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| <b>Title</b> | <b>Altimeter Setting Procedures (OMA &amp; OMB) (Re-Issue of NTA 037/18/G)</b> |
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|                      |            |
|----------------------|------------|
| <b>Applicability</b> | <b>All</b> |
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**Background**

Due to feedback received from the issue of NTA 030/18/G, this Notac has been amended and re-issued to ensure the information relating to section 2 is more generic.

Following a review of altimeter setting procedures and decision calls in accordance with ICAO Doc 8168 Aircraft Operations (Volume 2) Operations Manual Part A Section 8 and Operations Manual Part B Section 2 is amended to clearly define and standardise our procedures.

**Policy**

**OMA**

8.3.3.2 Setting Procedures

Altimeters are to be set, and cross-checked whenever a new setting is applied, in accordance with the following table.

| Flight Stage     | No.1   | No.2   | Remarks   |
|------------------|--------|--------|---|
| Before Take-off  | QNH    | QNH    | Aerodrome setting   |
| Climb and Cruise | QNH    | QNH    | If remaining below Transition Altitude <sup>(1)</sup>                               |
| Climb            | 1013.2 | 1013.2 | Set standard on climbing through Transition Altitude. <sup>(2)(3)</sup>             |
| En route         | 1013.2 | 1013.2 |   |
| Descent          | 1013.2 | 1013.2 | When cleared to intermediate Flight Levels  |
| Descent          | QNH    | QNH    | When cleared to an altitude and no further flight Level reports are required by ATC |
| Initial Approach | QNH    | QNH    | Aerodrome QNH   |
| Initial Approach | QNH    | QNH    | Aerodrome QNH   |
| Missed Approach  | QNH    | QNH    | Aerodrome QNH   |

Notes:

- 1 When en route, the QNH used should be the appropriate Regional value, unless operating below a Terminal Area (TMA) when the Zone QNH, or Aerodrome QNH of an associated aerodrome should be set.
- 2 When a third altimeter is fitted this must be set to the relevant QNH when at or below MOCA or MORA.
- 3 In UK Airspace only, set standard when cleared to a flight level

8.3.3.3 Standard Altimeter Calls

The following standard calls are to be made during all Gama flight operations.

|                                |   |
|--------------------------------|---|
| Cleared to a FL                | Set STD, Altimeter Check                |
| Approaching Cleared FL/Alt     | 1000 ft to go                           |
|                                | Altitude Capture                        |
|                                | Leveling at _____ FL                    |
| Passing 10,000 ft / FL100      | Passing 10,000/FL100 for Cleared Alt/FL |
| Passing FL200                  | Passing FL200 for Cleared Alt/FL        |
| Passing FL 300                 | Passing FL300 for Cleared Alt/FL        |
| Passing FL 400                 | Passing FL400 for Cleared Alt/FL        |
| Cleared to Altitude            | Set QNH, Altimeter Check                |
| Radio Altimeter                | Check QNH set and Altitude validity     |
| 1000 ft above aerodrome        | "Check"                                 |
| 500ft above aerodrome          | "Stable" / "Going around"               |
| 100ft above Decision Alt       | "Check"                                 |
| Approaching minima             | "Visual" or "Nothing seen Decide"       |
| "Decide" call the response is: | "Continuing" / "Going around"           |

**Example OMB:**

**2.2.6 Climb**

| PILOT FLYING (PF)  | PILOT MONITORING (PM)  |
|--|--|
| <p><b>Call for 'After take-off' checklist</b></p>              | <p>Read 'After take-off' checklist. Challenge and response.</p> <p>Call '1000' to go' when approaching cleared altitude (FL).</p> <p>Check pressurisation.</p> <p style="color: red;">Call "Transition Altitude"</p> |
| <p><b>Call and select 'Set Standard, Altimeter Check'.</b></p> | <p>Select standard baro pressure and call 'Standard Set, passing FL .....for FL.....'</p>  |
| <p><b>Confirm Flight Level passing to close procedure.</b></p> |  |

| Confirm 'Safe in the Sector'.   |  |                   |                       |
|---|--|-------------------|-----------------------|
|   |  |                   |                       |
| <b>Call for 'Climb' checklist</b>   |  |                   |                       |
|   | 'Climb' checklist. Challenge and Response.                           |                   |                       |
| <b>Note:</b><br><b>RVSM – Reduce rate of climb to less than 1,000 ft /min when 1,000 ft below cleared level.</b>  |  |                   |                       |
|   | Call passing every 10,000 ft.  |                   |                       |
|   | Perform altimeter check.   |                   |                       |
| <b>Note:</b><br>1) Standby ALT will remain on QNH until passing transition then select standard. QNH can be reselected when the latest destination airfield ATIS can be obtained.<br><br>2) Suitable range during take-off and departure is to be selected on the ND in order to maintain spatial awareness when using navigational tracks etc. |  |                   |                       |
| <b>2.2.10 <u>Landing</u></b>  |  |                   |                       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">PILOT FLYING (PF)</th> <th style="width: 50%; padding: 5px;">PILOT MONITORING (PM)</th> </tr> </table>  |  | PILOT FLYING (PF) | PILOT MONITORING (PM) |
| PILOT FLYING (PF)   | PILOT MONITORING (PM)  |                   |                       |
|   | Call 'RAD ALT' passing 2 500 feet                                    |                   |                       |
| <b>Check Altitude, and cross check DA / MDA set.</b>  | Confirm DA / MDA set.<br>Call 'Glideslope alive'.                    |                   |                       |
| <b>Confirm "Glideslope alive".</b>  |  |                   |                       |
| <b>Call for 'Gear at "one dot" above Glideslope capture.</b>  | Confirm 'speed checks' and select gear down and call 'three greens'. |                   |                       |
| <b>Confirm "Glideslope green".<br/>         Select Go Around altitude on ALT. alert</b>   | Check FMA for 'GS Green'   |                   |                       |
|   | Confirm GA altitude set on ALT. alert<br>Call 'FAF' cross check ALT. |                   |                       |
| <b>Respond 'Check'</b>  |  |                   |                       |
| <b>Note: No flags, on course, on glide-path and FMA/FD agree</b>  |  |                   |                       |

|   |                            |                     |
|---|----------------------------|---------------------|
| Gama Aviation  | Gama Aviation (UK) Limited | GAL450b             |
| <b>Notice to Aircrew</b>  |                            | <b>No: 010/19/G</b> |

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|--|--|
| <p><b>Call for 'Landing Checks and checklist'</b></p> <p><b>Continue to fly by reference to instruments. Do not transition to visual flight until runway is sighted.</b></p> <p><b>Respond "Check"</b></p> <p><b>Respond "Stable" / "Going around"</b></p> <p><b>Respond "Check"</b></p> <p><b>Respond "Continuing" / "Going around"</b></p> <p><b>*Note:</b></p> <p><b>When executing a 2D approach i.e. VOR/NDB/LNAV etc. respond "Stable" / "Going around" at 1,000ft AAL</b></p> | <p>Monitor ROD on VSI.<br/>Call errors 'Sink', 'Heading' and 'Speed'.</p> <p>Calls 'Landing checklist complete'</p> <p>Prepare to go-around.</p> <p>Call '1000ft' (AAL) *</p> <p>Call '500ft' (AAL)</p> <p>Call '100 above DA'.</p> <p>Call "Approaching minima VISUAL" or "NOTHING SEEN DECIDE"</p> <p>Note: if visual state direction of runway in extreme x-wind conditions</p> |
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**Issued by**  
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**Acting Director of Flight Operations**

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|--------------|------------|------------------|------------|---------------|---|
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