

lot 6

## Preventive Maintenance and Inspection Checklist

Vehicle No. 73 Location LIVINGSTON TN Date 08-31-22  
 Service Request # 5140096 Model # AT35G Serial # 0910DE12127  
 Odometer 183817 Hours Meter N/A Inspector MICHAEL HARVEY

Perform all inspections, adjustments, repairs, and lubrication according to Altec specifications in the Maintenance Manual. Refer to any MABs, CSNs, or other applicable documents provided by Altec for servicing the unit.

If you are tracking PTO hours utilizing an approved method or device, follow the recommended hourly maintenance intervals, or if you are performing maintenance based upon a calendar-based schedule, follow the recommended monthly intervals. The required items apply to both interval-tracking systems.

**Intervals**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Prior to placing unit in service  | <input type="checkbox"/> 85 PTO hours/1 month    | <input type="checkbox"/> 500 PTO hours/6 months  |
| <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"/> Required maintenance              |  |  |

**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		
Perform the Daily Preoperational Inspection (refer to the Operator's Manual)	<b>Rotation Bearing</b>	
	Turntable tilt measurement <sup>2</sup> : _____	
85 PTO Hours/1 Month		
<input type="checkbox"/> Perform the Daily Preoperational Inspection (refer to the Operator's Manual)	<b>Lubrication</b>	
	N/A	Rotation bearing ball race (AT30-G only)
500 PTO Hours/6 Months		
<input type="checkbox"/> Perform the 85 hour/1 month inspection	<b>Filters</b>	
<b>Supplemental Brake Lock</b>	<input type="checkbox"/>	Change return line filter
<input type="checkbox"/> Operation (holding, bleed off)	<b>Outriggers</b>	
<b>Hydraulic Reservoir/Pump/PTO</b>	<input type="checkbox"/>	Mounting (welds intact, no cracks or deformation)
<input type="checkbox"/> Mounting (cap screws secure, welds intact, no cracks)	<input type="checkbox"/>	Machine/ground level functions selector operation
<input type="checkbox"/> No leaks	<input type="checkbox"/>	Outrigger interlock system operation
<b>Unit Mounting</b>	<input type="checkbox"/>	Outrigger extend warning system operation
<input type="checkbox"/> Pedestal mounting (fasteners secure, welds intact, no cracks)	<input type="checkbox"/>	Operation (holding without drift)
	<input type="checkbox"/>	Structures (welds intact, no cracks or deformation)
<b>Stabilizer Bars</b>	<input type="checkbox"/>	Pins and retainers secure
<input type="checkbox"/> Structure (welds intact, no cracks or deformation)	<input type="checkbox"/>	No leaks
<input type="checkbox"/> Bushing bolts secure to manufacturer's specifications	<b>Lower Controls</b>	
<input type="checkbox"/> Bushing condition	<input type="checkbox"/>	Operation (metering, proper direction)
<input type="checkbox"/> Mounting cap screws secure	<input type="checkbox"/>	Engine start/stop switch operation
<input type="checkbox"/> Axle U-bolts secure	<input type="checkbox"/>	Lower/upper control operation

