



TEREX AERIALS

OPERATOR'S MANUAL

SPECIFICATIONS TA64

Working Height (Maximum) *	70 ft. (27.73 m)
Platform Height (Maximum)	64 ft. (25.91 m)
Stowed Height	8 ft. 1 in. (2.84 m)
Horizontal Reach from CL *	50 ft. 7 in. (15.4 m)
Length (stowed)	29 ft. (8.84 m)
Width (maximum)	7 ft. 11 in (2.41 m)
Platform dimensions	72 in x 36 in x 44 in (1.8 x .91 x 1.12 m)
Boom Elevation (above horizontal) (below horizontal)	+75 ⁰ -14 ⁰
Load capacity	500 lbs. (227 kg)
Platform Rotation	172 ⁰
Wheelbase	8 ft. (2.44 m)
Wheel track	6 ft. 7 in (2.01 m)
Turret Tailswing (Working Height)	Zero
Turret Rotation	360° continuous
Turning radius 2WS (inside) (outside/curb)	T.B.D. 16 ft. 9 in
4WS (outside/curb)	T.B.D.
Travel speed (stowed) (boom elevated)	0-3.0 m.p.h. (0-4.83 Km/h) 0-0.5 m.p.h. (0-0.80 Km/h)
Power source (standard) (optional)	Ford 2.3L gas 66 hp (49.2 kw) Continental TMD27 diesel 63 hp (46.97 kw)
Fuel tank capacity	40 gal (151 L)
Hydraulic system Max. operating pressure Reservoir Capacity	Load sensing and pressure compensating 2,500 psi (172 BAR) 52 gal. (196 L)
Tires (pneumatic unless noted)	15 x 19.5 13 P.R. (Mono)
Ground clearance	11 in (0.28 m)
Approx. shipping weight	26,000 lbs. (11,794 kg)
Axle Weight Floor Loading	TBD TBD
Wind speed rating	25 M.P.H. (maximum)
Gradeability STD 2WD Opt. 4wd	25% (140) ** 50% (270) **

* Denotes clearance must be allowed for body parts

** Gradeability data is theoretical and is limited by tire slip, stability, or engine oil pan design.

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MAINTENANCE

Table 1: **RECOMMENDED INSPECTION AND MAINTENANCE SCHEDULE**

ITEM	ITEM DESCRIPTION	LUBRICANT	SERVICE/FREQUENCY
1	Rotation Gear Box	Gear Oil - SAE EP 90	Check Monthly
2	Battery, Terminals & Cables		Check Weekly
	Battery		Inspect Daily
3	Tie Rod Pins	Mobilcote Type - S	Lubricate Monthly
4	Ring Gear - (Race) (Gear Teeth)	Multi-Purpose Grease EP-2 (rotate while greasing) Mobilcote Type - S	Lubricate Monthly
5	Engine	Refer to Mfgs. Instructions	See Manufacturer's Instructions
6	Radiator (if applicable)	Refer to Mfgs. Instructions	Check Daily
7	Hydraulic Reservoir Fluid	Dexron II or equivalent	Check Daily Replace/Yearly
8	Torque Hubs	Gear Oil - SAE EP 90	Check Monthly Replace Yearly
9	Hydraulic Tank Strainer		Clean Yearly
10	Hydraulic Tank Filler Breather		Clean Yearly
11	Hydraulic Return Line Filter		Replace 100 Hours
13	Boom & Riser Pivot Pins	Mobilcote Type - S	Lubricate Monthly
14	Steering Yoke King Pins	Mobilcote Type - S	Lubricate Monthly
15	Air Filter	Change according to eng. manufacturer's recommen- dations	Inspect Weekly or as conditions dictate
16	Fuel Filter		Replace 100 Hours
17	Engine Oil Filter		See Manufacturer's Instructions
18	Engine Oil Level	Refer to Manufacturer's Instructions for Type	Check Daily
19	Fuel Tank(s)		Check/Fill Daily
20	Wheel Bearings	Multi-purpose Grease EP-1	Repack Yearly
21	Oscillating Axle Pivot Pin (if option is incorporated)	Mobilcote Type - S	Lubricate Monthly

Check each of the above items for security, loose or missing fasteners, leaks, wear, or evidence of cracks. **Check** all visible electric wiring and hydraulic hoses for cracking or "checking", loose connections, fraying, chafing or excessive wear. If a problem is found with any of the following items, **do not operate** the aerial lift until a qualified aerial-lift technician makes the necessary repairs.