



# Preflight Briefing

v24.3



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
- Aircraft Dispatched

- Legal PIC
- Acting PIC
- CFI: [Flight Circle Profile Compliance Review](#)



(Click Here)

- Experience
- Passenger Expectations
- Physiological / Mental Concerns

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

\*As Necessary

# Crew Resource Management

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



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

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

Ref: PHAK Chap 2 - PAVE Checklist



<b>Risk Rating</b>	
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	GK Topic	EP-1	EP-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	ADM and RM	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

\*Pre-Solo Requirement

# Daily Discussion Items – IR

Date	System	GK Topic	Emergency
1	Electrical + TC	Airport Signs and Markings	Hypoxia
2	Airspeed Indicator	Chart Symbolology	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