

Preventive Maintenance and Inspection Checklist

Vehicle No. _____ Location TAMPA Date 3/31/26
 Service Request # 7117374 Model # AT37G Serial # 0714DE16875
 Odometer _____ Hours Meter _____ Inspector DOCKERY

Open Altec Product Notices _____

Check for Altec Product Notices or other applicable documents provided by Altec for servicing the unit by calling 1-877-GO ALTEC (1-877-462-5832) or by contacting altec.connect@altec.com.

Perform all inspections, adjustments, repairs, and lubrication according to the specifications in all unit maintenance and/or service manuals. If tracking PTO hours using an approved method or device, follow the recommended hourly maintenance intervals. If performing maintenance based upon a calendar based schedule, follow the recommended monthly intervals. The required items apply to both tracking methods.

Intervals

- | | | |
|---|--|--|
| <input type="checkbox"/> Prior to placing the unit in service | <input type="checkbox"/> 85 PTO hours/1 month | <input type="checkbox"/> 500 PTO hours/6 months |
| <input type="checkbox"/> Required maintenance | <input checked="" type="checkbox"/> 1,000 PTO hours/1 year | <input type="checkbox"/> 2,000 PTO hours/2 years |
| <input type="checkbox"/> 4,000 PTO hours/4 years | <input type="checkbox"/> Major structural inspection | |

Symbols

- | | | |
|-------------------------|----------------------------|------------------------------------|
| ✓/O = Okay or completed | C = Corrected by inspector | R = Repair or replacement required |
| U = Unsafe to operate | N/A = Not applicable | |

Prior to Placing Unit in Service			
O	Perform the Preoperational Inspection (refer to the Operator's Manual)	Rotation Bearing	
		O	Turntable tilt measurement ² : <u>.34</u>
Hydraulic Reservoir and System			
N/A	Check oil and collect oil sample for analysis ¹		
85 PTO Hours/1 Month			
O	Perform the Preoperational Inspection (refer to the Operator's Manual)	Manuals	
		N/A	Operator's Manual present
Hydraulic Reservoir			
		N/A	Safety and Sentry documents present
O	Oil level	Lubrication	
Fiberglass			
		N/A	Rotation bearing ball race (AT30-G only)
R	Upper boom, platform, articulating arm (clean, surface damage)	N/A	Lift cylinder spherical bearing
		N/A	Outrigger leg outer surface
		C	Rotation pinion and bearing gear teeth
500 PTO Hours/6 Months			
O	Perform the 85 hour/1 month inspection	Battery	
Supplemental Brake Lock			
		O	Mounting (vertically and horizontally secure)
N/A	Operations (holding, bleed off)	O	Electrical connection (secure, no corrosion)
Hydraulic Reservoir			
		O	Routing (cables do not cross, fuses secure)
C	Mounting (cap screws secure, welds intact, no cracks)	All Electrical	
O	No leaks	R	Components and wiring (clearances, tightness, support, no insulation damage)
PTO/Pump			
O	Mounting caps screws secure	O	Connections (secure, no corrosion)
Unit Mounting			
O	Operation	O	Subbase mounting fastener visual inspection
O	No leaks		

