

PAVE

Pre-flight Risk Management

<u>P</u>ilot	<ul style="list-style-type: none">- Qualifications- Currency & Proficiency- Aeromedical (IM SAFE)
<u>A</u>ircraft	<ul style="list-style-type: none">- Performance (Fuel, TOLD, W&B)- Equipage (System Redundancy, Autopilot for IFR , INOP Equipment)
<u>e</u>nVironment	<ul style="list-style-type: none">- Weather- Terrain- Facilities (Airports, Runways, Approach Aids)- Airspace, ATC, & Other Aircraft- Night Operations
<u>E</u>xternal Pressures	<ul style="list-style-type: none">- i.e. "Get-there-itis," Business Obligations

The PAVE checklist provides a means to identify hazards using four convenient hazard "buckets." Using all four checklist categories before a flight captures most hazards normally encountered.

SOURCE:
FAA-H-8083-2A, Risk Management Handbook [2022]

IM SAFE

Pre-flight Risk Management (Pilot)

<u>I</u>llness	- Symptoms or on-going sickness?
<u>M</u>edication	- Prescriptions or over-the-counter drugs? - Check FAA OTC site <small>[https://www.faa.gov/pilots/medical_certification/medications]</small>
<u>S</u>tress/Emotion	- Significant life situations or events?
<u>A</u>lcohol	- Any drinks within previous 8 hrs? - § 91.17 Alcohol or drugs <small>[https://www.ecfr.gov/current/title-14/section-91.17]</small>
<u>F</u>atigue	- Sleepiness? - Acute or chronic fatigue?
<u>E</u>ating	- Proper nutrition and hydration?

The IM SAFE checklist can help a pilot identify aeromedical hazards to flight.

SOURCE:
FAA-H-8083-2A, Risk Management Handbook [2022]

WANTS

Pre-flight Planning & Step Brief

- WWeather** - Current & Forecast (Departure, Arrival, Enroute)
- Activate Flt Plan** - File prior, call to activate when airborne
- Alternate?
- NOTAMs/TFRs** - Check - Departure, Arrival, & Enroute
- Special Use Airspace (SUA) enroute?
- TOLD** - **TakeOff & Landing Data**
- W&B, Takeoff & Landing Roll Distances
- Takeoff/Abort Decision Points
- SID/SOF/Self** - **Standard Instrument Departure** (or other departure procedures/restrictions)
- **"Supervisor Of Flying"** - Notify spouse/family
- Self - Use bathroom & gather personal gear

A quick, final checklist to ensure we've covered all of our bases before stepping into the aircraft to begin the flight.

SOURCE:

U.S. Air Force training & best practices