

EXTERNAL PRESSURES

External pressures are the most significant of all risk factors; they tend to ...

Make you ignore or minimize all other risk factors

Make you keep on going when you should be changing your plans

You are susceptible to your own goal-oriented behavior ...

Keep that behavior in mind

Manage the pressure to continue

Use **CARE** to Manage In-flight Risks

Remember: Flying is Dynamic

- You grow more fatigued
- Your airplane changes in-flight (weight & mechanical problems)
- Terrain changes
- Desire to continue with original plan increases as you get closer to destination

Use an Attention Scan

- Be aware of subtle changes during flight
- Be aware of the significance of any changes affecting you and your flight
- Manage risks in flight by dealing with changes as they occur

Use Strategies to Relieve Your Workload

- Use your autopilot
- Master your GPS on the ground
- Prepare early for future events

Ask Yourself

- What does this mean to me and my flight?
- Would I do this with 150 paying passengers on board?

Have a fun and safe flight!

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FOR SMART, SAFE, FUN FLYING™

USE CARE IN THE AIR

Think...

CONSEQUENCES
ALTERNATIVES
REALITY
EXTERNAL
PRESSURES

Pilot: _____



CONSEQUENCES

Think through the consequences of ...

- What is about to happen next
- Your next decision

The things that change in flight are the same PAVE risk factors ...

Pilot

- More fatigued
- Less patient, flexible, adaptable

Aircraft

- Less fuel
- Possible mechanical issues

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- Weather
- Wind
- Terrain
- Daylight

External Pressures

- Goal-oriented behavior intensifies

REMEMBER THE CUMULATIVE EFFECT

If two or more risk categories are marginal ...

- Land instead of continuing to destination



ALTERNATIVES

Always have an alternative course of action ...

Many possible reasons why you shouldn't continue:

- Pilot or passenger physiology
- Aircraft malfunctions
- Weather

Be flexible

- Anticipate that things won't go exactly as planned
- Figure out as many alternatives as possible

Range of alternatives gets smaller as flight progresses ...

- Less fuel
- Reduced pilot's energy

As you get closer to your destination ...

- Think more and more about alternatives
- Retain at least one alternative course of action



REALITY

Deal with things as they are, not just as you had planned them to be ...

Has the weather changed?

- At your destination
- At your alternate
- En route

Do you have a defect with your aircraft?

- Engine
- Fuel system
- Avionics
- Lights

Is your groundspeed/fuel situation different than planned?

When things have changed ...

- Assess the consequences
- Decide what to do
- Do it