<b>Pedestal</b>		<input type="radio"/>	Fasteners secure
<input type="radio"/>	Structure (welds intact, no cracks or deformation)	<input type="radio"/>	Covers (in place and secure)
<input type="radio"/>	No leaks	<input type="radio"/>	No leaks
<input type="radio"/>	Rotary joint mounting cap screws (secure), restraint bracket secure	<b>Fiberglass</b>	
<input type="radio"/>	Covers	<input type="radio"/>	Arm and link (clean, surface damage)
<input type="radio"/>	Slip ring mounting cap screws (secure)	<b>Upper Boom</b>	
<b>Turntable</b>		<input type="radio"/>	Fiberglass cap screws (secure)
<input type="radio"/>	Structure (welds intact, no cracks or deformation)	<input type="radio"/>	Fiberglass (condition, clean, undamaged)
<input type="radio"/>	Boom pin and retainers secure	<input type="radio"/>	Covers (in place and secure)
<input type="radio"/>	Lift cylinder pivot pin and retainers secure	<input type="radio"/>	No leaks
<input type="radio"/>	Covers	<b>Extension Cylinder</b>	
<input type="radio"/>	No leaks	<input type="radio"/>	Trunnion pins secure
<b>Rotation Bearing and Gearbox</b>		<input type="radio"/>	Pin and retaining rings secure
<input type="radio"/>	Motor mounting cap screws secure	<input type="radio"/>	Operation
<input type="radio"/>	Gearbox mounting cap screw visual inspection	<input type="radio"/>	No leaks
<input type="radio"/>	Eccentric ring lock in place and secure	<input type="radio"/>	Chromed rod (condition)
<input type="radio"/>	No leaks	<b>Upper Boom Tip</b>	
<input type="radio"/>	Operation (smoothness and noise level)	<input type="radio"/>	Structure (welds intact, no cracks or deformation)
<input type="radio"/>	Pinion gear teeth	<input type="radio"/>	Platform mounting pin secure
<input type="radio"/>	Rotation bearing gear teeth	<input type="radio"/>	Leveling cylinder (operation)
<input type="radio"/>	Rotation bearing inspection and measurement ( <i>after</i> 0.050" increased wear from initial measurement) <sup>2</sup>	<input type="radio"/>	Leveling cylinder mounting (welds intact, no cracks or deformation)
<input type="radio"/>	Rotation bearing cap screw visual inspection	<input type="radio"/>	Leveling bracket cover (in place and secure)
<b>Articulating Arm Cylinder (AT35-G/AT37-G)</b>		<b>Upper Controls</b>	
<input type="radio"/>	Pin retainers secure	<input type="radio"/>	Operation (metering, proper direction)
<input type="radio"/>	Operation	<input type="radio"/>	Tools quick disconnect couplers (condition, operation, dust caps)
<input type="radio"/>	No leaks	<input type="radio"/>	No operation in Lower Controls position
<input type="radio"/>	Holding valves (operation, leaks)	<input type="radio"/>	No leaks
<input type="radio"/>	Chromed rod	<b>Platform</b>	
<b>Articulating Arm (AT35-G/AT37-G)</b>		<input type="radio"/>	Mounting secure
<input type="radio"/>	Riser (welds intact, no cracks or deformation)	<input type="radio"/>	Platform (condition, clean)
<input type="radio"/>	Link (welds intact, no cracks or deformation)	<input type="radio"/>	Liner (condition, clean, nylon cap screws secure)
<input type="radio"/>	Arm (welds intact, no cracks or deformation)	<input type="radio"/>	Fall protection system (condition)
<input type="radio"/>	Leveling cylinder (operation)	<input type="radio"/>	Covers (in place and secure)
<input type="radio"/>	Link pivot pins	<input type="radio"/>	Placards
<input type="radio"/>	Fiberglass fasteners secure	<input type="radio"/>	No leaks
<b>Lift Cylinder</b>		<b>Platform Leveling System</b>	
<input type="radio"/>	Pivot bearings secure within cylinder eyes	<input type="radio"/>	Operation
<input type="radio"/>	Pin retainers secure	<input type="radio"/>	No leaks
<input type="radio"/>	Operation	<b>Lubrication</b>	
<input type="radio"/>	No leaks	<input type="radio"/>	Outrigger valve handle linkage
<input type="radio"/>	Holding valves (operation, leaks)	<input type="radio"/>	Rotation bearing and pinion gear teeth
<input type="radio"/>	Chromed rod (condition)	<input type="radio"/>	Bonded hose assembly
<b>Lower Boom</b>			
<input type="radio"/>	Structure (welds intact, no cracks or deformation)		

