

Mobile Elevated Work Platforms

This document should serve as a resource guide for the training of Operators and Occupants of Mobile Elevated Work Platforms (MEWP) for the Virginia Wadsworth Wirtz Center for the Performing Arts at Northwestern University.

No employee, client, contractor, or student shall operate a MEWP without documented training in accordance with University Policy, OSHA regulations, ANSI standards or manufacturers requirements.

Material for training

<https://northwestern.box.com/s/kmbg19sc8u1nse5z0tjcnbkll2xseuvt> (NU MEWP policy)

<https://northwestern.box.com/s/upalzr0qw7ktbfnfno5hlvn8uofkpvcf> (OSHA MEWP fact sheet)

<https://northwestern.box.com/s/ra29a99tbbt8bf50qjmirxt2rk2ytggh> (Digital copies of owner's manuals)

ATLAS™ MEWP training book located in scene shop office.

Required Documentation of training for each operator.

[Wirtz MEWP Operator Written Exam](#)

[Wirtz MEWP Practical Test](#)

Completion of University MyHR Class ID : FACS349-200

Required Documentation prior to work

[Wirtz certification of MEWP training](#)

- [Pre-operation checklist](#)
 - [Risk assessment](#)
 - [Rescue Plan](#)
 - [Occupant Training](#) (if operating with occupants)

Required Documentation on each MEWP

- Operators Manual for that MEWP
- Manual of Responsibilities ANSI A92.6)
- Up to date annual inspection log (each MEWP will need inspected by a qualified mechanic annually (within 12 months of last inspection)
- [Occupant Training guide](#)

Supplemental training resources

<https://www.osha.gov/laws-regs/standardinterpretations/standardnumber/1926/1926.453%20-%20Index/result>

<https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.453>

<https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.67>

<https://www.youtube.com/watch?v=ElN2Ik9bmo>

<https://www.youtube.com/watch?v=nVvRmB6Rpas>

<https://northwestern.box.com/s/cayqbd3xl6ylqm136lly07g27f4jfgph>

<https://northwestern.box.com/s/cbqxkbrj8bidevlef88staieq9nih8n>

Mobile Elevated Work Platforms

Practical (Hands-On) Training

ANSI A92.24-2018 7.3

Under direction and evaluation of the qualified trainer, the trainee shall operate the MEWP for a sufficient Period of time to demonstrate proficiency regarding the following:

- A) Walk around and familiarization with MEWP
- B) Major Components – identification and function
- C) Perform pre-start inspection – carry our daily checks and inspections
- D) Planning the route of travel and worksite inspection
- E) Setting the MEWP for work (if applicable)
- F) Operation and function of all controls – completing course tasks
- G) Parking and securing the MEWP

Type 1 Group A – Genie AWP Super-series	Observations	Date of Training: _____
Name of Instructor: _____		
Name of Trainee: _____		
Trainee is capable of: _____		

SUITABILITY	Assess the suitability for the task. <i>(Jobsite Risk assessment) (Rescue plan)</i>	
Verification	Visually check condition of the MEWP <i>(pre-use checklist)</i>	
	Verify the safety-related items specified by the manufacture operate correctly. <i>(pre-use checklist)</i>	
POSITIONING and DEPLOYMENT	Route planning	
	Positioning the unit at task location	
	Set up markers and signs	
	Bring MEWP into service (power cord deployed and dressed)	
	Install outriggers	
	Adjust outrigger screw jacks	
	Confirm bubble gauge centered	
	Confirm proper outrigger installation via interlock lights	
	Weight of operator + materials + tools do not exceed MEWP weight limit	
Ascent	Tools and materials are evenly distributed secured from falling and do not interfere with comfortable use.	
	Operator announces ascent & visually confirms others are not in danger by doing so	
At height	Operator watches for overhead hazards while ascending	
	Operator maintains balance while performing task (does not push or pull the platform out of plumb)	
Descent	Operator remains within the confines of the platforms guardrails and feet remain planted on platform deck	
	Operator announces descent & confirms others are not in danger by doing so	
Removing MEWP from service	Operator watches for others who may come into danger zone while descending	
	Key removed, outrigger screws loosened, outriggers removed and stored. Power cord coiled and stored. MEWP returned to designated storage	
EMERGENCY	Communicates emergency to on-site supervisor	
	Perform rescue maneuvers	
	Perform rescue maneuvers from ground position	

Mobile Elevated Work Platforms

Practical (Hands-On) Training

Type 3 Group A – Marklift CH20NEP	Observations	Date of Training: _____
Name of Instructor: _____		
Name of Trainee: _____		
Trainee is capable of: _____		