Lower Leveling Cylinder		O	Holding valve (operation, leaks)
O	Leveling cylinder pivot pins (end plate weld intact, cap screws secure, retaining ring in place)	O	Cylinder barrel condition
		O	Operation
O	Cylinder barrel condition	O	No leaks
O	Operation	O	Chromed rod condition
O	No leaks	O	Hoses and tubes (routing, condition)
O	Chromed rod condition	Platform	
O	Hoses and tubes (routing, condition)	R	Fiberglass of platform and dashboards (condition, clean, undamaged)
Lower Boom		O	Platform mounting cap screws secure
O	Structure (welds intact, no cracks or deformation)	N/A	Liner (condition, clean, nylon cap screws secure)
O	Fasteners secure	O	Fall protection system (condition, in place)
O	Covers (condition, cap screws secure)	O	Covers (condition, cap screws secure)
O	Hoses and tubes (routing, condition)	O	Placards (condition, readable)
O	No leaks	O	Hoses and tubes (routing, condition)
Extension Cylinder		O	No leaks
O	Holding valve (operation, leaks, no cylinder leak down when valve handle for extend is shifted)	N/A	Door latch operation
		N/A	Door secondary retaining strap and latch condition
O	Trunnion pins secure	Upper Controls	
O	Cylinder barrel condition	O	Operation (metering, proper direction)
O	Operation	R	Tools quick disconnect couplers (condition, operation, dust caps)
O	No leaks		O
N/A	Chromed rod condition	R	Engine start/stop and/or secondary stowage system operation
O	Hoses and tubes (routing, condition)		O
Upper Boom		O	Manual lowering valve operation
O	Fiberglass (condition, clean, undamaged)	O	No leaks
O	Hoses and tubes (routing, condition)	Platform Leveling System	
O	No leaks	O	Operation
Upper Boom Tip		O	No leaks
O	Structure (welds intact, no cracks or deformation)	O	No leaks
O	Mounting cap screws to upper boom secure	Lubrication	
O	Leveling bracket pivot pin (end plate weld intact, cap screws secure, retaining ring in place)	N/A	Outrigger valve handle linkage
		O	Rotation gearbox
O	Hoses and tubes (routing, condition)	R	Bonded hose assembly
O	No leaks		
O	Covers (condition, cap screws secure)		
Upper Leveling Cylinder			
O	Leveling cylinder pivot pins (end plate weld intact, cap screws secure, retaining ring in place)		
Required Maintenance (Regardless of Hours)			
Annual Testing		N/A	Dielectric test platform liner
N/A	Vehicle inspection is up to date	C	Confirmation test of single handle control
C	Dielectric test unit		
1,000 PTO Hours/1 Year			
O	Perform the 500 hour/6 month inspection	Chassis	
		O	Hoses (routing, condition, no leaks)

<input type="radio"/>	Subbase structure (welds intact, no cracks or deformation)	Rotation Bearing and Gearbox
<input type="radio"/>	Pedestal mounting cap screws secure	<input type="radio"/> Motor mounting cap screws secure
Stabilizer Bars		<input type="radio"/> Gearbox mounting cap screws visual inspection
<input type="radio"/>	Structure (welds intact, no cracks or deformation)	<input type="radio"/> Rotation bearing cap screws visual inspection
<input type="radio"/>	Bushing bolts secure to manufacturer's specifications	<input type="radio"/> Eccentric ring lock in place and secure
<input type="radio"/>	Bushing condition	<input type="radio"/> Pinion gear teeth condition
<input type="radio"/>	Mounting cap screws secure	<input type="radio"/> Rotation bearing gear teeth condition
<input type="radio"/>	Axle U-bolts secure	<input type="radio"/> Pinion/rotation bearing gear backlash
Filters		<input type="radio"/> Operation (smoothness, noise level)
<input type="radio"/>	Change return line filter	<input type="radio"/> No leaks
Outriggers		<input type="radio"/> Rotation bearing inspection and measurement [after 0.050" (1.27 mm) increased wear from initial measurement] ²
N/A	Mounting (welds intact, no cracks or deformation)	Articulating Arm (AT35-G/AT37-G)
N/A	Aerial device/outriggers selector operation	<input type="radio"/> Riser (welds intact, no cracks or deformation)
N/A	Outrigger interlock system operation	<input type="radio"/> Link (welds intact, no cracks or deformation)
N/A	Outrigger extend warning system operation	<input type="radio"/> Boom pivot pin (end plate weld intact, cap screws secure)
N/A	Structures (welds intact, no cracks or deformation)	<input type="radio"/> Arm (welds intact, no cracks or deformation)
Outrigger Cylinders		<input type="radio"/> Fiberglass on arm and link (clean, surface damage)
N/A	Outrigger cylinder pivot pins (cap screws secure, retaining rings in place)	<input type="radio"/> Articulating arm pivot pins (end plate weld intact, cap screws secure, retaining ring in place)
N/A	Holding valves (holding without drift)	<input type="radio"/> Link pivot pins (end plate weld intact, cap screws secure, retaining ring in place)
N/A	Hoses and tubes (routing, condition)	<input type="radio"/> Fiberglass mounting cap screws on articulating arm and link secure
N/A	No leaks	
N/A	Chromed rod condition	
N/A	Cylinder barrel condition	
Lower Controls Station		Articulating Arm Lift Cylinder (AT35-G/AT37-G)
<input type="radio"/>	Operation (metering, proper direction)	<input type="radio"/> Holding valve (operation, leaks, no cylinder leak down when valve handle for arm raise is shifted)
<input type="radio"/>	Lower/upper control operation	<input type="radio"/> Articulating arm cylinder pivot pins (end plate weld intact, cap screws secure, retaining ring in place)
<input type="radio"/>	Engine start/stop and/or secondary stowage switch operation	<input type="radio"/> Cylinder barrel condition
<input type="radio"/>	Emergency stop operation	<input type="radio"/> Operation
<input type="radio"/>	Valve handles (condition, secure)	<input type="radio"/> No leaks
Pedestal		<input type="radio"/> Chromed rod condition
<input type="radio"/>	Structure (welds intact, no cracks or deformation)	<input type="radio"/> Hoses and tubes (routing, condition)
<input type="radio"/>	Hoses (routing, condition)	
<input type="radio"/>	Rotary joint mounting cap screws secure, restraint bracket secure	Lift Cylinder
<input type="radio"/>	Covers (condition, cap screws secure)	<input type="radio"/> Holding valve (operation, leaks, no cylinder leak down when valve handle for boom raise is shifted)
<input type="radio"/>	Slip ring mounting cap screws secure	<input type="radio"/> Pivot bearing secure within cylinder eye
<input type="radio"/>	No leaks	<input type="radio"/> Lift cylinder pivot pins (end plate weld intact, cap screws secure, retaining ring in place)
Turntable		<input type="radio"/> Cylinder barrel condition
<input type="radio"/>	Structure (welds intact, no cracks or deformation)	<input type="radio"/> Operation
<input type="radio"/>	Covers (condition, cap screws secure)	<input type="radio"/> No leaks
<input type="radio"/>	Hoses and tubes (routing, condition)	<input type="radio"/> Chromed rod condition
N/A	Boom pivot pin (end plate weld intact, cap screws secure – AT30-G only)	<input type="radio"/> Hoses and tubes (routing, condition)

