

Flying Club

September 12, 2006

The Exec Board

- Samir Awasthi – Archives & Records Committee
- Laura Garrity – Treasurer
- Zsuzsa Megyery & Fred Gay – Events & Trip Planning Committee
- Andreas Mershin – Law & Liability Committee
- Robert Ocampo - Publicity
- Brandon Reese – Books & Supplies Committee
- Chris Sequeira – President



soaring in greater boston



What is soaring?



What is soaring?

When you break with below, there is a whole new vista, out and away – mountains, sky, rivers, towns. That spectrum, it's rewarding in the silence.

- Richard Wolters, Once Upon A Thermal



What is soaring?

When you break with below, there is a whole new vista, out and away – mountains, sky, rivers, towns. That spectrum, it's rewarding in the silence.

- Richard Wolters, Once Upon A Thermal

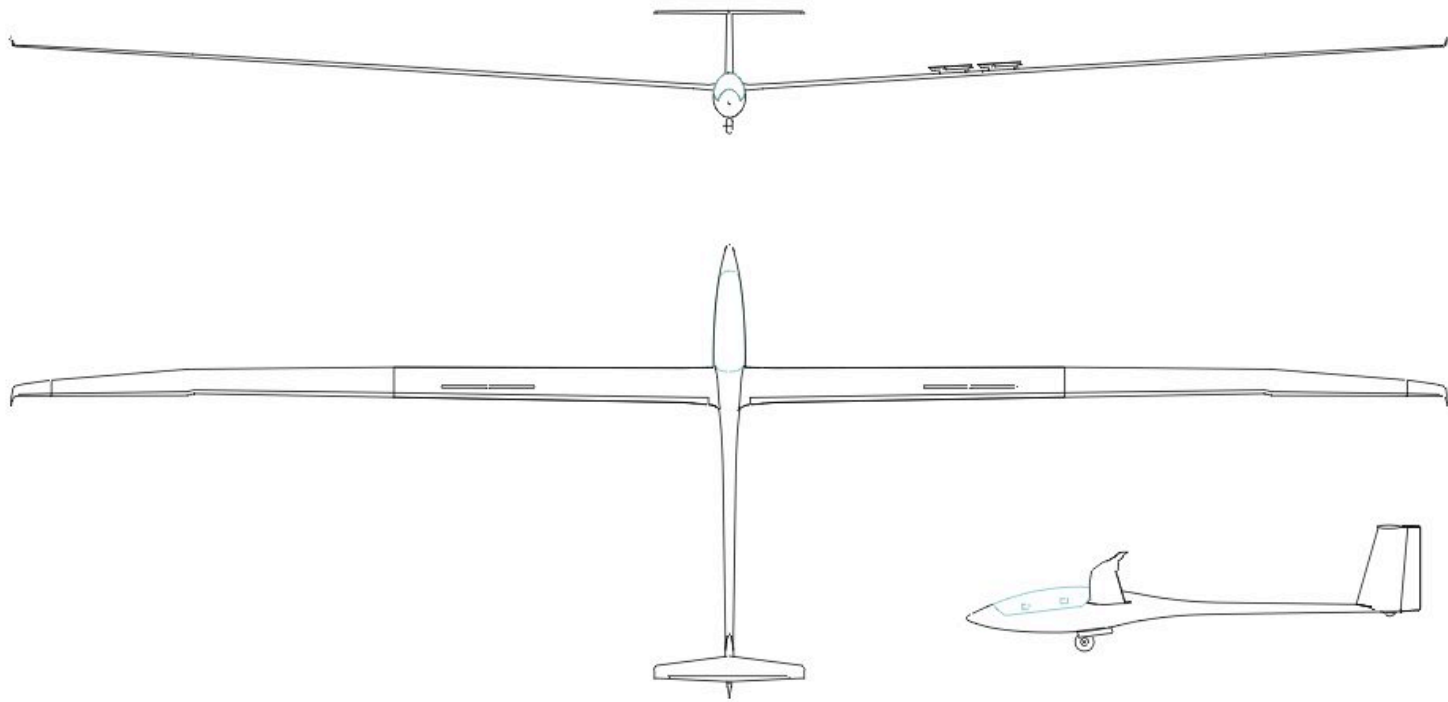


Translation:

NO ENGINE!

