

U.S. CRANE INC.

CRANES, HOISTS: PARTS & SERVICE

Prepared for:

U.S. Army Reserve (VA012)

5746 RESERVE WAY Dublin, VA 24084

on

7/17/2025

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Overview

Breakdown by Form

Form Type	High	Med	Low	# Forms
Annual Inspection	2	2	2	1
Service Work Order	0	0	0	1
Overall:	2	2	2	2

Breakdown by Location

Location	High	Med	Low	# Forms
Not Specified	0	0	0	1
SHOP	2	2	2	1
Overall:	2	2	2	2

Breakdown by Asset

Asset Type	High	Med	Low	# Assets
Overhead Crane	2	2	2	1
Overall:	2	2	2	1

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CRANES, HOISTS: PARTS & SERVICE

CINCINNATI, OHIO

www.uscraneinc.com

(513) 530-5252

(800) 466-8224

U.S. CRANE, INC.
4646 PARK ROAD
FAYETTEVILLE, OH 45118
800-466-8224

Service Work Order

FolderID: AI6252

FormID: 25023318

U.S. Army Reserve (VA012)

5746 RESERVE WAY
Dublin, VA 24084

Performed By: NCSC Technician

Date Completed: 07/10/2025

Priorities Found: ● 10 - Good

US Crane Job Information

- 1. US Crane Work Order Number
35102-42233
- 2. US Crane SO Number
- 3. Customer Purchase Order
0001959
- 4. Is a new work order required?

Service Details

- 5. What are the service requirements?

COMPLETE ANNUAL PERIODIC OSHA INSPECTION OF (1) CRANE & HOIST AT ARMY RESERVE DUBLIN, VA (VA012).

INCLUDES pneumatic, electrical, and mechanical inspections of overhead cranes and hoists ALONG WITH ALL COMPONENTS FOR OSHA VIOLATIONS, OPERATIONAL CONDITIONS AND POTENTIAL MAINTENANCE PROBLEMS. Inspection FOR OSHA compliance of equipment and practices (In accordance with our interpretation of OSHA). VISUAL Inspection of runways and monorails FOR APPARENT DEFICIENCIES, along with RUNWAY electrification and support structures.

SERVICE GREASE POINTS, CHECK GEARBOXES, AND LUBRICATE WIRE ROPE OR LOAD CHAIN AS NECESSARY. NOTIFY AND/OR IDENTIFY IF OIL SHOULD BE DRAINED AND REPLACED BASED ON MANUFACTURER'S RECOMMENDATIONS.

CHECK CONTACTORS AND VFD'S, MECHANICAL FUNCTIONS, AND ELECTRICAL CONNECTIONS.

CHECK HOOK BLOCKS, HOOKS, HOOK SHANKS, AND OTHER HOOK COMPONENTS AND PARTS.

MINOR ADJUSTMENTS AND TIGHTENING OF COVERS AND LOOSE BOLTS.

- 6. Service Objectives

COMPLETE ANNUAL PERIODIC OSHA INSPECTION OF (1) CRANE & HOIST AT ARMY RESERVE DUBLIN, VA (VA012).

- 7. Service Performed

inspections and preventative maintenance

- 8. Parts Required

Part Number	Description	Quantity/Cost

- 9. Parts Used

Part Number	Description	Quantity/Cost

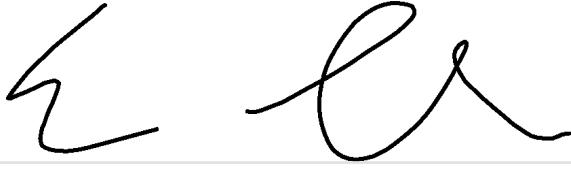
- 10. Service Outcome

Pass

- 11. Is follow up service required?

No

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<input checked="" type="radio"/> 12. Should this unit be removed from service?	No
<input type="radio"/> 13. Additional Notes	
Signatures	
<input checked="" type="radio"/> 14. Service Technician	Evan Lahmer
	
<input checked="" type="radio"/> 15. Equipment Operator/Owner	Daniel Sirkel
	

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Annual Inspection

U.S. Army Reserve (VA012)

