






C-164

Prepared for:
SHERMAN CRANE



140 West St.
Wilmington, MA 01887

Overview




Breakdown by Form

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

Breakdown by Location

Location	 High	 Med	 Low	# Forms
140 West St. Wilmington, MA 01887	0	1	0	2
Overall:	0	1	0	2

Breakdown by Asset

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

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Inspection
SHERMAN CRANE
140 West St.
Wilmington, MA 01887

FolderID: AI7145
FormID: 24541894



Telescoping Boom Crane

Completed by: Josh McLarnon on 05/22/2025

Location: 140 West St. Wilmington, MA
01887

Serial #: 085-244

TagID: C-164

Status: In Service

Description: 2013 LIEBHERR LTM-1055-3.2 / 085
-244

Manufacturer: Liebherr

Model: LTM-1055-3.2

Capacity: per OEM capacity chart

Length/Lift: 33 - 131 ft

Hook Type: Load Block & Hook

Hours and Miles

- | | |
|----------|--------------------|
| 1. Hours | 5241 Hours |
| 2. Miles | 69437 Miles |



Historical Records

- | | |
|---|----------------------------|
| 3. Monthly Inspection | (SAT) Satisfactory |
| 4. Record of Maintenance | (SAT) Satisfactory |
| 5. Documentation of Annual / Comprehensive Inspection | (SAT) Satisfactory |
| 6. Equipment Modification(s) or additions | (NA) Not Applicable |
| 7. Record of Load Test | (SAT) Satisfactory |

General

- | | |
|-------------------------------|---------------------------|
| 8. External Lights | (SAT) Satisfactory |
| 9. Housekeeping | (SAT) Satisfactory |
| 10. Safety and Warning Labels | (SAT) Satisfactory |
| 11. Hand Signal Chart | (SAT) Satisfactory |

Driver's Cab and Station

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● 12. Service Brake	(SAT) Satisfactory
● 13. Emergency Brake	(NA) Not Applicable
● 14. Parking Brake	(SAT) Satisfactory
● 15. External Lights (Headlights, Taillights, Brake Lights)	(SAT) Satisfactory
● 16. Audible Warning Device	(SAT) Satisfactory
● 17. Audible Reverse Signal Alarm	(SAT) Satisfactory
● 18. Windows / Mirrors	(SAT) Satisfactory
● 19. Windshield Wipers	(SAT) Satisfactory
● 20. Windshield Defroster	(SAT) Satisfactory
● 21. Seatbelts	(SAT) Satisfactory
● 22. Tires	(SAT) Satisfactory
● 23. Seat	(SAT) Satisfactory
● 24. Steering	(SAT) Satisfactory
● 25. Housekeeping	(SAT) Satisfactory
● 26. Fire Extinguisher	(SAT) Satisfactory
Lower Carrier Power Plant	
● 27. Engine Performance	(SAT) Satisfactory
● 28. Exhaust System	(SAT) Satisfactory
● 29. Belts	(SAT) Satisfactory
● 30. Rotating and Reciprocating Parts	(SAT) Satisfactory
Carrier	
● 31. Transmission	(SAT) Satisfactory
● 32. Drive Line	(SAT) Satisfactory
● 33. Tires	(SAT) Satisfactory
● 34. Tire Air Pressure	(SAT) Satisfactory
● 35. Main Frame Members	(SAT) Satisfactory
● 36. Hydraulic Hoses, Fittings, Tubes	(SAT) Satisfactory
● 37. Hydraulic Fluid Level	(SAT) Satisfactory
● 38. Hoses / Tubing / Fittings .	(SAT) Satisfactory
● 39. Slip Resistant Walking surface	(SAT) Satisfactory
● 40. Axle Lockout	(SAT) Satisfactory
● 41. Audible Reverse Signal Alarm	(SAT) Satisfactory
Outriggers	
● 42. Boxes & Beams	(SAT) Satisfactory
● 43. Hydraulic Cylinders	(SAT) Satisfactory
● 44. Pad / Float	(SAT) Satisfactory
● 45. Hoses / Tubing / Fittings	(SAT) Satisfactory
● 46. Holding Valves	(SAT) Satisfactory
● 47. Caution / Warning Signs	(SAT) Satisfactory
Operator's Station	
● 48. Windows	(SAT) Satisfactory
● 49. Windshield Wipers	(SAT) Satisfactory
● 50. Cab Door Restraint	(SAT) Satisfactory
● 51. Cab Access	(SAT) Satisfactory
● 52. Steps / Ladders / Handrails	(SAT) Satisfactory
● 53. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 54. Load Chart	(SAT) Satisfactory
● 55. Fire Extinguisher	(SAT) Satisfactory