SUITABILITY		Assess the suitability for the task. (Jobsite Risk assessment) (Rescue plan)	
Verification		Visually check condition of the MEWP (pre-use checklist)	
		Verify the safety-related items specified by the manufacture operate correctly. (pre-use checklist)	
Ascent		Operator announces ascent & visually confirms others are not in danger by doing so	
		Operator watches for overhead hazards while ascending	
Platform Raised	Platform in direction of travel	Travel in a straight line forward	
		Travel in a straight line backwards	
		Travel in a curve (slalom, bend) forward	
		Travel in a curve (slalom, bend) backwards	
	Platform in opposite direction to travel	Travel in a straight line forward	
		Travel in a straight line backwards	
		Travel in a curve (slalom, bend) forward	
		Travel in a curve (slalom, bend) backwards	
Descent		Operator announces descent & visually confirms others are not in danger by doing so	
		Operator watches for others who may come into danger zone while descending	
TRAVELLING		Use the Audible warning correctly	
		Looks backwards before moving backwards	
		Display safe travel and obey all rules and notice boards	
		Adapt driving to suit the traffic conditions (congestion, bend, etc.)	
		Smoothness of maneuvers	
		Accuracy of maneuvers	
Positioning		Position the work platform above a flat surface (boom extended)	
		Position the work platform below a flat surface	
		Position the work platform in a restricted space	
		Demonstrate the correct procedure in the event of an inclination warning	
		Movements	
		Operator remains within the confines of the platforms guardrails and feet remain planted on platform deck	
Removing MEWP from service		Returned to designated storage, Key removed, Ground control E-stop engaged, Battery charger plugged in, cable dressed.	
EMERGENCY		Communicates emergency to on-site supervisor	
		Perform rescue maneuvers	
		Perform rescue maneuvers from ground position	

Virginia Wadsworth Wirtz Center for the Performing Arts

Northwestern University

1949 Campus Drive. Evanston IL. Wirtz Center

Date: 2/10/21

Wirtz MEWP Certification

Mobile Elevated Work Platforms

Wirtz Authorized Trainer(s) Matthew Buettner, Peter Anderson

Certified to operate the following MEWPs

Within Virginia Wadsworth Wirtz Center for Performing Arts
10 Arts Circle Dr.
Evanston IL 60208

MAKE	MODEL	SERIAL #	CLASS	
Genie	AWP-25S	AWP03-26133	Type 1, Group A	
Genie	GR-20	GRP-47764		
MarkLift	CH20NEP	25418	Type 3, Group A	
MarkLift	CH20NEP	25421	Type 3, Group A	

Written examination results: PASS/FAIL

Hands on examination results: PASS/FAIL

Trainee Name _____

Date of Certification: _____

Date Certification expires(3years) _____

OPERATOR SIGNATURE: I agree to abide by all safety rules, regulations, and company policies set forth in the "Wirtz MEWP Training" course that I have completed.

Trained Operator Signature: _____ Date: _____

Authorized Trainer Name: _____

Authorized Trainer Signature: _____ Date _____

Mobile Elevated Work Platforms

Practical (Hands-On) Training

Type 1 Group Genie Runabout GR-20	Observations	Date of Training: _____
Name of Instructor: _____		
Name of Trainee: _____		
Trainee is capable of: _____		

SUITABILITY		Assess the suitability for the task. (Jobsite Risk assessment) (Rescue plan)	
Verification		Visually check condition of the MEWP (pre-use checklist)	
		Verify the safety-related items specified by the manufacture operate correctly. (pre-use checklist)	
Ascent		Operator announces ascent & visually confirms others are not in danger by doing so	
		Operator watches for overhead hazards while ascending	
Platform Raised	Platform in direction of travel	Travel in a straight line forward	
		Travel in a straight line backwards	
		Travel in a curve (slalom, bend) forward	
		Travel in a curve (slalom, bend) backwards	
	Platform in opposite direction to travel	Travel in a straight line forward	
		Travel in a straight line backwards	
		Travel in a curve (slalom, bend) forward	
		Travel in a curve (slalom, bend) backwards	
Descent		Operator announces descent & visually confirms others are not in danger by doing so	
		Operator watches for others who may come into danger zone while descending	
TRAVELLING		Use the Audible warning correctly	
		Looks backwards before moving backwards	
		Display safe travel and obey all rules and notice boards	
		Adapt driving to suit the traffic conditions (congestion, bend, etc.)	
		Smoothness of maneuvers	
		Accuracy of maneuvers	
Positioning		Position the work platform above a flat surface (boom extended)	
		Position the work platform below a flat surface	
		Position the work platform in a restricted space	
		Demonstrate the correct procedure in the event of an inclination warning	
		Movements	
		Operator remains within the confines of the platforms guardrails and feet remain planted on platform deck	
Removing MEWP from service		Returned to designated storage, Key removed, Ground control E-stop engaged, Battery charger plugged in, cable dressed.	
EMERGENCY		Communicates emergency to on-site supervisor	
		Perform rescue maneuvers	
		Perform rescue maneuvers from ground position	

