

ATTACHMENT - 2

MAINTENANCE TASK LIST

TYPE EQUIPMENT: Aircraft K-Loader, Diesel Powered, 40K cap, PRT

TASK	FREQUENCY		NOTES
	SEMI-ANNUAL	ANNUAL	
1. Lube all points	X	X	1
2. Cooling System/Antifreeze/Radiator	X	X	2
3. Wheel bearings	X	X	3
4. Engine oil & filter	X	X	4
5. Air intake system	X	X	5
6. Hydraulic system	X	X	6
7. Engine	N/A	X	7
8. Transmission & gear boxes	X	X	8
9. Steering system	X	X	9
10. Exhaust System	X	X	10
11. Safety Inspection	X	X	11
12. Platform Assembly	X	X	12

Notes:

1. Lubricates all grease fittings.
2. Check for freeze protection to at least 10 degrees F. Check for leaks in cooling system hoses, radiator; Check cap for proper seal; top-off; change if contaminated; blow out fans w/compressed air. Mark unit for current year check.
3. Clean, impact & Re-pack annually; replace seals/gaskets if required.
4. Change oil and filter annually; check semi-annually and add if required.
5. Change/clean filter element annually; check for defective parts; check semi-annually.
6. Check level and top-off; check hoses; and fittings for leaks; check pump motor and related components for proper operation; check lift, tilt, and side shift cylinders for leaks, damage and proper operation.
7. Check engine for damage, proper operations and adjust as required. Full tune-up to be accomplished on remedial maintenance.
8. Check levels and top-off semi-annually; change filter (s) and oil; inspect for damage annually.
9. Check for excessive backlash; check for leaks or damaged power steering unit; lubricate steering box, grease fittings and all moving parts w/out grease fittings as required; check tires for excess wear and correct air pressure.
10. Check annually exhausts manifold, pipes, muffler, and hangars/clamps for leaks or damage.
11. Inspection of all safety related components, to include as a minimum, front and rear lights, brakes, brake pedals, tires, horn, back-up alarm, overhead guard and fire extinguisher. Check platform/ladder, deck and handrail.
12. Check all roller bearings for binding, looseness, or damage; check chain (s) for length, proper adjustment, excessive wear, or damage. Lubricate all chains, roller bearings, trunnions. Check handrail, ladder and deck for damage and serviceability.

MAINTENANCE TASK LIST

TYPE EQUIPMENT: SCOOTER, ELECTRIC, 3-4 WHEEL

TASK	FREQUENCY		NOTES
	SEMI-ANNUAL	ANNUAL	
1. Lubrication	X	X	1.
2. Electric Motor	X	X	2.
3. Tires and Wheel bearings	X	X	3.
4. Battery	X	X	4.
5. Brakes	X	X	5.
6. Safety Check	X	X	6.
7. Operational Inspection	X	X	7.
8. Clean inside and out	X	X	8.

Notes:

1. Lube all points, per manufacturer specifications.
2. Check wire connections for damage: Clean residual from motor.
3. Inspect for damage and proper inflation; Inspect, clean and repack wheel bearings.
4. Check connections for damage, Top-off electrolyte level and remove acid residue. Buildup annually and semi annually. Check specific gravity annually.
5. Check for proper operation and damage or defects.
6. Inspect all safety related components for proper operation and damage.
7. Operate and assure that all equipment systems are functioning properly.
8. Clean engine & engine compartment with compressed air.

MAINTENANCE TASK LIST

TYPE EQUIPMENT: WAREHOUSE TRACTOR, Electric Powered, 2- 4K DBP

TASK	FREQUENCY		NOTES
	SEMI-ANNUAL	ANNUAL	
1. Lubricate Chassis	X	X	1.
2. Wheel bearings	X	X	2.
3. Lights and lenses	X	X	4.
4. Brakes	X	X	3.
5. Safety Inspection	X	X	4.
6. Clean	X	X	7.
7. Battery	X	X	3.
8. Electric Motor and controls	X	X	6.
9. Tires	X	X	5.
10. Operational check	X	X	4.