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● 56.	Operator's Manual	(SAT) Satisfactory
● 57.	Seat	(SAT) Satisfactory
● 58.	Seatbelts	(NA) Not Applicable
● 59.	Electrocution Warning Sign(s)	(SAT) Satisfactory
● 60.	Level	(SAT) Satisfactory
● 61.	Horn	(SAT) Satisfactory
● 62.	Load Indicator	(SAT) Satisfactory
● 63.	Controls Identified	(SAT) Satisfactory
● 64.	Control Mechanisms	(SAT) Satisfactory
● 65.	Power Plant Controls	(SAT) Satisfactory
● 66.	Brake and Clutch	(NA) Not Applicable
● 67.	Travel Brakes	(NA) Not Applicable
● 68.	Travel Controls	(NA) Not Applicable
● 69.	Travel Mechanism	(NA) Not Applicable
● 70.	Travel Locks	(NA) Not Applicable
Load Chart		
● 71.	Ground Level, Remotely Controlled	(SAT) Satisfactory
● 72.	Per Configuration	(SAT) Satisfactory
● 73.	Visible from Fixed Operator's Station	(SAT) Satisfactory
● 74.	Durable / Legible/ Secured	(SAT) Satisfactory
Safety Devices / Operational Aids		
● 75.	Boom Angle Indicator	(SAT) Satisfactory
● 76.	Boom Length Indicator	(SAT) Satisfactory
● 77.	Main Drum Rotation Indicator	(SAT) Satisfactory
● 78.	Auxiliary Drum Rotation Indicator	(NA) Not Applicable
● 79.	Load Moment Indicator	(SAT) Satisfactory
● 80.	Load Weight Indicator	(SAT) Satisfactory
● 81.	Radius Indicator	(SAT) Satisfactory
● 82.	Level Indicator	(SAT) Satisfactory
● 83.	Barge List & Trim Indicator	(NA) Not Applicable
● 84.	If Barge Mounted, Is The Crane Secured To The Barge	(NA) Not Applicable
● 85.	Two-Block System	(SAT) Satisfactory
● 86.	Overload Prevention Device	(SAT) Satisfactory
Rotating Upper Structure		
● 91.	Turntable / Bearing	(SAT) Satisfactory
● 92.	Turntable / Rollers	(NA) Not Applicable
● 93.	Counterweight Frame	(SAT) Satisfactory
● 94.	Ring and Pinion Gear	(SAT) Satisfactory
● 95.	Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
● 96.	Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory
● 97.	Hydraulic Pressure	(SAT) Satisfactory
● 98.	Electrical Wiring	(SAT) Satisfactory
● 99.	Main Hoist - Brakes and Clutch System	(SAT) Satisfactory
● 100.	Main Hoist - Wire Rope Reeving	(SAT) Satisfactory
● 101.	Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory
● 102.	Auxiliary Hoist - Brakes and Clutch System	(NA) Not Applicable
● 103.	Auxiliary Hoist - Wire Rope Reeving	(NA) Not Applicable
● 104.	Auxiliary Hoist - Meets 2 rope wrap minimum	(NA) Not Applicable

