



HI-REACH INSPECTION LOG

A Daily-Weekly-Monthly & Periodic Inspection Log

General Offices
4427 South 76th Circle
Omaha, NE 68127
Phone: 402 592 4500

**ELLIOTT EQUIPMENT COMPANY
CRANE INSPECTION LOG**

Inspection Year _____ **Crane Model** _____ **Serial Number** _____

Truck Model _____ **VIN** _____

Owner _____ **Unit Number** _____

A regular schedule of maintenance is very important to keep your unit in peak operating condition. Operators and service personnel responsible for the care of the unit must be familiar with inspection requirements, maintenance procedures, lubrication requirements and proper machine operation. Detailed information regarding operation, inspection procedures and maintenance can be found in your Owners Manual.

This inspection logbook can be used to serve as a guide over a 12-month period when making required inspections and when performing maintenance on Elliott Hydraulic Cranes. This logbook is not intended to replace any pre-operational checks required by an owner or a local or state safety board.

Federal regulations require that written, dated and signed inspection records be maintained.

Elliott Equipment Company

Daily Inspection Log

Month _____

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																																	
Loadline & Rigging	9,17,19																																	
Boom & Jib sheaves	2																																	
Hose or gearbox leaks	5,8																																	
Control 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	2,6,16																																	
Safety covers	1																																	
Load hook safety latch	1,2																																	
Hydraulic Oil Filter	18																																	
Capacity Chart & Decals	19																																	

Initials

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Completion code:

- If the item is acceptable – use a check
- If the item requires service – use an “S”
- If the item is not acceptable – use an “N”
- If the item is not applicable – use an “NA”

Repair or replace all non-acceptable items before use.

Weekly & Monthly Inspection Log Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5
Battery water level	3					
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	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					
Cable clamp torque	10					
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”
 If the item is not acceptable – use an “N”
 If the item is not applicable – use an “NA”

Repair or replace all non-acceptable items before use

Periodic Inspection Log

A Periodic Inspection is required every three 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 torque to spec	10
All turret and rotation bearing bolts torque to spec	10
Rotation gearbox mounting bolts torque 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)	20

Comments:

Completion Code: If the item is acceptable – use a check
 If the item requires service – use an “S”
 If the item is not acceptable – use an “N”
 If the item is not applicable – use an “NA”
 Repair or replace all non-acceptable items before use

Other:	
Stability Test of unit - Annually	2,5,6,7,9
Boom tear down and inspection - every 5 years or 3500 hrs	10,13,15,17
Dielectric test (Insulated units only) - Annually	1,2,5,6,9,11

Date: _____
 Signature: _____

Weekly & Monthly Inspection Log Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5
Battery water level	3					
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					
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					
Cable clamp torque	10					
Boom wear pad fasteners/rollers	1,10					
Sheaves and cable drums for wear & cracks	13					
All items under daily & weekly inspections						
		Comments: _____				

Completion Code: If the item is acceptable – use a check
 If the item requires service – use an “S”
 If the item is not acceptable – use an “N”
 If the item is not applicable – use an “NA”

Repair or replace all non-acceptable items before use

Weekly & Monthly Inspection Log Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5
Battery water level	3					
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	Week 1	Week 2	Week 3	Week 4	Week 5
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					
Cable clamp torque	10					
Boom wear pad fasteners/rollers	1,10					
Sheaves and cable drums for wear & cracks	13					
All items under daily & weekly inspections						

Comments:

Completion Code: If the item is acceptable – use a check
 If the item requires service – use an "S"
 If the item is not acceptable – use an "N"
 If the item is not applicable – use an "NA"

Repair or replace all non-acceptable items before use

Elliott Equipment Company

Daily Inspection Log

Month _____

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																															
Loadline & Rigging	9,17,19																															
Boom & Jib sheaves	2																															
Hose or gearbox leaks	5,8																															
Control 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	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18																															
Capacity Chart & Decals	19																															

Initials

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Completion code:

- If the item is acceptable – use a check
 - If the item requires service – use an “S”
 - If the item is not acceptable – use an “N”
 - If the item is not applicable – use an “NA”
- Repair or replace all non-acceptable items before use.

