

## **PAVE Checklist**

P – Pilot  
A – Aircraft  
V – enVironment  
E – External Factors

## **Fly Today?**

I – Illness  
M – Medication  
S – Stress  
A – Alcohol  
F – Fatigue  
E – External Pressures

## **Basic Med**

7 – 7 seats (6+Pilot)  
12 – 12,500lb total weight  
18 – 18,000ft msl limitation  
24 – 24 mos Complete Course  
25 – 250 kt speed limit  
48 – 48 months medical exam

## **PAX Briefing**

S – Seat Belts / no Smoking  
A – AC / Heat / Air Flow / Window Controls  
F – Fire Extinguisher & How to use it  
E – Exits / Egress  
T – Talking, Sterile Flight Deck  
Y – Your Questions?  
P – Placards – must be obeyed  
C – Controls – Positive exchange of controls

## **Flight Planning**

N - NOTAMS  
W - Weather  
K - Known ATC Delays  
R - Runway Lengths  
A - Alternate  
F - Fuel  
T - Takeoff and Landing Distances

## **Pre-Descent Checklist**

W – Weather & Altimeter  
A – ATIS Code  
R – Radio Set  
N – Navigation Set  
B – Brief the approach / entry

## **Cessna 172 Engine**

F – Fuel Injected/  
C – Carbureted  
4 – 4 Cylinder  
L – Lycoming io360/o320/ etc  
H – Horizontally Opposed  
A – Air Cooled  
N – Naturally Aspirated  
D – Direct Drive Engine

## **Combustion**

I – Intake  
C – Compression  
C – Combustion  
E – Exhaust

## **Engine Failure / Emergency**

A – Airspeed Best Glide  
B – Best Landing Spot  
C – Checklists & Flows  
D – Declare the Emergency  
E – Execute Forced Landing

## **VFR DAY**

A - Altimeter  
T - Tachometer  
O – Oil Pressure Gauge  
M – Manifold Pressure Gauge  
A – Airspeed Indicator  
T – Temperature Gauge  
O – Oil Temperature Gauge  
F – Fuel Gauge  
L – Landing Gear Position Indicator Light  
A – Anti Collision Lights  
M – Magnetic Compass  
E – ELT  
S – Seat Belts

## **VFR Night**

F – Fuses / Circuit Breakers  
L – Landing Light  
A – Anti Collision Lights  
P – Position Lights  
S – Source of Electric Power

## **5 C's of Lost Comms**

- C – Confess
- C – Conserve
- C – Climb
- C – Communicate
- C – Comply

## **Inspections**

- A – Airworthiness Directives
- V – VOR Check (30 days IFR) 91.171
- I – Inspections (100hr, Progressive, Annual) 91.409
- A – Altimeter / Pitot Static (24 mos. IFR) 91.411
- T – Transponder 24 mos. 91.413
- E – ELT (12mos, 1hr cum. Use, ½ life of batt.)

## **Required Documents**

- A – Airworthiness Certificate
- R – Registration Certificate
- R – Radio Station License (plane and pilot for international flights)
- O – Operating Limitations (AFM/POH)
- W – Weight & Balance for Aircraft
- P - Placards
- C – Compass Deviation Card

## **Magnetic Compass**

- V - Variation
- D - Deviation
- M – Magnetic Dip
- O - Oscillation

## **N – Northernly Turning Errors**

- U - Undershoot
- N - North
- O - Overshoot
- S - South

## **A – Acceleration Errors**

- A – Accelerate
- N - North
- D - Decelerate
- S - South

## **Types of Altitude**

- I – Indicated
- P - Pressure
- D - Density
- A - Absolute
- T - True

## **Types of Airspeed**

- I – Indicated
- C – Calibrated
- E – Equivalent
- G – Groundspeed

## **3Ps**

- P – Perceive
- P - Process
- P - Perform

## **Spin Recovery**

- P – Power Idle
- A – Aileron Neutral
- R – Rudder Opposite
- E – Elevator Forward

## **Special Use/Other Airspace (Not complete List)**

- M – MOA
- C – Controlled Firing Areas
- P – Prohibited Areas
- R – Restricted
- A – Alert Areas
- W – Warning Areas
- N – National Security Areas
- S – SFRA Special Flight Rules Areas
- S – SATR Special Air Traffic Rules Areas

## **Before Landing General Checklist**

- G – Gas Proper Tank
- U – Undercarriage - Down
- M – Mixture Rich
- P – Props Forward
- S – Seatbelts On

## **5P's**

- P - Plan
- P – Plane
- P - Pilot
- P - Plan
- P – Passengers

## **ADM**

A – Aeronautical

D –Decision

M – Making

## **Decide Model**

D - Detect

E - Estimate

C - Choose

I - Identify

D - Do

E - Evaluate

## **Illusions**

I - Inversion

C - Coriolis

E - Elevator

F - False Horizon

L – Leans

A – Autokenesis

G – Graveyard Spin/Spiral

S – Somotogravic

## **UPRTS (of Stall Recovery)**

U – Upset (Call out)

P – Push

R – Roll

T – Thrust

S – Stabilize