Wirtz MEWP Written Exam

Mobile Elevated Work Platforms

Wirtz Authorized Trainer(s) Matthew Buettner, Peter Anderson

1. Mobile Elevated Work Platforms or MEWP may be operated by anyone?
 - True
 - False
2. Before use of a MEWP an operator must:
 - a. Complete a pre-use inspection
 - b. A worksite hazard assessment
 - c. Complete a rescue plan
 - d. All of the above
3. Disabling safety switches is allowed when:
 - a. The job necessitates it
 - b. Moving from one location to another
 - c. Never. It is never allowed
4. Assessing the condition and functionality of a MEWP before use is the responsibility of:
 - a. The operator
 - b. The manufacturer
 - c. The occupant
5. Which is an acceptable ladder to use in a MEWP:
 - a. A short one
 - b. An extension ladder
 - c. Ladders are never permitted in a MEWP:
6. When a new worksite hazard is identified:
 - a. It should be documented by a workplace risk assessment prior to work beginning
 - b. It should be documented by a workplace risk assessment at the end of the day
 - c. It can be ignored
7. In terms of capacity, MEWP may be used to lift:
 - a. A combined weight of equal or less than the manufacturer's posted limit
 - b. The weight of the operator, if less than the posted limit
 - c. The weight of the tools, if less than the posted limit
 - d. If everyone involved had a light lunch
8. It is permissible to reach between a "scissor lifts pinch points" if:
 - a. You have ninja reflexes
 - b. Nobody is looking
 - c. You told the operator to hold still

- d. The machine is deenergized and properly locked and
- tagged as per manufacturer's maintenance instructions found in the operating manual

9. Outriggers are only necessary when a MEWP is traveling to it's maximum height.

- a. True
- b. False

10. People can hear a MEWP moving so little precaution is necessary around pedestrians.

- a. True
- b. False

11. Modification of a MEWP is an acceptable way to add functionality.

- a. True
- b. False

12. What is the appropriate response if you find a hydraulic fluid leak?

- a) Tape it up, we have work to do.
- b) Attempt to repair on your own.
- c) Wipe up spill and continue work.
- d) Notify supervisor, lock/tag out lift, discontinue use until repaired .

13. Climbing on or over the railings of a MEWP is ok when:

- a. you are not very high
- b. you are pretty sure you got it all under control
- c. never acceptable
- d. the job necessitates

14. MEWP may be operated without supervision.

- a. true
- b. false

15. There is no responsibility for an Operator to train an Occupant.

- a. True, they just along for the ride
- b. False, A Qualified Operator must give or confirm proper instruction to an Occupant prior to work

16. In the event of a loss of primary controls while raised the operator should:

- a. Climb down the lift and get help.
- b. Wait patiently until your situation is discovered.
- c. Coordinate with on site supervisor to use alternate and ground controls to lower MEWP.

17. Should a MEWP fail a pre-use or maintenance inspection it shall be:

- a. Removed from service until the problem is forgotten
- b. Used with caution
- c. Immediately removed from service in accordance with lock out tag out procedures

18. Labels and decals are:

- a. Required to be present and legible
- b. Required to be present but may be obscured
- c. Not important to OSHA

19. Someone under the age of 18 is allowed to operate a MEWP:

- a. Never
- b. when accompanied by their guardian
- c. If extremely necessary

20. Given it's size, the Louis stage poses no hazards and a risk assessment is unnecessary.

- a. True
- b. False

21. A workplace risk assessment is required:

- a. Before the MEWP arrives at the worksite
- b. Once a year
- c. If conditions of the workplace change
- d. A and C

22. Which tasks should be completed at the end of a work shift?

- a. Scenic v. Props jousting tournament.
- b. MEWP should be cleared of all tools and debris.
- c. Nothing, just leave MEWP on the worksite for tomorrow.
- d. MEWP should be plugged in to charge and operating key removed.
- e. b & d

23. What should you do if you need to move the MEWP while other workers are present?

- a. Lower platform, notify other workers of direction of travel, move MEWP
- b. Notify workers, lower platform, move MEWP
- c. Move MEWP, notify workers, lower platform.
- d. Lower platform, move MEWP, go to lunch

24. What step should be taken before attempting any repair work on the MEWP?

- a. Notify supervisor.
- b. Engage breaks.
- c. Disconnect negative battery cable.
- d. Plug in battery charger.

26. What type of hazard can you be exposed to while using a MEWP?

- a. Tip-over hazard.
- b. Electrocution hazard.
- c. Fall hazard.
- d. All of the above.

27. What should you never do when winching or towing a MEWP?

- a. Safety Dance.
- b. Drive or pull MEWP onto a downward slope.
- c. Chock block the tires.
- d. Turn off main power switch.