<input type="checkbox"/>	Exhaust shields (mounting, condition)	Platform
PTO/Pump		<input type="checkbox"/> Platform mounting cap screws torque
<input type="checkbox"/>	Drive line condition	Upper Control Station
<input type="checkbox"/>	Noise level	Placards (condition, readable)
Unit Mounting		Rotation Bearing and Gearbox
<input type="checkbox"/>	Utility body (cap screws secure, welds intact, no cracks or deformation)	<input type="checkbox"/> Rotation bearing cap screws annual torque inspection
<input type="checkbox"/>	Boom rest (cap screws secure, welds intact, no cracks or deformation)	<input type="checkbox"/> Rotation gearbox mounting cap screws annual torque inspection
N/A	Subbase shear plate cap screws annual torque inspection (if applicable)	<input type="checkbox"/> Rotation bearing inspection and measurement [before 0.050" (1.27 mm) increased wear from initial measurement] ²
<input type="checkbox"/>	Pedestal mounting cap screws torque	<input type="checkbox"/> Gearbox fluid level
Hydraulic Reservoir		Articulating Arm (AT35-G/AT37-G)
N/A	Collect oil sample for analysis	<input type="checkbox"/> Glue bond (fiberglass-to-steel visual inspection)
Hydraulic System		<input type="checkbox"/> Arm insulator and link cap screws annual torque inspection
<input type="checkbox"/>	Pressure <u>2402</u>	<input type="checkbox"/> Seal between fiberglass and steel tubes
Outriggers		Upper Boom
N/A	Hose and tubes (routing and condition)	<input type="checkbox"/> Slide pads condition
N/A	Placards (condition, readable)	<input type="checkbox"/> Slide pad retaining cap screws secure
N/A	Slide pad bearing condition	Structures
N/A	Slide pad bearing retaining cap screws secure	<input type="checkbox"/> All structures and welds included on 500 hour/6 month checklist (welds intact, no deformation or cracks, no significant corrosion)
Lower Control Station		Upper Boom Extension Cylinder
<input type="checkbox"/>	Placards (condition, readable)	<input type="checkbox"/> Annual trunnion pins torque inspection
Turntable		Lubrication
<input type="checkbox"/>	Placards (condition, readable)	<input type="checkbox"/> Pump input shaft splines
<input type="checkbox"/>	Upper boom tip attachment cap screws annual torque inspection	<input type="checkbox"/> PTO output shaft splines
2,000 PTO Hours/2 Years		
	Perform the 1,000 hour/1 year inspection	Reservoir cover gasket (condition)
Hydraulic Reservoir and System		Articulating Arm Link (AT35-G/AT37-G)
	Change hydraulic oil	Inspect per procedure
	Clean suction filter element	Rotation Bearing and Gearbox
	Clean or change filler hole strainer	Pinion to rotation bearing gear backlash
	Change filler/breather cap	Gearbox internal lost motion
4,000 PTO Hours/4 Years		
	Perform the 2,000 hour/2 year inspection	Clean inside of reservoir
Hydraulic Reservoir and System		
	Flush hydraulic system	

