

# Consolidated Fleet Services, Inc.

P. O. Box 8238 Searcy, AR 72145  
cfservices@sbcglobal.net

Phone: 866.811.5237  
Fax: 501.279.1225

## Report of Inspection

ANNUAL SAFETY INSPECTION  
FOR

### AERIAL DEVICES AND DIGGER DERRICKS

In accordance with  
OSHA 1910.67, ANSI A92.2, ANSI A10.31

Customer MODOT

Location Macon, MO

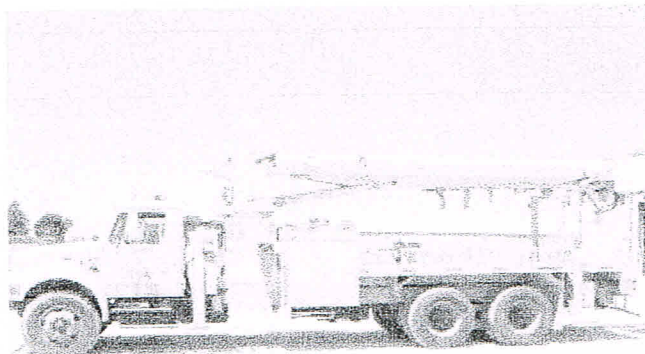
Manufacturer Altec

Date of Manufacture 2000 Date of Inspection 05/30/12

Category # 4

Unit Number  
G8678

Type of Unit  
DD



Serial Number  
0400CA0312

Model Number  
D3060

PO #:

Inspector(s): Randy Price

Job#: 2012RP0302

# DISCLAIMER

Consolidated Fleet Services, Inc. ("CFS") represents that CFS conducted its assessment of the equipment and prepared the report in accordance with the professional and industry standards prevailing at the time such services were rendered.

The information provided in this report is the result of the specific testing and inspection procedures conducted by CFS on the equipment and identified herein, as limited by the scope of work authorized by the customer (the "test results"). The test results reflect only the conditions of the components tested or inspected within the scope of work authorized. We have reviewed neither the maintenance records nor the actual use of the equipment before or after the date of the testing or inspection. No attempt has been made and no information is rendered with respect to any conditions of equipment or any component other than as expressly stated in the written test results. Specifically, but without limitations, no information, testing or inspection services are rendered concerning equipment design, suitability of the equipment for any particular purpose or the future serviceability of the equipment. The test results should not be construed as statement that equipment is safe or serviceable.

Additionally, you should be advised that the above report contains information that is time sensitive and that the report was prepared by CFS subject to the particular scope limitations, budgetary and time constraints and business objectives detailed in the report. If at any time this report is to be used by a third party other than the customer, CFS has the right to verify, at third party expense, the accuracy of the information contained in the report, as deemed necessary by CFS, based upon the passage of time or other material change in conditions since its assessment of the Site.

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Job #: 2012RP0302

Unit #: G8678

Date: 05/30/12

## Dielectric Test Record

Type of Equipment Von  
Equipment Model # C-1

Test Current  
Unit Category

AC	<input type="checkbox"/>	DC	<input checked="" type="checkbox"/>
B	<input type="checkbox"/>	C	<input checked="" type="checkbox"/>

### Note:

All insulated aerial devices manufactured after August 1, 2002 shall be tested in accordance with ANSI A92.2-2002. All other insulated aerial devices shall be tested in accordance with ANSI A 92.2-1990. All digger derricks shall be tested in accordance with ANSI A10.31-1995.

### Upper Boom Test

Current Leakage Value for this test.

Voltage Applied 56 KV

Initial reading 0  $\mu$ A

After 3 minutes 0  $\mu$ A

Pass ☒ Fail ☐

### Lower Boom Insulator

Current Leakage Value for this test.

Voltage Applied 50 KV

Initial reading \_\_\_\_\_  $\mu$ A

After 3 minutes \_\_\_\_\_  $\mu$ A

Pass ☐ Fail ☐

### Bucket Liner(s)

Liner A Results

Pass	<input type="checkbox"/>	Fail	<input type="checkbox"/>
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Liner B Results

Pass	<input type="checkbox"/>	Fail	<input type="checkbox"/>
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Voltage Applied 100 KV

Voltage held for 3 Minutes

### Upper Control Components

Current Leakage Value for this test.

Voltage Applied 56 KV

Initial reading \_\_\_\_\_  $\mu$ A

After 3 minutes \_\_\_\_\_  $\mu$ A

Maximum current level 56  $\mu$ A

Pass ☐ Fail ☐

Comments: \_\_\_\_\_



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Ultrasonic Equipment Manufacturer Krautkramer Model # DMS 2  
Magnetic Particle Equip. Manufacturer Parker Probe Model # DA 400

### Ultrasonic Inspection Checklist

1. Lower boom lift cylinder pin(s)
2. Lower boom main pin
3. Upper boom lift cylinder pin(s)
4. Upper boom main pin at elbow
5. Extension cylinder pin(s)
7. Bucket shaft pin
8. Bucket rotation cylinder pin(s)
9. Bucket rotation hinge pin(s)
10. Jib extension cylinder pin(s)
11. Jib tilt cylinder pin(s)
12. Outrigger foot attachment pin(s)
13. Outrigger extension cylinder pin(s)

### Magnetic Particle Inspection Checklist

1. Outrigger attachment welds
2. Pedestal mounting welds
3. Pedestal support welds
4. Turret ear & support welds
5. Lift cylinder pin support welds on turret
6. Lower boom support
7. Pin support welds on lower boom
8. Boom seam welds (upper/Lower)
9. Boom rest assembly (upper/Lower)
10. Scissors arms/links
11. Boom support welds at elbow
12. Bucket attachment welds
13. Jib attachment welds
14. Pintle Hook



