

CLEAN PRE-MANEUVER FLOW

1. CLEARING TURNS
2. THROTTLE 20" MP
3. FUEL PUMPS ON
4. FUEL SELECTORS MAIN
5. COWL FLAPS OPEN
6. MIXTURE LEAN TO X
7. PROPS FORWARD

V SPEEDS

$V_R = 80\text{kts} / 90\text{mph}$ $V_{SO} = 60\text{kts} / 70\text{mph}$
 $V_X = 80\text{kts} / 90\text{mph}$ $V_{S1} = 66\text{kts} / 76\text{mph}$
 $V_Y = 100\text{kts} / 110\text{mph}$
 $V_{SE} = 90\text{kts} / 105\text{mph}$

SHORT TAKEOFF

1. FLAPS 50%
2. ROTATE 80 MPH
3. CLIMB **RED** LINE
4. CLIMB **BLUE** LINE
5. FLAPS UP
6. GEAR UP

SHORT LANDING

1. <150 GEAR DWN
2. FLAPS 50%
3. DESC **BLUE** LINE
4. FLAPS 100%
5. SHORT **RED** LINE
6. IDLE THRESHOLD

OEI

1. PITCH
2. AIRSPEED
3. FWD / FWD / FWD
4. FLY >BLUE LINE
5. FLAPS UP
6. GEAR UP
7. IDENTIFY
8. VERIFY
9. SECURE

STEEP TURN (3K)

8. THROTTLE 18"
9. FLY 140 MPH

PWR ON STALL (3K)

1. THROTTLE 12"
2. MAINTAIN ALT
3. SLW TO **BLUE** LINE
4. PWR TO 18"
5. PITCH UP
6. RECOVER
7. CLIMB **BLUE** LINE

V_{MC} DEMO (3K)

1. THROTTLE 20"
2. LX ENGINE IDLE
- 3. OEI PROCEDURE**
4. RX RUDDER
5. RAISE NOSE
6. THROTTLE IDLE
7. RX THROTTLE FULL
8. CLIMB **BLUE** LINE
9. SCISSOR

SLOW FLIGHT (3K)

1. GEAR DWN
2. FLAPS 100%
3. FLY **RED** LINE

ACCELER STALL (3K)

1. THROTTLE 12"
2. MAINTAIN ALT
3. SLW TO 120 MPH
4. IDLE
5. BANK 45, PTCH UP
6. RECOVER
7. ADD POWER
8. CLIMB **BLUE** LINE

ENGINE OFF (3K)

1. FLY > **BLUE** LINE
- 2. OEI PROCEDURE**
3. IDLE/IDLE/IDLE
CYL HEAD **GREEN**
4. PROP FWD
5. THROTTLE ¼"
6. MIXTURE IDLE
7. CRANK / MIX UP
8. THROTTLE 20"
CYL HEAD **WHITE**
9. NORMAL START
10. THROTTLE 12"

PWR OFF STAL (3K)

1. GEAR DWN
2. FLAPS 100%
3. 95 MPH NOSE UP
4. FULL FORWARD
5. FLAPS 50%
6. CLIMB **BLUE** LINE
7. GEAR UP
8. FLAPS 0

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Tizi Bernard / Aaron Barr

PIPER **PA-30**