

# The National FAA Safety Team Presents

## Topic of the Month – February GA Survival

Presented to: EAA Chapter 1467 – Tree Top Flyers  
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Date: February 16, 2025

**Produced by:**  
**The National FAA Safety Team (FAASTeam)**

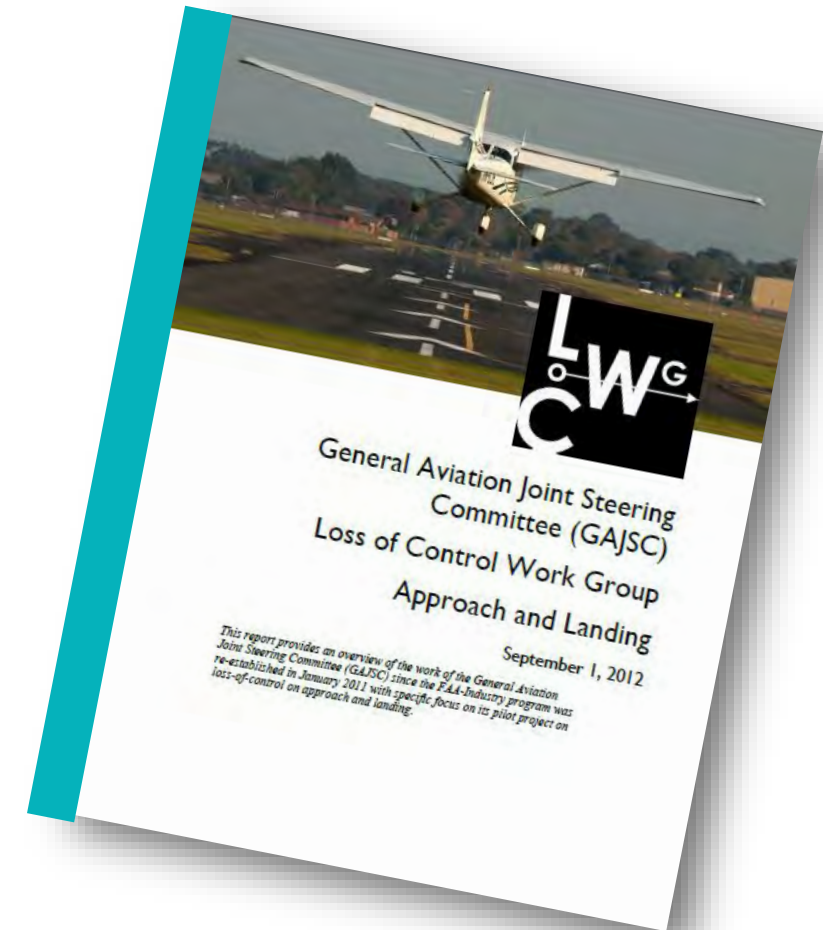


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# Overview

- **GAJSC \* Recommendations**
- **Survival Training**
- **Survival Technologies**
- **Survival Techniques**

