific Altec unit and can serve as solid preparation for the live, unit specific trainings.

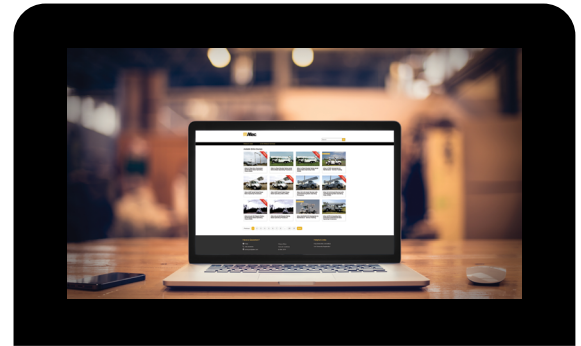
Course Content

- Unit specifications
- Safety
- Preventive maintenance and inspection
- Hydraulic system(s)
- Mechanical system(s)
- Electrical system(s)
- Troubleshooting

eCourse units available:

- AA/AN/AN-OC
- AM50/55/60
- AT200A
- AT235P
- AT30-G/AT35-G/AT37-G
- A-T40C
- AT40-G
- D2000B/3000B/4000B
- DLB/DMB
- DT80
- T40P
- TA50/55/60

NEW



Maintenance How To Videos

(short/exact length varies)

A collection of short maintenance How To videos is now available. The videos illustrate different tasks and procedures that can serve as a great starting point for technicians learning to perform specific checks/tests and to use Altec resources. Each video provides a quick look at how to do something and can be handy when a technician needs it.

- Altec Rotation Fastener Annual Torque Inspection
- Checking Pilot Pressure
- DH-E Slip Ring Overview
- HOP Testing
- How to Perform a Structural Test
- How to Use the Altec Maintenance Manual
- How to Use the Lubrication Chart
- How to Use the Preventive Maintenance Checklist
- How to Use the Weld Figure
- Hydraulic Oil Sample
- Hydraulic System Filters



To enroll, contact the Altec Technical Training Department by email at service.training@altec.com or call (816) 901-4894.



VIRTUAL TRAINING REQUEST FORM

SERVICE.TRAINING@ALTEC.COM

To sign up for Maintenance Interactive Webinars or eCourses, please provide the following information and email this form to service.training@altec.com. Submitting this form does not automatically reserve a seat. You will receive confirmation after submission. Enrollment closes a day prior to the scheduled webinar sessions.

General Information

Company Name:

Billing Address:

PO:

Contact Information

Name:

Phone:

Email:

Comments:

Course Information

Course title(s) and Session Date(s):

Example: Preventive Maintenance Series, August 13.

Number of participant links per course (1-20):

Participant name(s) and email(s):

Example: Firstname Lastname, address@email.com;

If you have any questions, contact the Service Training Department by email at service.training@altec.com or call the Service Training Department at (816) 901-4894.

*Altec Service does not provide training to third-party service providers.