



# Norfolk & Western 6-6-6-6 Steam Turbine "Jawn Henry"

**HO SCALE**

Jawn Henry! No, not the steel-drivin' man (a C&O employee, I'm told!); We're talking about the Norfolk & Western's last stab at preserving coal-burning locomotives. We're talking about a powerful 6-6-6-6 steam turbine-powered locomotive! Announced to the N&W employees in 1949, the N&W combined with Baldwin-Lima-Hamilton, Babcock & Wilcox and Westinghouse Electric to build the beast known as #2300, "Jawn Henry". Rated at 4,500 horsepower with a starting tractive effort of 175,000 pounds, "Jawn" was perfectly suited to combine the best of steam and electric drive characteristics. The boiler produced 600 p.s.i. steam, which powered the turbine, which powered the generator, which ran the traction motors on each of the twelve axles!

In practice, while the boiler was most effective, the turbine and generator did not meet the efficiencies hoped for. In spite of this, Jawn managed to move more tonnage (try 13,073) on less coal than a Y-6b. The weak spot was the feed-water pump which had to be operated at an over-spec speed and ran to destruction. This required shopping for replacement. Thus, the maintenance down time was excessive, and the experiment was ended in late 1957.

Jawn spent it's short life mostly as a "pusher" over the Blue Ridge. When healthy, it did it's job well. In any event, it was an impressive hunk of machinery, ant Division Point and Boo-Rim Precision are proud to produce a limited quantity of these husky beauties, so best contact your dealer NOW!

As usual, we are indebted to those folks who publish the information and photos we need. We urge you to buy their books and photos.

- \* N&W: Giant of Steam by Lewis I. Jeffries (1980, Pruett Publishing Co., Boulder)
- \* Norfolk & Western Railway - Pocahontas Coal Carrier by Richard E. Prince (1980, R.E. Prince, Millard)
- \* Memories of Norfolk and Western Power by Paul Carleton (1994, D. Carleton Railbooks, Dunellon, FL)
- \* Norfolk & Western In Color Volume 1 by jim Nichols (1997, Morning Sun Books)
- \* Norfolk & Western Steam In Color by Wm. G. McClure & Jeremy F. Plant (2007, Morning Sun Books)
- \* and thanks to the N&W Historical Society (and all the others) for preserving the data!



Photo: Royal Moore  
From Norfolk & Western Steam & Coal  
by William G. McClure & Jeremy F. Plant (2007, Morning Sun Books, Boulder, CO, USA)  
Norfolk & Western #2300 "Jawn Henry" Steam Turbine  
near Webster, VA -- May 27, 1956

"Jawn" pushing over the Blue Ridge

## ORDER FORM

Customer Name: \_\_\_\_\_  
 Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
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Item	Description	Quantity
DP-0810	Norfolk & Western 32300 Steam Turbine with water tender "JAWN HENRY"	_____
DP-0812	Norfolk & Western auxilary tender (canteen), road number TBD	_____
Total Quantity		_____

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