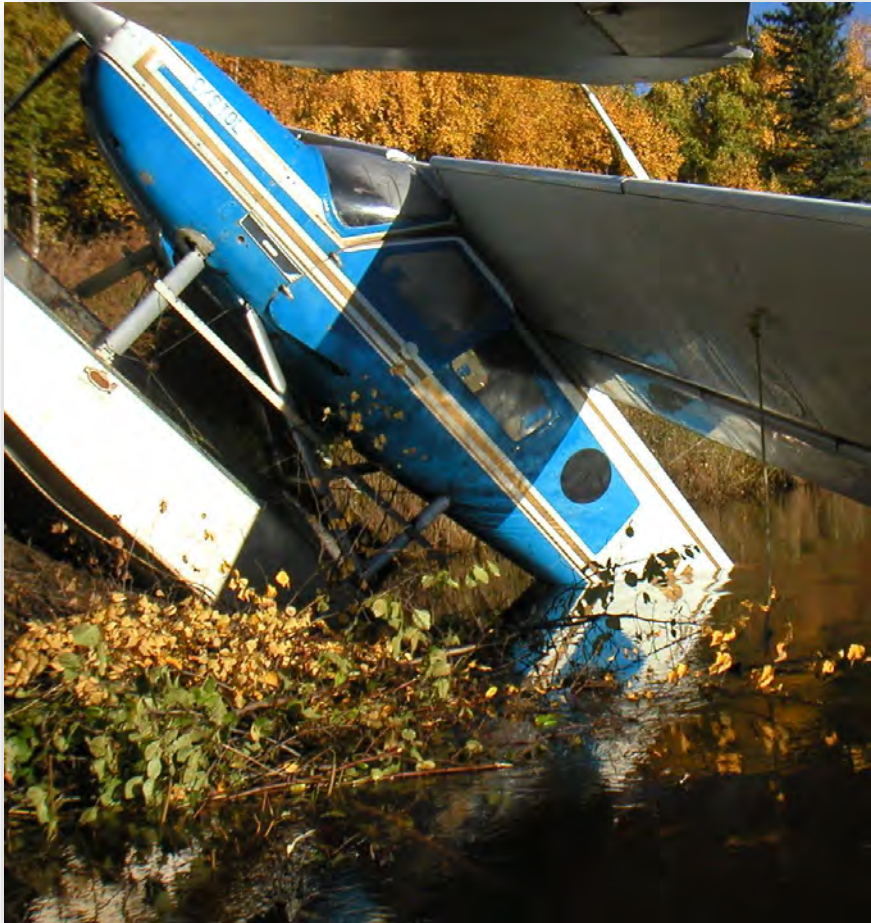


\* **General Aviation Joint Safety Committee**



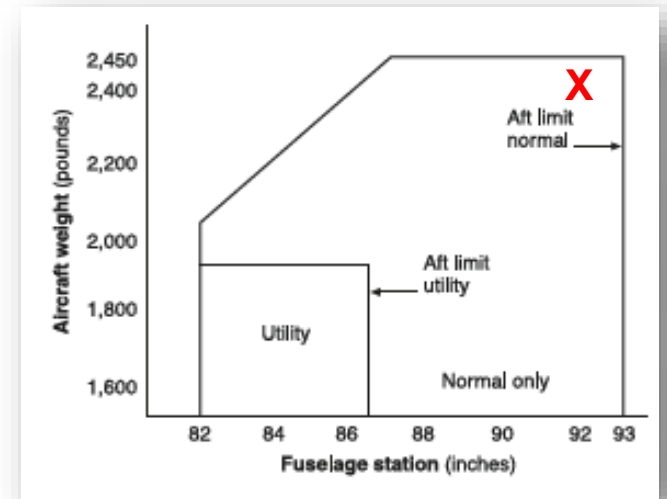
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# It can happen quickly

