



Association of Missouri Electric Cooperative Aerial Device Test Report



Date: Fri, Sep 8, 17

Unit Number: 22

Report Number: 00222817

Test Location: Poplar Bluff

Report Given To: CHUCK REINBOTT

Type of Test: Dielectric & Structural

Temperature: 70

Wind: 5

Humidity: 40%

Aerial Device Information

Description: Bucket

Manufacturer: Altec

Model Number: AT40M

Serial Number: 0710CZ0281

Date of Manufacturer: Thu, Jul 1, 10

Tested By: Rob G & Cody

Next test should be on or about: Wed, Mar 7, 18






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.

DB 7132

of report number 00222817

Electric 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.	.10MA	
 Lower Boom Insert	35kv	180 Sec.	1.02MA	
 Basket Shaft to Chassis	40kv	60 Sec.	.10MA	
ISO - GRIP	40kv	180 Sec.	.31MA	

Functional, Operational, & Structural Test

Defect Class: 1 = Serious, Recommend Shut Down & Out of service 4 = Item Noted
 2 = Caution, Recommend Shut Down, Use with caution 5 = OK
 3 = Repairs needed, Recommend soon or next maintenance 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	5	
Grounding Set	4	14927 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:

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ANNUAL VEHICLE INSPECTION REPORT

D B7132

VEHICLE HISTORY RECORD	
REPORT NUMBER	FLEET UNIT NUMBER
41442162	010-22
DATE 1-04-2018	

INSPECTOR'S NAME (PRINT OR TYPE)

THIS INSPECTOR MEETS THE QUALIFICATION REQUIREMENTS IN SECTION 396.19.

☒ YESVEHICLE IDENTIFICATION (✓ AND COMPLETE) ☒ LIC. PLATE NO. ☐ VIN ☐ OTHER

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