

IMC Checklist

Prior to Taxi

Airport – Review Airport diagram, Runway length and performance.

Approach plates - Missed approach. Decision heights, Hold (Abeam, Gate, Entry)

Weather / NOTAMS- Route and altitude.

Airplane – Fuel, Weight and Balance, IMC equipped.

During Taxi

Compass – Reading normal, clear and no bubbles

Airspeed – Reading “0”

Attitude Indicator – Stabilised within 5 mins, No more than $\pm 5^\circ$ error

Vertical Speed Indicator - Reading “0” or note error

Altimeter - Airport elevation ± 50 ft

Turn Coordinator – Little airplane turns in direction of turn – Ball goes opposite

Heading Indicator – Makes left & right turns

Comm Radios – Set frequencies for Tower, Departure.

Nav Radios – Set frequencies and stand by. For VOR, ADF, DME, Ident if possible

Nav Instruments – Set up VOR's, Heading bugs.

Charts, Plates and Checklists – Organise cockpit.

During Flight

ICE – Check and call for ice check every 1000ft, Check Temperature for ice.

Nav aids – Select, Identify ALL aids, Display

Mixture – Lean above 3000ft

Engine – Check instruments.

PLOG – Fuel log, & Timings

Before Commencing Approach – 6 A's

ATIS – Cloud, Windspeed, Runway in use,

Altimeter – Set correct QNH

Approach Plates – Decision Height, Distances and Heights, Missed Approach procedure.

Aircraft – Configure for landing

Avionics – Set for up for approach

Airspeed – Approach airspeed

Holding Procedures

Time – At Entry and at Abeam point

Turn – Standard rate turns

Twist – if using VOR, Heading bug

Throttle – Holding speed to conserve fuel

Track – inbound and outbound headings

Talk – “Entering the hold”, “Beacon Outbound”

At IAF

Approach Speed – Set Airspeed - GUMPS

Final Check — DH or Missed approach