



C-198




Prepared for:
SHERMAN CRANE

140 West St.
Wilmington, MA 01887



140 West St. Wilmington, MA 01887

Overview



Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Inspection	0	3	0	1
Local Acknowledgment Of Unit Examination	0	0	0	1
Overall:	0	3	0	2

Breakdown by Location

Location	 High	 Med	 Low	# Forms
140 West St. Wilmington, MA 01887	0	3	0	2
Overall:	0	3	0	2

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Boom Truck Crane	0	3	0	1
Overall:	0	3	0	1



Inspection
SHERMAN CRANE
140 West St.
Wilmington, MA 01887

FolderID: AI7156
FormID: 24542061



Boom Truck Crane

Completed by: Josh McLarnon on 05/23/2025

Location: 140 West St. Wilmington, MA 01887

Serial #: 290032

TagID: C-198

Status: In Service

Description: 2004 NATIONAL 9103-A / 290032

Manufacturer: National

Model Number: 900A

Capacity: per OEM capacity chart

Hook Type : Overhaul Ball & Hook

Length/Lift: 30 - 103 ft

Miles and Hours

1. Miles

170,777 Miles



2. Hours

14023 Hours

General

- | | |
|---|--------------------|
| ● 3. Guards / Covers | (SAT) Satisfactory |
| ● 4. External Lights | (SAT) Satisfactory |
| ● 5. Warning Decals | |
| ☐ <i>MOST WARNING DECALS NEED TO BE REPLACED.</i> | |
| ● 6. Housekeeping | (SAT) Satisfactory |
| ● 7. Hand Signal Chart | (SAT) Satisfactory |

Historical Data

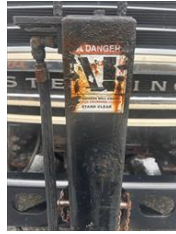
- | | |
|---------------------------------|---------------------|
| ● 8. Monthly Inspection Records | (SAT) Satisfactory |
| ● 9. Maintenance Records | (SAT) Satisfactory |
| ● 10. Modification Records | (NA) Not Applicable |
| ● 11. Load Test Records | (SAT) Satisfactory |

Driver's Cab

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●	12. Glass	(SAT) Satisfactory
●	13. Windshield Wipers	(SAT) Satisfactory
●	14. Mirrors	(SAT) Satisfactory
●	15. Fire Extinguishers	(SAT) Satisfactory
●	16. Seat	(SAT) Satisfactory
●	17. Seat Belt	(SAT) Satisfactory
●	18. Power Take-Off	(SAT) Satisfactory
●	19. Parking Brake	(SAT) Satisfactory
●	20. Air Pressure	(SAT) Satisfactory
●	21. Instruments / Gauges	(SAT) Satisfactory
●	22. Switches / Functions	(SAT) Satisfactory
●	23. Horn	(SAT) Satisfactory
●	24. Steering	(SAT) Satisfactory
●	25. Engine Clutch	(SAT) Satisfactory
●	26. Accelerator	(SAT) Satisfactory
●	27. Brake	(SAT) Satisfactory
●	28. Defroster	(SAT) Satisfactory
●	29. Operator's Manual	(SAT) Satisfactory
Truck Power Plant		
●	30. Performance	(SAT) Satisfactory
●	31. Exhaust System Guards & Insulators	(SAT) Satisfactory
●	32. Belts / Hoses	(SAT) Satisfactory
●	33. Moving Parts Guards & Covers	(SAT) Satisfactory
Chassis		
●	34. Transmission	(SAT) Satisfactory
●	35. Driveline	(SAT) Satisfactory
●	36. Tires / Wheels	(SAT) Satisfactory
●	37. Tire Air Pressure	(SAT) Satisfactory
●	38. Chassis Frame Members	(SAT) Satisfactory
●	39. Hydraulic Hoses / Tubing / Fittings	(SAT) Satisfactory
●	40. Hydraulic Fluid Level	(SAT) Satisfactory
●	41. Anti Skid Surface	(SAT) Satisfactory
●	42. Guards / Covers	(SAT) Satisfactory
●	43. Backup Alarm	(SAT) Satisfactory
Outriggers / Stabilizers		
●	44. Boxes	(SAT) Satisfactory
●	45. Beams	(SAT) Satisfactory
●	46. Cylinders	(SAT) Satisfactory
●	47. Floats / Pads	(SAT) Satisfactory
●	48. Hydraulic Hoses / Tubes / Fittings	(SAT) Satisfactory
●	49. Holding Valves	(SAT) Satisfactory
●	50. Caution / Warning Signs	
■	REAR TWO OUTRIGGERS AND FRONT OUTRIGGER NEED NEW CRUSH WARNING STICKERS.	

