

INTERNATIONAL STANDARD

ISO
1151-3

Second edition
1989-04-01

Flight dynamics — Concepts, quantities and symbols —

Part 3 : Derivatives of forces, moments and their coefficients

Mécanique du vol — Concepts, grandeurs et symboles —

Partie 3 : Dérivées des forces, des moments et de leurs coefficients



Reference number
ISO 1151-3 : 1989 (E)

Contents

	Page
Foreword	iii
3.0 Introduction	1
3.1 Functions and independent variables	1
3.1.1 Functions and classes of derivatives	1
3.1.2 Independent variables	2
3.2 Direct derivatives	2
3.3 Specific derivatives	3
3.3.1 Specific force derivatives	4
3.3.2 Specific moment derivatives	5
3.4 Normalized derivatives	6
3.5 Coefficient derivatives	8