Major Structural Inspection (Regardless of Hours)	
Perform this inspection after the first 15 years of service, and at every 10-year interval thereafter	Upper Boom Tip
Perform 1,000 hour/1 year inspection	Self-lubricating bearings for platform leveling bracket ³
Load Test	Outrigger Cylinder
Perform major structural load test	Rod eye structure (welds intact, no deformation or cracks)
Cycle Times	Articulating Arm (AT35-G/AT37-G)
Check all aerial functions for any operation faster than specified cycle times	Self-lubricating bearings in each end of articulating arm and link ³
Leveling Cylinder	Articulating Arm Cylinder (AT35-G/AT37-G)
Rod eye structure (welds intact, no deformation or cracks)	Rod eye structure (welds intact, no deformation or cracks)
Cylinder eye structure (welds intact, no deformation or cracks)	Cylinder eye structure (welds intact, no deformation or cracks)
Self-lubricating bearings at rod eye and cylinder eye ³	Self-lubricating bearings at rod eye and cylinder eye ³
Lower Boom	Lower Leveling Cylinder
Self-lubricating bearings in lower boom for boom pivot pin ²	Rod eye structure (welds intact, no deformation or cracks)
Lower Boom Lift Cylinder	Cylinder eye structure (welds intact, no deformation or cracks)
Rod eye structure (welds intact, no deformation or cracks)	Self-lubricating bearings at rod eye and cylinder eye ³
Cylinder eye structure (welds intact, no deformation or cracks)	Extension Cylinder
Self-lubricating bearing at rod eye ³	Cylinder eye structure (welds intact, no deformation or cracks)

¹ Periodic laboratory analysis is the most accurate method of determining the condition of the hydraulic oil and when it should be changed. If laboratory analysis is used, take a baseline sample. Compare future lab tests on subsequent samples to the original to establish a trend.

² Initially measure turntable tilt as a baseline. Check rotation bearing wear every year until it measures 0.050" (1.27 mm) increased wear from initial measurements. After reaching 0.050" (1.27 mm) increased wear, measure every 6 months. Refer to the Maintenance Manual for the proper procedure. Record measurements in the Rotation Bearing Maintenance Log.

³ Perform bearing inspection test as described in Section 9 of the Maintenance Manual.

Comments _____

ANNUAL VEHICLE INSPECTION REPORT

SR #: 7117374	FA #: 047-32072311	DATE: 3/31/26
CUSTOMER: TNT EQUIPMENT SALES LLC		INSPECTOR NAME: DOCKERY
ADDRESS: 1921 STARKEY RD		THIS INSPECTOR MEETS THE QUALIFICATION REQUIREMENTS IN CFR SECTION 396.19 <input checked="" type="checkbox"/> Yes
CITY, STATE, ZIP: LARGO ,FL , 33771		VIN: 1FDUF5HT8FEA63382
VEHICLE TYPE: <input checked="" type="radio"/> TRUCK <input type="radio"/> TRAILER <input type="radio"/> OTHER		INSPECTION LOCATION: 0107 TAMPA