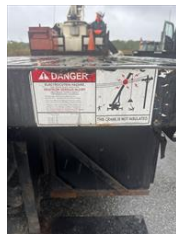
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Operators Station

- | | |
|------------------------------------|---------------------|
| 51. Grab Rails / Steps / Platforms | (SAT) Satisfactory |
| 52. Door Restraint | (NA) Not Applicable |
| 53. Windows | (NA) Not Applicable |
| 54. Anti Skid Surface | (SAT) Satisfactory |
| 55. Fire Extinguisher | (NA) Not Applicable |
| 56. Electrocution Warning Sign | |

☐ **MOST ELECTROCUTION STICKERS NEED TO BE REPLACED**



- | | |
|------------------------------------|---------------------|
| 57. Controls Identified | (SAT) Satisfactory |
| 58. Accelerator / Throttle Control | (SAT) Satisfactory |
| 59. Horn | (SAT) Satisfactory |
| 60. Seat | (NA) Not Applicable |

Load Chart

- | | |
|------------------------------------|--------------------|
| 61. Per Configuration | (SAT) Satisfactory |
| 62. Durable | (SAT) Satisfactory |
| 63. Legible | (SAT) Satisfactory |
| 64. Secured | (SAT) Satisfactory |
| 65. Visible From Operators Station | (SAT) Satisfactory |

Safety Devices / Operational Aids

- | | |
|-----------------------------|---------------------|
| 66. Boom Angle Indicator | (SAT) Satisfactory |
| 67. Boom Length Indicator | (SAT) Satisfactory |
| 68. Drum Rotation Indicator | (NA) Not Applicable |
| 69. Overload Protection | (SAT) Satisfactory |
| 70. Crane Level Indicator | (SAT) Satisfactory |
| 71. Anti Two-Block Device | (SAT) Satisfactory |

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72. Outrigger / Stabilizer Position Sensor	(SAT) Satisfactory
Upper Structure	
73. Turntable	(SAT) Satisfactory
74. Mounting	(SAT) Satisfactory
75. Turret	(SAT) Satisfactory
76. Counterweight Mounting	(NA) Not Applicable
77. Hydraulic Pump(s)	(SAT) Satisfactory
78. Hydraulic Hoses / Tubes / Fittings	(SAT) Satisfactory
79. Hydraulic Pressure	(SAT) Satisfactory
80. Electrical Wiring	(SAT) Satisfactory
81. Hoist Brake	(SAT) Satisfactory
82. Hoist - Motor / Valves / Lines	(SAT) Satisfactory
83. Hoist Spooling	(SAT) Satisfactory
84. Hoist - Minimum 2 Rope Wraps	(SAT) Satisfactory
85. Swing Gear Box	(SAT) Satisfactory
86. Electrocution Warning Sign	(SAT) Satisfactory
Main Boom	
87. Lift Cylinder(s)	(SAT) Satisfactory
88. Telescoping Cylinder(s)	(SAT) Satisfactory
89. Hydraulic Hoses / Tubes / Fittings	(SAT) Satisfactory
90. Holding Device	(SAT) Satisfactory
91. Boom Sections Alignment	(SAT) Satisfactory
92. Wear Pads	(SAT) Satisfactory
93. Sheave(s)	(SAT) Satisfactory
94. Hoist Line Dead End	(SAT) Satisfactory
95. Wire Rope Retainer	(SAT) Satisfactory
96. Boom Hinge Pin	(SAT) Satisfactory
97. Boom Head Section	(SAT) Satisfactory
98. Structure	(SAT) Satisfactory
Load Block & Hook	
104. Capacity Marking	(SAT) Satisfactory
105. Weight Marking	(SAT) Satisfactory
106. Sheave(s)	(SAT) Satisfactory
107. Safety Latch(s)	(SAT) Satisfactory
108. 0° Hook Bend or Twist	(SAT) Satisfactory
109. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
110. 10% Hook Wear Max	(SAT) Satisfactory
111. Bearing	(SAT) Satisfactory
112. Wedge Socket / End Fitting	(SAT) Satisfactory
113. Reeving	(NA) Not Applicable
Wire Rope	
122. Rope Damage	(SAT) Satisfactory
123. Measured Wear	(SAT) Satisfactory
ACTUAL-15MM MEASURED-15.50MM	
124. Broken Wires	(SAT) Satisfactory
125. Lubrication	(SAT) Satisfactory
126. End Connectors	(SAT) Satisfactory
Verification and Completion	