5746 RESERVE WAY

Dublin, VA 24084

FolderID: AI6252

FormID: 25023319



Overhead Crane

Completed by: NCSC Technician on 07/10/2025

Location: SHOP

Crane Serial Number: Missing

Equipment Number: 01

Status: In Service

Type: Bridge w/ Runway

Bridge Type: TRSGDD

Capacity: 10 Tons

Power: 460V-3Ph-60Hz

Manufacturer: Cincinnati Crane

Hoist Configuration: Main

Lifting Medium, Hoist 1: Wire Rope

Manufacturer, Hoist 1: R&M

Model Number, Hoist 1: SX

Serial Number, Hoist 1: 58300104

Control Type: Pendant

Pendant Brand: OEM

Priorities Found: ● 2 - High

● 2 - Medium

● 2 - Low

● 62 - Good

Historical Records

● 3. Load Test

Fail

■ UNABLE TO VERIFY THAT OSHA REQUIRED LOAD TEST IS ON FILE

Safety

● 4. Pendant Warning Label

(P) Pass

● 5. Remote Warning Label

(NA) Not Applicable

Runways & Supporting Structure

● 6. Foundations / Anchorages

(P) Pass

● 7. Runway / Support

(P) Pass

● 8. Runway Stops

(P) Pass

● 9. Rail Clamps

(P) Pass

● 10. Rail Splicing

(P) Pass

● 11. Rail Spacing

(P) Pass

● 12. Runway Power Conductor Guards

(P) Pass

Bridge General

● 13. Rated Load Marking

(P) Pass

● 14. Trolley Rail for Double Girder Crane

(NA) Not Applicable

● 15. Warning Device

(P) Pass

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● 16. Footwalks	(NA) Not Applicable
● 17. Ladders and Stairs	(NA) Not Applicable
● 18. Wind Indicator	(NA) Not Applicable
Bridges/End Trucks	
● 19. Wheels	(P) Pass
● 20. Gears	(P) Pass
● 21. Rails/Clamps	(P) Pass
● 22. Attachments	(P) Pass
● 23. Structure	(P) Pass
● 24. Brakes	(P) Pass
● 25. Drive Shaft	(NA) Not Applicable
● 26. Sprockets	(P) Pass
● 27. Festoon Systems	(R) Recommendation
<i>installed shrink wrap correctly, recommend heat gun to fix</i>	P27
● 28. Guards/Covers	(P) Pass
● 29. Motors	(R) Recommendation
<i>Cord entry for motor is through the cover, needs repaired</i>	
● 30. Bridge Bumpers	(P) Pass
● 31. Truck Frame Drop	(P) Pass
● 32. Rail Sweeps	(P) Pass
● 33. Collectors	(P) Pass
● 34. Wheel Impacting Stops	(P) Pass
● 35. Stops	(P) Pass
● 36. Girders	(P) Pass
Floor and Remote Controls	
● 37. Pendant/Radio Functions Identified	(P) Pass
● 38. Pendant Strain Relief	(F) Fail
<i>quick connect plugs broken. zip tied together</i>	P38
● 39. Pendant/Radio Electrical Enclosure	(P) Pass
● 40. Pendant Cord	(P) Pass
● 41. Pendant/Radio Overall Condition	(P) Pass
Electrical Equipment	
● 42. Power Disconnect	(P) Pass
● 43. Magnet Disconnect	(NA) Not Applicable
● 44. Control Panel	(R) Recommendation
<i>Bridge panel has openings. Inside of the panel is a mess and needs some serious cleaning up.</i>	
● 45. Contactors	(P) Pass
● 46. VFD's	(P) Pass
● 47. Conductors	(P) Pass
● 48. Resistors	(P) Pass
● 49. Conductor Guards	(P) Pass
Trolley(s)	
● 50. Structure	(P) Pass
● 51. Wheels	(P) Pass
● 52. Rail Sweeps	(P) Pass
● 53. Drive Motors	(P) Pass
● 54. Brakes	(P) Pass

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55. Drive Shaft	(NA) Not Applicable
56. Conductors	(P) Pass
57. Bumpers	(P) Pass
58. Bumpers Between Trolleys	(NA) Not Applicable
59. Guards - Covers	(P) Pass
60. Sprockets - Gears	(P) Pass
61. Stops	(P) Pass
Hoist(s) - Main	
62. Holding Brake	(P) Pass
63. Control Brake	(P) Pass
64. Sheave(s)	(P) Pass
65. Safety Lugs	(P) Pass
66. Equalizer Sheave	(NA) Not Applicable
67. Hoist Motor	(P) Pass
68. Gear Box	(R) Recommendation
<i>Slight leak</i>	P68
69. Couplers	(P) Pass
70. Lower Limit Switch	(P) Pass
71. Primary Upper Limit Switch	(P) Pass
72. Secondary Upper Limit Switch	(P) Pass
73. Drum Grooves	(P) Pass
74. Minimum Two Wraps	(P) Pass
75. Chain Container	(NA) Not Applicable
Wire Rope	
76. Main Hoist - Wire Rope Condition	(P) Pass
77. Main Hoist - Wire Rope Nominal Diameter	11mm x 44m
Load Blocks & Hooks	
78. Main Hoist - Hook	(P) Pass
79. Main Hoist - Hook Latch	(P) Pass
80. Main Hoist - Hook Body & Guards	(P) Pass
81. Main Hoist - Capacity Markings	(P) Pass
82. Main Hoist - Sheaves	(P) Pass
83. Inspector Name and Signature	Evan Lahmer



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P27.1



P38.2



P68.3

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