

ADVENTURE FLYING SERVICES LLC

2024 IDAHO BACKCOUNTRY RESERVATION INFO AND PROCEDURE

Thank you for your interest in our 2024 Idaho Backcountry Program. This document is intended to answer questions and provide guidance on how to make an Idaho reservation. Those interested in joining us should act quickly as we expect all available dates to book soon. We will only have forty training days available during our 2024 season.

The vast majority of our Idaho clients choose the Comprehensive Backcountry Training option. We recommend a four or five day reservation for those who are new to mountain/canyon flying and haven't flown with us previously. Returning clients, with experience in backcountry operations and the intended training aircraft, may find that three days is enough. Two day reservations are only accepted from those whose previous pilot and aircraft experience seem to align with focused training goals.

Our Idaho Backcountry Discovery option is a fixed-price option for those who want a meaningful introduction to mountain/canyon flying prior to making the training commitment necessary to be truly proficient and safe on their own. It's also a great option for those considering building or purchasing a Kitfox for backcountry use. Two or three clients choose this option each season.

To make a reservation you must first contact us by phone, text or email. We need to discuss your experience, goals and identify available training dates. Any interest in backcountry lodge stays should be addressed at that time. Once your training dates are identified and agreed to, we hold them for seven days pending receipt of your reservation form and deposit. If the deposit is not received within that timeframe, your reservation will be released to the next person in line.

Reviewing the documents included in the this PDF packet, along with other information available on our website, should give you a good understanding of what our Idaho programs are all about. Do not hesitate to call us soon with any other questions you may have. Our Idaho programs provide an adventure and training experience you will never forget.

Thanks again for your interest. We hope to talk and fly with you soon.

Fred Williams, CFI
Adventure Flying Services LLC

Phone or text: (208) 917-3664
Email: fred@advflying.com

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2024 IDAHO COMPREHENSIVE BACKCOUNTRY TRAINING TOPICS

Mountain Meteorology

- General circulation patterns
- Orographic effects
- Solar influences
- Mountain Waves
- Pressure patterns
- Haystack effect
- Mesas and canyons

Canyon Meteorology

- Diurnal effect
- Convergence effect
- Venturi effect
- Winds and turbulence

Aircraft Performance

- Preflight preparation
- Fuel planning
- Leaning the mixture
- Weight & balance
- Density altitude considerations
- Aircraft loading
- Important airspeeds
- “Intimate knowledge”
- Takeoff and landing performance
- Climb and cruise performance

Forced landings

- Terrain
- Weather and wind
- Pilot capabilities
- Aircraft capabilities

Flight Planning

- Resources
- Precautionary landings
- Forced landings

Emergency Procedures

- ELT and PLB
- Survival kit and survival training

Landing Areas

- Unimproved strips
- Short, soft, and rough strips
- Humps, dips, doglegs and sidehills
- Grass, long grass, wet grass
- Wildlife
- Other aircraft

Aircraft Operations

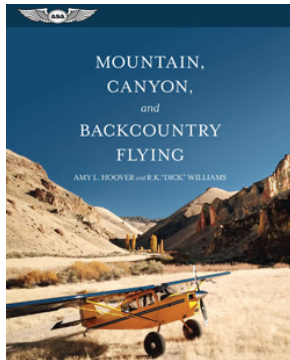
- Pre-flight planning
- Loss of control prevention
- Moose stalls
- Terrain flying
- Non-standard traffic patterns
- Canyon turns
- Constricted approaches
- Pre-landing checklists
- Stabilized mountain approach
- Takeoff and landing uphill and downhill
- Takeoff and landing with surface winds
- When not to land
- When not to takeoff
- Go-arounds
- Sun angle in high relief terrain
- Ground effect
- Use of flaps
- Communications
- Minimizing impact
- Taxi and ground operations
- Pilot etiquette
- Parking tips

Navigation

- Maps and charts
- Flying drainages
- Ridges and passes
- Route planning
- GPS -advantages and hazards

ADVENTURE FLYING SERVICES LLC

RECOMMENDED READING FOR BACKCOUNTRY PILOTS



Mountain, Canyon and Backcountry Flying

Authors: Amy L. Hoover, RK "Dick" Williams

The book includes preparing for and conducting mountain and canyon flights, en route and airport operations, situational awareness, aircraft performance, risk management, emergency operations, and more. There are none better.

<https://www.amazon.com/gp/product/1619547414/>



Emergency Maneuver Training

Author: Rick Stowell

"Rich Stowell has the unique ability to dissect complex topics in a way that all pilots can understand. His message is safety and his approach makes sense." - Rod Machado. We consider this an essential book in any pilot's library.

<https://www.richstowell.com/shop/books/book-emergency-maneuver-training/>



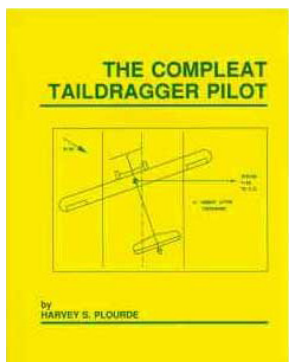
Learn to Turn

Author: Rick Stowell

Turning is a fundamental skill that is often poorly understood. Learn and practice techniques described herein to become a better pilot.