Weekly & Monthly Inspection Log Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5
Battery water level	3					
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					
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					
Cable clamp torque	10					
Boom wear pad fasteners/rollers	1,10					
Sheaves and cable drums for wear & cracks	13					
All items under daily & weekly inspections						

Comments: _____

Completion Code: If the item is acceptable – use a check
 If the item requires service – use an “S”
 If the item is not acceptable – use an “N”
 If the item is not applicable – use an “NA”

Repair or replace all non-acceptable items before use

Elliott Equipment Company

Daily Inspection Log

Month _____

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																															
Loadline & Rigging	9,17,19																															
Boom & Jib sheaves	2																															
Hose or gearbox leaks	5,8																															
Control 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	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18																															
Capacity Chart & Decals	19																															

Initials

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Completion code:

- If the item is acceptable – use a check
 - If the item requires service – use an “S”
 - If the item is not acceptable – use an “N”
 - If the item is not applicable – use an “NA”
- Repair or replace all non-acceptable items before use.

Weekly & Monthly Inspection Log Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5
Battery water level	3					
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					
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					
Cable clamp torque	10					
Boom wear pad fasteners/rollers	1,10					
Sheaves and cable drums for wear & cracks	13					
All items under daily & weekly inspections						

Comments:

Completion Code: If the item is acceptable – use a check
 If the item requires service – use an “S”
 If the item is not acceptable – use an “N”
 If the item is not applicable – use an “NA”

Repair or replace all non-acceptable items before use

Weekly & Monthly Inspection Log Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5
Battery water level	3					
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	Week 1	Week 2	Week 3	Week 4	Week 5
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					
Cable clamp torque	10					
Boom wear pad fasteners/rollers	1,10					
Sheaves and cable drums for wear & cracks	13					
All items under daily & weekly inspections						

Comments:

Completion Code: If the item is acceptable – use a check
 If the item requires service – use an “S”
 If the item is not acceptable – use an “N”
 If the item is not applicable – use an “NA”

Repair or replace all non-acceptable items before use

Elliott Equipment Company

Daily Inspection Log

Month _____

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																																				
Loadline & Rigging	9,17,19																																				
Boom & Jib sheaves	2																																				
Hose or gearbox leaks	5,8																																				
Control 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	2,6,16																																				
Safety covers	1																																				
Load hook safety latch	1,2																																				
Hydraulic Oil Filter	18																																				
Capacity Chart & Decals	19																																				

Initials																																					
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Completion code: If the item is acceptable – use a check
 If the item requires service – use an "S"
 If the item is not acceptable – use an "N"
 If the item is not applicable – use an "NA" Repair or replace all non-acceptable items before use.

Weekly & Monthly Inspection Log Month _____

Weekly Inspections	Maint. Code	Week 1	Week 2	Week 3	Week 4	Week 5
Battery water level	3					
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	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					
Cable clamp torque	10					
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”
 If the item is not acceptable – use an “N”
 If the item is not applicable – use an “NA”

Repair or replace all non-acceptable items before use

Elliott Equipment Company

Daily Inspection Log

Month _____

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																															
Loadline & Rigging	9,17,19																															
Boom & Jib sheaves	2																															
Hose or gearbox leaks	5,8																															
Control 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	2,6,16																															
Safety covers	1																															
Load hook safety latch	1,2																															
Hydraulic Oil Filter	18																															
Capacity Chart & Decals	19																															

Initials

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Completion code:

- If the item is acceptable – use a check
 - If the item requires service – use an “S”
 - If the item is not acceptable – use an “N”
 - If the item is not applicable – use an “NA”
- Repair or replace all non-acceptable items before use.

