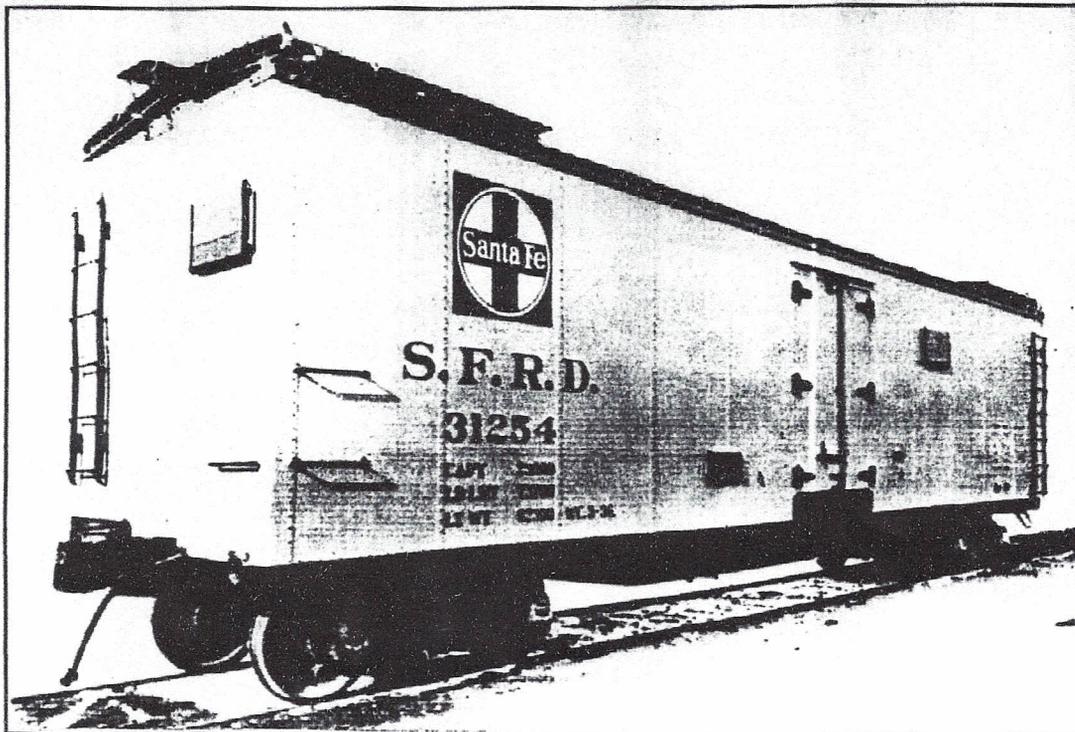




**SUNSHINE
MODELS**

Mini-Kit Prototype Data and Instructions
SFRD RR-19 Rebuilds with Plate Ends



SFRD No. 31254, new 1936, Santa Fe Photo, Courtesy Charlie Slater

The RR-19 Nos. 31254 and 31255 were the first two all steel rebuilds of the large block of SFRD's USRA wood reefers that followed. They were unique from the succeeding rebuilds in use of riveted flat plate ends, similar to those used on the PRR X-29, and recessed side sills, common on the boxcar rebuilds of the era.

The cars received 10 panel steel sides, 5' doors and a Murphy raised panel roof. AB brakes and Ajax power hand brakes were applied. They kept their Andrews double truss trucks and fishbelly underframe. The cars received Santa Fe reefer orange sides and ends and no slogan in 1936. Many rebuilt reefers without slogans remained in their original paint until well into the post World War II period. Cars repainted after 1940 would have received the current SFRD scheme with black ends and a slogan.

To create the model, review the photo above, use an Intermountain #41299 undecorated Santa Fe reefer and make the following changes:

1. Sand off the horizontal rivets in the center of each panel at the end of the sides.
2. On the second panels in, sand off the 2 upper rows of horizontal rivets at the bottom of the panel.
3. On the underframe, cut off the ends on the bolsters and cut back the cross

members to the edge of the wood floor to create a backing for the cast side sill.

4. On the four corners of the underframe add a piece of .010 x .030 styrene strip to make this part .010 deeper.

5. Build the kit using the instructions, but substitute the new end castings and attach the cast side sills against the cut-back underframe cross members. (As viewed from the "B" end, the left side sill has two extra rivets to the left of the door and the right side sill has three rivets to the right of the door.)

6. Paint the sides and ends ATSF reefer orange (1 part Floquil reefer orange and 3 parts Floquil reefer yellow). Paint the roof, underframe and trucks black. Apply the proprietary decals as in the photo above. Apply the white herald background first, then black.

7. To create a car with post 1940 lettering, paint the ends black and use Champ decals. The slogans applied to these two cars are unknown. If adding a train slogan used in the 1940 and 1947 schemes, move the side tack board to the second panel to the left of the door.

We thank Charlie Slater who did the prototype research and created the masters for this mini-kit.