



BSI Standards Publication

Environmental conditions - Vibration and shock of electrotechnical equipment

Part 6: Transportation by propeller aircraft

National foreword

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TECHNICAL REPORT



Environmental conditions – Vibration and shock of electrotechnical equipment – Part 6: Transportation by propeller aircraft

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CONTENTS

FOREWORD.....	5
1 Scope.....	7
2 Normative references	7
3 Terms and definitions	7
4 Data source and quality	8
4.1 Vibration survey of four different propeller driven aircraft	8
4.2 Britten-Norman Islander aircraft flight measurements	9
4.3 Lockheed C130 flight vibration measurements	10
4.4 Lockheed C130 landing shock measurements	12
4.5 Supplementary data	12
5 Intra data source comparison	14
5.1 General.....	14
5.2 Vibration survey of four propeller driven aircraft.....	14
5.3 Britten-Norman Islander aircraft flight measurements	15
5.4 Lockheed C130 flight vibration measurements	16
5.5 Lockheed C130 landing shock measurements	16
6 Inter data source comparison	16
7 Environmental description	17
7.1 Physical sources producing mechanical vibrations	17
7.2 Environmental characteristics and severities.....	19
7.3 Derived test severities	19
8 Comparison with IEC 60721 (all parts).....	20
9 Recommendations	23
Bibliography.....	59
Figure 1 – Instrumentation locations for Britten-Norman Islander aircraft [1]	24
Figure 2 – Instrumentation locations for BAe Jetstream aircraft [1].....	24
Figure 3 – Instrumentation locations for BAe HS 748 aircraft [1]	25
Figure 4 – Instrumentation locations for Lockheed C130 Aircraft Islander [1]	25
Figure 5 – Comparison of relative overall rms severities for different aircrafts [1].....	26
Figure 6 – Comparison of relative overall rms severities for various flight conditions [1].....	27
Figure 7 – Comparison of relative overall rms severities for various locations [1]	28
Figure 8 – Typical cruise vibration spectrum for Britten-Norman Islander aircraft [1]	29
Figure 9 – Typical cruise vibration spectrum for BAe Jetstream aircraft [1].....	29
Figure 10 – Typical cruise vibration spectrum for BAe HS 748 aircraft [1]	30
Figure 11 – Typical cruise vibration spectrum for Lockheed C130 aircraft [1]	30
Figure 12 – Britten-Norman Islander vibration at cabin during cruise [2].....	31
Figure 13 – Britten-Norman Islander vibration at plane of propeller during take-off [2]	32
Figure 14 – Britten-Norman Islander vibration at middle of fuselage during take-off [2]	32
Figure 15 – Britten-Norman Islander vibration at middle of fuselage during cruise [2].....	33
Figure 16 – Britten-Norman Islander vibration at rear of fuselage during cruise [2].....	33
Figure 17 – Comparison of vibration severities for Lockheed C130 – Take-off [3].....	34
Figure 18 – Comparison of vibration severities for Lockheed C130 – Climb [3].....	34