28. There are 3 different MEWPs in the Wirtz Center. Which one requires the use of outriggers?

- a. Marklift
- b. Genie
- c. Skyjack
- d. none of the above

29. It is okay to use only a couple outriggers if the MEWP is braced against a wall.

- True
- False

30. If a MEWP loses power while elevated what should you do?

- a. Check to see if the emergency stop button is engaged.
- b. Climb down.
- c. Signal supervisor or fellow worker to lower the platform with manual release.
- d. a or c

31. What should you check on the Genie, MEWP if the platform won't rise?

- a. Emergency stop button.
- b. Check tightness of outriggers.
- c. Power chord or battery connection.
- d. All of the above.

32. It's okay to raise a MEWP while strapped to a truck or trailer to get more height.

- True
- False

33. Never use the MEWP as a welding ground.

- True
- False

34. MEWP should only be raised by the ground control panel for maintenance.

- True
- False

35. To drive on prepared ramps or slopes MEWP must be.

- a. Raised
- b. Lowered
- c. You can only travel on a flat surface.
- d. No action is necessary.

36. It is okay to make turns on a ramp or grade.

- True
- False

37. How often should the hydraulic oil be checked?

- a. Daily
- b. Weekly
- c. Monthly
- d. Yearly

38. If one MEWP has a dead battery, you can use another to jumpstart it.

- True
- False

39. If you are using the extension platform on your MEWP, what must you do before raising or lowering?

- a. Retract the platform extension.
- b. Notify other workers in the area.
- c. Check for obstructions below and above extension.
- d. Nothing, just lower the platform.

40. The fold-down guard rail on most MEWPs are only to be lowered when transporting through standard doorways.

- True
- False

41. When the safety bar is engaged, it is okay to lower the MEWP.

- True
- False

42. When checking the water level on the batteries. The water should be filled to were?

- a. All the way to the top.
- b. Halfway.
- c. Water should not be visible.
- d. Just above or 1/2" above battery plates.

43. Distilled water is the only water that should be used to refill batteries.

- True
- False

44. What is the proper shutdown procedure.

- a. Chock wheels, lower platform, push in emergency stop button.
- b. Fully lower platform, Turn key switch off and remove, Push in emergency stop button.
- c. Fully lower platform, Push in emergency stop, chock wheels.
- d. Push emergency stop button, fully lower the platform, turn key switch off and remove.

45. When moving a MEWP down a ramp workers should stand in front of it so it doesn't roll down the ramp too fast.

- True, it is valuable equipment and needs to be protected.
- False, the worker is most important and standing in front of a heavy rolling object is dangerous.

46. You can use the MEWP as a crane if-

- a. You add a counterweight and extend the platform.
- b. As long as it does not exceed the MEWP's load limit for occupants and tools.
- c. You should never use it as a crane.

47. If there is an indicator light that isn't on when the outriggers are installed, what does that mean?

- a. The bulb has burnt out and needs replacement.
- b. The outrigger is not fully tightened.
- c. The lock pin in not in place.
- d. All are possible so check them.

48. Load rating of a MEWP can be found where?

- a. On the load rating decal present on the MEWP.
- b. In the owner's manual for the MEWP
- c. On the WIRTZ MEWP pre-op checklist
- d. All of the above
-

49. Stability of the MEWP is affected by

- a. Ground conditions below the MEWP
- b. Mechanical condition of the MEWP
- c. position of the operator in the MEWP
- d. atmospheric conditions the MEWP is operating in
- e. All of the above

50. Manuals should be used to

- a. Learn the intricacies of the MEWP as described by the manufacturer
- b. determine the proper use of the MEWP
- c. learn maintenance schedules determined by the manufacturer.
- d. All of the above

51. Information displayed on decals and placards include

- a. Load limit
- b. maximum height
- c. where forklift lift points are located
- d. what actions and uses are not permitted.
- E. all of the above

52. Emergency decent controls are located where on the MEWP

- A. Front of the MEWP
- B. Side of the MEWP
- C. Ground control box
- D. Platform control box
- E. Depends on the MEWP

53. Unauthorized use of a MEWP is prevented by

- A. removal of the key when MEWP is not in sight of operator is over 25' away
- B. hiding the MEWP in a corner
- C. leaving the MEWP elevated when not in use

