

2.0 Approved Weighing Engineer

2.1 Quality Assurance Manager will administer issue of Approval based on recommendation by Technical Services Controller / Weighing Engineer. However, all approved signatories shall be subject to acceptance by DCAM through JPA-AP7(A) form.

2.2 Requirement for Weighing Engineer is as follows:

2.2.1 Basic Qualification;

2.2.1.1 Technical Services Engineer and

2.2.1.2 Holder of Degree in Engineering / Aviation field

2.2.2 Minimum Experience

2.2.2.1 Completed OJT on aircraft weighing.

2.2.2.2 Endorsement / Certification from Technical Services Manager / Weighing Engineer stating that candidate had satisfactorily completed OJT

2.2.2.3 OJT shall include practical experience on aircraft weighing process and preparation of weighing documentation on at least three helicopters / fixed wing aircrafts

2.2.3 Basic Training

2.2.3.1 MOE Training

2.2.3.2 Air Legislation training

2.2.3.3 Safety training

2.2.3.4 Human factors training

2.2.3.5 Gen / Fam training

2.2.3.6 Technical Services Department conducts aircraft weighing training in-house

2.2.3.7 Training covers both theory and practical aspect of aircraft weighing practices.

2.2.3.8 Practical training is conducted 'OJT' basis where candidate is directly involved in weighing aircraft under supervision of Weighing Engineer.

- 2.3** The references for theoretical aspects of weighing on tutorial basis are:
- 2.3.1** CAP 562 CAAIP Part 1 – Airworthiness Procedures, Leaflet 1-4 ‘Weight and Balance of Aircraft’.
 - 2.3.2** CAA British Civil Airworthiness Requirements.
Sub – Section A5, Chapter A5-4, Weight and Balance of Aircraft.
Sub – Section A6, Chapter A6-4, Weight and Balance of Aircraft.
Sub – Section A7, Chapter A7-10, Weight and Balance Report.
 - 2.3.3** FAA Aircraft Inspection and Repair (AC 43.13-1B) – Acceptable Methods, Techniques and Practices. Chapter 10 – Weight and Balance.
 - 2.3.4** Respective Aircraft Weight and Balance Manual as applicable and/or respective Aircraft Maintenance Manual, chapter 7 and 8 as applicable.
 - 2.3.5** Respective aircraft weighing kit instruction manual.
 - 2.3.6** MCAR – Regulation 43 Aircraft Weight Schedule
 - 2.3.7** DCAM Flight Operations Directive Section 3: Mass and Balance