Required Maintenance (Regardless of Hours)			
<b>Annual Testing</b>		N/A	Confirmation test of single handle or multi-lever control(s), if so equipped
N/A	Dielectric test unit		
N/A	Dielectric test platform liner		
1,000 PTO Hours/1 Year			
<input type="checkbox"/>	Perform the 500 hour/6 month inspection	<b>Pedestal</b>	
<b>Chassis Underside</b>		<input type="checkbox"/>	Hoses and tubes (routing, condition)
<input type="checkbox"/>	Hoses (routing, condition)	<b>Turntable</b>	
<input type="checkbox"/>	Exhaust shields	<input type="checkbox"/>	Hoses and tubes (routing, condition)
<b>Pump/PTO</b>		<b>Rotation Bearing and Gearbox</b>	
<input type="checkbox"/>	Operation	<input type="checkbox"/>	Rotation bearing cap screw annual torque inspection
<input type="checkbox"/>	Mounting cap screws secure	<input type="checkbox"/>	Rotation gearbox mounting cap screw annual torque inspection
<input type="checkbox"/>	Drive line (condition)		
<input type="checkbox"/>	Noise level	<b>Extension Cylinder</b>	
<b>Unit Mounting</b>		<input type="checkbox"/>	Hoses (routing, condition)
<input type="checkbox"/>	Utility body mounting and structure (cap screws secure, welds intact, no cracks)	<b>Articulating Arm</b>	
		<input type="checkbox"/>	Glue bond (fiberglass to steel visual inspection)
<input type="checkbox"/>	Boom rest (welds intact, no cracks or deformation)	<b>Upper Boom</b>	
<b>Hydraulic Reservoir</b>		<input type="checkbox"/>	Slide pad bearings and fasteners
N/A	Collect oil sample for analysis <sup>1</sup>	<b>Upper Boom Tip</b>	
<b>Outriggers</b>		<input type="checkbox"/>	Mounting to upper boom secure
<input type="checkbox"/>	Hoses and tubes (routing, condition)	<b>Upper Controls</b>	
<input type="checkbox"/>	Placards (condition, readable)	<input type="checkbox"/>	Hoses and tubes (routing, condition)
<b>Hydraulic System Pressure</b>		<input type="checkbox"/>	Placards (condition, readable)
<input type="checkbox"/>	System pressure (AT30-G, 2,200 psi; AT35-G/AT37-G, 2,400 psi)	<b>Platform</b>	
		<input type="checkbox"/>	Liner (condition, cleanliness, nylon bolts tight)
<b>Lower Controls</b>		<input type="checkbox"/>	Placards (condition, readable)
<input type="checkbox"/>	Placards (condition, readable)	<b>Lubrication</b>	
		N/A	Pump input shaft splines
2,000 PTO Hours/2 Years			
	Perform the 1,000 hour/1 year inspection	<b>Articulating Arm Link</b>	
<b>Hydraulic Reservoir and System</b>			Inspect per procedure
	Change hydraulic oil	<b>Rotation Bearing and Gearbox</b>	
	Clean suction filter element		Pinion to rotation bearing gear backlash
	Clean or change filler hole strainer		Gearbox internal lost motion
	Change filler/breather cap		Rotation bearing inspection and measurement ( <i>before</i> 0.050" increased wear from initial measurement) <sup>2</sup>
	Reservoir cover gasket (condition)		
4,000 PTO Hours/4 Years			
	Perform the 2,000 hour/2 year inspection		Clean inside of reservoir
<b>Hydraulic Reservoir and System</b>			
	Flush hydraulic system		

<sup>1</sup> 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 baseline sample. Compare future lab tests on subsequent samples to the original to establish a trend.

<sup>2</sup> Initially measure turntable tilt as a baseline. Check rotation bearing wear every 2 years until it measures 0.050" increased wear from initial measurements. After reaching 0.050" increased wear, measure every 6 months. Refer to the Maintenance Manual for the proper procedure.