Notes:

1. Lube all points
2. Inspect, clean, adjust Repack
3. Check levels; Add as required; Remove excess acid residue buildup and clean battery surface; check brake lines, connections for leaks and change fluid if contaminated; check brake wear. Replace seals/gaskets as required.
4. Inspect all safety related components and repair damaged; Check and repair lights/ lenses; Check pintle hook for damage; Perform operational run for proper operation of all systems.
5. Check wear on tire (SRT); Check for excessive wear.
6. Inspect for broken or damaged wires, connectors; clean dust residue; check brushes & relay points, adjust or replace as required.
7. Clean engine and engine compartment with compressed air

Item 23,24 of the Equipment List (attachment 3)

MAINTENANCE TASK LIST

TYPE EQUIPMENT: WAREHOUSE TRACTOR, ELECTRIC/GASOLINE/PROPANE,
2,600 - 7,500, DBP

TASK	FREQUENCY		NOTES
	SEMI ANNUAL	ANNUAL	
1. Lubricate Chassis	X	X	1.
2. Antifreeze	X	X	2.
3. Wheel bearings	N/A	X	3.
4. Engine oil and filter	X	X	4.
5. Fuel filter	N/A	X	4.
6. Air cleaner	X	X	4.
7. Brakes	X	X	5.
8. Transmission and Trans oil filter	X	X	9.
9. Safety inspection	X	X	6.
10. Clean	X	X	8.
11. Operational check	X	X	6.
12. Battery	X	X	5.
13. Tires	X	X	7.

Notes:

1. Lube all points
2. Top off; change if contaminated.
3. Steering Axle (s) only; Inspect, clean, adjust Repack.
4. Change engine oil, fuel filter (s) and clean air filters semi-annual and change annual
5. Check levels; Add as required; Remove excess acid residue buildup and clean battery surface; check brake lines, connections for leaks and change fluid if contaminated; check brake wear, adjust as required.
6. Inspect all safety related components and repair damaged; Check and repair lights/ lenses; Check pintle hook for damage; Perform operational run for proper operation of all systems.
7. Check pressure and wear on pneumatic rubber tires (PRT); Check for excessive wear.
8. Clean engine and engine compartment with compressed air
9. Change Trans oil annually and filter semi-annually (if applicable)

Item 21,22 of the Equipment List (attachment 3)

MAINTENANCE TASK LIST

TYPE EQUIPMENT: FORKLIFT, SIDELoader, DIESEL, 6,000 -15,000 LB, CAP, PRT

TASK	FREQUENCY			NOTES
	Quarterly	SEMI-ANNUAL	ANNUAL	
1. Lubricate Chassis, Mast and Carriage	X	X	X	1.
2. Antifreeze		X	X	2.
3. Wheel bearings		X	X	3.
4. Engine Oil and filter.	X	X	X	4.
5. Fuel Filter	X	X	X	4.
6. Hydraulic system and filter		X	X	4.
7. Air Cleaner	X	X	X	4.
8. Gear Boxes		X	X	5.
9. Lights and lenses	X	X	X	6
10. Fuel Filter, AUXs	X	X	X	
11. Brakes	X	X	X	5.
12. Transmission		X	X	
13. Safety Inspection	X	X	X	6.
14. Operational check	X	X	X	6.
15. Battery	X	X	X	5.
16. Check valve lash and compression		X	X	
17. Tighten ball joints		X	X	
18. Tires	X	X	X	7.
19. Chains, check and adjust	X	X	X	9.