Make:	Marklift (Blue)	Model:	CH20NEP	Type:	Type 3, Group A	Date:	
Serial No.	25421	Rated # of Occupants:	3	Load Capacity:	800lbs (363kg) Incl. Occupants	Northwestern University Virginia Wadsworth Wirtz Center	
		Load allowed on EP deck:	300lbs (136.1kg)				
Pre-Operations checklist				Archive this form after completion			
Always follow the equipment manufacturer's maintenance and safety instructions to ensure a thorough inspection.	Documentation	Matching Make/Model and be located on unit	Manufacturer's operator manual onboard (weather-resistant compartment) (OP&M)	<input type="checkbox"/>			
			Manufacturer's Service and Maintenance Manual onboard(S&M)	<input type="checkbox"/>			
			Manual of Responsibilities ANSI A92.6	<input type="checkbox"/>			
			Occupant Training Guide	<input type="checkbox"/>			
	Wheels	Pg. 4-6 S&M	Jobsite Risk assessment (up to date), Rescue Plan (Communicated)	<input type="checkbox"/>			
			Lug nuts (present and tight) + Torque check - within last 6mo (90-95 ft/lbs)	<input type="checkbox"/>			
			Solid Tires (free of cuts, splits, flat spots) Rims (undamaged)	<input type="checkbox"/>			
			Wheel Bearings and King Nuts - Lubricated within last 12months	<input type="checkbox"/>			
			Steering cylinder installation (bolts, hose connections, seals, defects on shaft)	<input type="checkbox"/>			
			Drive Motors (without leaks, cracks loose or missing hardware)	<input type="checkbox"/>			
	Decals, And Signage	Pg. 5-4, 5-5 OP&M	ID plate, safety, warning, information decals (legible)	<input type="checkbox"/>			
			Controls (identification decals, directional arrows)	<input type="checkbox"/>			
			Platform loads (SWL, max. wind speed, max. number of persons)	<input type="checkbox"/>			
			Decal indicating annual inspection within the last 12 months	<input type="checkbox"/>			
	Power Disconnect, And Emergency Stops	Pg. 5-6 OP&M	Keyed power disconnect is functional	<input type="checkbox"/>			
			Platform control E-stop functional	<input type="checkbox"/>			
			Ground control E-stop functional	<input type="checkbox"/>			
	Platform, Guardrails	Pg. 5-10 OP&M	Steps for access/egress (secure, undamaged, clear)	<input type="checkbox"/>			
			Platform clear of rubbish, debris, obstructions	<input type="checkbox"/>			
			Entrance gate functional, guardrails secure, welds inspected, retaining pins in place)	<input type="checkbox"/>			
			Extendable platform deck functional , (Intact Slides, Rollers, handle assemblies, proximity switch)	<input type="checkbox"/>			
			Padding on rear upper horizontal rail	<input type="checkbox"/>			
	Batteries	Pg. 5-12 OP&M	Batteries water level	<input type="checkbox"/>			
			Battery Housings (Intact, secured)	<input type="checkbox"/>			
			Battery Tops in-place, Terminals clean, and Cables undamaged/secure	<input type="checkbox"/>			
	Hydraulics	Pg. 9-1 OP&M	Hydraulic Reservoir fluid level (dipstick + cap in place)	<input type="checkbox"/>			
		Pg. 3-12 S&M	Hydraulic valves (without leaks, cracks, or missing hardware)	<input type="checkbox"/>			
			Hydraulic Pump (without leaks, cracks)	<input type="checkbox"/>			
	Ground functions	Pg. 4-6 OP&M	Function test Ground control lifting & lowering functions are in working order	<input type="checkbox"/>			
		Pg. 4-2 S&M	Maintenance Bar is free of defects and is in use for following inspections	<input type="checkbox"/>			
	Chassis, and Scissor Pack	Pg. 5-2, 5-3 OP&M	General condition (damage, misalignment, corrosion, cracks in welds)	<input type="checkbox"/>			
			Scissor slide pads/rollers (no excessive wearing/scraping) (roller track clear of debris)	<input type="checkbox"/>			
			Collars on scissor pins are not damaged, missing, or without setscrews	<input type="checkbox"/>			
			Lift cylinder installation (bolts, hose connections, leaks at seals, damage)	<input type="checkbox"/>			
	Hoses		Hydraulic Hoses (Secured, without leaks, cracks, cuts, bulges, or abrasion damage)	<input type="checkbox"/>			
	Electrical Wiring		Electrical Cables and wiring are (Secured, without cracks, cuts, or abrasion damage)	<input type="checkbox"/>			
	Emergency Manual lowering	Pg. 5-8 OP&M	Maintenance Bar is returned to stored position	<input type="checkbox"/>			
			Function test Emergency Manual Platform lowering handle	<input type="checkbox"/>			
Aerial Control Functions	Pg. 4-2 to 4-5 OP&M	Controls Enable Switch (Switch condition good) (controls disabled when not engaged)	<input type="checkbox"/>				
		Lifting Functions (Raise, Lower)	<input type="checkbox"/>				
		Steering functions (Right, Left)	<input type="checkbox"/>				
		Traveling functions (Forward, Reverse) Travel speed control (High, Low)	<input type="checkbox"/>				
		Emergency Decent Override functions	<input type="checkbox"/>				
Interlocks Cutouts and Warnings	Pg. 5-6, 5-7 OP&M	Slope warning, Platform Lift Slope Cut-out,	<input type="checkbox"/>				
		Extended platform lowering cut-out, High Speed Cutout	<input type="checkbox"/>				
I certify the equipment passed the pre-operation checklist no defects/deficiencies were identified.						Operator Name(s):	
Operator Signature(s):							