VEHICLE COMPONENTS INSPECTED

ITEM	OK	NEEDS REPAIR	N/A	REPAIRED DATE	ITEM	OK	NEEDS REPAIR	N/A	REPAIRED DATE
1. BRAKE SYSTEM					7. STEERING MECHANISM				
a. Service Brakes	✓				a. Steering Wheel Free Play	✓			
b. Parking Brake System	✓				b. Steering Column	✓			
c. Brake Drums or Rotors	✓				c. Front axle beam and ALL steering components other than steering columns	✓			
d. Brake Hose	✓				d. Steering Gear Box	✓			
e. Brake Tubing	✓				e. Pitman Arm	✓			
f. Low Pressure Warning Device			✓		f. Power Steering	✓			
g. Tractor Protection Valve			✓		g. Ball and Socket Joints	✓			
h. Air Compressor			✓		h. Tie Rods and Drag Links	✓			
i. Electric Brakes			✓		i. Nuts	✓			
j. Hydraulic Brakes			✓		j. Steering System	✓			
k. Vacuum Systems	✓				8. SUSPENSION				
2. COUPLING DEVICES					a. Any U-Bolt(s), spring hanger(s), or other axle positioning part(s) cracked, broken, loose or missing resulting in shifting of an axle from its normal position	✓			
a. Fifth Wheels			✓		b. Spring Assembly	✓			
b. Pintle Hooks			✓		c. Torque, Radius, or Tracking Components	✓			
c. Drawbar/Towbar Eye			✓		9. FRAME				
d. Drawbar/Towbar Tongue			✓		a. Frame Members/Rear Impact Guard	✓			
e. Safety Devices	✓				b. Tire and Wheel Clearance	✓			
f. Saddle-Mounts	✓				c. Adjustable Axle Assemblies (Sliding Subframes)			✓	
3. EXHAUST SYSTEMS					10. TIRES				
a. Any exhaust system determined to be leaking at a point forward of or directly below the driver/sleeper compartment.	✓				a. Tires on any steering axle of a power unit	✓			
b. A bus exhaust system leaking or discharging to the atmosphere in violation of standards (1), (2), or (3).	✓				b. All Other Tires	✓			
c. No part of the exhaust system of any motor vehicle shall be so located as would be likely to result in burning, charring, or damaging the electrical wiring, the fuel supply, or any combustible part of the motor vehicle.	✓				11. WHEELS AND RIMS				
4. FUEL SYSTEM					a. Lock or Side Ring			✓	
a. Visible Leak	✓				b. Wheels and Rims	✓			
b. Fuel Tank Filler Cap Missing	✓				c. Fasteners	✓			
c. Fuel Tank Securely Attached	✓				d. Welds	✓			
5. LIGHTING DEVICES					12. WINDSHIELD GLAZING				
a. All lighting devices and reflectors required by Section 393 shall be operable	✓				a. Requirements and exceptions as stated pertaining to any crack, discoloration or vision reducing matter (Reference 393.60)	✓			
6. SAFE LOADING					13. WINDSHIELD WIPERS				
a. Part(s) of vehicle or condition of loading such that the spare tire or any part of the load or dunnage can fall onto the roadway	✓				a. Any power unit that has an inoperative wiper, or missing or damaged parts that render it ineffective	✓			
b. Protection against shifting cargo	✓				Any other condition which may prevent safe operation of this vehicle:				

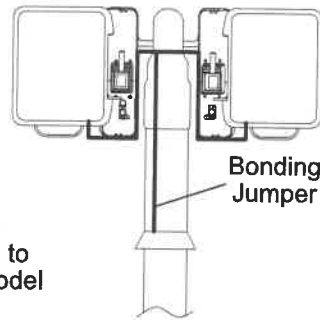
INSTRUCTIONS: Mark column entries to verify inspection: OK, NEEDS REPAIR, NA IF ITEMS DO NOT APPLY, _____ REPAIRED DATE.

CERTIFICATION: This vehicle has passed all the inspection items for the Annual Vehicle Inspection Report in accordance with 49 CFR 396.

