

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
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FAF:

PF: Verify altitude deviation is ± 75 ft RNP 0.3 nm	PF: "FAF XXX ft, No flags" PM: "Altitude check, No flags"
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4/5 nm ring:

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

PF: Preselect HDG	
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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"
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Abeam Threshold

PF: Start timing 3 x AAL minus 1/2 Tailwind	PF: "Timing"
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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"
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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
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Missed approach

PF: Push TO/GA	PF: "Go Around, Flaps 15, Set Go Around Thrust" PM: "Go Around Thrust Set" <i>Positive rate:</i>
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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"
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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"
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Up no lights:

PF: Engage Autopilot, Autothrottle, After T/O checks	PM: "Up no lights" PF: "After takeoff checklist"
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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