

## **1.0 SCOPE**

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### **1.1 Purpose**

This document provides, in a standardized format, the recommended minimum airplane characteristics data that are needed for general airport planning information. The DC-10 data in this document are for each series considering airport operations. Since operational practices vary among airlines, specific data should be coordinated with the using airlines prior to facility design. The Douglas Aircraft Company should be contacted for any additional information required.

Content of the document reflects the results of a coordinated effort by representatives from the following organizations:

- Aerospace Industries Association
- Airport Operators' Council International
- Air Transport Association of America
- International Air Transport Association

## 1.2 Introduction

This document is completely updated to conform to NAS 3601 as revised November 1976. All previous revisions are incorporated in this edition. It provides Douglas Model DC-10 characteristics for airport operators, airlines and engineering consultant organizations. Since airplane changes and available options may alter the information, the data presented herein must be regarded as subject to change. Similarly, for airplanes not yet certified, changes can be expected to occur.

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## 1.3 Inclusion of MD-10-10F/-30F Freighter Information

This document has been partially revised to incorporate key information for the MD-10-10F and MD-10-30F Freighters. The main change was the incorporation of the MD-11 landing gear tires and carbon brakes onto the MD-10-10F and MD-10-30F Freighters. The general airplane characteristics table and select pages from section 7 of the document pertaining to pavement data were the only pages revised. All existing charts and diagrams for the DC-10 that were not revised can still be considered valid for the MD-10-10F and MD-10-30F Freighters.