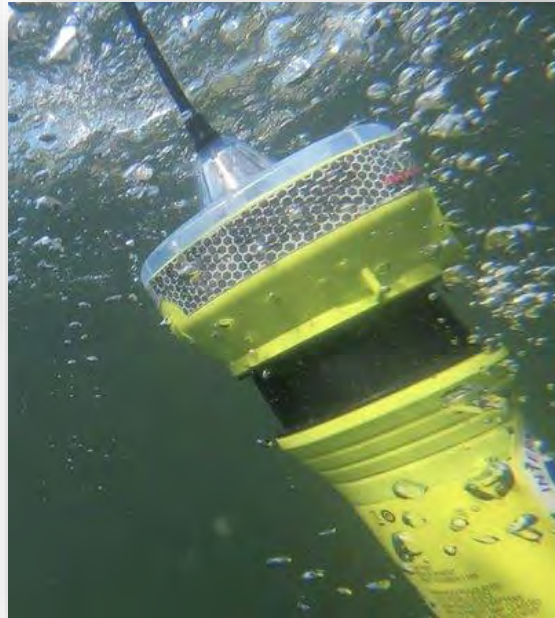


# Research the requirements

- Over water equipment
- Survival gear
- Weight & balance calculation



# Rent or own



# File a Flight Plan

- Leave an itinerary with a trusted agent

FLIGHT PLAN		(FAA USE ONLY) <input type="checkbox"/> PILOT BRIEFING <input type="checkbox"/> VNR		TIME STARTED	SPECIALIST INITIALS
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION					
<input type="checkbox"/> STOPOVER					
1. TYPE	2. AIRCRAFT IDENTIFICATION	3. AIRCRAFT TYPE / SPECIAL EQUIPMENT	4. TRUE AIRSPEED	5. DEPARTURE POINT	6. DEPARTURE TIME
<input type="checkbox"/> VFR					PROPOSED (Z) ACTUAL (Z)
<input type="checkbox"/> IFR					
<input type="checkbox"/> DVFR			KTS		
7. CRUISING ALTITUDE					
8. ROUTE OF FLIGHT					
9. DESTINATION (Name of airport and city)		10. EST. TIME ENROUTE		11. REMARKS	
		HOURS	MINUTES		
12. FUEL ON BOARD		13. ALTERNATE AIRPORT(S)		14. PILOT'S NAME, ADDRESS & TELEPHONE NUMBER & AIRCRAFT HOME BASE	
HOURS	MINUTES				
				17. DESTINATION CONTACT/TELEPHONE (OPTIONAL)	
16. COLOR OF AIRCRAFT		CIVIL AIRCRAFT PILOTS. FAR Part 91 requires you file an IFR flight plan to operate under instrument flight rules in controlled airspace. Failure to file could result in a civil penalty not to exceed \$1,000 for each violation (Section 901 of the Federal Aviation Act of 1958, as amended). Filing of a VFR flight plan is recommended as a good operating practice. See also Part 99 for requirements concerning DVFR flight plans.			

CLOSE VFR FLIGHT PLAN WITH \_\_\_\_\_ FSS ON ARRIVAL

## Itinerary – N2003K

Date-Purpose	Depart	Arrive	Status Msg.
Jun 9-Resupply	PAMR 1600	Camp 1 1700	
Resupply Overnight	Camp 1 1715	Camp 2 1720	1800
Jun 10-Resupply	Camp 2 0730	Camp 3 0915	0930
Site Surveys	Camp 3 1000	Camp 3 1200	1230
Site Surveys Overnight	Camp 3 1300	Camp 3 1700	1800
Jun 11 - RTB	Camp 3 0730	PAMR 0900	



# 406 MHz PLBs



# Know your aircraft!

- **Seatbelt / Shoulder harness**



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# Question:

**Why is how my seatbelt works important?**

# Answer:

**You may have to exit the aircraft quickly during a high-stress event.**



# Buckle Placement:



# Why am I holding on to my seat?



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Save 60 % !



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# Speaking of seat belts



# Are you feeling lucky?



# Dress for Success

- In an emergency, what you have in your pockets is survival equipment. What you have in the baggage compartment is camping gear.



