

VNAV CIRCLE TO LAND

Before 10 nm:

PF: Extend flaps 1 & 5 on schedule
Select SPD INTV

2 nm Before the ND Descent point:

PF: Set MDA, verify VNAV PTH & SPD INTV

PM: "Approaching Descent"
PF: "XXX ft Set, VNAV PATH, SPD INTV"
PM: During descent, PM calls ALT vs Distance

FAF:

PF: Verify altitude deviation is ± 75 ft
RNP 0.3 nm

PF: "FAF XXX ft, No flags"
PM: "Altitude check, No flags"

4/5 nm ring:

PF: "Gear down, Flaps 15, Landing checklist to Flaps"

ALT ACQ

PF: Preselect HDG

ALT HLD

PF: Engage HDG SEL, Set MAA
Start timing when wings level
Reset HDG after 20 sec minus 1/2 Tailwind
Adjust HDG as required to maintain the track

PF: "Timing"

Abeam Threshold

PF: Start timing 3 x AAL minus 1/2 Tailwind

PF: "Timing"

When timing complete:

PF: Set RWY HDG, adjust AoB, use ND trend vector
Match Speed
Set Thrust 62% N1, Pitch 0°

PF: "Flaps 40, Landing Checklist"

Visual with PAPI

PF: Disconnect Autopilot / Autothrottle
Complete turn using trend vector
Adjust path using PAPI

PF: "Recycle Flight Directors"

PM: Landing gate call at 300ft AAL

Missed approach

PF: Push TO/GA

PF: "Go Around, Flaps 15, Set Go Around Thrust"

PM: "Go Around Thrust Set"

Positive rate:

PF: "Gear Up"

PM: "Positive Rate"

400ft AAL:

PF: Fly straight ahead with flaps 15 bug speed until passing MDA, call for HDG SEL & Radios

PF: "HDG SEL, Tune radios for Missed approach"

Above MDA:

PF: Make climbing turn in the shortest direction to the landing runway then follow missed approach
Retract the flaps on schedule

PF: "Set HDG xxx"

"Flaps 5" ... "Flaps 1" ... "Flaps up"

Up no lights:

PF: Engage Autopilot, Autothrottle, After T/O checks

PM: "Up no lights"

PF: "After takeoff checklist"

Remember: Blunder error threat with VNAV non precision approach with QNH and Temperature
RNP approach, during setup verify RNP 0.3 nm on PROG page4 and vertical deviation is ± 75 ft
Fly Track not Heading
Promptly initiate descent with Flaps 40, 62%N1, 0° pitch to avoid being high on profile
Landing gate at 300ft