



# Preflight Briefing

v24.6



Limit 15 min MAX

# IMSAFE

- Overview
  - Departure / Routing / Destination
  - Altitudes / Estimated Timeline (ETA, ETE)
- NOTAMS
- Weather / Adverse Conditions
- TFRs / Special Use Airspace
- Alternates / Emergency Airfields
- Takeoff & Landing Distance
- Ops Notes Reviewed

- Tail Number / Callsign
- Maintenance Status
- Hours Verified
- **Reservation Dispatched in Flight Circle**

- Who is Legal PIC
- Who is Acting PIC
- CFI: User Flight Circle Profile Reviewed / Complete

**REFER TO FLIGHT CIRCLE COMPLIANCE CHECKLIST**

- Experience
- Passenger Expectations
- Physiological / Mental Concerns

\*As Necessary

- GPS Operation
  - RAIM Check / WAAS
- Autopilot
- ADS-B
- Electronic Flight Bag

\*As Necessary

# Crew Resource Management

---

- Hazard Avoidance / Clearing
- Sterile Flight Deck
- 3-Way Positive Transfer of Controls
- Who has Radio Control



- Ground Egress Procedures
- Physiological (Airsickness / Dehydration)
- Bird Avoidance
- Radio Failure
- Spatial Disorientation

	1	2	3	4	5	Rating
<b>Pilot</b>						
<b>Experience (Hrs TT)</b>	> 1500	500-1500	300-500	100-300	< 100	
<b>Recency (90 days)</b>	> 20 Hours	15-20 Hours	10-14 Hours	5-9 Hours	< 5 Hours	
<b>Time in Model</b>	> 400 Hours	300-400 Hours	200-300 Hours	100-200 Hours	< 100 Hours	
<b>Currency</b>	VFR + IFR		VFR Only		Non Current	
<b>Emotional Condition</b>	Excellent	Good	Average	Poor	Unacceptable	
<b>Aircraft</b>						
<b>Fuel Reserves</b>	Exceeds		Meets		None	
<b>TOLD Performance</b>	Within Limits		At Limits		Outside Limits	
<b>Equipment</b>	GPS + ADS-B	GPS	VOR Only	Minimum Req'd	Does Not Meet	
<b>enVironment</b>						
<b>Airport(s) &amp; Routing</b>	Familiar		Unfamiliar			
<b>Weather (+1 hr ETA)</b>	VFR		MVFR	IFR	LIFR	
<b>Airspace</b>	D / E / G		Complex (B/SFAR)			
<b>Runway Condition</b>	Dry / Hard / Long	Dry / Hard / Short	Dry / Soft / Short	Wet / Hard / Short	Wet / Soft / Short	
<b>Lighting</b>	RWY + TWY		RWY Only		None	
<b>Terrain</b>	Flat / Populated		Flat / Sparce		Mountainous	
<b>External Pressures</b>						
<b>Delays / Diversions</b>	None		Inconvenient		Not Possible	
<b>Alternate Plans</b>	None		Inconvenient		Not Possible	
<b>Personal Equipment</b>	Emergency Kit		Cell Phone Only		None	
<b>Total Risk Rating →</b>						

Ref: PHAK Chap 2 - PAVE Checklist



Risk Rating	
16-33	<b>Risk within normal parameters.</b> Do not take unnecessary risk and examine your own personal minimums.
34-55 or any 5 rating	<b>Elevated Risk.</b> Take extra time to plan your flight. Carefully analyze and mitigate all risks. Delay any flight that exceeds your personal minimums until conditions improve.
56-80 or any two 5's	<b>High Risk.</b> Take extra time to plan and mitigate all risks and ensure regulatory compliance. Delay or cancel the flight if you cannot reduce risks to acceptable levels.

# Daily Discussion Items – PVT/COM

Date	System Review	General Knowledge	Emergency Procedures - 1	Emergency Procedures - 2
1	Vacuum	Airport Signs and Markings	Forced Landing > 3000A	Spin Recovery
2	Pitot-Static	Chart Symbolology	Engine Fire During Start	Power Loss After T/O < 1000A
3	Electrical	Weather Reports	Electrical Fire In Flight	Electrical Failure
4	Fuel	FAR / AIM	Engine Failure During T/O	Loss of Fuel Pressure
5	Environmental	Nat'l Airspace System	Engine Fire in Flight	High Oil Temp
6	Brakes	Any CRM Topic*	Cleaning Fouled Spark Plugs	Power Loss After T/O >1000A
7	Landing Gear	Performance / Limits	Landing with a Flat Main Tire	Vacuum Failure
8	Propeller	Airworthiness Reqmts	Smoke in Cabin	Loss of Oil Pressure
9	Engine	Illusions / Human Factors	Lost Communications	Alternator Failure
0	Carburetor	Weather Theory	Inadvertent Icing Encounter	Engine Roughness

\*Reference: Playbook Ch 11

**PRE SOLO REQUIREMENTS**

# Daily Discussion Items – IR

Date	Systems Review	General Knowledge	IR Emergency Procedures
1	Electrical + TC	Airport Signs and Markings	Hypoxia
2	Airspeed Indicator	Chart Symbology	Lost Comms in IMC
3	Vacuum	Weather Reports	Partial Panel Ops
4	Altimeter / VSI	Airman Certification	Visual Illusions
5	Anti / De-Icing / FIKI	Arrival Procedures	Alternator Fail in IMC
6	GPS	Holding	Pitot Static Blockage
7	WAAS	Instrument Appr Procedures	Loss of Situational Awareness
8	ADS-B	Circling	Inadvertent IMC
9	Mag Compass Errors	Airworthiness Reqmts	Inadvertent T-storm Encounter
0	VOR / ILS / DME	Departure Procedures	Inadvertent Icing Encounter