



PRESS RELEASE

Contact: Bill Schroeder, MSc, FAA Aviation Safety Counselor, NAFI Master CFI (530) 520-5907

Alt Contact: Steve W. Schroeder, Synergy Communications, 775-354-1589
www.flightsafetycounselor.com

FOR IMMEDIATE RELEASE
December 28, 2005

Mountain Flying Survival Tips and Emergency Uses of Aircraft Parts

Page 1 of 4

"If I crashed in the mountains the first thing I would do is pour fuel on my tires and burn them, the black smoke would act as a locator signal," said Bill Schroeder, mountain flying instructor.

Did you know that airplane disc brake plates could be used as signaling devices? How about a nose cone spinner as a bucket or cooking pot? How about a landing light cover as a fire starter? How about a propeller as a shovel or snow-cutting tool or a rotating beacon lens as a drinking cup? Below is a list of the uses of airplane parts that can help you survive in the mountains if you crash.

Bill Schroeder, a Northern Nevada resident and 40 year veteran pilot with over 8900 hours of flight time has developed a web site to meet the needs of pilots flying primarily into, through and around the inter-mountain areas of the western United States.

For pilots who are about to fly into the mountains for the first time, www.flightsafetycounselor.com will provide information that can assist the pilot in developing a flight plan that will make the mountain flying experience both pleasurable and successful.

For more information about mountain flying safety, survival tips and winter safety checklists, flying in severe weather, icing conditions and considerations for general flight safety or mountain flying lessons log on to: www.flightsafetycounselor.com

Survival Kit

Below are recommendations for a pilots survival kit. Be aware of your aircrafts performance ratings and gross weight restrictions. Above all else water is most important.

Shelter	Fire/Signaling	Tools
1 Tube tent	5 Altitude flares	1 Swiss army knife
2 Space blankets	2 Day/Night flares	50' Nylon rope
	2 Orange smoke signals	1 small pliers
	1 Signaling Mirror	1 Hack say blade
	1 Whistle	2 Razor blades
	2 Small long-burn candles	
	25 Waterproof strike-anywhere matches	



Page 2 of 4

First Aid Kit	Water	Miscellaneous
Band-Aids Butterfly bandages Gauze Antiseptic pads Antiseptic cream Surgical tape Ace bandage Tweezers Ammonia inhalants Aspirin Salt tablets Anti-diarrhea tablets Throat lozenges Antacid Safety pins Facial tissues Insect repellent Sun Screen Snake bite kit	Containers Purification tablets Small sponge Food Tea bags Bouillon cubes Dry soup packs Granola bars Chewing gum	Compass Pencil and Pan Electrical tape Metal cup Garbage bags Survival book Pen light Zip lock bags

Emergency Uses of Aircraft Parts

Ailerons - snow cutting tools; shelter braces; splints

Air Filter - fire-starter material; water filter

Aluminum Skin- reflector for warmth around a fire; splint; signaling device; snow saw blade

Battery - signaling with lights; fire starter

Break fluid - fire starter

Charts and Maps - stuff inside clothing for insulation

Compass - oil for starting fire; direction finding

Control Cables - rope; snare wire; binding for shelter

Control Pulleys with Cable - block and tackle



Page 3 of 4

Disc Brake Plates - signaling devices

Doors - shelter; windbreak

Engine Cowl - shelter; water collector; windbreak; fire platform

Engine Mags - spark producers for starting fires

Engine Oil - fire starter; black smoke for signaling

Engine Gas - fire starter; fuel for stove; signaling

Fabric Skin - fire starter; water collector

Fuel Cells - use to melt snow on a black surface; black smoke for signaling; place on snow for signal to search and rescue planes

Fuselage - shelter

Hoses - siphon for water/gas/oil; burn for black smoke

Inner Tubes - canteen; elastic binding; black smoke signal

Interior Fabric - water strainer or filter; clothing; insulation; bandages

Landing Light Lens - fire starter

Landing Light, Strobes - use battery to signal at night

Light covers - utensils; small tools

Magnesium Wheels - signaling devices

Nose Spinner Cone - bucket; stove with sand, oil and fuel; scooping tool; cooking pot; funnel

Oil Filter - burn for black smoke

Propeller - shovel; snow-cutting tool; shelter brace

Rotating Beacon Lens - drinking cup

Rugs - ground pad; insulation, clothing



Page 4 of 4

Seats - sleeping cushions; back brace; fire starter; signal material; insulation; ground pad; rubber sponge for neck support

Seat belts - binding material; slings; bandages

Spring Steel Landing Gear - pry bar; splint

Tires - fire starter; fuel; black smoke

Vertical Stabilizer - shelter support; platform

Wheel Fairing - water storage; water collection; black smoke

Windows - shelter; windbreaks; cutting tools

Wings - windbreaks; shelter supports; overhead shade; platform for fire; water collector; signaling device; crutch

Wingtips - drip collectors; water carriers

Wiring - binding; rope

Wooden Wing Struts, Braces, Props - fire starter; fuel; pry bar; splint; shelter brace; flag pole

Bill Schroeder was the first Master Certified Flight Instructor in Nevada and has been flying in the Lake Tahoe/Sierra Nevada region for 30 years. He is the Chief Check Pilot for the Nevada Wing of the Civil Air Patrol and chief instructor of all mountain flying training courses. In addition, Bill serves as an FAA Aviation Safety Counselor for the Western Pacific Region out of the Reno Flight Standards District Office and is a member of the FAA National Instructor Safety Council. He holds a Master of Science Degree, ATP-ME, MEL, SEL, CFI and CFII. He gives private instruction in the Reno-Lake Tahoe area. He can be reached by e-mail at checkpilot@thegrid.net. You can view his web site at www.flightsafetycounselor.com

###