Refer to SG0162 Federal DOT Inspection Standard Work for more information

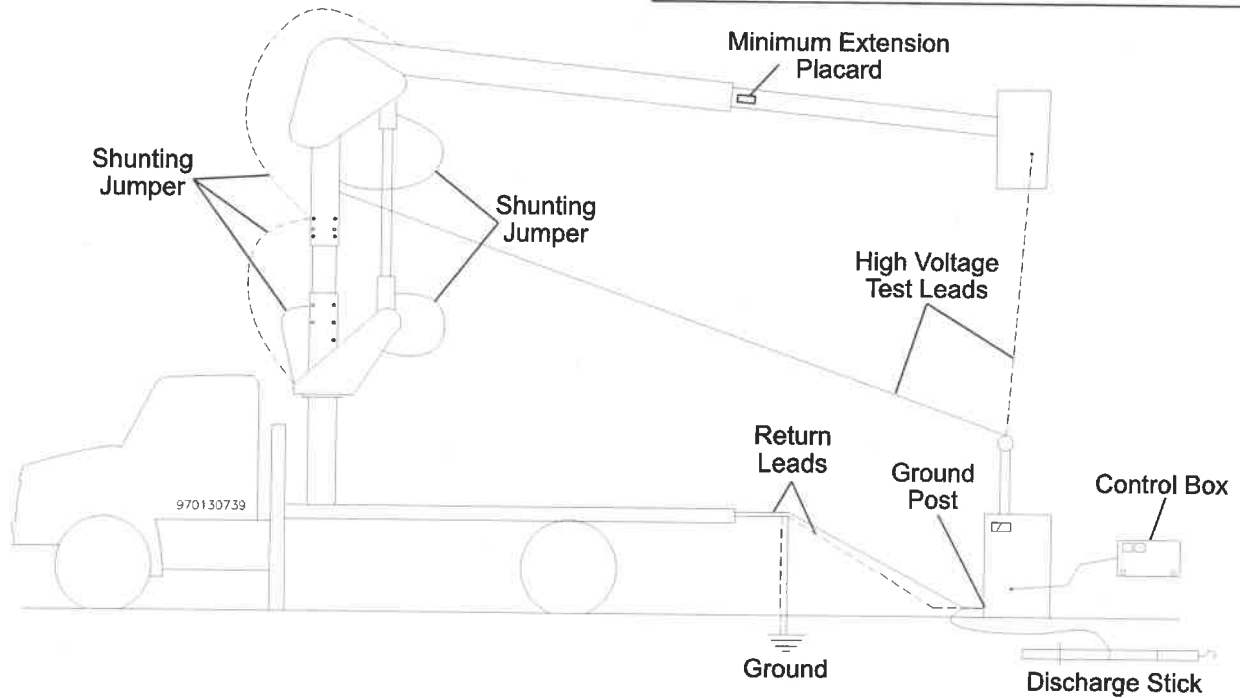
DC Periodic Dielectric Test Form For All Category A, B, and C Insulating Telescopic Articulating Aerials

Upper Boom Test -----
 Articulating Arm Test _____



Drawing not intended to represent a specific model

Fully Retracted	Upper Boom Extension Past Minimum Extension Placard
AT40-G (ISO-Boom)	AT35-G/37-G
AT40M/P (ISO-Boom)	AT36/40M/P (steel boom)
AT40-GW (ISO-Boom)	AT37-GW
AT41M/P (ISO-Boom)	AT40-G (steel boom)
AT41ME/PE (ISO-Boom)	AT40-GW (steel boom)
AT48M/P	TA37M/41M/45M
AT48ME/PE	TA Elevator, material handling
AT48MW/PW	TA50/55/60
AT41MW/PW (ISO-Boom)	AT37M/P
	AT37ME/PE
	AT41M/P (steel boom)
	AT41ME/PE (steel boom)
	TA36/40/45
	TA Elevator, personnel
	AT41MW/PW



Keep a dated and signed service record for a period of five years or as required by applicable regulations.

1. Read and understand the dielectric test information in the Maintenance Manual, ANSI requirements, and the manual for the test device being used.
2. This procedure is for a DC test device with output current metering. However, some manufacturers use low-side current metering in series with the output as an equivalent or more conservative approach to output current metering. If equipped with a selector switch, set the switch to Ground Return.
3. The test area should be dry and appropriately roped off to prevent bystanders from entering the test area.
4. If equipped, visually inspect the atmospheric vents, and verify proper operation of each vent.

