BIG JOE

Scheduled - Quarterly
Maintenance Inspection Report – Booms

Model	Hour meter	Date
Serial number	Inspector company	Machine owner
Inspected by (print)	Inspector signature	

Inspection Type
Q = quarterly or frequent inspections

Legend Y = yes, acceptable; N = no, remove from service; R = repaired; ∅ = not applicable

Make copies of this report to use for each inspection.
Select the appropriate procedures for the type of inspection(s) to perform.

If any inspection receives an "N," tag and remove the machine from service, repair and re-inspect it. After repair, place a "R" in the box.

Drive Chassis		✓
Inspect the Tires, Wheels and Lug Nut Torque	Q-6	
Check the Oscillate Valve Linkage (if equipped)	Q-8	
Confirm the Proper Brake Configuration	Q-20	
Turntable Mechanicals and Hydraulics		
Visual Inspection of the Hydraulic Oil	Q-9	
Inspect the Hydraulic Filters	Q-10	
Electrical		
Inspect Electrical Contactors - DC / Bi-Energy Models	Q-4	
Battery Inspection	Q-2	
Inspect the Electrical Wiring	Q-3	
Engine		
Check the Exhaust System	Q-5	
Check Generator Belts/Pulleys - Bi-Energy Models	Q-7	
Check and Adjust the Engine RPM	Q-11	
Boom(s) and Platform		
Inspect and Adjust Boom Cables - All Models (for first 12 months of ownership)	Q-36	
Functions and Controls		✓
Check for Open Bulletins and Owner Registration	Q-1	
Test the Ground Control Override	Q-12	
Test the Alarm Package (if equipped)	Q-13	
Test the Emergency Power System	Q-14	
Test the Engine Idle Select Operation	Q-15	
Test Fuel Select Operation - Gas/LPG Models	Q-16	
Inspect the Calibration Decal - ALC1000 Models	Q-17	
Test the Recovery System - ALC-1000 Models	Q-18	
Test the Platform Self-leveling	Q-19	

Functions and Controls, continued		✓
Test the Drive Brakes	Q-21	
Test the Drive Speed – Stowed Position	Q-22	
Test the Drive Speed – Raised or Extended Position	Q-23	
Test the Drive Speed – Raised and Extended Position - ALC1000 Models	Q-24	
Test the Turntable Level Sensor - Z-135/70, ZX-135/70, SX-105XC, SX-125XC, SX-135XC, SX-150, SX-180	Q-25	
Test the Secondary Boom Angle Sensor - Z-135/70, ZX-135/70	Q-26	
Test the Primary Boom Angle Sensor - Z-135/70 and ZX-135/70	Q-27	
Test the Primary Boom Angle Sensor - SX-105XC, SX-125XC, SX-135XC, SX-150, SX-180	Q-28	
Test the Safety Envelope Limit Switches - Z-135/70, ZX-135/70, SX-105XC, SX-125XC, SX-135XC, SX-150, SX-180	Q-29	
Test the Primary Boom Angle Sensor - Z-80/60	Q-30	
Test the Safety Envelope and Circuits - Z-80/60	Q-31	
Check the Safety Envelope Limit Switches and Angle Sensor - S-60X, S-80X, to S60XCH-45000	Q-32	
Test the Safety Envelope and Circuits - S-100, S-105, S-120, S-125	Q-33	
Test the Aircraft Protection System (if equipped)	Q-34	
Test the Operator Protection Alarm (if equipped)	Q-35	
Test the Recovery System - ALC600 Models	Q-37	
Test the Turntable Level Sensor - ALC600 Models	Q-38	
Test the Primary Boom Angle Sensor - ALC600 Models	Q-39	

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Scheduled - Annual
Maintenance Inspection Report – Booms

Model	Hour meter	Date
Serial number	Inspector company	Machine owner
Inspected by (print)	Inspector signature	

Inspection Type A = annual inspections	**Legend** Y = yes, acceptable R = repaired	N = no, remove from service ∅ = not applicable	Make copies of this report to use for each inspection. Select the appropriate procedures for the type of inspection(s) to perform.

If any inspection receives an "N," tag and remove the machine from service, repair and re-inspect it. After repair, place a "R" in the box.

Confirm all applicable quarterly maintenance procedures have been included and completed with the annual inspection.

		✓
Drive Chassis		
Check the Drive Hub Oil Level	A-10	
Check the Drive Hub Mounting Fastener Torque	A-11	
Turntable Mechanicals and Hydraulics		
Grease the Turntable Rotation Bearing	A-1	
Check Turntable Bearing Bolts	A-2	
Inspect for Turntable Bearing Wear	A-3	
Boom(s) and Platform		
Jib Rotate Bearing (if equipped)	A-4	
Grease the Platform Overload Mechanism	A-6	
Inspect Boom Cables - All S-60, S-80 Models	A-7	
Inspect Boom Cables - S-100 to S-125, S-100HD, S-120HD, SX-105XC, SX-125XC	A-8	
Inspect Boom Cables - SX-135XC, SX-150, SX-180	A-9	
Functions and Controls		
Test the Bypass/Recovery Key Switch	A-5	
Engines		
Perform Engine Maintenance - Kubota D1803, Kohler KDW1404	A-12	

Confirm all applicable quarterly and annual maintenance procedures have been included and completed with the 2 year inspection.

