

BS ISO 2685:1998



BSI Standards Publication

Aircraft — Environmental test procedure for airborne equipment — Resistance to fire in designated fire zones

bsi.

...making excellence a habit.™

National foreword

This British Standard is the UK implementation of ISO 2685:1998.

This standard can be used alongside BS 3G 100-2.3.13:1973, but with the following taken into account:

- The specified flame temperature tolerances are larger in this standard than in BS 3G 100-2.3.13:1973;
- The specified heat flux density is much lower in this standard;
- The specified application of vibration is specific to this standard and does not feature in BS 3G 100-2.3.13:1973. Application of vibration during a fire test might not be possible due to size, geometry or weight of the component or equipment under test and/or vibration capability at the potential fire test facilities. The supplier of the test article would need to determine whether the test is achievable, suitable or applicable to ensure that the component or equipment is capable of being subjected to vibration during the selected fire test. The requirement for application of vibration might need to be omitted altogether or downgraded to lower levels of vibration amplitude.

The UK participation in its preparation was entrusted to Technical Committee ACE/1, International and European Aerospace Policy and Processes.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2015.

Published by BSI Standards Limited 2015

ISBN 978 0 580 89673 6

ICS 49.020

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 February 2015.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

**Aircraft — Environmental test procedure for
airborne equipment — Resistance to fire in
designated fire zones**

*Aéronefs — Méthode d'essai en environnement des équipements
embarqués — Tenue au feu dans les zones désignées «zones de feu»*