5. Visually inspect the inside of the insulating boom for cleanliness and foreign materials that could compromise the insulating properties of the component or system. Do not use the dielectric test to remove moisture from the insulating section of the boom.
6. Operate the boom and platform functions to fill the hydraulic lines with oil.
7. Ground chassis, test device or control box, and discharge stick (if equipped) as shown.
8. No isolation pads are required under the vehicle tires or outriggers.
9. Electrically bond all metal at the boom tip to ensure all possible current paths are considered. Include all conductive brackets, air plunger switches, hydraulic valves, controls, cylinders, jib brackets, etc.
10. On Category A units with a nonconductive platform, install and bond a metal liner.
11. Extend the upper boom to just past the minimum extension placard, if required.
12. Attach the high voltage test lead and shunting jumpers as shown for the upper and lower boom test.
13. Set up booms to maintain at least 24" (60.96 cm) of clearance between conductive components as shown.
14. It is not necessary to use the meter receptacle on the upper boom of Category A and B aerial devices for the upper boom test. However, whether the meter receptacle is used or not, all internal connections to this receptacle must be checked to verify that all current paths through the boom are properly connected to ensure proper function.
15. Voltage and maximum allowable leakage for the upper boom test are as follows.
 - a. Category C – 46 kV and below – 56 microamps at 56 kV after 3 minutes
 - b. Category A/B – 46 kV and below – 28 microamps at 56 kV after 3 minutes
 - c. Category A/B – 69 kV – 42 microamps at 84 kV after 3 minutes
 - d. Category A/B – 138 kV – 84 microamps at 168 kV after 3 minutes
16. Voltage and maximum allowable leakage for the articulating arm test is 100 microamps at 50 kV.
17. To test the upper boom, gradually increase the voltage to the proper level. Hold for three minutes. If flashover occurs or the leakage rate exceeds the maximum value, the unit has failed the test. Record leakage current. A leakage of zero microamps is typically not a passing test. Check test setup and/or test equipment.
18. To test the articulating arm, gradually increase the voltage to 50 kV. Hold for three minutes. If flashover occurs or the leakage rate exceeds 100 microamps, the unit has failed the test. Record leakage current. A leakage of zero microamps is typically not a passing test. Check test setup and/or test equipment.

Test performed by: SHOP Other (specify) _____

Service request # 7117374 Altec model # AT37G Serial # 0714DE16875

Test device # 676 Test voltage 56kv Category/voltage rating C

Upper boom leakage current (microamp) .01 Articulating arm leakage current (microamp) .02

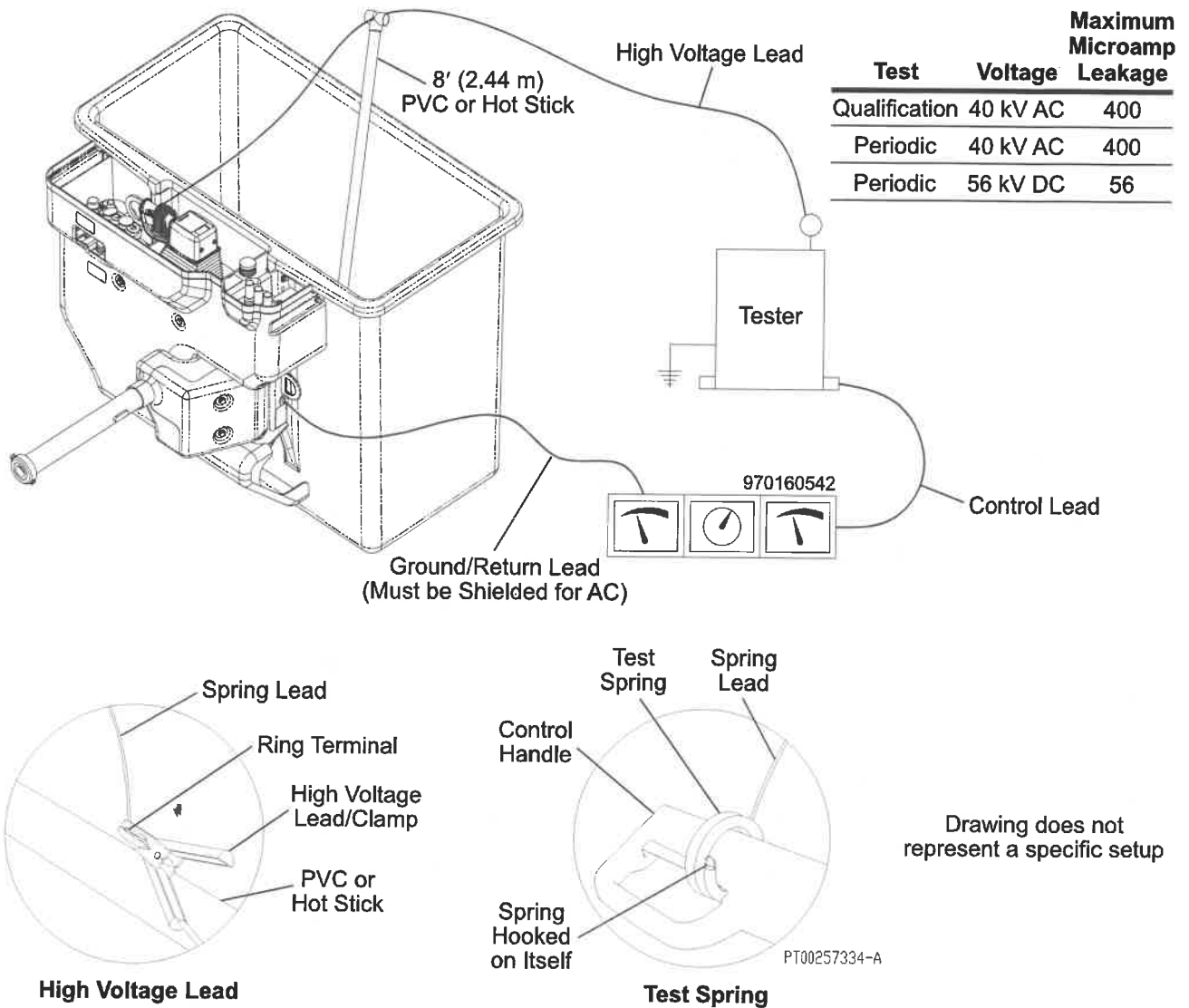
Meter receptacle and connections condition (step 14 from procedure) _____

