



## Association of Missouri Electric Cooperative Aerial Device Test Report

DB 7128



Date: Wed, Sep 6, 17

Unit Number: 37

Report Number: 00372817

Test Location: Poplar Bluff

Report Given To: CHUCK REINBOTT

Type of Test: Dielectric & Structural

Temperature: 65

Wind: 5

Humidity: 40%

### Aerial Device Information

Description: Bucket

Manufacturer: Altec

Model Number: AT40M

Serial Number: 0511CZ0509

Date of Manufacturer: Tue, Jun 14, 11

Tested By: Rob G & Cody






Next test should be on or about: Mon, Mar 5, 18

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#### Test and Report Limitations

This report is provided to you with the understanding that AMEC is only conducting the test and assisting you in interpreting the results. AMEC is not making any recommendation concerning the use of your equipment. Those decisions are solely up to you. These tests determine the state of the equipment at the time the tests were performed. Use of the equipment and the passage of time can cause changes in the equipment that would make these results invalid. The equipment should be re-tested at regular intervals to insure currency of the information produced by the tests.

**Dielectric Test**

Area Tested:	Voltage:	Time:	Leakage:	Comments:
 Basket Liner 1	35kv	60 Sec.	Passed	
 Basket Liner 1	35kv	60 Sec.	N/A	
Hydraulic Oil			Passed	
 Basket Shaft to Lower Boom	40kv	60 Sec.	.08MA	
 Lower Boom Insert	35kv	180 Sec.	.77MA	
 Basket Shaft to Chassis	40kv	60 Sec.	.08MA	
ISO - GRIP	40kv	180 Sec.	.23MA	

**Functional,  
Operational, &  
Structural Test**

Defect Class: 1 = Serious, Recommend Shut Down & Out of service  
 2 = Caution, Recommend Shut Down, Use with caution  
 3 = Repairs needed, Recommend soon or next maintenance

4 = Item Noted  
 5 = OK  
 6 = N/A

Area Inspected:	Defect Class:	Comments:
Outriggers	5	
Chassis	5	
Pedestal	5	
Turntable	5	
Lower Boom	5	
Elbow	5	
Upper Boom	5	
Bucket	5	
Digger/Auger	6	
Placards/Decals	5	
Other	3	LOOSE UPPER CONTROL GUARD - Replaced guards 9/20/17 Yancey - A/tec
Grounding Set	4	14933 PASSED 2/0
First Aid Kit	5	
Fire Extinguisher	5	

**AE Test**

Rated Capacity:	Percentage of Pull:	Load Test:	Passed/Failed:
400	200	800	Passed

Comments:



DB 7128

VEHICLE HISTORY RECORD	
REPORT NUMBER	FLEET UNIT NUMBER
41442174	Old 37
DATE 1-04-2018	

INSPECTOR'S NAME (PRINT OR TYPE) <i>Jan</i>	
THIS INSPECTOR MEETS THE QUALIFICATION REQUIREMENTS IN SECTION 396.19. <input checked="" type="checkbox"/> YES	
VEHICLE IDENTIFICATION ( <input checked="" type="checkbox"/> AND COMPLETE) <input checked="" type="checkbox"/> LIC. PLATE NO. <input type="checkbox"/> VIN <input type="checkbox"/> OTHER <i>11A3ZP</i>	
INSPECTION AGENCY/LOCATION (OPTIONAL)	

