



## Association of Missouri Electric Cooperative Aerial Device Test Report



Date: Wed, Jun 10, 15

Unit Number: 5

Report Number: 00053815

Cooperative: Tri-County Electric Cooperative

P. O. Box 159

Lancaster

Test Location: Lancaster

Report Given To: Mike Scheib

Type of Test: Dielectric & Structural

Temperature: 76

Wind: 5

Humidity: 80%

### Aerial Device Information

Description: Bucket

Manufacturer: Altec

Model Number: AT37-G

Serial Number: 0809DE11258

Date of Manufacturer: Sat, Aug 1, 09

Tested By: Mike Markham & Jerry Knapp






Next test should be on or about: Thu, Jun 9, 16

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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.	Failed	Hole in bottom of liner.
 Basket Liner 1	35kv	60 Sec.	N/A	
Hydraulic Oil			Passed	
 Fiberglass Extension	40kv	60 Sec.	.25ma	
 Lower Boom Insert	35kv	180 Sec.	1.1ma	
 Basket Shaft to Chassis	40kv	60 Sec.	.25ma	
ISO - GRIP	40kv	180 Sec.	.21ma	

**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	5	
Placards/Decals	6	
Other	5	
Grounding Set	4	6952-Tested good to 14,500 amps fault current.
First Aid Kit	5	
Fire Extinguisher	5	

**AE Test**

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

Comments: