

AIRCRAFT WEIGHT AND BALANCE COURSE

(As per CAO 100.28)

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| **MODULE 1** | General |  1.1 Documents 1.2 Weight Control Officer 1.3 Terms 1.4 Principles of Weight Control 1.5 Principle of moment 1.6 Conversion Factors |
| **MODULE 2** | Equipment and Control |  2.1 Plumb-bobs and levels 2.2 Scales 2.3 Preparation of Aircraft 2.4 Weighing Requirements |
| **MODULE 3** | Weight & Balance Calculations |  3.1 Basic Principles 3.2 Empty Weight Determination 3.3 Moment Index 3.4 Centre of Gravity Determination 3.5 Compilation of Empty Weight Documentation |
| **MODULE 4** | Weight and Balance Extreme ConditionsWeight Control in Service |  4.1 Determination 4.2 Loading System 4.3 Use of Ballast 4.4 Record of alterations 4.5 Reweighing |
| **MODULE 5** | Weight Control in Service |  5.1 Record of alterations 5.1 Reweighing |