If ANY element fails to pass immediately remove this MEWP from service, and report to supervisor

Make:	Marklift (Gray)	Model:	CH20NEP	Type:	Type 3, Group A	Date:	
Serial No.	25418	Rated # of Occupants:	3	Load Capacity:	800lbs (363kg) Incl. Occupants	Northwestern University Virginia Wadsworth Wirtz Center	
		Load allowed on EP deck:	300lbs (136.1kg)				
Pre-Operations checklist			Archive this form after completion				
Always follow the equipment manufacturer's maintenance and safety instructions to ensure a thorough inspection.	Documentation	Matching Make/Model and be located on unit	Manufacturer's operator manual onboard (weather-resistant compartment) (OP&M)		<input type="checkbox"/>		
			Manufacturer's Service and Maintenance Manual onboard(S&M)		<input type="checkbox"/>		
			Manual of Responsibilities ANSI A92.6		<input type="checkbox"/>		
			Occupant Training Guide		<input type="checkbox"/>		
	Wheels	Pg. 4-6 S&M	Jobsite Risk assessment (up to date), Rescue Plan (Communicated)		<input type="checkbox"/>		
			Lug nuts (present and tight) + Torque check - within last 6mo (90-95 ft/lbs)		<input type="checkbox"/>		
			Solid Tires (free of cuts, splits, flat spots) Rims (undamaged)		<input type="checkbox"/>		
			Wheel Bearings and King Nuts - Lubricated within last 12months		<input type="checkbox"/>		
			Steering cylinder installation (bolts, hose connections, seals, defects on shaft)		<input type="checkbox"/>		
			Drive Motors (without leaks, cracks loose or missing hardware)		<input type="checkbox"/>		
	Decals, And Signage	Pg. 5-4, 5-5 OP&M	ID plate, safety, warning, information decals (legible)		<input type="checkbox"/>		
			Controls (identification decals, directional arrows)		<input type="checkbox"/>		
			Platform loads (SWL, max. wind speed, max. number of persons)		<input type="checkbox"/>		
			Decal indicating annual inspection within the last 12 months		<input type="checkbox"/>		
	Power Disconnect, And Emergency Stops	Pg. 5-6 OP&M	Keyed power disconnect is functional		<input type="checkbox"/>		
			Platform control E-stop functional		<input type="checkbox"/>		
			Ground control E-stop functional		<input type="checkbox"/>		
	Platform, Guardrails	Pg. 5-10 OP&M	Steps for access/egress (secure, undamaged, clear)		<input type="checkbox"/>		
			Platform clear of rubbish, debris, obstructions		<input type="checkbox"/>		
			Entrance gate functional, guardrails secure, welds inspected, retaining pins in place)		<input type="checkbox"/>		
			Extendable platform deck functional, (Intact Slides, Rollers, handle assemblies, proximity switch)		<input type="checkbox"/>		
			Padding on rear upper horizontal rail		<input type="checkbox"/>		
	Batteries	Pg. 5-12 OP&M	Batteries water level		<input type="checkbox"/>		
			Battery Housings (Intact, secured)		<input type="checkbox"/>		
			Battery Tops in-place, Terminals clean, and Cables undamaged/secure		<input type="checkbox"/>		
	Hydraulics	Pg. 9-1 OP&M	Hydraulic Reservoir fluid level (dipstick + cap in place)		<input type="checkbox"/>		
		Pg. 3-12 S&M	Hydraulic valves (without leaks, cracks, or missing hardware)		<input type="checkbox"/>		
			Hydraulic Pump (without leaks, cracks)		<input type="checkbox"/>		
	Ground functions	Pg. 4-6 OP&M	Function test Ground control lifting & lowering functions are in working order		<input type="checkbox"/>		
		Pg. 4-2 S&M	Maintenance Bar is free of defects and is in use for following inspections		<input type="checkbox"/>		
	Chassis, and Scissor Pack	Pg. 5-2, 5-3 OP&M	General condition (damage, misalignment, corrosion, cracks in welds)		<input type="checkbox"/>		
			Scissor slide pads/rollers (no excessive wearing/scraping) (roller track clear of debris)		<input type="checkbox"/>		
			Collars on scissor pins are not damaged, missing, or without setscrews		<input type="checkbox"/>		
			Lift cylinder installation (bolts, hose connections, leaks at seals, damage)		<input type="checkbox"/>		
	Hoses		Hydraulic Hoses (Secured, without leaks, cracks, cuts, bulges, or abrasion damage)		<input type="checkbox"/>		
	Electrical Wiring		Electrical Cables and wiring are (Secured, without cracks, cuts, or abrasion damage)		<input type="checkbox"/>		
Emergency Manual lowering	Pg. 5-8 OP&M	Maintenance Bar is returned to stored position		<input type="checkbox"/>			
		Function test Emergency Manual Platform lowering handle		<input type="checkbox"/>			
Aerial Control Functions	Pg. 4-2 to 4-5 OP&M	Controls Enable Switch (Switch condition good) (controls disabled when not engaged)		<input type="checkbox"/>			
		Lifting Functions (Raise, Lower)		<input type="checkbox"/>			
		Steering functions (Right, Left)		<input type="checkbox"/>			
		Traveling functions (Forward, Reverse) Travel speed control (High, Low)		<input type="checkbox"/>			
		Emergency Decent Override functions		<input type="checkbox"/>			
Interlocks Cutouts and Warnings	Pg. 5-6, 5-7 OP&M	Slope warning, Platform Lift Slope Cut-out,		<input type="checkbox"/>			
		Extended platform lowering cut-out, High Speed Cutout		<input type="checkbox"/>			
I certify the equipment passed the pre-operation checklist no defects/deficiencies were identified.							
Operator Signature(s):			Operator Name(s):				

