

PA-38 Circuit Diagram



8 – Level off
ATTITUDE 5 Fingers
SPEED (>85 KIAS)
POWER 2300 RPM
TRIM
 1000 Feet AMSL
 Cruise **85 - 90 KIAS**
 Check Spacing
AIM POINT

9 – Downwind Call

Class D
Radio Call

10 – Pre-landing Checks
Brakes
Undercarriage
Mixture
Fuel
Instruments
Switches
Hatches
Harnesses

11 – Approaching 45°
LOOKOUT
 Carb Heat as REQUIRED
 Power 1700 RPM
 Maintain ALT. (1000')
 Speed < **89 KIAS**
 Flap 1st Stage (21°)
Trim as Required
 Down and Around
 Attitude Horizon 2/3 up
75 KIAS 500 ft/m

CTAF
Radio Call

CROSSWIND
7 – LOOKOUT
 Check Spacing

6 – 500'
 Turn Cross Wind
 Gentle Climb Turn
 Max 15° AoB

5 – 400'
LOOKOUT

4 – 300 Feet
 Positive RoC Confirmed
 Flaps up
 After Takeoff Checks

3 – Climb-out
70 KIAS
 AIM POINT

2 – Rotate
53 KIAS
 Takeoff Attitude (just below far end of the RWY)
62 KIAS (V_{Toss})
 Rotate Wings Level
 Rudder to Balance
Trim as Required

1 – Full Power
 Rudder keep Straight
 Static RPM, T's & P's
 ASI Increasing

15 – Short Final
67 KIAS @ 50'

14 – Final Checks
Pitch
Undercarriage
Flaps
Landing Clearance
Runway/Windsock
 Carb Heat OFF

13 – Final
 Established 500'
 On profile
AIM POINT 1/2 Windscreen
 Flap 2nd Stage (34°)
 Speed – **67 KIAS**
Trim as Required
 500ft/m

Downwind Work Cycle
 Heading (Aim Point)
 Height
 Spacing (3/4 Wing)
 Speed

Final Work Cycle
 Aim Point
 Aspect
 Airspeed
 Centre Line

12 – Base Check 750'
 Check Aim Point
Lookout