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● 105. Swing System / Assembly	(SAT) Satisfactory
● 106. Counterweight Mounting	(SAT) Satisfactory
● 107. Counterweight Posted Warnings	(SAT) Satisfactory
● 108. Electrocution Posted Warnings	(SAT) Satisfactory
Main Boom	
● 114. Lift Cylinder(s)	(SAT) Satisfactory
● 115. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 116. Hydraulic Hoses, Tubes, and Fittings	(SAT) Satisfactory
● 117. Holding Device	(SAT) Satisfactory
● 118. Boom Sections Alignment	(SAT) Satisfactory
● 119. Wear Pads	(SAT) Satisfactory
● 120. Sheaves	(MON) Monitor
☞ <i>MULTIPLE SHEAVE BEARINGS IN THE BOOM HEAD ARE MAKING NOISE.</i>	
● 121. Hoist Line Dead End	(SAT) Satisfactory
● 122. Boom Hinge Pin	(SAT) Satisfactory
● 123. Boom Head Section	(SAT) Satisfactory
● 124. Auxiliary Boom Head	(NA) Not Applicable
● 125. Structure	(SAT) Satisfactory
Jib	
● 126. Structure	(SAT) Satisfactory
● 127. Sheaves	(SAT) Satisfactory
● 128. Wire Rope Retainers	(SAT) Satisfactory
● 129. End Connections and Pins	(SAT) Satisfactory
● 130. Wire Rope Retainers.	(SAT) Satisfactory
Main Drum Wire Rope	
● 134. Rope Damage	(SAT) Satisfactory
● 135. Diameter and wear	
Size	Actual diameter measurement
15MM	15.80MM
● 136. Lubrication	(SAT) Satisfactory
● 137. End Connectors	(SAT) Satisfactory
Load Block & Hook	
● 159. Capacity Marking	(SAT) Satisfactory
● 160. Weight Marking	(SAT) Satisfactory
● 161. Sheave(s)	(SAT) Satisfactory
● 162. Safety Latch(es)	(SAT) Satisfactory
● 163. 0° Hook Bend or Twist	(SAT) Satisfactory
● 164. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 165. 10% Hook Wear Max	(SAT) Satisfactory
● 166. Bearing	(SAT) Satisfactory
● 167. Wedge Socket / End Fitting	(SAT) Satisfactory
● 168. Reeving	(SAT) Satisfactory
No-Load Operational Test	
● 177. No-Load Operational Test	(SAT) Satisfactory
Verification and Completion	
178. Inspector Name and Signature	Joshua McLarnon

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179. Date of Inspection

05/22/2025

180. Customer Name and Signature

SHEMAN CRANE

● 181. Certificate Issued

(Y) Yes





Local Acknowledgment Of Unit Examination

SHERMAN CRANE

140 West St.
Wilmington, MA 01887

FolderID: AI7145
FormID: 24541895



Telescoping Boom Crane

Completed by: Josh McLarnon on 05/22/2025

Location: 140 West St. Wilmington, MA
01887

Serial #: 085-244

TagID: C-164

Status: In Service

Description: 2013 LIEBHERR LTM-1055-3.2 / 085-244

Manufacturer: Liebherr


Model: LTM-1055-3.2

Capacity: per OEM capacity chart

Length/Lift: 33 - 131 ft

Hook Type: Load Block & Hook

Local Acknowledgment Of Unit Examination

1. OWNERS IDENTIFICATION	C-164
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	5241 HRS
	
8. MANUFACTURER	LIEBHERR
9. MODEL	LTM1055-3.2
10. SERIAL NUMBER	085244
11. DESCRIPTION OF DEVICE	HYDRAULIC TELESCOPIC ALL TERRAIN
12. MAXIMUM CAPACITY	SEE OEM CAPACITY CHART PER CONFIGURATION

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13. SERVICE STATUS	HOOK WORK		
14. BOOM LENGTH & TYPE	33'-131' HYDRAULIC TELESCOPIC PIN AND LATCH		
15. LUFFING JIB LENGTH & TYPE			
16. FIXED JIB LENGTH & TYPE	31'-52'		
SWING AWAY BI-FOLD OFFSETABLE			
17. TOWER HEIGHT & TYPE			
18. PROOF LOAD TEST APPLIED 1.1			
BOOM LENGTH	BOOM ANGLE	RADIUS	
69.1'	48.8	39.8'	
19. PROOF LOAD TEST APPLIED 1.2			
RATED LOAD	PROOF LOAD	% OF RATED LOAD	
9700LBS	9900LBS	102.1	
			
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			
THE LMI FUNCTIONED AS DESIGNED AND SAFELY DISABLED THE CRANE AT MAXIMUM LOADED RADIUS AND WHEN ALL SAFETY LIMITS WERE REACHED			
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
			