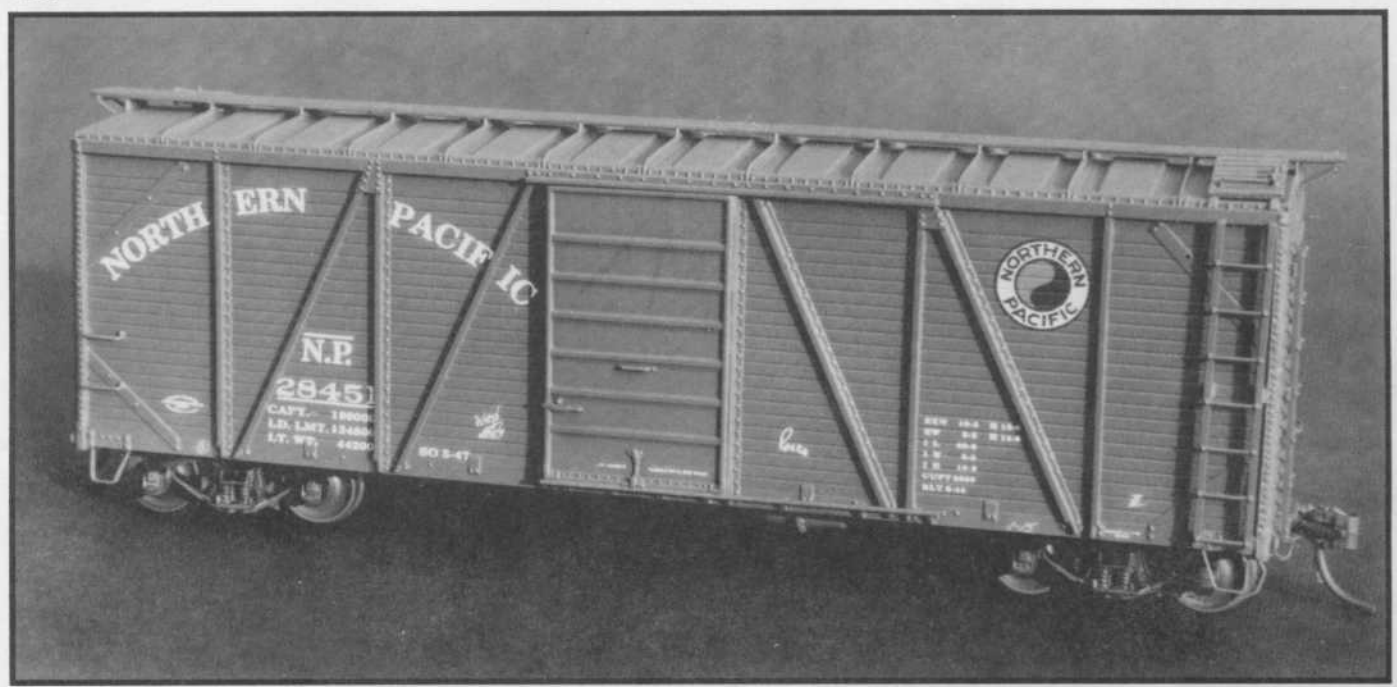




**SUNSHINE
MODELS**

Northern Pacific 10' 6" IH War Emergency Boxcar



When steel plate was limited during World War II, the AAR redesigned a version of the standard 1942 boxcar to replace the steel sides with composite wood sides and a steel truss. Six welded diagonals and posts were placed over a single sheath of horizontal wood. The redesign retained the steel ends and roof of the '42 cars. The larger roads received emergency cars that were 10'6" inside height. (Smaller Southeastern roads received a 10' IH version, a kit previously issued by Sunshine Models.) Some 3719 taller cars were built in the U.S. in 1943-44 by a variety of builders.

The cars came with a variety of doors: Youngstown door, a composite door--combining 1/5th Youngstown and 4/5th vertical wood sheathing, and Superior door. The ends were from a variety of standard designs from the era--some with poling pockets, others without. Metal running boards--Apex and Gypsum--were applied on most cars, while wood was used on a minority. Power hand brakes were subject to availability during this period, so a variety were used on these cars.

The largest block of emergency boxcars was not built to the AAR design, at all. Instead, the cars were built to the Northern Pacific's own composite design of a 10' 6" IH car.

The NP had designed a car using two diagonals either side of the door, rather than the three in the AAR design and riveting instead of welding. The Northwestern roads had largely ignored the steel designs in deference to the logging interests of the area which were major shippers. The ends, roof and underframe of the Northern Pacific's design nevertheless generally followed the construction common to the other War Emergency boxcars and the AAR 1942 design car. The Northern Pacific car was accepted by the War Production Board, since it accomplished the same purpose as the AAR emergency design.

A thousand NP cars were built by Pullman, 28000-28749, and Pressed Steel Car Co., 28750-28999. These had wood running boards and poling pockets on the ends. All cars received Superior doors and were equipped with Barber trucks, which have a close resemblance to the ARA design cast side frame trucks common during this era.

The Sunshine Model kit combines gray urethane cast parts with an injection molded plastic roof and commercial detailing parts. Proprietary decals, full instructions and a four page Prototype Data Sheet are included. Appropriate trucks are available separately.

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___ Kit # 29.16 NP 28000 series Pullman/Pressed Steel Car built W.E. boxcar, Superior door, Murphy roof, wood r'ing board, \$27
___ TP 40 Plastic, black, ARA design five coil spring trucks with metal wheelsets, \$5.00

Name _____ Street _____
City _____ State _____ ZIP _____

Add \$4.00 for shipping per five kits in U.S. (MO residents add 5.975%), Canada \$6.80 for two kits

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