Pass Fail (reason) _____

Comments _____

Signature of technician DOCKERY Date of test 3/31/26

Confirmation Test of Upper Control Components With High Electrical Resistance (Green Single Handle) (Qualification and Periodic)



This test is to verify the high electrical resistance components in the green single handle control. In some cases, the high voltage test lead may short circuit to other nearby conductive components. First, verify that provided covers in the control area are intact. Then place insulating material(s), such as a piece of insulating blanket or liner, under and to the sides of the spring which wraps the high voltage test connections to prevent short circuiting from happening.

For AC testing – It is recommended that the high voltage test lead be elevated on an 8' (2.44 m) PVC pole or hot stick to reduce the capacitive leakage that is unrelated to the focus of the test. Use only a shielded return lead to further reduce capacitive leakage.

1. Read and understand the dielectric test information in the Maintenance Manual and ANSI standard.
2. Insulate the vehicle from ground by placing polyethylene pads beneath each tire and outrigger leg.
3. Upper control components must be clean and dry (including inside/outside of bellows) prior to testing. Use isopropyl alcohol to clean.
4. Wrap the test spring (refer to Service Tools and Supplies in the Maintenance Manual) around the control handle as shown above. Use the hook at the end of the spring to connect back to the spring on the control handle and away from conductive components.
5. Attach the high voltage lead (insulated from ground) to the spring lead. Use the length of spring lead to keep the high voltage clamp and high voltage lead away from conductive components and the platform control areas.

6. Attach the ground/return lead to the control base or platform mounting bracket. This lead must contact a bare metal surface. (The bellows must be in place for this test.)
7. It is not necessary to raise or extend the upper boom. The platform may be tested near the tailshelf for easier access.
8. A leakage of zero microamps is typically not a passing test. Check test setup and/or test equipment.
9. To test the control, gradually increase the voltage (refer to the chart). Hold at the appropriate voltage for three minutes continuously. If flashover occurs or the leakage rate exceeds the appropriate microamps from the chart, the control has failed the test. Record leakage current.

Test performed by: Altec SHOP Other (specify) _____

Test type: Qualification _____ Periodic Test conducted: AC _____ DC

Service request # 7117374 Altec model # AT37G Serial # 0714DE16875

Test device # 676 Test voltage 56kv

Curb side control leakage current (microamp) .04 Street side control leakage current (microamp) _____

Pass Fail (reason) _____

Comments _____

Signature of technician Dockery Date of test 3/31/26