# In your pockets





# Dress for Success

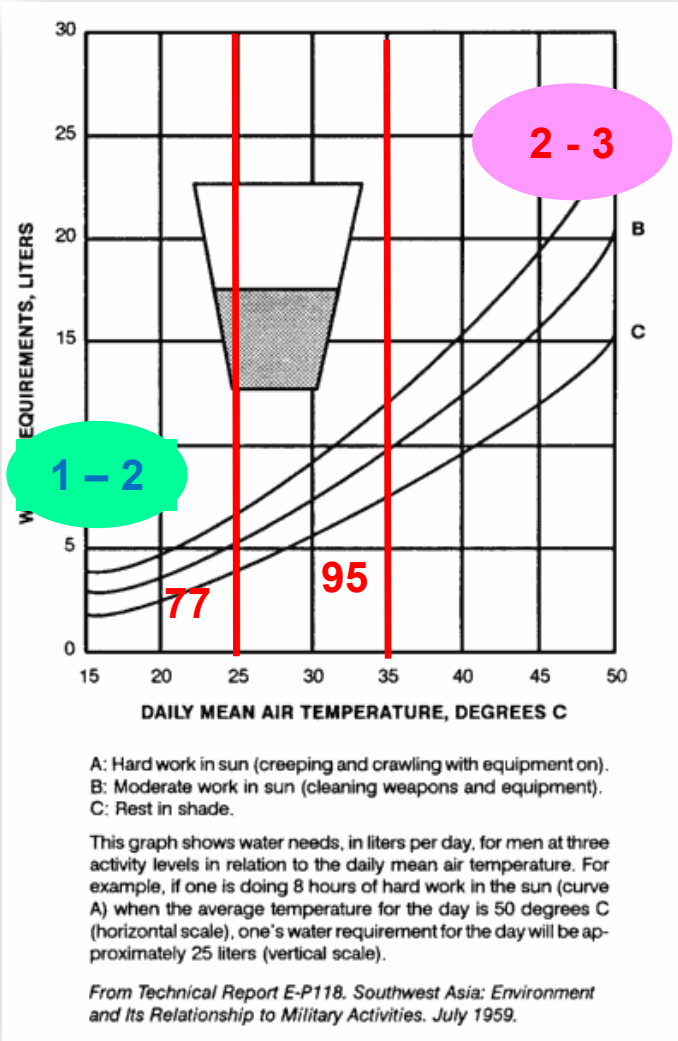


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# Hot issue



# What about water?



# Water



25 Lb / Day  
/Person



# Water



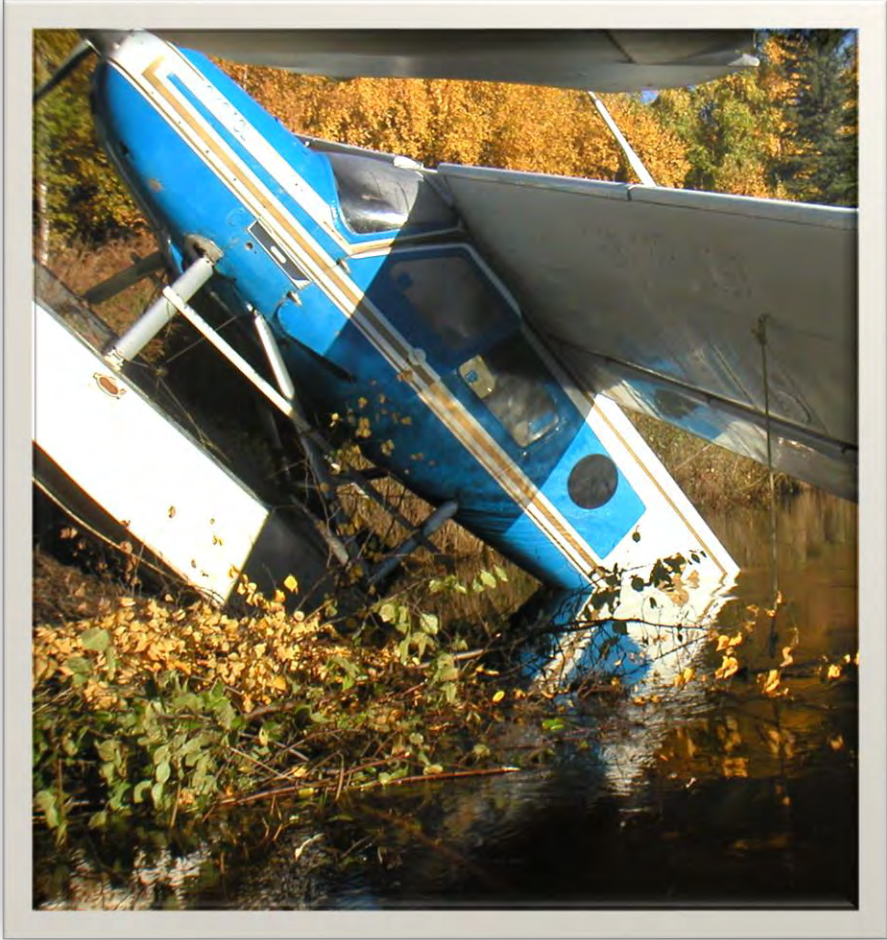
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# Fuel for the body:

- Peanut butter
- “Slim Jims” or Beef Sticks
- Ramen noodle soup
- Chocolate bars
- Hard candies/Honey
- MREs – no water needed
- Survival ration bars
  - You can live on them but.....