Notes:

1. Lube all points
2. Top off; change if contaminated
3. Repack, inspect
4. Change oil, fuel, hydraulic system filters and clean/change air filters; Change Eng oil; Check hydraulic oil system lines/hoses and reservoirs and top-off
5. Check levels; Add as required; Remove excess acid residue buildup and clean battery surface; check brake lines, connections for leaks and change fluid if contaminated; check brake wear. Replace seals/gaskets as required.
6. Inspect all safety related components and repair damaged; Check and repair lights/lenses; Check pintle hook for damage; Perform operational run for proper operation of all systems.
7. Check pressure and wear on pneumatic rubber tires (PRT); Check for excessive wear and damage to solid rubber tires (SRT).
8. Reserved.
9. Check linkage for damage; Adjust to Mfr.'s specification

Item 25,26,27 of the Equipment List (attachment 3)

MAINTENANCE TASK LIST

TYPE EQUIPMENT: FORKLIFT, PROPANE (ALL)

TASK	FREQUENCY			NOTES
	Quarterly	SEMI-ANNUAL	ANNUAL	
1. Lube Chassis	X	X	X	1
2. Antifreeze	X	X	X	2
3. Wheel Bearings	N/A	X	X	3
4. Engine oil and filter	X	X	X	4
5. Fuel Filter	X	X	X	4
6. Hydraulic system and filter	N/A	X	X	4
7. Air Cleaner	X	X	X	4
8. Gear Boxes	N/A	X	X	5
9. Lights and lenses	N/A	X	X	6
10. Tune Engine	N/A	X	X	
11. Brakes	X	X	X	5
12. Transmission	N/A	X	X	9
13. Safety Inspection	X	X	X	6
14. Operational Check	X	X	X	6
15. Battery	X	X	X	5
16. Check valve lash and compression	N/A	X	X	
17. Tighten ball joints	N/A	X	X	
18. Tires	N/A	X	X	7
19. Mast and Carriage	X	X	X	8

Notes:

1. Lube all points.
2. Top off; change if contaminated.
3. Repack, inspect.
4. Change oil, fuel, hydraulic system filters and clean/change air filters; change engine; check hydraulic oil system lines/hoses and reservoirs, and top-off.
5. Check levels; add as required; remove excess acid residue buildup, and clean battery surface; check brake lines, connections for leaks and change fluid if contaminated; check brake wear; replace seals/gaskets as required.
6. Inspect all safety related components and repair damaged; check and repair lights/lenses; perform operational run for proper operation of all systems.
7. Check pressure and wear on pneumatic rubber tires (PRT); check for excessive wear and damage to solid rubber tires (SRT).
8. Check linkage for damage; adjust to manufacturer's specifications.

MAINTENANCE TASK LIST

TYPE EQUIPMENT: FORKLIFT, ELECTRIC (ALL)

TASK	FREQUENCY		NOTES
	SEMI-ANNUAL	ANNUAL	
1. Lube Chassis	X	X	N/A
2. Wheel bearings	N/A	X	1.
3. Check motor brushes	X	X	N/A.
4. Check contact points	X	X	2.
5. Hydraulic system and filter	X	X	3.
6. Electric motor	X	X	2.
7. Lights and Lenses	X	X	4.
8. Brakes	X	X	5.
9. Safety Inspection	X	X	4.
10. Load test	N/A	N/A	4.
11. Operational check	X	X	6.
12. Battery	X	X	7.
13. Lift chains	X	X	4,8.

Notes:

1. Inspect and repack; replace necessary seals/gaskets
2. Inspect for burned, pitted or damage; Replace if defective. Clean and check electric motor.
3. Inspect lines/hoses for damage or leaks; Clean/Replace filter annually; Change hydraulic oil if contaminated; Top off reservoir.
4. Load test in accordance with CFR 29, part 1910.
5. Check for wear; Check for proper operation; Inspect for damaged, worn or broken parts; replace necessary seals and gaskets
6. Inspect all safety related components and repair damaged; Check and repair lights/lenses; Check brakes and brake pedal; check emergency brake; check fire extinguisher perform operational run for proper operation of all systems. All repairs required by virtue of a safety inspection, shall be accomplished under Remedial maintenance
7. Top off electrolyte levels; Check cables/connectors for damage; Clean off exterior of Batteries and remove all acid build-up.
8. RESERVED

