



## **SNCF 241 P 4-8-2**

**This French 4-8-2 four cylinder compound locomotive represents the most advanced and highly detailed European model built by Aster Hobby Co. Inc. of Japan.**

### ***Short History of the SNCF 241P***

**In October of 1945, the French National Railways SNCF ordered 35 four cylinder compound mountain type (4-8-2) locomotives from Schneider locomotive works in Creusot. The locomotives were to serve in express passenger service and had to pull a 750 ton train at 120 km/hr. sustained speed. Primary field of operation was on the Paris - Lion , Paris - Dijon - Marseille, Paris - Chaumont - Mulhouse and Paris - Lion - Mediterranee lines. Several locomotives were equipped with different tenders to full-fill the demands of their assigned territory. All of them featured mechanical coal stokers. Because of their excellent**

performance record they remained in service long into electrification of the railroad with the last locomotive retired in 1973. Four examples survive today in preserved / operational condition.

## Technical Specifications

Scale/Gauge	1/32
Weight	
Length	860 mm
Width	92mm
Height	133.5mm
Wheel Arrangement	4-8-2 MOUNTAIN type
Driving Wheel	cast iron, dia 61.6mm
Pilot and Trailer Truck Wheel	cast iron, pilot wheel : dia 29mm/Trailer: 42.2mm
Tender Truck Wheel	cast iron, dia 38mm
Axle Driven Pump	Bore 3 mm × Ram Stroke 18 mm
Cylinder	HP : Bore 10mm × Stroke 18mm/ LP : Bore 13mm × Stroke 21mm

<b>Valve Gear</b>	<b>Walschaerts' valve gear</b>
<b>Boiler Type</b>	<b>Locomotive</b>
<b>Water Capacity</b>	<b>380cc</b>
<b>Boiler Fittings</b>	<b>whistle, two safety valves, pressure gauge, regulator/blower valve, check valve, blow down valve , superheater</b>
<b>Lubricator</b>	<b>Roscoe displacement type</b>
<b>Tender</b>	<b>Hand operation pump (BORE 11 mm × STROKE 12 mm) 9V Battery box</b>
<b>Water Tank Capacity</b>	<b>500ml</b>
<b>Fuel</b>	<b>Coal or Alcohol</b>
<b>Fuel Capacity</b>	<b>340ml</b>
<b>Minimum Radius</b>	<b>2 meters</b>
<b>Lighting</b>	<b>Battery powered LED headlights, tender lights,</b>

drive train side lights



**You** 

**Aster SNCF 241 P**

**241P 1st layout test**

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**241 P coal firing - August 2012**

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**"An endurance test of SNCF 241P"**

**Kyoto, Japan - June 2012**

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**241 P 17 im Elsass**

**Prototype**

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