



# HI-REACH INSPECTION LOG

Daily-Weekly-Monthly & Periodic Inspection Log

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3514 S 25th St  
Omaha, NE 68105  
402 592 4500

**ELLIOTT EQUIPMENT COMPANY**  
2025

# INTRODUCTION FOR INSPECTION LOGBOOKS

## Inspection Guidelines for Vehicle Mounted Elevating and Rotating Aerial Devices

At Elliott Equipment Company, safety is our highest priority. To ensure the optimal performance and safety of our Vehicle Mounted Elevating and Rotating Aerial Devices it is critical that a strict inspection routine be followed. Regular inspections are necessary to identify potential issues before they become hazardous, maintain the integrity of the equipment, and comply with industry standards, specifically the **ANSI A92.2** standard. These inspections are designed to protect operators, maintenance personnel and all individuals working near the equipment to ensure that the equipment continues to meet safety and operational standards.

The **annual / periodic inspection is mandatory** under ANSI A92.2 and must be conducted at least once a year to keep the equipment compliant with safety standards. These inspections must be recorded, and all findings and corrective actions should be documented for regulatory purposes.

To ensure compliance with ANSI A92.2 standards and maintain the safe operation of your equipment, contact your local authorized Elliott distributor to schedule and perform the required annual inspection.

The due date for the initial required annual / periodic inspection can be determined by referencing the original manufacture date found on the Elliott data plate affixed to the turret. This inspection must be completed no later than 12 months from that manufacture date.

Failure to conduct regular and thorough inspections can lead to equipment malfunctions, accidents, or non-compliance with safety regulations. Always refer to the operator's manual and ANSI A92.2 standard for specific inspection guidelines. Keep records of all inspections, including dates and findings, as part of your safety and maintenance documentation.

By adhering to these inspection schedules and criteria, we can help ensure that your Aerial Device operates safely and reliably for years to come.

## **Documentation and Record-Keeping**

It is crucial to maintain accurate records for all inspections, particularly the annual inspection. These records should include the date, inspector, findings, and corrective actions taken. Documentation ensures compliance with industry standards, such as ANSI A92.2, and helps track the maintenance history of each unit, which is critical for audits, safety checks, and future maintenance needs.

## **Replacement Parts & Additional Inspection Logbooks**

If replacement parts are identified during this inspection, please contact your local authorized Elliott distributor for assistance. If you are unsure who your distributor is, you may also contact Elliott Equipment Company directly at 402-933-3336 for support. Prompt replacement of worn or damaged parts is essential to ensure continued safe and reliable operation.

To order additional Inspection Logbooks contact Elliott Equipment Company directly at 402-933-3336

**HI-REACH INSPECTION LOG**

**Inspection Year:** \_\_\_\_\_

**Elliott Model:** \_\_\_\_\_

**Elliott Serial Number:** \_\_\_\_\_

**Chassis Model:** \_\_\_\_\_

**VIN:** \_\_\_\_\_

**Unit Number:** \_\_\_\_\_

**Owner:** \_\_\_\_\_



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Tires & suspension	3,8,9																															
Outriggers	2,5,8,9,13																															
Damage to structures	8,13																															
Lights, horn & throttle	6																															
Safety equipment / Interlocks	2,6,7,16																															
Gauges	4,6																															
Boom & Rotation System	1,2,5,6,13,15																															
Loadline & Rigging	9,17,19																															
Boom & Jib sheaves	2																															
Hose or gearbox leaks	5,8																															
Controls operation / E Pump	2,6,7																															
Boom Sequencing	2,6																															
Catrac	2,5,9,13,16																															
Platform & Platform Controls	1,2,6,7,9,13,15																															
Proper fasteners	1																															
Anti-two block system / LMI / RCL	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18, 20																															
Capacity Chart & Decals	19																															
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Level Bubble / Indicator	2, 7																															

<b>Digger components, if e quipped</b>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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Digger stow prox switch	1,6,7,16,17																															
Over-wind protection valve	1,5,6,8																															

Initials

**Completion code:**

- If the item is acceptable - use a check
- If the item requires service - use and "S"
- If the item is no acceptable - use an "N"
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**Repair or replace all non-acceptable items before use**



