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SYSTEM FOR WIND TUNNEL RESULTS

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: This document concerns the details of the Second version of the Management and Analysis System (DBMS) developed at Experimental Aerodynamics Division, NAL for wind tunnel test results. Further described in this report are the batch processing package for creation of huge data bases and a

general purpose, two-dimensional plotting package which can be used independent of

This version of DBMS has several new features compared to earlier version described in ref.1 and these are detailed here. The graphic routines have been made highly user friendly, portable and nearly device independent. Error handling routines have been developed to service the unintentional Keyboard errors and

wrong inputs for ordinal numbers. These have made the system virtually free from either premature program shut-down or producing unexpected results. The current version of DBMS package and the general purpose plotting routines also work on

personal computers and drive a number of graphical output devices. Additionally, a number of major data bases have been created for the test data generated both at NAL and elsewhere for combat as well as transport category aircraft models.

The PC version of DBMS and the general purpose plotting package have been supplied to user organisations.