Sailplanes: The most efficient aircraft

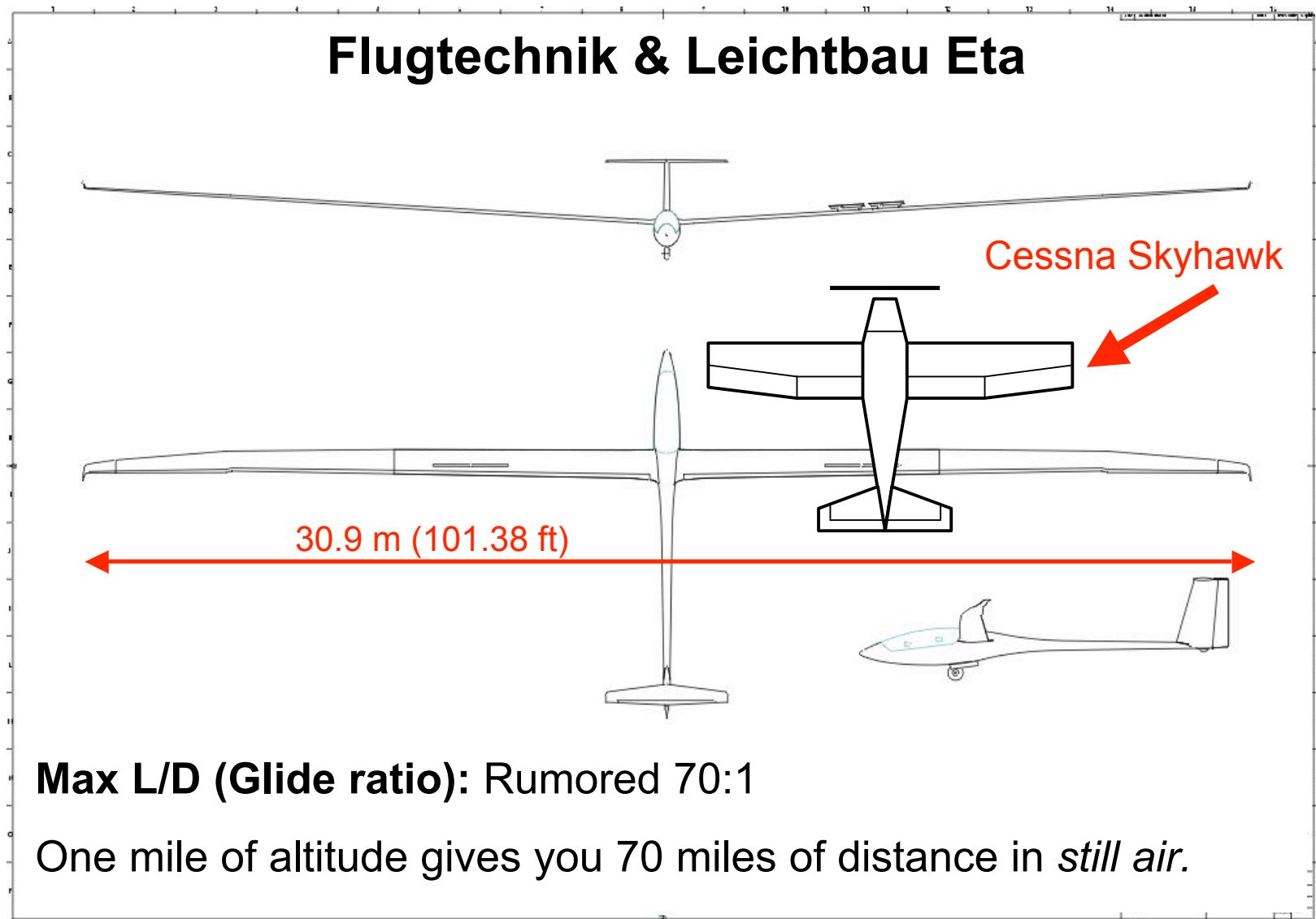
Flugtechnik & Leichtbau Eta



Max L/D (Glide ratio): Rumored 70:1

One mile of altitude gives you 70 miles of distance in *still air*.