Free!

<https://advflying.com/learn-to-turn/>



The Compleat Taildragger Pilot

Author: Harvey S. Plourde

Our recommendation for new or experienced tailwheel pilots who may be struggling with concepts or technique. This book is widely regarded as one of the best on the subject.

<https://www.amazon.com/gp/product/0963913700/>

ADVENTURE FLYING SERVICES LLC

2024 IDAHO BACKCOUNTRY TRAINING CHECKLIST

PILOT CHECKLIST

- Pilot Certificate
- Current Medical Certificate
- Proof of current Flight Review - notify us in advance if you want a Flight Review
- Suggested flying 10 hours minimum within 30 days prior to our instruction

Wear comfortable shoes and clothing in layers suitable for a wide temperature range. A ball cap and sunscreen/protection recommended. Bring snacks, water and a lunch for each day.

AIRPLANE CHECKLIST (if your aircraft is to be used)

- Airworthiness Certificate
- Aircraft Registration
- Operating Specifications (POH)
- Current Weight and Balance
- Proof of current annual or 100-hour inspection (photocopies are OK)
- Proof of insurance, including liability coverage for instruction in your aircraft
- Shoulder harnesses installed for right front seat, or rear seat of tandem aircraft
- Intercom with PTT for non flying pilot seat
- First Aid Kit and survival gear
- Tiedown ropes and wheel chocks
- Window cleaner & towels

PREPARATION AND PRACTICE IF USING YOUR AIRCRAFT

- Remove wheel fairings prior to flying on unimproved strips in backcountry areas.
- Be familiar with the published V-speeds for your aircraft (Vx, Vy, Va, best glide, etc.)
- Practice slow flight and other proficiency maneuvers
- Practice short-field and soft-field takeoffs and landings.

READING: [Mountain, Canyon and Backcountry Flying](#) by Hoover and Williams

SYNOPSIS

We will be working closely together determine power settings, configurations and speeds appropriate for your aircraft. We will focus on enroute, approach, and departure operations in mountain and canyon areas to help you maximize precision, control, performance, and safety. Your training will be individually tailored to meet your needs, desires and enjoyment.

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2024 IDAHO COMPREHENSIVE BACKCOUNTRY TRAINING REGISTRATION FORM

Name	
Address	
City	
State	Zip
Phone	Mobile
Email	

Pilot Certificate/ratings you hold:

Private Commercial ATP Instrument CFI Pilot Certificate # _____

Total hours PIC _____ PIC hours last 12 months _____ Tailwheel PIC hours _____

Date of FAA Medical _____ Date of Last Flight Review _____

My Age: _____ My Weight: _____ My Height: _____

Would you like to include a Flight Review (BFR) to satisfy FAR61.56? Yes No

Train in AFS Kitfox Train in My Aircraft (aircraft information required below)

My Aircraft: Make/Model _____ Year _____ N# _____

Date Last Annual: _____ Hours in Make/Model: _____ Total _____ Last 12 months

Special Equipment (Engine, tires, STOL mods, etc): _____

Are you interested in combining with Backcountry Lodge stays? Yes No

My Requested Dates: _____

Training days usually begin by 7:30 AM and last five to six hours. They include flight and ground time as appropriate. Most clients choose three to five days for a comprehensive experience.

<input type="checkbox"/> 2 days: \$1600	<input type="checkbox"/> A 50% deposit is required to reserve your dates Make check payable to Adventure Flying Services LLC <i>Deposits will be refunded for those days in which AFS determines that weather, fire or flight restrictions prevent safe instruction. AFS is not responsible for other client costs incurred in the event instruction must be cancelled.</i>
<input type="checkbox"/> 3 days: \$2200	
<input type="checkbox"/> 4 days: \$2900	
Additional days: \$700 per day Kitfox Rental: \$190 per hour (Hobbs) *Fuel surcharges may apply. See website.	

Return completed form and deposit to:

Adventure Flying Services LLC | 1740 Trail Creek Way, Reno, NV 89523

Phone: 208.917.3664 Email: fred@advflying.com

Dec 2023 Revision

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2024 IDAHO BACKCOUNTRY DISCOVERY REGISTRATION FORM

Name	
Address	
City	
State	Zip
Phone	Mobile
Email	

Pilot Certificate/ratings you hold:

Private Commercial ATP Glider Sport Pilot Certificate # _____

Total Hours PIC _____ PIC Hours Last 12 months _____ Tailwheel PIC Hours _____

Date of FAA Medical _____ Date of Last Flight Review _____

My Age: _____ My Height: _____ My Weight: _____

My Requested Date: _____

Instruction: Backcountry Discovery Flights usually commence at 7:30 AM and end by 1 PM.

<input type="checkbox"/> Backcountry Discovery \$1500 Includes ground instruction and approximately 3 hours of flight instruction in our Kitfox aircraft.	<input type="checkbox"/> A \$750 deposit is required to reserve your date Make check payable to Adventure Flying Services LLC <i>Deposits will be refunded for those days in which AFS determines that weather, fire or flight restrictions prevent safe instruction. AFS is not responsible for other client costs incurred in the event instruction must be cancelled.</i>
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