



Southern Railway

Mikado 4501

The Southern Railway green Mikado was born out of the nostalgia and romance of the magnificent steam locomotives of the past. The most famous Southern locomotives were the PS 4 class 4-6-2 Pacifics. These locomotives pulled the famous Crescent Limited and other passenger trains.

In 1926, President Fairfax Harrison visited England and was greatly impressed by the beautiful apple green and gold trimmed locomotives of the London & North Eastern Railway. Upon his return, he made arrangements for the 1926 group of PS4 Pacifics to be painted in "Virginia Green" rather than the traditional black. These green locomotives were lined and lettered in gold leaf! The paint scheme was so well like, that eventually, all Southern passenger locomotives were painted in this manner including 4-4-0's & 4-8-2's until the end of steam.

One PS4 #1401, survives in the Smithsonian's Museum of American History in Washington, DC. In 1966, the Southern began running steam locomotives in excursion service. The first one was Mikado #4501, built by the Baldwin Locomotive Works, which was painted in the famous green and gold livery of the Southern steam powered passenger fleet.

Specifications

Scale/Gauge 1/32, No. 1 (45 mm) Gauge

Weight 7.5 kg. (16 ½ pounds)

Dimensions

Length - 770 mm (30 ¼ inches) (Engine 454 mm + Tender 304 mm)

Width – 102 mm (4 1/10 inches)

Height – 164.8 mm (6 ½ inches)

Wheel Arrangements 2-8-2 Mikado

Driving Wheel Dia. 50 mm (Eccentric Cam for axle pump mounted)

Pilot Truck Wheel Dia. 26 mm

Trailer Truck Wheel Dia. 34 mm

Tender Wheel Dia. 28 mm

Axle Driven Water Pump Mounted on Main Drivers' Axle
(Pump Ram 5 mm x stroke 5 mm.)

Engine Two Cylinders with D-Slide Valve
(Bore 13 mm x Stroke 20 mm)

Valve Gear Walschaert's , Valve Travel 6 mm, Cut-Off 75%

Boiler Type Smoke Tube Boiler

Water Capacity 400 cc at 70% full

Working Pressure 3-4 kg/cm

Fittings Regulator Valve, Blower valve, Check Valve, Gauge Glass,
Pressure Gauge

Burner Wick Fiber Glass Wicks

Alcohol Tank 200 cc.

Water Tank 340 cc (80% full, Hand Pump Monted) 8 mm x stroke 12
mm

Minimum Radius 2.0 m (6 ½ feet) dia. 4 m (13 feet)