Sailplanes: The most efficient aircraft



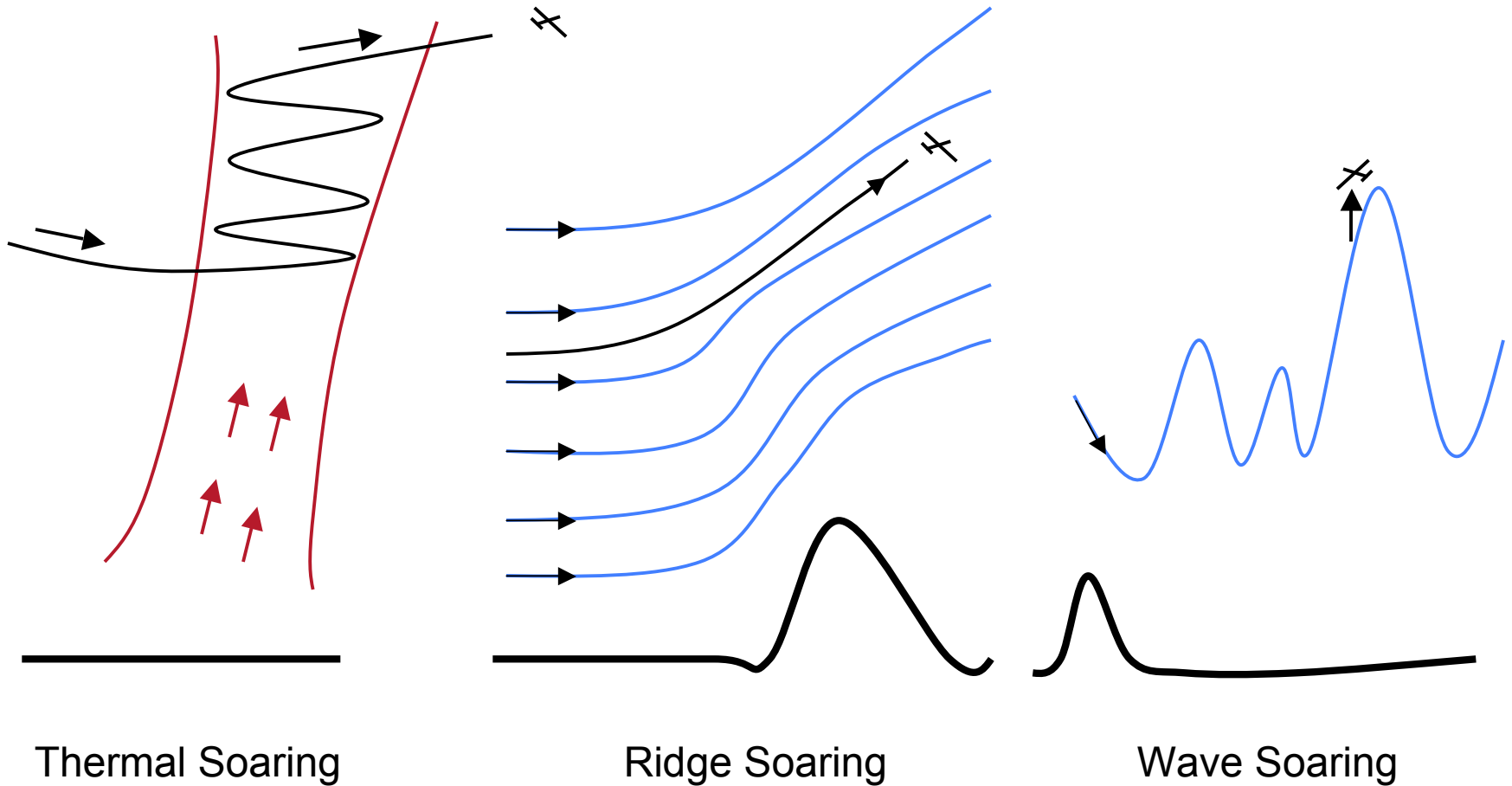


towplane tows you up.