		✓
Perform Every 2 Years		
Engines		
Perform Engine Maintenance - Kubota D1803, Kohler KDW1404	A-13	

BIG JOE

Programmed
Maintenance Inspection Report – Booms

Model	Hour meter	Date
Serial number	Inspector company	Machine owner
Inspected by (print)	Inspector signature	

Programmed maintenance will be completed based on machine hours. This program includes the onetime or commissioning procedures for new products.
The onetime procedures will be completed at 50 or 150 hours.

Legend
Y = yes, acceptable
N = no, remove from service
R = repaired
∅ = not applicable

Make copies of this report to use for each inspection.
Select the appropriate procedures for the type of inspection(s) to perform.

If any inspection receives an "N," tag and remove the machine from service, repair and re-inspect it. After repair, place a "R" in the box.

Commissioning		50	150
50 Hour Service - all models	C-1		∅
Engines - Ford, Kubota, Perkins Models	C-2		∅
Perform 150 Hour Service	C-3	∅	

Programmed Maintenance - Under 1000 HRS		**Status**	**Enter Hours**
Check the Track Tension and Fastener Torque - S-60, S-65 and Z-62 Models	P0-1		50
Check the Track Tension and Fastener Torque - S-40 and S-45 Models	P0-2		50
Grease the Extendable Axles - (if equipped)	P0-3		50
Engines - Continental Under 1000 HRS	P0-4		
Engines - Cummins Under 1000 HRS	P0-5		
Engines - Deutz Under 1000 HRS	P0-6		
Engines - Ford Under 1000 HRS	P0-7		
Engines - Kubota Under 1000 HRS	P0-8		
Engines - Perkins Under 1000 HRS	P0-9		
Engines - GM .998L Under 1000 HRS	P0-10		
Engines - GM 3.0L Under 1000 HRS	P0-11		
Engines - -Kohler KDW1404 Under 1000 HRS	P0-12		
Engines - Weichai WP3.2 Under 1000 HRS	P0-13		

Programmed Maintenance		**Hours are in thousands**							
All models	**Perform every:**	**1**	**2**	**3**	**4**	**5**	**6**	**10**	**12**
Engines - all models, 1000 Hours	P1-1		∅	∅	∅	∅	∅	∅	∅
Replace the Drive Hub Oil	P1-2		∅	∅	∅	∅	∅	∅	∅
Engines - Kubota D1803, 1500 Hours	P1-3		∅	∅	∅	∅	∅	∅	∅
Engines - all models, 2000 Hours	P2-1	∅		∅	∅	∅	∅	∅	∅
Test or Replace the Hydraulic Oil	P2-2	∅		∅	∅	∅	∅	∅	∅
Replace the Hydraulic Filters	P2-3	∅		∅	∅	∅	∅	∅	∅
Check the Free-wheel Configuration	P2-4	∅		∅	∅	∅	∅	∅	∅
Check the Boom Wear Pads	P2-5	∅		∅	∅	∅	∅	∅	∅
Check the Extendable Axle Wear Pads	P2-6	∅		∅	∅	∅	∅	∅	∅
Check Turntable Gear Backlash - ALC1000 Models	P2-7	∅		∅	∅	∅	∅	∅	∅
Grease the Steer Axle Wheel Bearings, 2WD Models (except Z-62, S-60, S-65)	P2-8	∅		∅	∅	∅	∅	∅	∅
Grease the Steer Axle Wheel Bearings, 2WD Models - Z-62, S-60, S-65	P2-9	∅		∅	∅	∅	∅	∅	∅
Engines - all models, 3000 Hours	P3-1	∅	∅		∅	∅	∅	∅	∅
Engines - Perkins models, Kohler KDW1404, 4000 Hours	P4-1	∅	∅	∅		∅	∅	∅	∅
Engines - GM models, Kohler KDW1404, 5000 Hours	P5-1	∅	∅	∅	∅		∅	∅	∅
Engines - Perkins models, 6000 Hours	P6-1	∅	∅	∅	∅	∅		∅	∅
Engines - Kohler models, 10000 Hours	P10-1	∅	∅	∅	∅	∅	∅		∅
Engines - Perkins models, 12000 Hours	P12-1	∅	∅	∅	∅	∅	∅	∅	
Remove and Inspect Boom cables	P12-2	every 12 years or every 3 years after first 12 years if not replaced							

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