



Aerial Annual Inspection

In Accordance with ANSI A92.2

Immediate Repair Required (____ Yes, ____ No)

Owner/User is responsible to have repairs performed before use.

All other items marked can be addressed at the next maintenance interval

Shop Order _____ *Test Date* _____

Customer _____

Location _____

Inspector Name _____

Inspection Company _____

Chassis and Unit Information

Chassis Make/Model/Year _____

VIN Number _____

License _____

Odometer _____ *Eng. HR/Meter* _____

Unit Manufacturer _____

Unit Model _____

Serial Number _____

Unit Number _____ *PTO HR/Meter* _____

Aerial Annual Inspection

Unit Number _____

Symbols: ✓ = OK N/A = Not Applicable A = Adjusted/Repaired
 X = See corresponding number on summary page

A. Chassis / Body	Status
1. Cab Controls	
Master Switch Panel	
Strobe Lights / Beacons	
PTO Shift Control (cable, air, electric)	
PTO Indicator Light	
PTO Warning Label Present	
Travel Height Placard	
Start / Stop, Throttle Controls	
Auxiliary Brake Control	
Back Up Alarm	
Operators Manual With Truck	
2. Body / Flatbed	
Headlights, Stop, Tail, Turn, Hazard	
Fire Extinguisher	
Wheel Chocks	
Outrigger Pads	
Unit Grounding Equipment	
Cab Guard / Headache Rack	
Steps / Accessibility	
All Safety Decals - Legible and Proper Location	
B. Aerial Unit	
Check for campaigns and updates	
All Limit Switches	
1. Basic Hydraulics	
Reservoir - Oil Amount and Condition	
Filters, Breather Cap	
Shut-off Valves, Hoses, and Fittings	
System Pressure	
Vacuum Prevention (Foot, Vent Valves)	
2. PTO / Pump	
PTO / Pump Mounting	
PTO / Pump Noises and Leaks	
PTO / Pump Hoses and Fittings	

3. Outrigger / Torsion Bar System	Status
Welds, Metal Structure, and Mounting	
Anchor Bolts	
Hydraulic Cylinders - Leaks	
Cylinder Pins and Keepers	
Foot Assembly and Pins	
Holding Valves / Locks (Drift Test)	
Cylinder Lock - Out Valves	
Torsion Bar Structure	
Torsion Bar Bushings	
Hose Condition, Routing Under Chassis	
Control Valves	
Outrigger Interlock System-2005 On	
Outrigger Motion Alarm-02/2000 On	
Relief Valve Setting	
Auxiliary Let Down System	
Chassis Level Indicator-01/2003 On	
Chassis Tire Pressures	
<i>Note: Dates are for Terex Utilities units only</i>	
4. Pedestal and Turntable	
Welds - Metal Structure and Mounting	
Elevator - Welds and Metal Structure	
Elevator Cylinders and Holding Valves	
Elevator Pins, Bushings, and Keepers	
Collector Block / Hoses / Fittings	
Rotation Bearing and Pedestal Fasteners	
Rotation Gearbox	
Lower Control Valve / Shut-off Valve	
Relief Valve Setting	
Overcenter System and Adjustments	
Auxiliary Let Down System	
TM Pump Handle/Gearwrench on unit	
Accumulator Operation	
Nitrogen Charge Pressure	
Unloading Valve / Unit Cycling	

Inspector Initials _____

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5. Booms and Platform	Status
All Fiberglass for Damage and Finish	
Booms - Cleanliness Inside and Out	
Boom Metal Sections	
Hoses and Hose Protection	
Boom Pins, Bushings, Retainers	
Boom Cylinders	
Boom Lift Rod and Lift Cable	
Compensation System	
Boom Cylinder Holding Valves	
Boom Rest and Hold Down System	
Platform - Mounting, Liner, and Cover	
Lanyard Anchor	
Safety Harness and Lanyard	
Non - Skid Platform Step	
6. Platform Controls	
Control and Safety Decals / Placards	
All Upper Control Operations	
Start / Stop and/or Throttle Control	
Let Down System	
Hydraulic Tool Valve / GFI Outlet	
Control Guards / Covers	
Winch Gearbox	
Load Line and Safety Hook	
Jib and Jib Tilt Cylinder	
Load Chart, Boom Angle Indicator	
Control Valve - Leaks	
Control Valve - Lift Lock or Enable	
Platform Rotator, Level, or Dump	
7. Platform Leveling System	
Leveling Cables and Chains	
Cable Pulleys and Chain Sprockets	
Cable Sheaves and Clamps	
Anchor Brackets	
Turnbuckles and Tie Wire or Lock Nut	

Platform Leveling System(cont.)	Status
Hinge Points	
Leveling Cylinders and Shocks	
Cylinder Holding Valves	
Leveling Hoses	
Platform Drift	
8. Extension System	
Catrac, Hoses, and Wire Harness	
Hose / Wire Routing, and Protection	
All Wear Pads and Rollers	
All Cable Sheaves and Pulleys	
All Extension Cylinders	
All Pins and Retainers	
Cylinder Holding Valves	
Limit Switches	
C. General	
1. General Lubrication	
Gearboxes - Pinion Gears, Oil Level	
Rotation Brake - Oil Level	
Rotation Bearing	
Control Linkages	
Cables, Sheaves, and Pulleys	
Hinge Points	
Outriggers - Slip Plate	
2. Auxiliary Equipment	
Capstan	
Auxiliary Winch	
Pony Motor Hydraulics	
Chipper Body Dump	
Hose Reels	
Hydraulic Tools	
3. Misc. Powered Equipment	
Generator - Condition	
Battery - Condition	
Hose and/or Wire Condition	

