



## **SNCF 141R**

At the end of the Second World War, the French Railways were in ruins as a result of intense Allied bombing, and over 13,000 locomotives had been destroyed. In late 1944, a French Mission visited the United States to discuss the manufacture of replacement locomotives designed for both passenger service and freight traffic. Based on French technical suggestions, the locomotive we know as the 141R was developed. The 2-8-2 wheel arrangement, better known as a 'Mikado', was well suited for a mixed traffic and was a blend of French and American railroad standards and practices in 1945.

In order to undertake a rapid regeneration as quickly as possible, the locomotive production was shared by the companies of Baldwin, ALCO and Lima, with production occurring both in the US and in Canada, and in all a total of 1,340 locomotives were built. In service, they proved robust and reliable, easily maintained, and were well-liked by the crews due to the good cab design. The 141R class locomotive saw use on all of the SNCF regional lines, although this necessitated some variation in the design of the running gear. The biggest different existed in the type of fuel used - coal and oil firing. The Aster Model 141R is the oil-burning version with Boxpok wheels.

## **Specifications**

Scale, Gauge: 1/32, 45 mm

Net Weight: 6 kg

Length: 756.5 mm

Width: 94 mm

Height: 135 mm

Wheel Arrangement: 1D1 (2-8-2, 141) Mikado

Drivers: Diameter 51 mm, Box Center Type with ball bearings on axles and connecting rods, Equalized spring action

Cylinders: Twin Cylinders, Bore 13 mm x Stroke 20 mm

Valve Gears: Walschaerts with Reversing Lever

Boiler Type: Smoke Tube Boiler

Capacity: 350 mm

Fittings: Safety Valves x 2, Regulator, Blower Valve, Whistle Valve, Whistle, Check Valve, Pressure Gauge, Water Gauge

Lubricator: Axle Driven Mechanical Lubricator

Fuel: Methylated Alcohol

Burner: Alcohol Burner with Three Wick Tubes

Tender Fuel Tank: Capacity 75 ml

Water Tank Capacity: 220 ml

Pumps:

(1) Axle Driven Water Feed Pump

(2) Water Feed Hand Pump

