APPENDIX DD  
ADOPTION PROPOSAL FORM

**CPR183/F12**

**KENYA BUREAU OF STANDARDS**

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| **Document Type:** | **Adoption proposal** | |
| **Dates:** | Circulation date | Closing date |
| 30th January 2024 | 29th February 2024 |
| **TC Secretary** | **This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Eng. Leonard Kiprono (**[kipchumbal**@kebs.org**](mailto:kipchumbal@kebs.org)**)** | |

The Kenya Bureau of Standards intends to adopt the International Standards as detailed here below

**KEBS TC 130 AIRCRAFTS**

1. **Number:** ISO 1151-6:1982/Amd 1:1984

**Title:** Terms and symbols for flight dynamics - Part 6: Aircraft geometry

Amendment 1

**Scope:**

This International Standard defines certain notions used for the geometric description of an aircraft for the purpose of flight dynamic studies

It does not give all the definitions that permit the detailed description of the shape of the aircraft.

<https://www.iso.org/obp/ui/en/#iso:std:iso:1151:-6:ed-2:v1:amd:1:v1:en>

1. **Number:** ISO 1151-2:1985/Add 1:1987

**Title:** Flight dynamics - Concepts, quantities and symbols

Part 2: Motions of the aircraft and the atmosphere relative to the Earth

**Scope:**

This part of ISO 1151 gives basic definitions and deals with the motions of the aircraft and the atmosphere relative to the Earth.

The atmosphere is assumed to be at rest or in translational motion at constant velocity relative to the Earth.1)

The aircraft is assumed to be rigid. However, most of the definitions can be applied to the case of a flexible aircraft.

When account is taken of the variations at the Earth's surface in the direction of the vertical (local direction of acceleration due to gravity), the term given in the sub-clauses and figures in question is qualified by the term "local".nternational Standard defines certain notions used for the geometric description of an aircraft for the purpose of flight dynamic studies

It does not give all the definitions that permit the detailed description of the shape of the aircraft.

<https://www.iso.org/obp/ui/en/#iso:std:iso:1151:-2:ed-2:v1:add:1:v1:en>

1. **Number:** ISO 1151-7:2023 To Replace KS ISO 1151-7:1985

**Title:** Flight dynamics - Vocabulary

Part 7: Flight points and flight envelopes

**Scope:**

This document defines the concepts and terms used in flight dynamics studies to specify aircraft flight conditions and envelopes.

This document applies to the analysis of operational, experimental or simulated flights for the purposes of safety analyses and qualification, taking into account potential failures and likely environmental conditions.

<https://www.iso.org/obp/ui/en/#iso:std:iso:1151:-7:ed-2:v1:en>

1. **Number:** ISO 1151-8:2022 To Replace KS ISO 1151-8:1992

**Title:** Flight dynamics - Vocabulary

Part 8: Dynamic behaviour of aircraft.

**Scope:**

This document defines terms related to the concepts and quantities characterizing some classes of aircraft motion and their fundamental dynamic characteristics.

The aircraft is assumed to be rigid, of constant mass and of constant inertia. It is not equipped with systems modifying its natural dynamic behaviour. However, most of the definitions can be applied to the case of a flexible aircraft, of variable mass and of variable inertia.

The general concepts defined in this document are applicable to the atmospheric flight phase.

<https://www.iso.org/obp/ui/en/#iso:std:iso:1151:-8:ed-2:v1:en>

1. **Number:** ISO 1151-9:1993/Amd 1:1998

**Title:** Flight dynamics - Concepts, quantities and symbols

Part 9: Models of atmospheric motions along the trajectory of the aircraft

**Scope:**

This part of ISO 1151 deals with the concepts and quantities characterizing models of the air motions affecting the dynamic behaviour of the aircraft.

The motion of the air with respect to the Earth is defined by the wind velocity (2.2.3) in each Point of the aircraft trajectory (8.2.1).

<https://www.iso.org/obp/ui/en/#iso:std:iso:1151:-9:ed-1:v1:en>

We are therefore seeking views from potential users in respect of the same. The Standard is available at the Kenya Bureau of Standards Information Centre. Please tick and fill your preference of the listed option. (If the spaces provided are not enough, please attach a separate sheet of paper).

Adoption acceptable as presented

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Adoption proposal not acceptable because of the reason(s) below

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Our Recommendations are as follows

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Name and Signature (of respondent): ................................................

Position (of respondent): .....................................

On behalf of ......................................................................................... (Name of organization)

Date .........................................................................

**NOTE:** Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote**.