

Caterpillar Integrated Tool Carrier Safety Training

Video/VHS Format 4 min

Operator instructions for safe operation with capacities and precautions.

CDL Pre-Trip Inspection: Tractor Trailer Version

1992 © Wumbus Corporation Video/VHS Format 28 min

This video simulates a live action pre-trip inspection test with an examiner, driver and vehicle.

CDL Skills and Road Test: Tractor Trailer Version

1992 © Wumbus Corporation Video/VHS Format 25 min

The tape simulates the test that covers the six basic controls: forward stopping, straight-line backing, alley docking, measured right turn, parallel parking and serpentine backing.

Chain Sharpening Discussion

1991 © Blout, Inc. Video/VHS Format

A very thorough review of chain sharpening practices.

Part 1: Hand sharpening

Part 2: Sharpening with a grinder.

24 min

Chainsaw Maintenance and Safety

1993 © SafetyCare Video/VHS Format 17 min

This is a very good video that contains solid, basic information on sharpening, different cutting procedures, and safety.

Chainsaw Safety

1984 Omark Video/VHS Format 21 min

Depicts the "how to" and the "how not to" of using the chainsaw. Compares the work habits of two men and shows in graphic detail the consequences of bad work habits.

Chainsaw Selection & Maintenance

1992 © National Arborist Association Video/VHS Format 12 min

A good program on maintaining a saw: fueling, cleaning, and sharpening.

Production of this program was partially funded by Shindaiwa, Inc., Tualatin, Oregon.

Chainsaw Use & Safety

1992 © National Arborist Association Video/VHS Format 16 min

Good program on safe cutting techniques. Tree falling, limbing, and bucking are shown, as well as work from an aerial bucket while the operator is secured in a tree.

Chainsaws and Common Sense for Pro-Loggers

© Stihl Corp. Video/VHS Format 15 min

A good video for very large tree felling and basic chainsaw safety.

Equipment and Maintenance Series (Tape 1)

Utah DOT	Video/VHS Format	1 hr 56 min
Overview Equipment Operation and Maintenance		13 min
Introduction to UDOT's preventive maintenance program.		
Motor Grader		
Part 1: Motor grader characteristics: start-up, walk around inspection, engine checks, lubrication, cab inspection, and shut down		18 min
Part 2: Blade positions and maneuvering		17 min
Part 3: Grading shoulders: blade mixing asphalt, leveling, and cleaning ditches		17 min
Part 4: Preventive maintenance: oil change, fluid checks, filter checks and changes, and lubrication		9 min
Loader Operation		
Part 1: Pre-trip inspection: start up procedures, loader controls, and shutdown		19 min
Part 2: Maneuvering and basic operations		
Part 3: Preventive maintenance: oil change, fluid checks, filter checks and changes, and lubrication		14min 9 min

Equipment and Maintenance Series (Tape 2)

Utah DOT	Video/VHS Format	1 hr 41 min
Weed Sprayer		
Part 1: Major components of an operator two tank black/red system		11 min
Part 2: Daily preventive maintenance and operating techniques		14 min
Dump Truck		
Part 1: Daily check, start-up, and shutdown		12 min
Part 2: Operating a truck with a two-speed single rear axle: shifting, driving, braking, turning, backing, loading, dumping, and spreading		11 min
Part 3: Operating a thirteen-speed tandem-axle		21 min
Part 4: Working with Pups (Pup trailers): hookup, towing, loading dumping, spreading, and unhooking		14 min
Part 5: Preventive maintenance		18 min

Equipment and Maintenance Series (Tape 3)

Utah DOT	Video/VHS Format	2 hr 10 min
Crane Operation		18 min
Part 1: Preventive maintenance of a hydraulically operated yard runner and of a truck mounted crane		
Part 2: Correct operation of the crane		19 min
Bucket Truck		
Part 1: Daily checks and preventive maintenance		22 min
Part 2: Safe operation of winch, auger, and bucket		15 min
Forklift		
Part 1: Operating techniques		14 min
Part 2: Preventive maintenance		8 min
Rotary Mower and Tractor		
Part 1: Daily checks, lubrication, and blade changing		9 min
Part 2: Operation and operation techniques		11 min
Part 3: Preventive maintenance		14 min