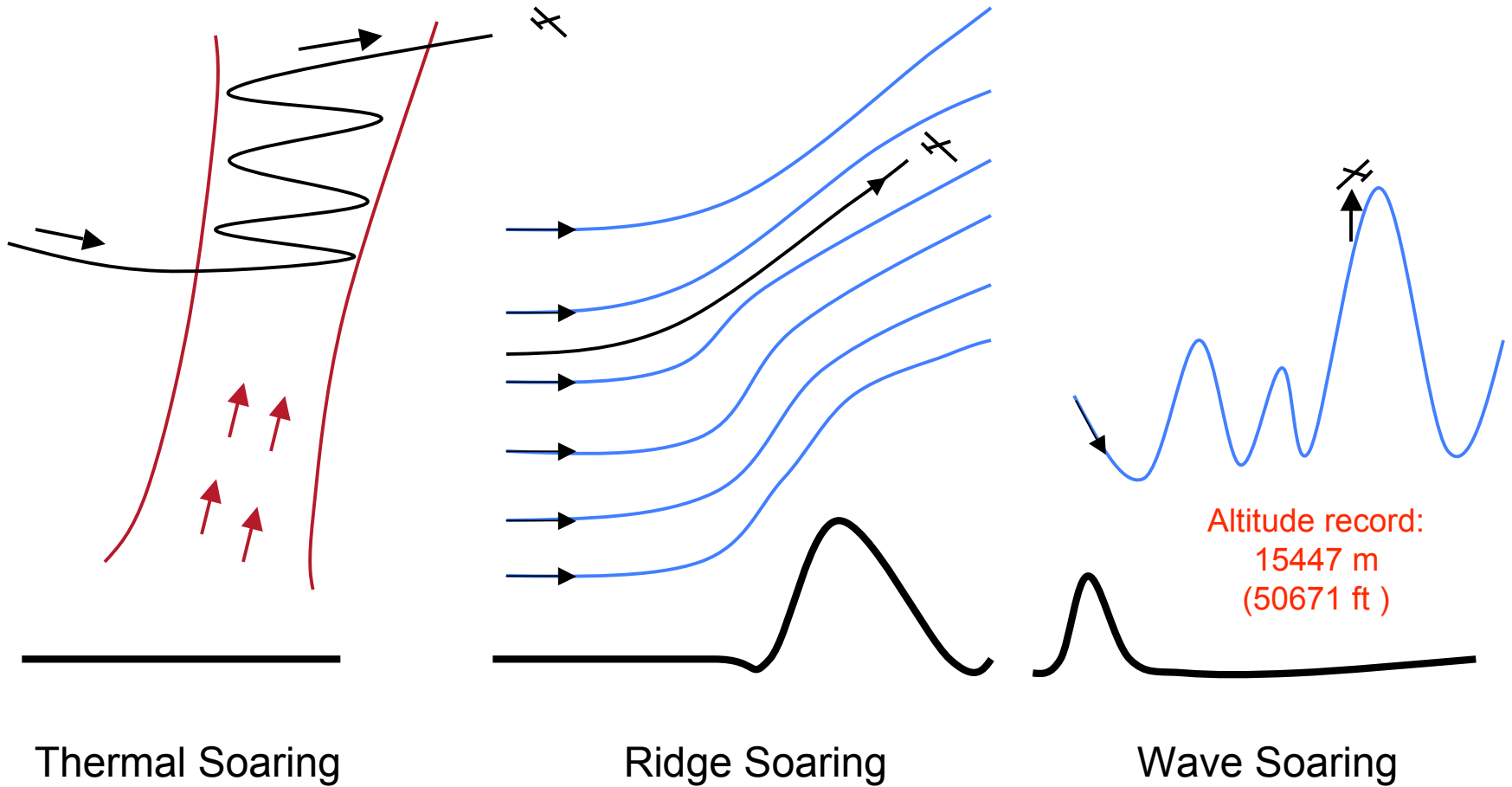
How do you stay up there?



How do you stay up there?



How do you stay up there?