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Month \_\_\_\_\_

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Holding valve operation	2,4,6						
Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Pump, PTO & Driveline	1,8,15						
Winch drums and sheaves	8,9						
Owners manual with unit	1						
All items under daily inspections							
Date:							
Initials:							

Monthly Inspections	Maint. Code	Month	Comments:
Cylinders and valves	2,5,6,8		
Load hook throat and twist	1,2,8,		
All structural members for damage	13		
All welds for breaks or cracks	13		
All pins for proper installation and keepers	1,9,10,13		
Control, safety & capacity placards	1,5		
Boom Sequencing Cables - (Proportional Booms)	6,7,10,17		
Boom wear pad fasteners/rollers	1,10		
Sheaves and cable drums for wear & cracks	13		
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Mounting bolt torque (during first month only)	10						
Winch brake operation	6						
Boom wear pad bolts (during first month only)	1,10						
Pump, PTO & Driveline	1,8,15						
Winch drums and sheaves	8,9						
Owners manual with unit	1						
All items under daily inspections							
Date:							
Initials:							

Monthly Inspections	Maint. Code	Month	Comments:
Cylinders and valves	2,5,6,8		
Load hook throat and twist	1,2,8,		
All structural members for damage	13		
All welds for breaks or cracks	13		
All pins for proper installation and keepers	1,9,10,13		
Control, safety & capacity placards	1,5		
Boom Sequencing Cables - (Proportional Booms)	6,7,10,17		
Boom wear pad fasteners/rollers	1,10		
Sheaves and cable drums for wear & cracks	13		
All items under daily & weekly inspections			

**Completion Code :**

- If the item is acceptable - use a "check"
- If the item requires service - use an "S"
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**Repair or replace all non-acceptable items before use**



# Hi-Reach Daily Inspection Log

Inspection Item	Maint. Code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Engine oil level	3,14																															
Hydraulic oil level	3																															
Radiator coolant level	3,4																															
Truck park brake	2																															
Tires & suspension	3,8,9																															
Outriggers	2,5,8,9,13																															
Damage to structures	8,13																															
Lights, horn & throttle	6																															
Safety equipment / Interlocks	2,6,7,16																															
Gauges	4,6																															
Boom & Rotation System	1,2,5,6,13,15																															
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Hose or gearbox leaks	5,8																															
Controls operation / E Pump	2,6,7																															
Boom Sequencing	2,6																															
Catrac	2,5,9,13,16																															
Platform & Platform Controls	1,2,6,7,9,13,15																															
Proper fasteners	1																															
Anti-two block system / LMI / RCL	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18, 20																															
Capacity Chart & Decals	19																															
O/R & Boom Cntrl Pressure	18																															
Level Bubble / Indicator	2, 7																															

<b>Digger components, if e quipped</b>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Swing brake	2,6																															
Digger drive	2,3,6																															
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Auger stow rope	1,6,9																															
Digger pivot pin	1,2,9,13																															
Digger stow prox switch	1,6,7,16,17																															
Over-wind protection valve	1,5,6,8																															

Initials

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# Weekly / Monthly Inspection Record

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Initials

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# Periodic Inspection Log

A Periodic Inspection is required every 3 months	Maint. Code
All items listed under daily inspections	
All items listed under weekly inspections	
All items listed under monthly inspections	
Bolts and fasteners in all areas	1,10
All pins, bearings, shafts and gears for wear, cracks or distortion	2,5,8,9,13
Boom angle indicator accuracy over full range	2
Hydraulic systems for proper operating pressure	7
All cylinders for:	
Drift	2,8
Damaged rods	2,8,6,9,13
Dented barrels	2,6,8,9,13
Leaks at seals, welds or holding valves	8
Hydraulic hoses and tubing for wear or damage	8,9
Extend and retract cables for wear or abrasion	2,6,7,9,10
All electrical wires and connections	16
All mounting bolts torqued to spec	10
All turret and rotation bearing bolts torqued to spec	10
Rotation gearbox mounting bolts torqued to spec	10
Capacity Alert / LMI system	2,6,16
Hydraulic Filters (semi-annually)	12
Winch and Rotation Gearbox oil (after initial 40 hrs and then annually)	3, 11

**Other:**

Stability Test of unit - Annually	2,5,6,7,9
Boom tear down and inspect - every 7 years	10,13,15,17
Dielectric test (Insulated units only) - Annually	1,2,5,6,9,11

**Comments:**


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