

061

**GENERAL
NAVIGATION**

**INSTRUMENT RATING (A)
(NAVIGATION)**

| JAR-FCL REF NO | LEARNING OBJECTIVES | REMARKS |
|-------------------|---|--|
| 060 00 00 00 | <u>NAVIGATION</u> | |
| 061 00 00 00 | <u>GENERAL NAVIGATION</u> | |
| 061 01 00 00 | <u>BASICS OF NAVIGATION</u> | |
| 061 03 00 00 | <u>CHARTS</u> | |
| 061 03 03 00 | <u>The use of current aeronautical charts</u> <ul style="list-style-type: none"> – Enter positions on a chart using geographical coordinates or range and bearing – Derive coordinates of position – Derive true track angles and distances – Resolve bearings of a NDB for plotting on an aeronautical chart – Resolve radials of a VOR for plotting on an aeronautical chart – Plot DME ranges on an aeronautical chart – Find all the information for the flight and flight planning on the following Charts: <ul style="list-style-type: none"> – ICAO topographical map – VFR Chart – Crossing Chart – Radio facility Chart – Terminal Area Chart – Standard Instrument Arrival Chart (STAR) – Standard Instrument Departure Chart (SID) – Instrument Approach and Landing Chart – Aerodrome Chart | Use protractor, compasses/dividers Ruler |

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|---------------------------|---|----------------|
| | <ul style="list-style-type: none"><li data-bbox="398 296 831 323">– Aerodrome Obstruction Chart<li data-bbox="398 347 1704 411">– Describe the methods used to provide information on chart scale. Use the chart scales stated and be aware of the limitations of a stated scale for each projection<li data-bbox="398 435 1715 462">– Describe methods of representing relief and demonstrate the ability to interpret the relevant relief data<li data-bbox="398 486 1261 513">– Interpret the most commonly used conventional signs and symbols | |