

www.YukonFlying.com - Collected Flying Wisdom for Bush Flying

For Shortest Landing :

- Practice beforehand
- Minimum speed = 1.1 V_{So} (plus 5 + in gusty crosswind)
- Tail low
- 100 fpm sink
- Bursts of slight power (fly slower and keeps control of touch down point)
- On Touch Down ; flaps up - brake
- Don't be afraid to go-around (remember it will take some time to respond)
- TRIM EARLY & OFTEN (Slightly nose heavy for short field)
- Keep flying it - use elevator, rudder, ailerons - until it is tied down.
- In Gusts more than 10 mph - add 5 mph
- In strong Crosswind use less flaps
- Crosswind Keep upwind wing low - use more rudder
- Crosswind from the left is worse than a cross wind from right (can run out of right pedal)
- Some prefer "Wheel Landing" in strong gusts.....keeps tail up in slipstream and effective
- With low momentum / high sink rate it will take POWER burst to flare (especially heavy)

For Shortest Take-Off

- Use ALL available runway
- Use some flap
- Max lift flap tip; roll in full aileron, bring flaps down to match trailing edges.
- Trim slightly nose up
- Lean for best power if high altitude
- Focus attention 'outside'

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- Establish wheels off, then keep gentle control inputs until accelerated to best angle of climb speed

FACTORS AFFECTING BEST PERFORMANCE

1. Your weight (Heavier=more sink and higher momentum slows braking & more to ground loop)
2. Runway slope? (Don't land downhill if more than slight slope)
3. Grass = can be slippery wet on landing, robs power on T/O
4. Temperature ? (You can't cheat physics)
5. Terrain - plan your approach / departure path before hand
6. "close by" obstacles cause turbulence
7. Landing on a road; stay on center line until **stopped!** (Most roads are "Crowned" (lower at sides for drainage)
8. Landing Surface ? Gravel forgives lots of sins - Grass forgives even more unless wet
9. Do Not get into habit of dragging it in low and slow to land short.
10. Following a road in the shit? NEVER turn away from that road, slide over tight and turn back over it instead! KEEP IT IN SIGHT. (Same for a lake or featureless surface, never turn out towards white-out.)

SOME FREE FLOAT FLYING ADVICE

-Taxing on river, eddies and backwater pools will pull your wing into the bush.

-T/O and land "with" current if possible

-Floats indicate load pretty accurately

-Carry 2 extra 50' ropes, one in each nose compartment

-Taxi SLOW going downwind

-To turn around taxing with tailwind, power off, rudders up, let wind bring you around.....DONT force it around.

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-If taxiing backwards in wind, keep enough power to prevent tails of floats going under.....especially if your heavy.

-Never assume wind direction is 90 degrees to waves (on landing or T/O)

-Remember the "FLOAT CRASH 5 ";

1/ Wait for crash to end

2/ Find & Open the Door

3/ Then Unlatch SeatBelt

4/ Swim out

5/ Inflate

5 1/2 / Practice this exit ahead of time!

Improving Your Odds of Survival (Notes From Atlin Fly-in);

More than anything else it could be what you do before you go flying that will determine how your survival situation will turn out, so;

-File a Flight Plan of some sort

*-Prepared emergency equipment should be changed with season or mission
! (IE Winter kit focus is clothes, camping trips vs summer sightseeing)*

-Pre-Flight briefing (post crash procedures)

-Your Attitude is most important factor

-Communicate your position often while in air

-Dress for the crash! and, Always carry the minimums on you (IE: Fire, wire, knife, signal, Space Bag)

-Use your survival kit often....don't pack it and forget it.

You Will Need;

1. First Aid Kit (Make your own, consider duct tape, sutures, heavy pain killers)
2. Signaling devices (SPOT)
3. Fire starting (several sources)
4. Shelter and Clothing

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5. Food

My Personal AirPlane Kit:

- Plastic 10x12 Tarp (blue)
- Space Blanket / Sleeping Bag (Changed with season)
- Heavy Duty Garbage Bags (2)
- Mosquito Net
- Mosquito dope (in Canada)
- Fire Starter (3 sources of ignition, 2 of kindling)

- 50' x 1/4" Rope
- Good Knife
- Saw (Folding swede type)
- Mirror
- Toilet Paper
- Snare wire (Fix anything)
- Condensed sources of calories
- Fishing kit

“Always On-My-Person” Kit;

- Knife
- Mirror
- Fire Kit
- Toilet Paper • SPOT
- Sat Phone

- Space Blanket • Gloves

“Airplane” First Aid Kit

2 Large Compress Bandages
12 Pain Killers (Demerol or equivalent) 12 Band-aids
6 Steri-strips
2 Sutures
Scissors
Disinfectant wipes

more...