MAINTENANCE TASK LIST

TYPE EQUIPMENT: TRAILER, SEMI, FLATBED, 10 - 25 TON CAP

TASK	FREQUENCY		NOTES
	SEMI ANNUAL	ANNUAL	
1. Lube Chassis	X	N/A	2.
2. Check tire pressure	X	N/A	3.
3. Pack wheel bearings	N/A	X	5.
4. Brakes, clean, Check and adjust	X	N/A	4.
5. Safety Inspection	X	N/A	1.
.			

Notes:

1. Inspect all safety related components to include as a minimum, rear lights, brakes tires, reflectors and air brake system for damage and proper operation
2. Lubricate all points per manufacturers recommendations.
3. Do not mix Radial with Bias ply tires on same vehicle. Check the pressure when Tires are cold. Check for unusual wear; If required, rotate and match according to Tread design and degree of wear.
4. Inspect airlines, reservoir and fittings for damage or leaks; Drain accumulated Condensate from air reservoir; Inspect all valves, air chambers, fittings and Connecting lines for damage and defects. Check and Adjust last adjusters
5. Inspect, Repack, clean and adjust as necessary.

Items 2,3,4 of the Equipment List (attachment 3)

MAINTENANCE TASK LIST

TYPE EQUIPMENT: Stock Selectors, Turret Truck, Electric, Wire-guided, 1,000 – 3,000 lbs, CAP

TASK	FREQUENCY		NOTES
	SEMI ANNUAL	ANNUAL	
1. Lubricate, All points	X	X	N/A
2. Wheel Bearings	X	X	3.
3. Hydraulic oil filters	N/A	X	8.
4. All fluids	X	X	4.
5. Motor brushes	X	X	1.
6. Contractor Points	X	X	1.
7. Battery, Clean and service	X	X	10.
8. Hoist and carriage chains	X	X	5
9. Safety Inspection	X	X	6
10. Load certification	N/A	X	9

Notes:

1. Check, change, replace or repair as necessary
2. RESERVED.
3. Inspect, re-pack, clean and adjust as necessary. Replacement of wheel bearings shall be accomplished under remedial maintenance, as agreed to by the COR.
4. Check fluid levels in gear boxes, hydraulics, transmissions, differential and brakes. Top off semi-annually; change annually
5. Lubricate, inspect, check tension.
6. Inspect all safety components to include front and rear lights, brakes, brake pedals, tires horn, back-up alarm, overhead guard and fire extinguisher. All repairs required as a result of Safety Inspection shall be accomplished under Remedial Maintenance, with the approval of the COR.
7. Reserved
8. Replaceable filters checked semi-annually, change annually; Reusable screen filters clean semi-annually and annually.
9. In accordance with Code of Federal Regulation (CFR) 29, Part 1910; stencil Capacity when required.
10. Inspect, maintain; check/fill battery water level; inspect cables and connections for Damage.

MAINTENANCE TASK LIST

TYPE EQUIPMENT: BATTERY CHARGERS, 24 AND 48 VOLTS

TASK	FREQUENCY			NOTES
	Quarterly	SEMI-ANNUAL	ANNUAL	
1. Battery Chargers	X	X	X	1.

Notes:

1. Dust, exterior/interior. Inspect and repair/replace cables, connectors straps and Jumpers; if required. Check conductivity and resistance and voltage.

Item 12 of the Equipment List (attachment 3)

MAINTENANCE TASK LIST

TYPE EQUIPMENT: PORTABLE, GASOLINE, GENERATORS

TASK	FREQUENCY			NOTES
	Quarterly	SEMI-ANNUAL	ANNUAL	
1. Battery	X	X	X	1.
2. Fuel Tank/Lines		X	X	2.
3. Carburetor		X	X	3.
4. Gauges		X	X	4.

