

APT-E TRAIN HIGH CANT DEFICIENCY TESTS CARRIED OUT ON THE MIDLAND MAIN LINE ON THE 28TH APRIL 1975

This interim report presents selected runs from the fastest run of the experimental Advanced Passenger Train from St Pancras to Leicester on 28 April 1975. The bulk of this report is an analysis of the H force (lateral primary suspension force) produced by the E1 power bogies on nine selected curves. Similar data for the E1T trailer bogie is not available due to instrumentation difficulties. Data is also presented on the environment of the vehicle bodies, bogies and other suspension elements.