

Safety Briefing

21 April 2010

Col James H. Kasler Senior Squadron

Civil Air Patrol

GLR-IN-069

Safety Briefing Topics

- Thunderstorms
- April 2010 Issue of “CALLBACK”: Operations at Uncontrolled Fields
- *The Sentinel Review*

Thunderstorms

It is that time of year, again, and Mother Nature is still “Bi-Polar”!

Even on her “good mood”, sunny, “clear weather” days, she can get explosively angry and change into the wicked witch of the west very quickly.

Thunderstorms

On her mean side is the Thunderstorm, in which she packs all kinds of “weather”.

- Tornadoes
- Turbulence & Wind Shear (as far as 20 miles from storm!)
- Icing
- Hail, especially under the anvil of the storm (but has been observed several miles from the storm, in clear air)
- Rapidly changing pressure, thus rapid changes to Altimeter Setting – can easily end up 100' off if not changed
- Lightning – Rarely a major hazard, but high frequency is indicative of a severe storm

Thunderstorms

Hazard Mitigation:

- DON'T fly in or near ANY thunderstorm. All thunderstorms are dangerous.
- **Maintain a minimum of 20 miles from any known or suspected thunderstorm.** Assume that the most intense echoes on the radar are thunderstorms.
- Use weather radar to AVOID (not penetrate) a storm and aid in maintaining a safe distance. However, keep in mind the lag time between the time the radar image is taken and the time you are looking at it in the cockpit.
- Don't land or take off in the face of an advancing thunderstorm.



**I TOOK A HOP ONE AFTERNOON
TODAY I LIVE TO SAY
NO MATTER HOW THE WEATHER LOOKS
I'LL CHECK IT ANYWAY**

PVT.
GREAVES
PUBLIC RELATIONS
V.A.F.S.

Operations at Non-Towered Fields

NASA's April 2010 issue of "CALLBACK"

This month's issue, focuses on hazards at "non-towered" (aka uncontrolled) airports. Read it at:

http://asrs.arc.nasa.gov/publications/callback/cb_364.html

Themes include:

- Use, non-use, or improper use of Common Traffic Advisory Frequency (CTAF)
- IFR vs VFR traffic
- Fixed Wing vs Rotary Wing aircraft – also includes rushing through procedures
- Incorrect radio frequency
- All examples show poor communication

The Sentinel, April 2010

Read it at:

http://members.gocivilairpatrol.com/media/cms/Sentinel_2010_04_CE7FD078D6B25.pdf

Topics:

- Safety – A View from a Mom
- Threat and Error Management in GA
- Emergency procedures from POH
- Mishaps
- Safety Vests
- Hear Our Thoughts, Hear Our Experiences

Code Word

Mother Nature

For those reading this briefing on-line: To receive credit for reviewing the briefing, please copy and paste the following into an email, filling in the appropriate blanks, and send to jimbuist@yahoo.com

I have read and reviewed the April 2010 Safety Briefing for James H Kasler Senior Squadron, CAP unit GLR-IN-069, including opening the included Internet hyperlinks for review.

Code word: _____

Name: _____

CAPID: _____