

FULL SCALE MEASUREMENTS OF THE AERODYNAMIC DRAG OF TRAINS

During the period 20 June to 8 August 1982 train resistance was measured for three train consists on the East Coast Main Line. The three trains are typical of much of the rolling stock used on British Rail.

The "coasting" method was employed in an attempt to determine train aerodynamic resistance. The deceleration – speed characteristic was determined as the train coasted from its maximum speed to rest.

The test procedure and results are reported in this report.