This is a preview of "ISO 1949:1987". Click here to purchase the full version from the ANSI store.

INTERNATIONAL STANDARD





INTERNATIONAL ORGANIZATION FOR STANDARDIZATION ORGANISATION INTERNATIONALE DE NORMALISATION МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

Aircraft — Electrical connectors — Design requirements

Aéronefs - Connecteurs électriques - Caractéristiques

"The American National Standards Institute (ANSI) is the primary source and official sales agent for ISO standards in the United States ANSI was granted an exclusive license to distribute and sell ISO standards, technical reports, drafts and other priced publications within the U.S.A. Under this license agreement ISO has granted to ANSI the right to reproduce ISO standards and drafts within the territories of the United States"

Reference number ISO 1949:1987 (E) This is a preview of "ISO 1949:1987". Click here to purchase the full version from the ANSI store.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 1949 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles.*

This second edition cancels and replaces the first edition (ISO 1949 : 1973), of which it constitutes a technical revision.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

© International Organization for Standardization, 1987 •

Printed in Switzerland

This is a preview of "ISO 1949:1987". Click here to purchase the full version from the ANSI store.

Contents Page 0 Introduction . 1 . . . Scope and field of application 1 1 . . . 1 2 References . . . 3 Definitions 1 . . Section one : Design requirements 3 4 General . . 3 5 Environmental conditions . . 4 6 Mechanical specifications 7 Electrical specifications 5 5 8 Marking 6 Fixtures and accessories 9 6 10 Tools Section two : Type approval testing 6 11 Sampling for type tests 7 12 Test conditions 7 13 Test methods 7 14 Test details Section three : Production and quality testing 8 Production acceptance tests . . 15 . . 8 Production quality tests . 16 Quality approval maintenance tests 8 17 9-10 Figures Annexes Information to be included in the detail specification . 11 Α 12 В Type approval test schedule . .

iii