

USRA Light Mikado



subject to change without notice(写真は試作品に付け予告なく変更される場合があります)

— Technical Specifications —

縮尺・ゲージ	Gauge	1:32 Gauge One (45 mm)
車輪配列	Wheel Arrangement	2-8-2
重量	Weight	7.5kg (Engine 5.5 kg + Tender 2 kg)
全長	Length	770 mm (Engine 454 mm + Tender 304 mm)
全高	Height	164.8 mm
全幅	Width	102 mm
シリンダー	Cylinders	Two cylinders with D Slide Valve Bore 13 mm X Stroke 20 mm Dia 50 mm(cast iron with full equalized)
動輪径	Main Driving Wheel	Dia 26 mm / 34 mm
先従輪径	Pilot / Trailing Truck Wheel	Walschaert's
弁装置	Valve Gear	Valve Travel 6 mm, Cut-Off 75 %
給油器	Lubricator	Bore 6 mm X Stroke 5 mm
軸動ポンプ	Axle Driven Pump	

最小回転半径	Boiler	B-Type
ボイラー装備	Boiler Fittings	2 x safety valves, water gauge, pressure pressure gauge,throttle and blower valves,by-pass valve, blow-down valve, 400 cc at 70% Full
缶水容量	Boiler Capacity	3-4KG/CM2
常用圧力	Normal Working Pressure	Glass Fiber Wick Tubes Alcohol Burner Capacity 200 cc
バーナー	Burner	Capacity 200 cc
燃料容量	Tender Fuel Capacity	500cc
炭水容量	Tender Water Tank Capacity	Bore 11 mm X Stroke 12 mm with Kingston valve
ハンドポンプ	Tender Hand Water Pump	Dia 26 mm
炭水車輪径	Tender Truck Wheels	2m
最小回転半径	Min Dia.	



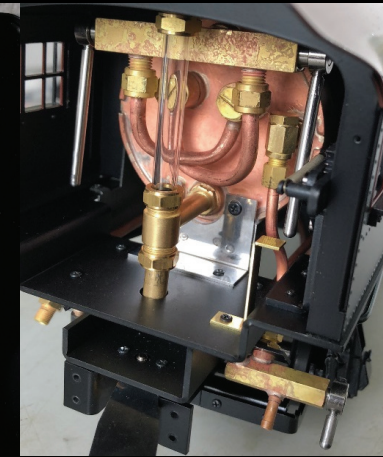
On January 1, 1918, control of the U.S. railroads was taken over by the United States Railway Administration (USRA). The USRA employed top locomotive designers from several locomotive manufacturers and railroads to develop a standard line of locomotives of various sizes, which would share certain basic parts to reduce production, maintenance and operating costs. Eventually, 12 standard designs were settled on. These designs included wheel arrangements from 0-6-0 to 2-8-8-2. Three sizes of tenders were developed with 8,000, 10,000, & 12,000 gallon capacities. Some locomotives were developed in both light and heavy versions. While the heavy Mikados ran on about 23 railroads, the light version was used by over 50 different railroads in both freight & passenger service. The first, for the Baltimore & Ohio Railroad, was completed in July 1918, numbered #4500. The light Mikados had 63 inch drivers, 26x30 inch cylinders, carried 200 lbs/sq inch in boiler pressure and weight 290,800 lbs. They developed a tractive effort of 54,600 lbs and originally cost \$53,600. These locomotives were produced by several other builders included ALCO, Lima & Baldwin. A total of 625 light Mikados were build under the USRA, with a further 641 copies built after the end of the USRA's control.



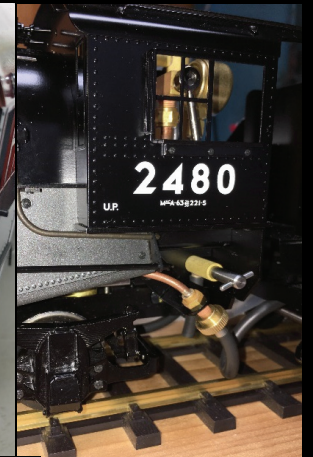
Featuring removeable cab roof and lift-off alcohol tank for easy refueling.



Kingston valve and larger hand pump. Easy to connect water tank car.



Left hand blowdown valve connected to gauge glass. Regulator stopper on cab floor. Right hand bypass valve.



Detailed cab and blowdown valve.



Fully equalized chassis



New Stainless Machining Rod

Old Brass lost wax with Nickel plate Rod

More information:
www.asterhobby.com
www.accucraft.com