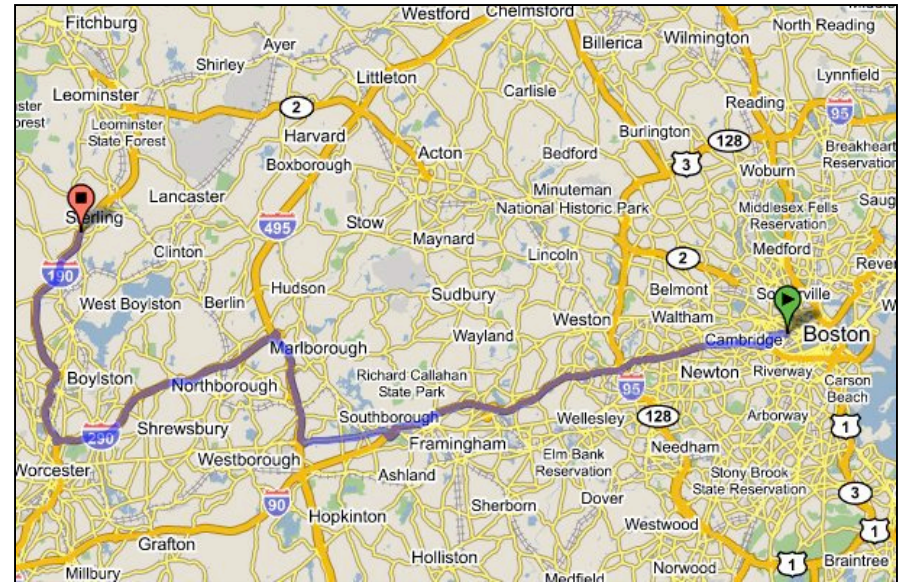
Distance record: 3009 km (1869 mi)

where to soar

Photo by Bruce Cameron

Greater Boston Soaring Club

Sterling Airport (3B3) in Sterling, MA



Distance: ~60 miles (1 hour 15 minutes)

Soaring every non-rainy weekend (including cloudy days) from April 1 to November 30 except early September due to Sterling Fair

Instruction at GBSC: Gliders



LET L-23 Super Blanik

Wingspan: 16 m (53 ft)

Max L/D: 28:1 at 49 kt (56 mph)



Schweitzer SGS 2-33

Wingspan: 15 m (51 ft)

Max L/D: 23:1 at 39 kt (45 mph)

Instruction at GBSC: Time and Cost

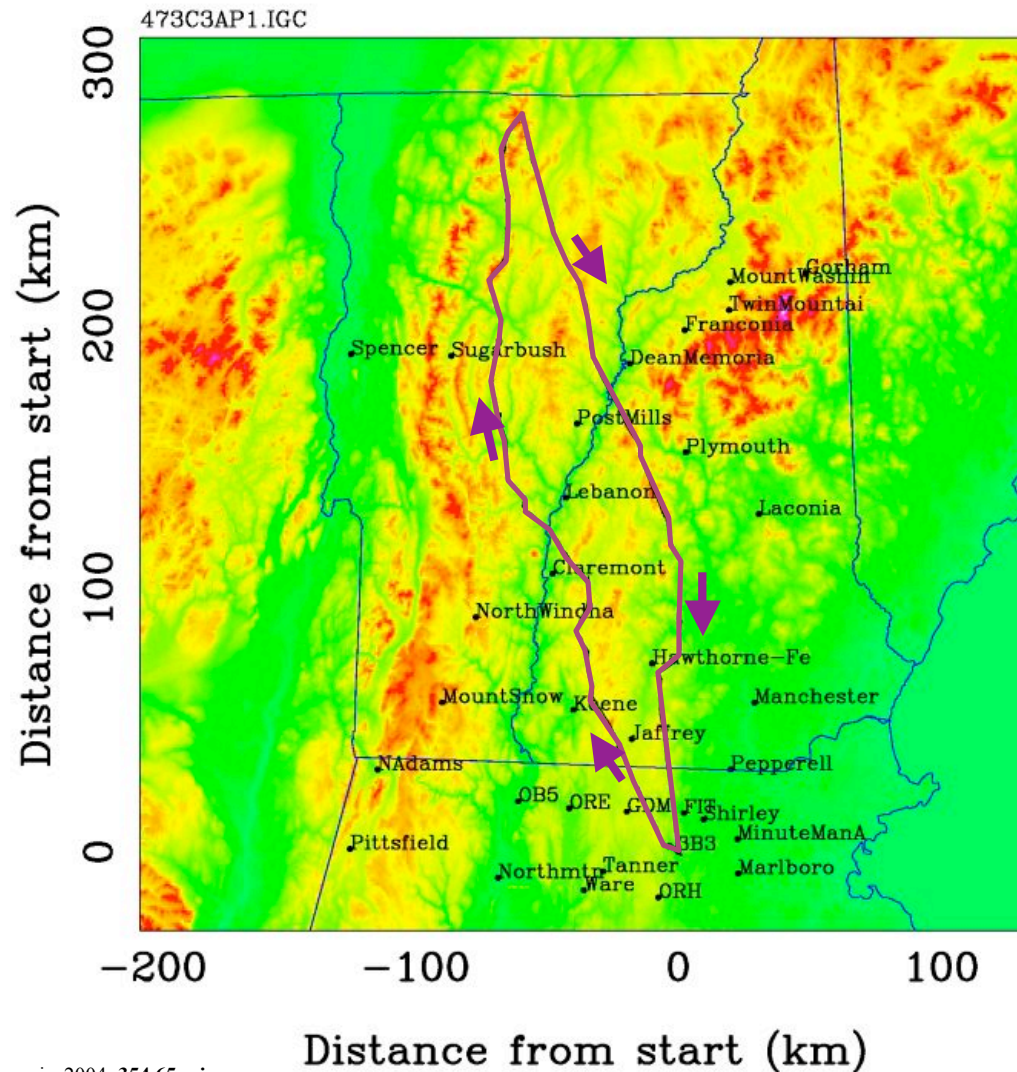
Intro lesson	\$100.00	
Initiation fee (full-time students)	\$200.00	
Annual dues (full-time students)	\$200.00	
SSA annual dues	\$64.00	
Books	\$65.77	
45 flights (average) to 3,000 ft AGL	\$2,250.00	
Instruction	\$0.00	
Total	\$2,879.77	