# OK, I'm out - now what?



# Now What?

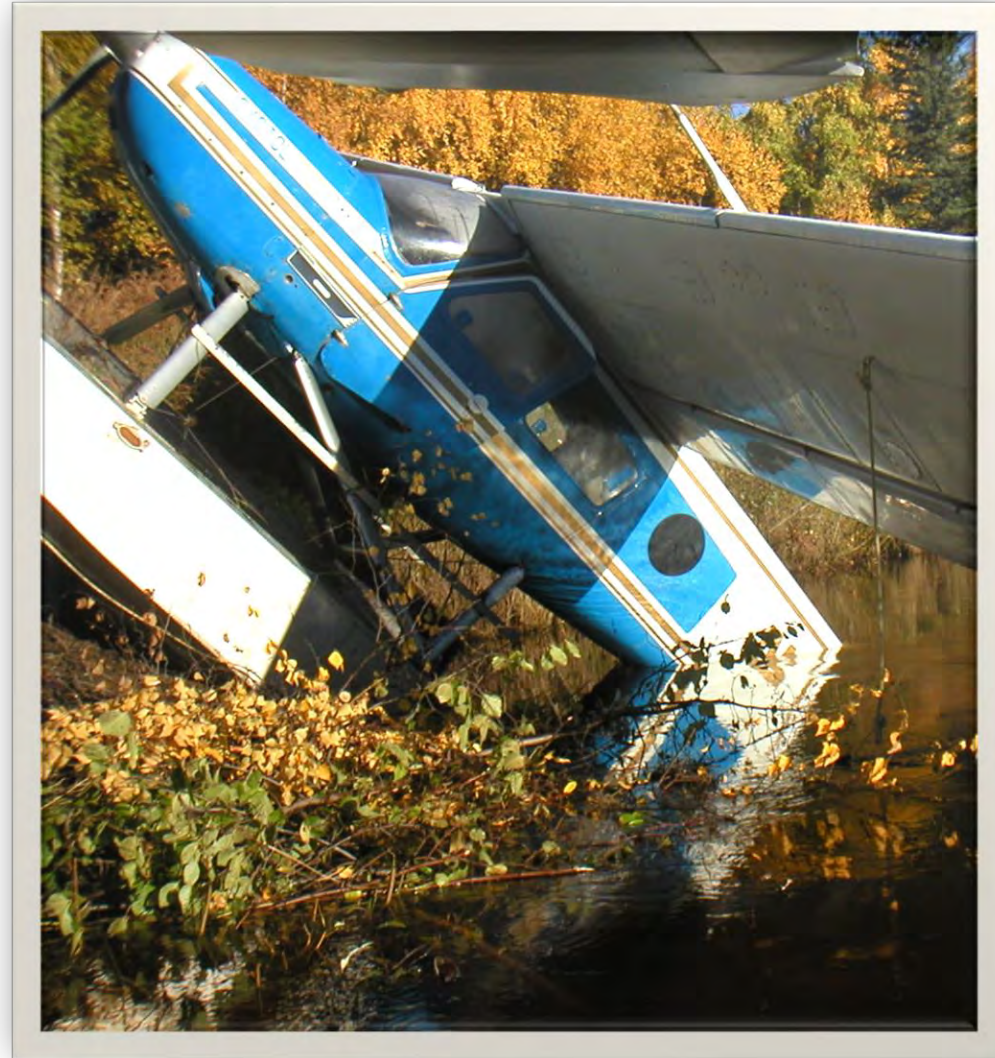


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# Survival Limits

- **3 Minutes**
  - Air
- **3 Hours**
  - Shelter
- **3 Days**
  - Water
- **30 Days**
  - Food



# The First 5 Minutes

- **Exit & Count noses**
- **Check for breathing, bleeding & injuries**
- **Activate ELT**
  - Emergency Locator Transmitter
- **Activate PLB**
  - Personal Locator Beacon
- **Make a phone call**
  - Cell or Satellite
    - Tail Number, location, souls, injuries, survival time & call back time



# The First 5 Hours

- Create shelter



# The First 5 Hours

- **Create shelter**
- **Reassess and treat injuries**
- **Inventory supplies**
- **Organize camp site**
- **Build a fire**
- **Make another phone call**



# The First 5 Days – a Waiting Game

- **Stay busy**
- **Assign work tasks**
  - Stand watch
  - Carry water
  - Home improvement
  - Fish, hunt

Sun	Mon	Tue	May Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	X	X
X	X	X	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



# The most important survival asset

- **Tops every survivor's list**
- **The prime success determiner in survival situations**
- **Weighs nothing**
- **Always available**



# The will to survive



# Want to learn more?

- **Civil Aerospace Medical Institute (CAMI)**
  - *Basic Survival Skills for Aviation*
  - <https://tinyurl.com/24v9v6v4>
  - *Basic Survival Training*
  - <https://tinyurl.com/azmvfcvf>





# Questions?

- **South Caroline FSDO**
  - (803) 451 - 2640
- **ROC**
  - (404) 305 - 5180
- **FAASTeam Rep/DPE**
  - (803) 298 - 9175
  - [jr@j3dpe.com](mailto:jr@j3dpe.com)



# Safety Tip

## Practice

- Stalls & slow flight
- Flight training maneuvers
- Takeoffs & Landings
- Instrument Maneuvers



# Thank you for attending

- You are vital members of our GA safety community