<sup>1</sup>**Deficiency Type:** D – Damage; S – Sublet; M – Missing; N – Note

Item #	Def. Type <sup>1</sup>	Deficiency Description	Troubleshoot	Replace	Repair	Est. Hrs
*Note: Text size will auto adjust*						
1	D M S N	THE COVER AROUND THE OUTRIGGER HANDLES IS MISSING		Replace		
2	D M S N	THE COVER AROUND THE OUTRIGGER HANDLE IS DAMAGE				
3	D M S N	HARDWAER MISSING ON THE PLATFOMR COVER				
4	D M S N	THE BOOM COVER DAMAGE				
5	D M S N	THE UPPER JOYSTICK NEEDS TO BE REPALCED LOSE MONTION				
6	D M S N	PTO LEAKING TRANS FLUID				
7	D M S N	THE COVER OVER THE GO LIGHT NEEDS TO BE REPLACED				
8	D M S N	THE OUTRIGGER ALAMR NOT WORKING				
9	D M S N	LEAK IN THE UPPER BOOM				
10	D M S N	RPM IS NOT COMING UP TO 1200 RPM AT TIMES AND MAKING THE UNIT SLOW				
11	D M S N					
	D M S N					



Altec Industries, Inc.  
1730 Vanderbilt Road  
Birmingham AL 35234  
(877) 462-5832

**Please Remit To:**

Altec Industries, Inc.  
PO Box 11407  
BIRMINGHAM AL 35246-0414

**For Accounting Questions:**  
ARINQUIRY@ALTEC.COM  
205-408-8279

SERVICE INVOICE	
Invoice Number 51132661	Invoice Date 30-DEC-22
Request No. 5280488	Request Date 21-NOV-22
Terms NET 30	Sale Order No. 7194952

S  
O TWIN LAKES TELEPHONE COOP  
L PO BOX 67  
D GAINESBORO TN 38562  
T  
O

S TWIN LAKES TELEPHONE COOP  
H 2007 COOKSVILLE HWY  
I LIVINGSTON TN 38570  
P  
T  
O

Customer No. 38029		Site No. 94137		Site No. 1201272	
Customer Order No. 8118	Assembly No. 057-17128520	Customer Vehicle No. 73	Contact Name Michael Huff	Contact Phone No. 931-2618620	
In Service Date 08-MAR-11	Device Serial No. 0910DE12127	Model AT35G	Technician Latimer, Corey M	Odometer 168128	
VIN 1FDUF4HY4BEB76861	Garage	Lic. Plate No.	Driver	Eng. Meter Reading 3642	
PTO Hours 2398	Credit/Fleet Card Information		Crew No.	VMS Note	UP Note

Quantity	UOM	Part Number	Description	Price	Extended Price	Charge
1	EA	035200209-	HANDLE KIT;HYDRAULIC VALVE;;4.75;;M8 X 1.25 THRE			
1	EA	060870048-	ALARM;BACK UP;DUAL SOUND;97 DB;700-2800 HZ;12			
1	EA	067002886-	PLACARD;ENGLISH;INFORMATION;;;UPPER CONTROLS			
1	EA	070600426-	PARTS ORDER;COVERS,TROUGH,EXTENDED;ALTEC WH			
1	EA	970125049-	SINGLE HANDLE CONTROL ASSEMBLY;FULL PRESSURE,			
		970000619-	FREIGHT			

**Call Reason:**

PM REPAIRS  
PM REPAIRS

**Cause:**

repairs from pm

**Correction:**

12-20-22

brought truck in and looked over repairs. R/R SINGLE HANDLE CONTROL

CHECK OUTRIGGER ALAM AND FOUND IT NEEDS A NEW ALARM BOX

REPLACED MISSING HARDWARE

NO LEAK FOUND WHILE LOOKING IN BOOM

**Sub Total**

State Tax	7.00%	\$ .00
County Tax	2.50%	\$ .00
City Tax	.00%	\$ .00
Adj Tax		
<b>Total Tax</b>		<b>\$0</b>

Total Invoice