New students need 10 hours of flight, including 2 hours of solo flight. Fly often!

beyond instruction



Beyond Instruction: Cross-Country



Massachusetts record set by Roy Bourgeois, 2004: 354.65 mi

Beyond Instruction: Contests and Camps

- GBSC summer camps at Franconia, NH and Springfield, VT
- Contests at Sugarbush airport, VT
- Wave camps at Gorham, NH (Mt. Washington)
- And more!



Contest grid at Sugarbush (Photo by Sugarbush Soaring Association)

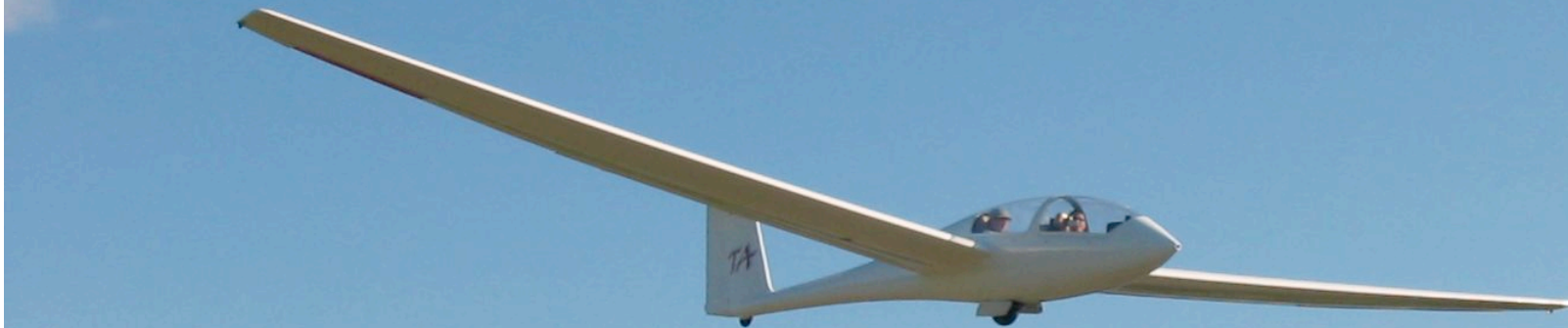


Wave soaring at Gorham (Photo by Greater Boston Soaring Club)

Beyond Instruction: Badges

- FAI Silver Badge: 1000 meter altitude gain, 5-hour flight time, 50km distance
- FAI Gold Badge: 3000 meter altitude gain, 300km distance
- FAI Diamond Badge: 5000 meter altitude gain, 300km out/return or triangle, 500km cross-country

Beyond Instruction: Just Fly!



questions?