Notes:

1. Dust, exterior/interior. Inspect and repair/replace cables, connectors straps for corrosion and leaks. Check conductivity and resistance and voltage.
2. Check for cracks in the fuel tank and fuel lines.
3. Clean and adjust carburetor.
4. Inspect and test gauges.

MAINTENANCE TASK LIST

TYPE EQUIPMENT: 1 ½ Ton Bridge Crane, 2 Ton Electric Crane
Gantry ½ Ton Portable Hoist

TASK	FREQUENCY		NOTES
	SEMI ANNUAL	ANNUAL	
1. Lubrication	X	X	1.
2. Safety inspection	X	X	2.
3. Operational check	X	X	3.
4. Load Test Certification	N/A	X	4.

Notes:

1. Lubricate all major components.
2. Check all major components, inspect bolted and welded connections, chains, cables.
3. Make minor adjustments to both electrical and mechanical components, including but not limited to: limit switches, control systems, brakes and trolley flange. Perform operational tests through full range of functions.
4. Load Tested and certified.

Item 29 of the Equipment List (attachment 3)

MAINTENANCE TASK LIST

TYPE EQUIPMENT: FORKLIFT, DIESEL

TASK	FREQUENCY			NOTES
	Quarterly	SEMI-ANNUAL	ANNUAL	
1. Lube Chassis	X	X	X	1
2. Antifreeze	X	X	X	2
3. Wheel Bearings	N/A	X	X	3
4. Engine oil and filter	X	X	X	4
5. Fuel Filter	X	X	X	4
6. Hydraulic system and filter	N/A	X	X	4
7. Air Cleaner	X	X	X	4
8. Gear Boxes	N/A	X	X	5
9. Lights and lenses	N/A	X	X	6
10. Tune Engine	N/A	X	X	
11. Brakes	X	X	X	5
12. Transmission	N/A	X	X	9
13. Safety Inspection	X	X	X	6
14. Operational Check	X	X	X	6
15. Battery	X	X	X	5
16. Check valve lash and compression	N/A	X	X	
17. Tighten ball joints	N/A	X	X	
18. Tires	N/A	X	X	7
19. Mast and Carriage	X	X	X	8

Notes:

1. Lube all points.
2. Top off; change if contaminated.
3. Repack, inspect.
4. Change oil, fuel, hydraulic system filters and clean/change air filters; change engine; check hydraulic oil system lines/hoses and reservoirs, and top-off.
5. Check levels; add as required; remove excess acid residue buildup, and clean battery surface; check brake lines, connections for leaks and change fluid if contaminated; check brake wear; replace seals/gaskets as required.
6. Inspect all safety related components and repair damaged; check and repair lights/lenses; perform operational run for proper operation of all systems.
7. Check pressure and wear on pneumatic rubber tires (PRT); check for excessive wear and damage to solid rubber tires (SRT).
8. Check linkage for damage; adjust to manufacturer's specifications.

MAINTENANCE TASK LIST
TYPE EQUIPMENT: PALLET JACK, MANUAL

TASK	FREQUENCY			NOTES
	Quarterly	SEMI-ANNUAL	ANNUAL	
1. Battery Chargers	X	X	X	1.

Notes:

1. Dust, exterior/interior. Inspect and repair/replace cables, connectors straps and Jumpers; if required. Check conductivity and resistance and voltage.

Item 12 of the Equipment List (attachment 3)

MAINTENANCE TASK LIST

TYPE EQUIPMENT: PALLET JACK, ELECTRIC WALKIE

TASK	FREQUENCY			NOTES
	Quarterly	SEMI-ANNUAL	ANNUAL	
1. Battery Chargers	X	X	X	1.

Notes:

1. Dust, exterior/interior. Inspect and repair/replace cables, connectors straps and Jumpers; if required. Check conductivity and resistance and voltage.

Item 12 of the Equipment List (attachment 3)