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Unit #: G8678

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## Visual and Operational Inspection Checklist

### Pedestal

1. Pedestal Mounting Bolts-Welds
2. Gusset support welds inside Pedestal
3. Pedestal Base Welds
4. Rotation Gear attachment bolts
5. Hydraulic reservoir mounting and condition
6. Hydraulic fluid level
7. Condition of Hydraulic hoses inside Pedestal
8. Control Operation
9. Control Markings

### Turret

1. Support Welds
2. Lift Cylinder support welds
3. Lift Cylinder pins
4. Lift Cylinder pin retainers
5. Lift Cylinder pin bushings
6. Rotation gear attachment bolts
7. Slack in rotation assembly
8. Rotation gear box attachment bolts
9. Rotation gear teeth condition
10. Condition of Hydraulic hoses-fittings
11. Control Operation
12. Control Markings

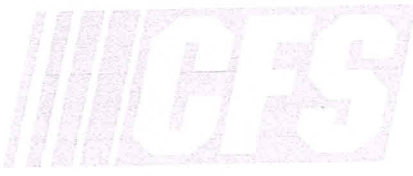
### First Stage Boom (Lower Boom)

1. Boom Seam welds
2. Main boom pin supports
3. Lift Cylinder support welds
4. Lift Cylinder pin(s)
5. Lift Cylinder pin retainers
6. Lift Cylinder pin bushing(s)
7. Lift Cylinder condition
8. Holding valve condition
9. Hydraulic hoses-fittings
10. Condition of Scissor arms-Links
11. Scissor pins and bushings
12. Scissor assembly
13. Lift Cables
14. Lift Cable attachment Assembly
15. Lift Cable Sheaves and Guides
16. Extension Rollers-Wear Pads
17. Fiberglass insert-mounting
18. Condition of Leveling cables
19. Condition of Leveling cable sheaves
20. Condition of Leveling Rods
21. Lower Boom Saddle Assembly
22. Upper boom Saddle Assembly

### Second Stage Boom

1. Boom Seam welds
2. Pivot pin support welds
3. Condition of Pivot Pin-Bushings-Retainers
4. Lift Cylinder support welds
5. Lift Cylinder pin(s)
6. Lift Cylinder pin retainers
7. Lift Cylinder pin bushing(s)
8. Lift Cylinder condition
9. Extension Cylinder(s)
10. Extension Cylinder Pins
11. Extension Cylinder Pin Retainers
12. Extension Cylinder Pin Bushings
13. Extension Rollers-Wear Pads
14. Fiberglass Mounting
15. Fiberglass Coating
16. Condition of Leveling cables
17. Condition of Leveling cable sheaves
18. Condition of Leveling Rods
19. Condition of Hydraulic Hoses-Fittings
20. Hose Wrap up at Elbow





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## Third Stage Boom & Additional Sections

1. Boom Seam Welds
2. Boom tip Welds
3. Extension Cylinder(s)
4. Extension Cylinder Pins
5. Extension Cylinder Pin Retainers
6. Extension Cylinder Pin Bushings
7. Extension Rollers-Wear Pads
8. Fiberglass Boom Mounting
9. Fiberglass Coating
10. Condition of Hydraulic Hoses-Fittings

## Material Handling Aerial Devices

1. Jib
2. Jib Attachment Assembly
3. Jib Slide Collar
4. Jib Winch Condition
5. Jib Winch Attachment Assembly
6. Jib Winch Line
7. Jib Winch Line Hook
8. Jib Winch Line Sheaves
9. Jib Winch Line Sheave Pins and Bushings
10. Jib Tilt Cylinder
11. Jib Tilt Pins/Retainers
12. Jib Assembly Covers
13. Jib Capacity Chart
14. Jib Controls
15. Jib Control Markings

## Outriggers

1. Foot
2. Foot welds
3. Foot attachment assembly
4. Foot attachment pins and keepers
5. Hydraulic cylinders
6. Hydraulic cylinder pins and keepers
7. Hydraulic hoses
8. Hydraulic hose fittings
9. Outrigger attachment assembly
10. Outrigger support and crossbrace welds
11. Condition of pads
12. Outrigger control markings
13. Outrigger control operation

## Bucket(s)

1. General Condition
2. Bucket Rotator Assembly
3. Bucket Rotator Operation
4. Bucket Rotator Cylinder(s)
5. Bucket Rotator Cylinder(s) Pins
6. Bucket Rotator Cylinder(s) Pin Retainers
7. Upper Control Emergency Dump System
8. Emergency Power Control
9. Start/Stop Control(s)
10. Throttle Control
11. Hydraulic Hose Wrap up
12. Upper Control Operation
13. Upper Control Markings
14. Upper Control Guard
15. Capacity Chart
16. Bucket Liner Condition

## Digger Derrick

1. Pole Claw Arms
2. Pole Claw Attachment
3. Pole Claw Cylinder Welds-Bolts
4. Auger
5. Auger Gear box Housing
6. Auger Motor
7. Auger Wind Cable
8. Auger Stow Assembly
9. Auger Slide Collar Assembly
10. Auger Slide Collar Guide Pins
11. Auger Latch Assembly
12. Wire Rope or Winch Line
13. Condition of Lifting Hook
14. Load line Condition

## Chassis

1. Frame
2. Springs and spring hangers
3. Axle "U" bolts
4. Subframe mounting bolts and welds
5. Outrigger to frame mounting bolts/welds
6. Pedestal to frame mounting bolts/welds
7. PTO pump condition
8. Hydraulic hose condition
9. Hydraulic hose routing/mounting
10. Pintle Hook mounting and condition