Equipment and Maintenance Series (Tape 4)

Utah DOT	Video/VHS Format	2 hr 57 min
Straight Blade Snow Plows		
Part 1: Mounting on truck, daily checks, and storing		10 min
Part 2: Blade usage		10 min
Highway Sanders		
Part 1: Hookup, daily checks, operation, cleanup, and storage		13 min
Part 2: Sander calibration for salt usage		12 min
Crack Sealer Operation		
Part 1: Major components, valves, and controls		19 min
Part 2: Daily check, lighting, agitation, application, and cleanout*		21 min
* The cleanout procedure shown may violate disposal standards.		
Tar Pot (with attached distributor bar):		
Components, daily checks, operation, and cleanout.		9 min
Cracker Sealer and Tar Pot Preventive Maintenance:		
Bearing lubrication and servicing the engine.		10 min
Bulldozer Preventive Maintenance:		
Daily checks (fluid levels and lubrication), start-up, and shut down.		13 min

Equipment and Maintenance Series (Tape 6)

Utah DOT	Video/VHS Format	2 hrs
Part 1: Routine Structure Cleaning		17 min
Superstructure, deck, and drainage system cleaning. Procedures are demonstrated on medium and large concrete bridges.		
Part 2: Maintaining Drainage		10 min
Cleaning channels, culverts, drop inlets, and catch basins. Rural road settings are shown.		12 min
Part 3: Remove Minor Slides and Clean Ditches		
Using grader and loader to remove material and reshape ditch (mountain/canyon settings).		16 min
Part 4: Guardrail Maintenance		
Typical section, turned down end, and attachment to bridges.		17 min
Part 5: Edge Rut Repair/Grading Gravel Shoulders		
Placement and shaping of shoulder material.		9 min
Part 6: Mowing Guidelines and Techniques		
When? Where? How?		

Equipment and Maintenance Series (Tape 7)

Utah DOT	Video/VHS Format	1 hr 53 min
Part 1: Patching With Hand Tools The use of pavement breaker and tamper to repair potholes in AC pavement. The first few minutes of the program are taken up with an explanation of how a truck's hydraulic system is used to a power the tools.		12 min
Part 2: Pothole Patching The use of non-powered hand tools to patch potholes.		16 min
Part 3: Temporary Patching Patching done with aggregate or asphalt material using broom, shovel, and Darby rake.		7 min
Part 4: Crack Sealing The use of air or heat wand, sealant wand, and squeegee.		8 min
Part 5: Bituminous Seal Coats		17 min
• Preparation, placement and rolling		11 min
• Transverse and longitudinal joints		8 min
Part 6: Maintaining Non-hard Roads Use a grader to reshape an aggregated road.		9 min
Part 7: Bituminous Surface Placement Use of grader and roller in repairing an alligator cracked surface that does not have base failure. A cold bituminous mix is used.		12 min
Part 8: Repair of Wheel Rutting Blade patching a full lane width using a cold bituminous mix.		13 min
Part 9: Base Repair Excavation and repair are made with front-end loader, grader, and steel-wheeled roller. Granular material is used for sub-base and base, a cold bituminous mix for the pavement.		

Equipment and Maintenance Series (Tape 8)

Utah DOT	Video/VHS Format	1 hr 52 min
Tow Type Sweeper Operation		
Part 1: Daily check and operation		16 min
Part 2: Preventive maintenance		8 min
Rollers		
Part 1: Pneumatic Tire Roller Operation		18 min
Part 2: Preventive maintenance		12 min
Part 3: Steel Wheel Roller Operation. Daily check, start-up and warm-up, hookup and towing, basic operation, rolling techniques, and shutdown		20 min
Air Compressor		10 min
Daily check, start-up, tool hookup, operation, and shutdown		
Structure Inspection		18 min
Procedures for routine inspection of steel and concrete structures and concrete decks		

Equipment Tie-down: Tilt-bed Trailers

1995	Washington State DOT	Video/VHS Format	18 min
This video will give you instructions on how to safely hook trailer to towing vehicle. It also covers checking the trailer for defects, trailer hauling capacities, binders and chain requirements, and proper tie-down procedures.			

