

INTERNATIONAL STANDARD

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Flight dynamics — Concepts, quantities and symbols —

Part 4:

Concepts, quantities and symbols used in the study
of aircraft stability and control

Mécanique du vol — Concepts, grandeurs et symboles —

*Partie 4: Concepts, grandeurs et symboles utilisés pour l'étude de la stabilité et du
pilotage des avions*



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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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 1151-4 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Sub-Committee SC 3, *Concepts, quantities and symbols for flight dynamics*.

ISO 1151 consists of the following parts, under the general title *Flight dynamics — Concepts, quantities and symbols* :

- *Part 1: Aircraft motion relative to the air*
- *Part 2: Motions of the aircraft and the atmosphere relative to the Earth*
- *Part 3: Derivatives of forces, moments and their coefficients*
- *Part 4: Concepts, quantities and symbols used in the study of aircraft stability and control*
- *Part 5: Quantities used in measurements*
- *Part 6: Aircraft geometry*
- *Part 7: Flight points and flight envelopes*
- *Part 8: Concepts and quantities used in the study of the dynamic behaviour of the aircraft*
- *Part 9: Models of atmospheric motions along the trajectory of the aircraft*

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