Figure 19 – Comparison of vibration severities for Lockheed C130 – Cruise [3]	35
Figure 20 – Comparison of vibration severities for Lockheed C130 – Reverse thrust [3].....	35
Figure 21 – Comparison of vibration severities for Lockheed C130 at blade passing frequency [3].....	36
Figure 22 – Comparison of vibration severities for Lockheed C130 background random overall rms [3].....	37
Figure 23 – Lockheed C130 vibration at forward fuselage during take-off – Flight 3 [3]	40
Figure 24 – Lockheed C130 vibration at forward fuselage (Frame 257) during cruise – Flight 3 [3]	40
Figure 25 – Lockheed C130 vibration at forward fuselage (Frame 317) during cruise – Flight 3 [3]	41
Figure 26 – Lockheed C130 vibration at aft fuselage during cruise – Flight 3 [3]	41
Figure 27 – Lockheed C130 vibration at forward fuselage during landing – Flight 3 [3].....	42
Figure 28 – Lockheed C130 vibration at forward fuselage during take-off – Flight 4 [3]	42
Figure 29 – Lockheed C130 vibration at plane of propeller during take-off – Flight 4 [3]	43
Figure 30 – Lockheed C130 vibration at plane of propeller during climb – Flight 4 [3]	43
Figure 31 – Lockheed C130 vibration at plane of propeller during cruise – Flight 4 [3]	44
Figure 32 – Lockheed C130 vibration at plane of propeller during landing – Flight 4 [3]	44
Figure 33 – Landing shocks from Lockheed C130 vertical [4]	45
Figure 34 – Landing shocks from Lockheed C130 lateral [4]	45
Figure 35 – Landing shocks from Lockheed C130 longitudinal [4]	46
Figure 36 – Transall C160 vibration at fuselage floor during take-off [7].....	47
Figure 37 – Transall C160 vibration at fuselage floor during cruise [7]	47
Figure 38 – Transall C160 vibration at fuselage floor during landing [7]	48
Figure 39 – Lockheed C130J variant vibration at plane of propeller during cruise	48
Figure 40 – Airbus A400M vibration on fuselage floor during cruise conditions.....	49
Figure 41 – IEC 60721-3-2 [13] – Stationary vibration random severities	49
Figure 42 – IEC TR 60721-4-2 [14] – Stationary vibration random severities	50
Figure 43 – IEC 60721-3-2 [13] – Stationary vibration sinusoidal severities	50
Figure 44 – IEC TR 60721-4-2 [14] – Stationary vibration sinusoidal severities	51
Figure 45 – IEC 60721-3-2 [13] – Shock severities	51
Figure 46 – IEC TR 60721-4-2 [14] – Shock severities for IEC 60068-2-29 [17] test procedure	52
Figure 47 – IEC TR 60721-4-2 [14] – Shock severities for IEC 60068-2-27 [15] test procedure	52
Figure 48 – Comparison of four propeller aircraft vibrations [1] with IEC 60721-3-2 [13]	53
Figure 49 – Comparison of Britten-Norman Islander aircraft vibrations [1] with IEC 60721-3-2 [13]	53
Figure 50 – Comparison of Lockheed C130 aircraft vibrations [3] with IEC 60721-3-2 [13]	54
Figure 51 – Comparison of Transall C160 aircraft vibrations [7] with IEC 60721-3-2 [13].....	54
Figure 52 – Comparison of Britten-Norman Islander aircraft cruise vibrations [1] with IEC 60721-3-2 [13]	55
Figure 53 – Comparison of Britten-Norman Islander aircraft take-off/landing vibrations [1] with IEC 60721-3-2 [13]	55
Figure 54 – Comparison of Lockheed C130 aircraft cruise vibrations [3] with IEC 60721-3-2 [13]	56

Figure 55 – Comparison of Lockheed C130 aircraft take-off/ landing vibrations [3] with IEC 60721-3-2 [13]	56
Figure 56 – Comparison of Lockheed C130J variant cruise vibrations with IEC 60721-3-2 [13]	57
Figure 57 – Comparison of Airbus A400M cruise vibrations with IEC 60721-3-2 [13]	57
Figure 58 – Comparison of Lockheed C130 landing shocks [4] with IEC 60721-3-2 [13]	58
Table 1 – Record durations and error estimates for measured data for Britten-Norman Islander aircraft flight measurements	9
Table 2 – Record durations and error estimates for measured data for Lockheed C130 flight vibration measurements	11
Table 3 – Overall rms severities for Britten-Norman Islander [2]	31
Table 4 – Overall rms severities for Lockheed C130 – Flight 3 [3]	38
Table 5 – Overall rms severities for Lockheed C130 – Flight 4 [3]	39
Table 6 – Overall rms severities for Transall C160 [7]	46

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ENVIRONMENTAL CONDITIONS –
VIBRATION AND SHOCK OF ELECTROTECHNICAL EQUIPMENT –****Part 6: Transportation by propeller aircraft****FOREWORD**

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IEC TR 62131-6, which is a Technical Report, has been prepared by IEC technical committee 104: Environmental conditions, classification and methods of test.

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Full information on the voting for the approval of this Technical Report can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62131 series, published under the general title *Environmental conditions – Vibration and shock of electrotechnical equipment*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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ENVIRONMENTAL CONDITIONS – VIBRATION AND SHOCK OF ELECTROTECHNICAL EQUIPMENT –

Part 6: Transportation by propeller aircraft

1 Scope

This part of IEC 62131 reviews the available dynamic data relating to the transportation of electrotechnical equipment. The intent is that from all the available data an environmental description will be generated and compared to that set out in IEC 60721 (all parts)[11]¹.

For each of the sources identified the quality of the data is reviewed and checked for self consistency. The process used to undertake this check of data quality and that used to intrinsically categorize the various data sources is set out in IEC TR 62131-1[18].

This document primarily addresses data extracted from a number of different sources for which reasonable confidence exist in its quality and validity. The report also reviews some data for which the quality and validity cannot realistically be verified. These data are included to facilitate validation of information from other sources. The document clearly indicates when utilizing information in this latter category.

This document addresses data from a number of data gathering exercises. The quantity and quality of data in these exercises varies considerably as does the range of conditions encompassed.

Not all of the data reviewed were made available in electronic form. To permit comparison to be made, in this assessment, a quantity of the original (non-electronic) data has been manually digitized.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

¹ References in square brackets refer to the Bibliography.