If ANY element fails to pass immediately remove this MEWP from service, and report to supervisor

Make:	Genie (Blue/silver)	Model:	AWP super series	Type:	Type 1, Group A	Date:	
Serial No.	AWP03-26133	Rated # of Occupants:	1	Load Capacity:	350lbs (113kg) Incl. Occupant	Northwestern University Virginia Wadsworth Wirtz Center	

Pre-Operations checklist		Archive this form after completion		
Always follow the equipment manufacturer's maintenance and safety instructions to ensure a thorough inspection.	Documentation	Matching Make/Model and be located on unit	Manufacturer's operator manual onboard (weather-resistant compartment)	<input type="checkbox"/>
			Manufacturer's Service and Maintenance Manual onboard	<input type="checkbox"/>
			Manual of Responsibilities ANSI A92.6	<input type="checkbox"/>
	Decals, And Signage	Pg. 28,29	Jobsite Risk assessment (up to date), Rescue Plan (Communicated)	<input type="checkbox"/>
			ID plate, safety, warning, information decals (legible)	<input type="checkbox"/>
			Controls (identification decals, directional arrows)	<input type="checkbox"/>
			Platform loads (SWL, max. wind speed, max. number of persons)	<input type="checkbox"/>
	Hydraulics	Pg. 13, 14	Decal indicating annual inspection within the last 12 months	<input type="checkbox"/>
			Hydraulic Reservoir fluid level sight glass	<input type="checkbox"/>
		Pg. 10	Hydraulic Power unit, hoses fittings and cylinder (leaks, damage)	<input type="checkbox"/>
	Power Disconnect, And Emergency Stops	Pg. 8	Breather cap (in place)	<input type="checkbox"/>
			Ground controls Keyed power disconnect is functional	<input type="checkbox"/>
			Ground control E-stop functional	<input type="checkbox"/>
	Platform, Guardrails	Pg. 9	Platform control E-stop functional	<input type="checkbox"/>
			Platform clear of rubbish, debris, obstructions	<input type="checkbox"/>
			Platform gate functional, guardrails secure, welds inspected)	<input type="checkbox"/>
			General condition (damage, misalignment, corrosion, cracks in welds)	<input type="checkbox"/>
			Sequencing Cables and pulleys (damage, misalignment)	<input type="checkbox"/>
			Lifting chains and Idler wheels (damage, misalignment)	<input type="checkbox"/>
	Chassis, and Mast	Pg. 9	Nuts/Bolts and other fasteners (present, tight)	<input type="checkbox"/>
			Mast Column (undamaged)	<input type="checkbox"/>
	Hoses		Hydraulic Hoses (Secured, without leaks, cracks, cuts, bulges, or abrasion damage)	<input type="checkbox"/>
	Electrical Wiring		Electrical Cables and wiring are (Secured, without cracks, cuts, or abrasion damage)	<input type="checkbox"/>
	Outriggers	Pg. 9	Outriggers (damage, bent)	<input type="checkbox"/>
			Outrigger leveling jacks and handles (damage, bent, rotate)	<input type="checkbox"/>
			Outriggers footpads (present, free of imbedded debris)	<input type="checkbox"/>
	Wheels	Pg. 9	Outriggers footpads (present, free of imbedded debris)	<input type="checkbox"/>
			Wheels are secure, rotate freely and are without defect	<input type="checkbox"/>
Platform Lifting Functions (Raise, Lower)			<input type="checkbox"/>	
Ground lowering (aux) functions inworking order			<input type="checkbox"/>	
Outrigger lock pins snap into place			<input type="checkbox"/>	
Functions Tests Controls, Interlocks	Pg. 16, 17	Corresponding Outrigger Interlock display lights function	<input type="checkbox"/>	
		Bubble level responds	<input type="checkbox"/>	
		Ground and Platform E-stops disable functions	<input type="checkbox"/>	
Emergency Manual lowering	Pg. 20	Function test Emergency Manual Lowering valve	<input type="checkbox"/>	

