

Redstone Flying Activity



**Safety Meeting
March 2015**

**Flight Plans and
Survival**

Flight Plan Guidance

- AIM Guidance

- AR

The Process

- Log in and Enter W & B data
- Print the Flight Plan Form
- Fill out Realistically:
 - Route
 - Time Enroute (TO to LDG)
 - Destination

The Process (Cont)

- File with LMFSS **

- Weather Brief **

- NOTAMS, TFR's **

****Many options on these actions with LMFSS Automated System and Other providers**

The Process (Cont)

- Fax the Flight Plan to Redstone Flight Operations
- Activate the flight Plan Prior to Take-off
- Cancel the Flight Plan After Landing

Errors and Omissions

- **Forget to Fax Copy to Operations**
- **Forget to or unable to activate prior to departure**
- **Inaccurate Data On plan**
 - **Route**
 - **Destination**
 - **Flight Time**
 - **Fuel on Board**
 - **Contact Information**

How Important is It?

- Search and Rescue (SAR) notification and Time-To-Rescue is greatly affected by:
 - Confirmation that aircraft is really missing!
 - Actual Route
 - How long the aircraft is airborne
 - Was there a 406 MZ ELT Activated
 - Was The Aircraft in Radar Contact

FAA Reference to USAF -SAR Statistics

- **Search and Rescue Average Response**
 - **Instrument Flight Plan**
 - **1.5 hours -Notification to initiate Search - Rescue Completed in 11.5 hours**
 - **VFR Flight Plan**
 - **4 hours to initiate Search - Rescue Completed in 18 hours**

FAA Reference to USAF -SAR Statistics

Search and Rescue Average Response No Flight Plan

- **18 hours -Notification to initiate the search**
- **More than 60 Hours to Rescue**
- **Exposure mortality is greater than 95% if rescue is longer that 51 hours**

Accident Facts to Consider

- 4 of 5 General Aviation Accidents are initially survivable
- 75 % of Emergency landings result in injuries
- Head Injuries are common from impact on yoke and unsecured flying objects
- Injuries to arms/legs back from impact
- Survival odds are about 60% if rescue occurs within 8 hours.







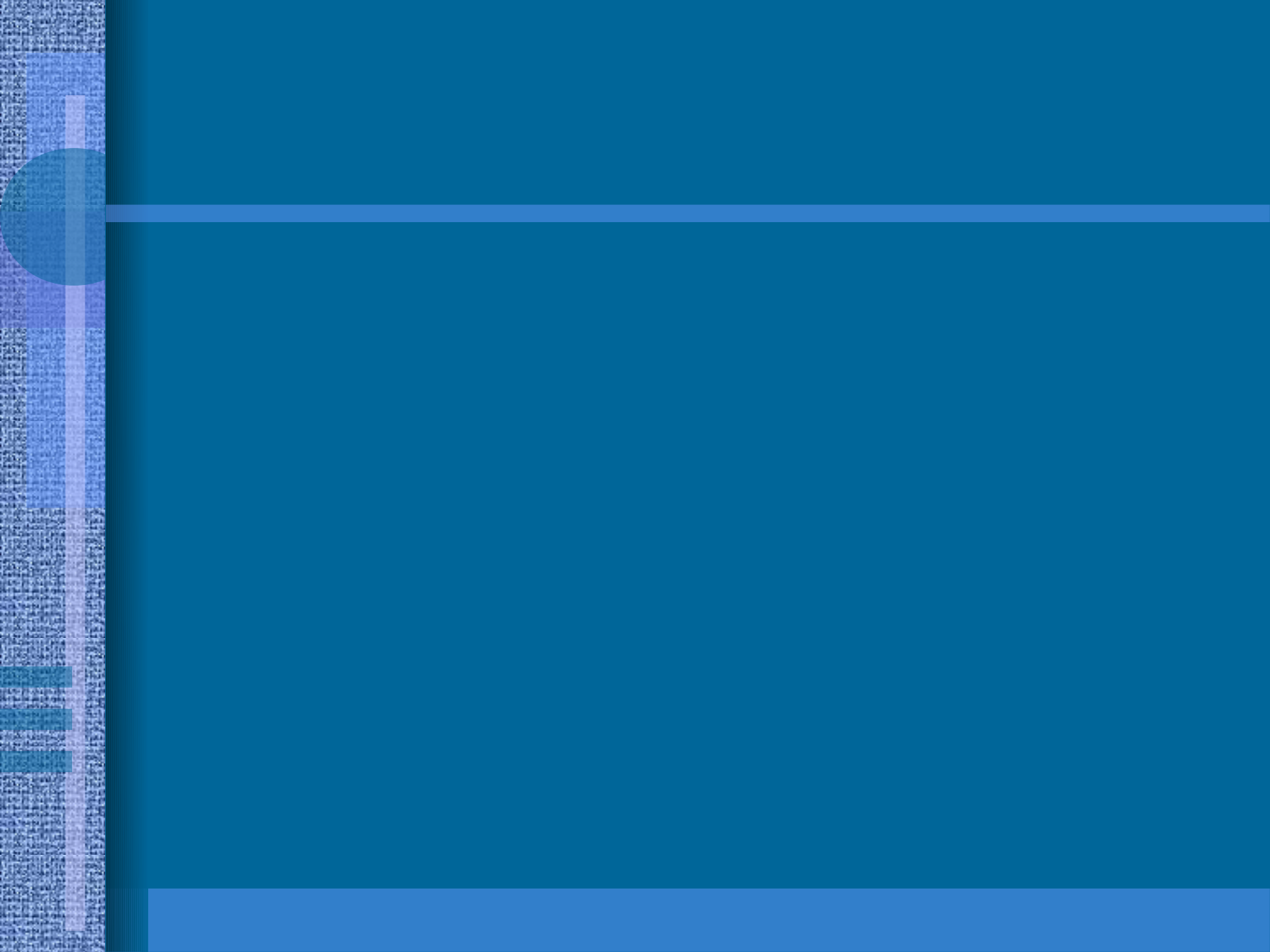


Situational Awareness

- **Be sure you activate your flight plan**
- **Make sure:**
 - **Your flight time duration accurate**
 - **Your Contact Information is correct**
 - **Your Route/Destination are accurate**
 - **Always use Flight Following**
 - **Carry at least basic survival kit**
- **If emergency landing is, activate ELT**

Minimum Survival Gear

- Cell phone backup charger
- Knife
- Space Blanket
- Medical Kit
- Flashlight
- Matches/Fire starter



Redstone Flying Activity

