



Northern Pacific 4-6-0

Roundhouse:

Owner(s): Keith Sternberg
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Engine & Tender:

Track: 7 ½ inch
Castings: Allen Model – 10 Wheeler
Builder: Keith Sternberg
Bore & Stroke: 1¾ x 3¼
Drive Diameter: 8 Inch
Weight: 550lbs
Engine and Tender Length: 9 feet
Minimum Track Radius: 32 feet



Boiler/Firing:

Type: Locomotive type boiler
Size: 8 Inch
Tubes: 5/8" "K" copper tubes, qty (23)
Firing: Coal
Operating Pressure: 150 psi
Boiler Feed: Axel driven feed pump with Keim Simplex feed pump
Injector: Superscale Locomotive Chicago Type "R"

Special Features:

Firebox divided with titanium baffles to reduce grate area to promote stronger air flow through the fuel bed and the combustion chamber between the baffled and tube sheet. Cylinder bored to 1¾ inch instead of 2 inch to permit operation at high pressure without wheel slip and to promote a more vigorous exhaust blast. Custom stack cap with liner in stack to reduce stack diameter to promote higher velocity of exhaust blast. Balanced slide valves, bronze ring sliding against hard-chromed covers