## VEHICLE COMPONENTS INSPECTED

OK	NEEDS REPAIR	REPAIRED DATE	ITEM	OK	NEEDS REPAIR	REPAIRED DATE	ITEM	OK	NEEDS REPAIR	REPAIRED DATE	ITEM
<b>1. BRAKE SYSTEM</b>				<b>6. SAFE LOADING</b>				<b>10. TIRES</b>			
<input checked="" type="checkbox"/>			a. Service Brakes				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.	<input checked="" type="checkbox"/>			a. Tires on any steering axle of a power unit.
<input checked="" type="checkbox"/>			b. Parking Brake System				b. Protection against shifting cargo.	<input checked="" type="checkbox"/>			b. All other tires.
<input checked="" type="checkbox"/>			c. Brake Drums or Rotors	<input checked="" type="checkbox"/>			c. Container securement devices on intermodal equipment.	<input checked="" type="checkbox"/>			c. Installation of speed-restricted tires unless specifically designated by motor carrier.
<input checked="" type="checkbox"/>			d. Brake Hose								
<input checked="" type="checkbox"/>			e. Brake Tubing	<input checked="" type="checkbox"/>							
<input checked="" type="checkbox"/>			f. Low Pressure Warning Device	<input checked="" type="checkbox"/>							
			g. Tractor Protection Valve								
			h. Air Compressor	<input checked="" type="checkbox"/>							
<input checked="" type="checkbox"/>			i. Electric Brakes								
<input checked="" type="checkbox"/>			j. Hydraulic Brakes								
<input checked="" type="checkbox"/>			k. Vacuum Systems	<input checked="" type="checkbox"/>							
<input checked="" type="checkbox"/>			l. Antilock Brake System	<input checked="" type="checkbox"/>							
			m. Automatic Brake Adjusters	<input checked="" type="checkbox"/>							
<b>2. COUPLING DEVICES</b>				<b>7. STEERING MECHANISM</b>				<b>11. WHEELS AND RIMS</b>			
<input checked="" type="checkbox"/>			a. Fifth Wheels				a. Steering Wheel Free Play	<input checked="" type="checkbox"/>			a. Lock or Side Ring
<input checked="" type="checkbox"/>			b. Pintle Hooks				b. Steering Column	<input checked="" type="checkbox"/>			b. Wheels and Rims
<input checked="" type="checkbox"/>			c. Drawbar/Towbar Eye	<input checked="" type="checkbox"/>			c. Front Axle Beam and All Steering Components Other Than Steering Column	<input checked="" type="checkbox"/>			c. Fasteners
<input checked="" type="checkbox"/>			d. Drawbar/Towbar Tongue	<input checked="" type="checkbox"/>			d. Steering Gear Box	<input checked="" type="checkbox"/>			d. Welds
<input checked="" type="checkbox"/>			e. Safety Devices	<input checked="" type="checkbox"/>			e. Pitman Arm				
<input checked="" type="checkbox"/>			f. Saddle-Mounts	<input checked="" type="checkbox"/>			f. Power Steering				
<b>3. EXHAUST SYSTEM</b>							g. Ball and Socket Joints				
<input checked="" type="checkbox"/>			a. Exhaust system leaking forward of or directly below the driver/sleeper compartment.	<input checked="" type="checkbox"/>			h. Tie Rods and Drag Links	<input checked="" type="checkbox"/>			
			b. Bus exhaust system leaking or discharging in violation of standard.	<input checked="" type="checkbox"/>			i. Nuts				
			c. Exhaust system likely to burn, char, or damage the electrical wiring, fuel supply, or any combustible part of the motor vehicle.	<input checked="" type="checkbox"/>			j. Steering System				
<b>4. FUEL SYSTEM</b>				<b>8. SUSPENSION</b>				<b>12. WINDSHIELD GLAZING</b>			
<input checked="" type="checkbox"/>			a. Visible leak.				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.	<input checked="" type="checkbox"/>			Requirements and exceptions as stated pertaining to any crack, discoloration or vision reducing matter (reference 393.60 for exceptions).
<input checked="" type="checkbox"/>			b. Fuel tank filler cap missing.	<input checked="" type="checkbox"/>			b. Spring Assembly				
<input checked="" type="checkbox"/>			c. Fuel tank securely attached.	<input checked="" type="checkbox"/>			c. Torque, Radius or Tracking Components				
<b>5. LIGHTING DEVICES</b>				<b>9. FRAME</b>				<b>13. WINDSHIELD WIPERS</b>			
<input checked="" type="checkbox"/>			All lighting devices and reflectors required by Part 393 shall be operable.	<input checked="" type="checkbox"/>			a. Frame Members	<input checked="" type="checkbox"/>			Any power unit that has an inoperative wiper, or missing or damaged parts that render it ineffective.
				<input checked="" type="checkbox"/>			b. Tire and Wheel Clearance				
				<input checked="" type="checkbox"/>			c. Adjustable Axle Assemblies (Sliding Subframes)				
								<b>14. MOTORCOACH SEATS</b>			
								Any passenger seat that is not securely fastened to the vehicle structure.			
								<b>15. OTHER</b>			
								List any other condition(s) which may prevent safe operation of this vehicle.			

INSTRUCTIONS: MARK COLUMN ENTRIES TO VERIFY INSPECTION: ☒ OK ☒ X NEEDS REPAIR ☒ NA IF ITEMS DO NOT APPLY. REPAIRED DATE

CERTIFICATION: THIS VEHICLE HAS PASSED ALL THE INSPECTION ITEMS FOR THE ANNUAL VEHICLE INSPECTION IN ACCORDANCE WITH 49 CFR PART 396.