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STANDARD

11242

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Aircraft — Pressure equalization requirements for cargo containers

Aéronefs — Exigences d'égalisation de pression pour les conteneurs de fret



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Foreword

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International Standard ISO 11242 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 9, *Air cargo and ground equipment*.

Annexes A, B and C of this International Standard are for information only.

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Introduction

The decrease in ambient pressure with altitude creates a pressure differential between the inside of a cargo container and the outside environment. When the internal volume and/or area of a container are significant, this may, if not properly controlled, result in tremendous forces exerted on the container panels, thus becoming a major flight safety hazard. Incidents were recorded during flight in which overly airtight containers broke down or nearly exploded during climb.

In order to avoid such potentially hazardous situations, it is essential that this problem be clearly identified and taken into account when designing any type of container to be moved regularly or occasionally by air cargo.