If ANY element fails to pass immediately remove this MEWP from service, and report to

I certify the equipment passed the pre-operation checklist no defects/deficiencies were identified. Operator Signature(s):	Operator Name(s):
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Make:	Genie (Blue/silver)	Model:	GR20	Type:	Type 1, Group A	Date:	
Serial No.	GRP-47764	Rated # of Occupants:	1	Load Capacity:	350lbs (159kg) Incl. Occupant	Northwestern University Virginia Wadsworth Wirtz Center	
		Load allowed on EP deck:	250lbs (113kg)				
Pre-Operations checklist			Archive this form after completion				
Always follow the equipment manufacturer's maintenance and safety instructions to ensure a thorough inspection.	Documentation	Matching Make/Model and be located on unit	Manufacturer's operator manual onboard (weather-resistant compartment)		<input type="checkbox"/>	If ANY element fails to pass immediately remove this MEWP from service, and report to supervisor	
			Manufacturer's Service and Maintenance Manual onboard		<input type="checkbox"/>		
			Jobsite Risk assessment (up to date), Rescue Plan (Communicated)		<input type="checkbox"/>		
	Decals, And Signage	Pg.3, 8	ID plate, safety, warning, information decals (legible)		<input type="checkbox"/>		
		Pg. 10-11	Controls (identification decals, directional arrows)		<input type="checkbox"/>		
		Pg. 3, 4	Platform loads (SWL, max. wind speed, max. number of persons)		<input type="checkbox"/>		
			Decal indicating annual inspection within the last 12 months		<input type="checkbox"/>		
	Hydraulics	Pg. 14	Hydraulic Reservoir fluid level sight glass		<input type="checkbox"/>		
			Hydraulic Power unit, hoses fittings and cylinder (leaks, damage)		<input type="checkbox"/>		
	Power Disconnect, And Emergency Stops	Pg. 17 - 19	Ground controls Keyed power disconnect is functional		<input type="checkbox"/>		
			Ground control E-stop functional		<input type="checkbox"/>		
			Platform control E-stop functional		<input type="checkbox"/>		
	Platform, Guardrails	Pg. 9	Platform clear of rubbish, debris, obstructions		<input type="checkbox"/>		
			Platform gate functional, guardrails secure, welds inspected)		<input type="checkbox"/>		
	Platform extension		Platform extension is operational, extends and retracts with ease.		<input type="checkbox"/>		
	Chassis, and Mast		General condition (damage, misalignment, corrosion, cracks in welds)		<input type="checkbox"/>		
			Sequencing Cables and pulleys (damage, misalignment)		<input type="checkbox"/>		
			Lifting chains and Idler wheels (damage, misalignment)		<input type="checkbox"/>		
			Nuts/Bolts and other fasteners (present, tight)		<input type="checkbox"/>		
			Mast Column (undamaged)		<input type="checkbox"/>		
	Hoses		Hydraulic Hoses (Secured, without leaks, cracks, cuts, bulges, or abrasion damage)		<input type="checkbox"/>		
	Electrical Wiring		Electrical Cables and wiring are (Secured, without cracks, cuts, or abrasion damage)		<input type="checkbox"/>		
	Pothole protection		Pothole protectors deploy		<input type="checkbox"/>		
			Pothole protector alarm sounds when protector prevented from deploying		<input type="checkbox"/>		
	Wheels		Wheel condition is good without cracks or gouges		<input type="checkbox"/>		
	Batteries	Pg. 25	Batteries water level		<input type="checkbox"/>		
			Battery Housings (Intact, secured)		<input type="checkbox"/>		
			Battery Tops in-place, Terminals clean, and Cables undamaged/secure		<input type="checkbox"/>		
	Functions Tests Controls, Interlocks	Pg. 17 - 19	Platform Lifting Functions (Raise, Lower)		<input type="checkbox"/>		
			Ground lowering (aux) functions inworking order		<input type="checkbox"/>		
Ground control Lifting Functions (Raise, Lower)			<input type="checkbox"/>				
Test Steering			<input type="checkbox"/>				
Motion alarms sound			<input type="checkbox"/>				
Emergency Manual lowering	Pg. 20	Ground and Platform E-stops disable functions		<input type="checkbox"/>			
		Function test Emergency Manual Lowering valve		<input type="checkbox"/>			
I certify the equipment passed the pre-operation checklist no defects/deficiencies were identified.				Operator Name(s):			
Operator Signature(s):							