



# Railway Executive News

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## SELECTIVE SERVICING CUTS SET-OUTS 92%, ONE ROAD REPORTS

A study of hot box set-outs on a single 330 mile daily run, evidenced the value of SERVOSAFE selective servicing. Before the Servosafe System was installed there were 25 set-outs in six months' time. With the Servosafe System in operation, only two set-outs were necessary in the following six months.

The train selected for this study runs 330 miles non-stop after only a limited stop at one station. Thorough journal inspection using conventional methods was uneconomical in the available time.

With the Servosafe Hot Box Detective, all trains coming into this check point receive automatic journal inspection. Journals showing abnormalities are precisely located and service work is concentrated on these bearings. By wasting no time looking over the entire train for the danger areas, every minute of the brief stop is spent correcting pre-located troubles. ■

## New York Central Goes System-Wide With Servosafe® Hot Box Detective\*

By extending its SERVOSAFE® Infrared Detective System to a system-wide basis, the New York Central has become the world's largest user of hot box detectors.

Recognizing the hot box as the biggest single factor behind freight train derailments, the Central is increasing its use of SERVOSAFE Detectives to cover its entire 10,700 mile, 11 state system.

As shown by the map below, 17 units at nine locations are now in operation—with 15 more units at 12 new locations being installed by December. Early in 1959, the road plans to install 20 more units.

Located at terminals and interchanges, at interim inspection

points and along the right of way at strategic spots, these SERVOSAFE Hot Box Detectives locate overheated journals automatically, instantly and accurately. By giving early warning, they reduce repair costs. By pinpointing incipient hot boxes, they minimize inspection time and make possible selective servicing. Fewer set-outs and reduced car shopping are results which have been proven on ten major railroads using the SERVOSAFE System.

In addition to direct savings, shipping schedules are better maintained, and equipment, CTC, interlockings, structure and "consist" are protected against damage caused by hot boxes. ■

New York Central's first Hot Box Detective installation was made early in 1957 at Huron, Ohio. Its performance led to units being placed near Wauseon, Ohio; Dock Junction, Pennsylvania; Brimfield, Indiana; and Syracuse, Canastota, Oneida, Chili Junction and Angola, all in New York State.

The Hot Box Detectives now being delivered will be located at Germantown, Garrison, Savannah and Ripley, New York; Amherst, Crestline, Galion and Russia, Ohio; New Carlisle, Ingalls and Millers, Indiana; and Ann Arbor, Michigan.

