



Lethbridge Soaring Club

Cowley Glider Strip



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Image S. Alberta MD s and Counties

Lethbridge Soaring Club

- * Two Training Gliders
- * Elevation 3,876
- * Grass runway
- * Winch only for launching
- * Camp Ground
- * Cook house and out houses
- * Hanger for our two club gliders. (Just been destroyed by high winds)
- * We are building a new bigger and stronger hanger this Spring.

Main Events for 2016

- * Flying week – May 7th to 15th
- * Flying week – July 1st to 10th
- * Alberta Soaring Council – July 23rd to Aug 1st
- * ASC Wave Camp – Oct 1st to 10th
- * Club flying most Saturdays
- * Fly in breakfast????

Club Gliders



The Winch



Some Videos

- * Soaring in the wave from the Livingstone Range.
- * The Livingstone Range block was open allowing us to fly to 28,000 ft ASL.
- * My personal best was 18,000 ft as far as I could go with my O2 system.
- * Height's to 28,000 were made this year by several pilots.

Some gliding information

- * Glide angles. 2-22 is 17 to 1. Grob Twin 32 to 1
- * MY ASW19 single seat. Glide 39 to 1. Thermals at 45 knots. Cruise 55 knots + . VNE 140 knots
- * Cross country possible over 700 km on a good day.
- * World records: Altitude. 50,720ft . Distance 3000 km. Speed over triangular course of 750km – 167 km/h

What does it Cost?

- * Cub Membership \$500
- * Club Gilder rental \$1.50 per minute
- * Winch Launch \$12. Aero Tow launch \$35
- * Training is free just pay for launch and time in the air
- * Approximate cost to get your license \$3,000
- * Can be done in two seasons depends on time commitment.
- * Trial flight \$100
- * Six pack trial flight with instruction \$400

Freedom Wings



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- * LSC is a chapter of Freedom Wings
 - * The Grob Twin is fitted with removable hand controls
 - * We do not charge for a disabled person to fly we rely on donations to pay for this.
 - * FW is a registered charity. They can give tax receipts.
 - * Club needs to purchase a lift and sling to get the passenger in and out of the glider safely



VIDEO

Soaring To Me

- * Imagine that you are free as a bird. You are a mile high, silently circling on a beautiful clear spring day, gaining altitude every turn. Slightly below you there is another sleek engineless aircraft taking advantage of the same thermal (a pocket of rising air). You gently move the joystick left and right, banking the aircraft to try to hit the centre of the rising air. You glance at the instruments being mindful of airspeed, rate of climb, and the other glider. The more altitude we gain the longer we stay up! Your instructor, a friend in the back seat, is getting great photos of the other glider that is piloted by another club member. You see and fly with birds, and climb to the base of puffy cotton-ball clouds. You notice tiny dinky-toy cars creeping along a highway, and little towns a mile below. You constantly remain aware of your location, so you can always make it home. Two hours later, you finally give in and head toward the airfield. You steer around the traffic pattern, your instructor making the radio calls and operating the spoilers to lose altitude. You watch your speed, adjusting it by raising and lowering the nose. You line up on the runway, gently pull back on the stick to round out as the field nears, and grease the landing! What a perfect day!
- * Soon you are confined to your cumbersome electric wheelchair. You are no longer a pilot. You are once again a quadriplegic, dependant on help from others. But you have tasted two hours of total freedom, soaring with birds and other pilots, silently sailing the sky from cloud to cloud a mile above those poor earth-bound creatures that know not that experience. Nothing can wipe the grin off your face or replace the memory.
- * That is soaring to me.
- *
* Kary Wright