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127. Inspector Name and Signature

Joshua McLarnon



128. Date of Inspection

05/22/2025

129. Customer Name and Signature

SHERMAN CRANE

● 130. Certificate Issued

(Y) Yes





Local Acknowledgment Of Unit Examination

SHERMAN CRANE

140 West St.
Wilmington, MA 01887

FolderID: AI7156
FormID: 24542062



Boom Truck Crane

Location: 140 West St. Wilmington, MA 01887
Serial #: 290032
TagID: C-198
Status: In Service


Description: 2004 NATIONAL 9103-A / 290032

Manufacturer: National
Model Number: 900A
Capacity: per OEM capacity chart
Hook Type : Overhaul Ball & Hook
Length/Lift: 30 - 103 ft

Local Acknowledgment Of Unit Examination

1. OWNERS IDENTIFICATION	C-198
2. OWNER/EMPLOYER	SHERMAN CRANE
3. OWNERS ADDRESS	140 WEST ST. WILMINGTON, MA 01887
4. TYPE OF DEVICE	Crane
5. CRANE LOCATION/ ADDRESS	140 WEST ST. WILMINGTON, MA 01887
6. DOES UNIT CHANGE WORKSITES?	(Y) YES
7. HOUR METER	14023 HRS
8. MANUFACTURER	NATIONAL CRANE
9. MODEL	900A
10. SERIAL NUMBER	290032
11. DESCRIPTION OF DEVICE	HYDRAULIC TELESCOPIC BOOM TRUCK
12. MAXIMUM CAPACITY PER CONFIGURATION	LBS
13. SERVICE STATUS	Hook Work
14. BOOM LENGTH & TYPE	30'-103' 3 SECTION WELDED BOX CONSTRUCTION
15. LUFFING JIB LENGTH & TYPE	
16. FIXED JIB LENGTH & TYPE	
17. TOWER HEIGHT & TYPE	

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18. Proof Load Test Applied 1.1		
BOOM LENGTH	BOOM ANGLE	RADIUS
65.9FT	53.8	39.4FT
19. Proof Load Test Applied 1.2		
RATED LOAD	PROOF LOAD	% OF RATED LOAD
6,500LBS	6,100LBS	93
		
20. Proof Load Test Applied 1.3		
HOIST USED	BOOM DIRECTION	LOAD CHART NUMBER
MAIN	OVER REAR	LMI CODE
21. DESCRIPTION OF PROOF LOAD		CRANE COUNTER WEIGHT
22. BASIS FOR ASSIGNED LOAD RATINGS		OEM DESIGN RATINGS
23. REMARKS AND/OR LIMITATIONS IMPOSED		
<i>THE LMI FUNCTIONED AS DESIGNED AND SAFELY DISABLED THE CRANE AT MAXIMUM LOADED RADIUS AND WHEN ALL SAFETY LIMITS WERE REACHED</i>		
24. I certify that on this date, the above device was examined & tested by the undersigned or authorized representative who in their opinion, said the unit complied with the standards or requirements of OSHA: 1926.1400 and ASME B30.5		05/22/2025
25. SIGNATURE OF AUTHORIZED PERSON		Joshua McLarnon
