

# MNEMONIC CHECKLISTS

(for use prior to written checklist, not as a substitute)

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## Planning Checklists

### Flight Readiness

#### **PAVE**

##### **P**ilot

[Healthy] IM SAFE  
[Qualified] BEST

##### **A**ircraft

[Req. inspections] TAPE-V  
[Req. equipment] TOMATO FLAMES  
APES  
TEACHAR  
[Req. papers] ARROW

##### **V**EnVironment

[X-ctry planning] ORBIT  
[Req. info] DF WRAP

##### **E**xternal Factors

[Process risks] CARE  
[Manage risks] TEAM  
[Decision making] DECIDE

### Pilot Amplified

#### **IM SAFE**

**I**llness  
**M**edication  
**S**tress  
**A**lcohol  
**F**atigue  
**E**motion, eating, excrement

#### **BEST**

**B**ookwork  
**E**xperience  
**S**yllabus/plan  
**T**hink

### Aircraft Amplified

#### **TAPE-V**

**T**ransponder - 24 months  
**A**nnual - 12 months  
**P**itot/static/altimeter - 24 months (IFR only)  
**E**LT - 12 months  
**I**  
**V**OR - 30 days (IFR only)

Day VFR:

**TOMATO FLAMES**

- Tachometer
- Oil pressure gauge
- Manifold pressure gauge
- Airspeed indicator + altimeter
- Temperature gauge (liquid cooled)
- Oil temperature gauge

- Fuel gauges
- Landing gear position indicator
- Anticollision lights
- Magnetic direction indicator
- Emergency locator transmitter
- Seat belts + shoulder harness

**ARROW**

- Airworthiness certificate
- Registration certificate
- Radio license (if operating outside USA)
- Operating handbook (POH/AFM)
- Weight and balance/Equipment list

Night: TOMATO FLAMES + APES

**APES**

- Anticollision lights
- Position lights
- Energy source
- Spare fuses

**IFR**

Day: TOMATO FLAMES + TEACHAR  
Night: TOMATO FLAMES + APES + TEACHAR

**TEACHAR**

- Turn coordinator
- Energy source of adequate capacity
- Attitude indicator
- Clock
- Heading indicator
- Altimeter adjusted for barometric pressure
- Radio/nav. equip. appropriate to ground facilities

Environment Amplified

**ORBIT**

- Overview [consult charts, A/FD, other general info.]
- Route [plot course, identify alternate, MSA, airspace, etc]
- Briefing [weather, briefing FSS, NOTAMS, TFR's, etc]
- Itinerary [nav. log w/ courses, ✓pts, altitudes, freq., etc]
- Tell [prepare and file flight plan]

**DF WRAP**

- Delays
- Fuel requirements
- Weather
- Runway lengths
- Alternates
- Performance

Necessary 9

- TFRs
- Synopses
- Adverse WX
- FOG
- Density Altitude
- Ceiling
- Visibility
- Surface Wind
- Winds Aloft

External Factors Amplified

**CARE**

- Consequences
- Alternatives
- Reality
- External pressures

**TEAM**

- Transfer
- Eliminate
- Accept
- Mitigate