Forklift Safety (Two parts)

1997	© Coastal Video Corp.	Video/VHS Format	37 min
Tape 1: Get the Facts - Forklift design, pre-use inspection, and truck stability			18 min
Tape 2: Carry the Load - Operations			19 min

Forklift Safety Series: Forklift Basics

	© NUS Training Corp.	Video/VHS Format	18 min
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Tape 1 of 3 in a series. This tape covers equipment basics; watch along with parts 2 and 3 for a good overall forklift safety introduction or update that is clearly presented. These videos are good preparation for required operator evaluations every 3 years.

Forklift Safety Series: Forklift Safety Checks

	© NUS Training Corp.	Video/VHS Format	12 min
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Tape 2 of 3 in a series. This tape covers pre-operational and operational safety checks. Watch along with parts 2 and 3 for a good overall forklift safety introduction or update that is clearly presented. These videos are good preparation for required operator evaluations every 3 years.

Forklift Safety Series: Safe Forklift Operation

	© NUS Training Corp.	Video/VHS Format	16 min
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Tape 3 of 3 in a series. This tape covers the basic safe operation of a forklift; watch along with parts 2 and 3 for a good overall forklift safety introduction or update that is clearly presented. These videos are good preparation for required operator evaluations every 3 years.

Forklift Safety Training

1999	© Long Island Production	Video/VHS Format	21 min
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A quick review of equipment characteristics, operating hazards, and general safety rules.

Hand and Power Tools Fleet Shop

1997	© Long Island Productions, Inc.	Video/VHS Format	16 min
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This short program does an excellent job in presenting how to use many air and hand tools with a focus on safety.

How Attachments Improve Backhoe Loader Versatility

	© John Deere Training Center	Video/VHS Format	15 min
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Fifty innovative attachments are featured for John Deere tractors. See how attachments improve the working of the machines utilization and productivity.

How to Get More Out of Your Motor Grader

1989	© John Deere Training Center	Video/VHS Format	25 min
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This program provides information on using a motor grader for remaking road surfaces including scarifying the roadbed, pulling ditches, and building new crowns on the roadway surface.

Pneumatic Tire Roller

Utah DOT	Video/VHS Format	
Part 1: Pneumatic Tire roller Operation: daily check, start-up and warm-up, basic operation, rolling techniques, and shutdown.		18 min
Part 2: Rollers PM-A: preventive maintenance routines for pneumatic tire and steel wheel rollers with attention to fluids, filters, and lubrication.		13 min

Preventive Maintenance Series: Introduction

Nebraska DOT	Video/VHS Format	14 min
An introduction to a series of tapes on proper operation of heavy equipment. The need to regularly check equipment is stressed.		

Preventive Maintenance Series: Loaders

Nebraska DOT	Video/VHS Format	
Part 1: Pre-trip inspections, start-up procedures, loader controls, and shutdown		20 min
Part 2: Maneuvering and basic operations		16 min

Preventive Maintenance Series: Motor Grader

Nebraska DOT	Video/VHS Format	
Part 1: Basic Information, start-up, and shutdown		19 min
Part 2: Blade positions and maneuvering		18 min
Part 3: Operating techniques: grading shoulders, blade mixing asphalt, laying cold mix, and pulling ditches		18 min
Part 4: Blading unpaved roads		18 min

Preventive Maintenance Series: Mowers

Nebraska DOT	Video/VHS Format	
Part 1: Pre-trip inspections		15 min
Part 2: Operations		15 min

Preventive Maintenance Series: Snow Plow and Spreader

Nebraska DOT	Video/VHS Format	
Part 1: Equipment and hookup		13 min
Part 2: Daily checks		16 min
Part 3: Techniques		19 min

Preventive Maintenance Series: Tilt Bed Trailers

Nebraska DOT	Video/VHS Format	
Part 1: Pre-trip inspections, hooking up, and loading		15 min
Part 2: Towing, basic maneuvering, unloading, and loading materials (guardrail and pipe)		12 min

Preventive Maintenance Series: Trucks

Nebraska DOT	Video/VHS Format	
Part 1: Pre-trip Inspection, start-up procedures, and transmissions		19 min
Part 2: Basic maneuvering, dump box operation, and shutdown		18 min

Winners... Losers

© Caterpillar

Video/VHS Format

13 min

This film demonstrates good lift truck operation as well as showing some of the consequences of incorrect practices.
