Aerial Lift Inspection Checklist

Pre-Use / Periodic Inspection per OSHA 1926.453 and ANSI A92

Date: _____

Inspector/Operator: _____

Make/Model: _____

Unit ID / Serial #: _____

Lift Type: Boom / Scissor / Vertical Mast / Other

Inspection Type: Pre-Use / Monthly / Annual

Part 1: Base & Chassis

Inspection Item	What to Check	OK	Fail	N/A
Tires/wheels or tracks	Proper inflation (pneumatic). No cuts, bulges, excessive wear. Lug nuts tight. Foam-filled tires intact. Track tension correct.			
Outriggers/stabilizers	Extend and retract fully. Pads present. Locks engage. Cylinders no leaks. Indicators functional.			
Frame and turntable	No cracks, excessive corrosion, or structural damage. Turntable bearing no excessive play. Swing gear lubricated.			
Drive system	Drive motors respond correctly. Brakes hold on slope. Speed selector functional. Steering responsive.			
Battery/fuel system	Battery charged, connections tight, no corrosion. Fuel level adequate. No leaks. Emergency disconnect accessible.			

Part 2: Boom, Platform & Controls

Inspection Item	What to Check	OK	Fail	N/A
Boom sections	No cracks, dents, or deformation. Welds intact. Boom pins secured with keepers. Wear pads in spec.			
Hydraulic system	No leaks at cylinders, hoses, fittings. Fluid level correct. Hoses no abrasion, cuts, or bulges.			
Platform/bucket	Floor solid, no holes. Railings secure (42" top, 21" mid). Toe boards in place. Gate/chain closes.			
Upper controls	All functions operate smoothly from platform. Emergency stop works. Speed proportional to input. Labels legible.			
Lower controls	Override functions operational. Emergency lowering works. Key switch functional. Controls clearly labeled.			

Part 3: Safety Systems

Inspection Item	What to Check	OK	Fail	N/A
Load capacity	Capacity plate legible and visible. Platform load within rating. No unauthorized modifications.			
Fall protection	Harness anchor point present and rated. Lanyard attachment tested. Harness required signage posted.			
Limit switches	Height/reach limits function. Tilt alarm/cutout works. Overload protection engages at rated capacity.			
Electrical safety	Insulation rated for voltage (if category A/B/C). No damage to insulating components. Proximity alarm works.			
Placards and manuals	All warning decals present/legible. Operator manual in storage compartment. Capacity chart accessible.			

NEVER override safety devices. Always wear fall protection (harness + lanyard) attached to the manufacturer's anchor point. Do not belt off to adjacent structures unless specifically authorized. Electrocution is the leading cause of aerial lift fatalities - maintain safe distances from power lines.

Deficiencies Found

Item #	Deficiency Description	Priority	Corrective Action

Inspector/Operator: _____ Date: _____ Signature: _____

Equipment Manager / Supervisor: _____ Date: _____
Signature: _____