

What is Risk Management - A process that helps organizations identify and reduce the likelihood of potential threats and dangers

Examples of everyday Risk management - Checking weather, Preflight, running checklist etc

PAVE

Pilot - IMSAFE

Aircraft - ARROW/AVIATES

VEnViroment - NWKRAFT

External Pressure

Or

5 P's

- **Plan:** Consider the flight's route, weather, fuel, and any events that could affect it
- **Plane:** Consider the plane's pre-flight and airworthiness
- **Pilot:** Consider the pilot's current situation, such as how they are feeling and doing
- **Passengers:** Consider if passengers are comfortable and know what to do, such as where the air vents are and when they can speak to the pilot
- **Programming:** Consider the programming ^

3-P Model

- **Perceives** the given set of circumstances for a flight.
- **Processes** by evaluating the impact of those circumstances on flight safety.
- **Performs** by implementing the best course of action.

FRAT Resource - APP

Risk Assessment Matrix				
Likelihood	Severity			
	Catastrophic	Critical	Marginal	Negligible
Probable	High	High	Serious	Medium
Occasional	High	Serious	Medium	Low
Remote	Serious	Medium	Medium	Low
Improbable	Medium	Medium	Medium	Low

Source: NBAA FRAT ([link below](#))

HAZARDOUS Attitudes

Hazardous Attitude		Antidote
Anti-Authority "Don't tell me what to do!"	→	Follow the rules— they are usually right.
Impulsivity "Do something quickly!"	→	Not so fast! Think first.
Invulnerability "It won't happen to me!"	→	It could happen to me.
Macho "I can do it!"	→	Taking chances is foolish.
 Resignation "What's the use?"	→	I am not helpless; I can make a difference.

600 x 375

CASE STUDY Accident Case Study: Hazardous Attitudes