# **Valley Soaring Association**



# **2022 Cross Country Series**

## Goal

The Valley Soaring Association's Race Series has been a big part of the Soaring in Northern California for the past 35 plus years. There have been many variations and changes to the series over the years but there has always been a common theme: promoting local soaring and encouraging pilot growth. This year we would like to continue with that theme!

The 2022 VSA Cross Country Series is designed to encourage fun and safe cross country flying while creating the opportunity for team flying. This series also provides a platform that will support and encourage coaching and mentoring.

The 2022 tasks were designed with the goal of safely promoting and fostering an environment for a high completion rate amongst pilots who would like to participate.

## Awards

- VSA Task Master: Completing Every Task
- VSA Cross Country Champ: most points for ALL tasks flown
  - $\circ$   $\,$  No limit on the number of tasks flown
  - Must fly minimum 6 individual tasks
- VSA High Scorer: Most Points for flying 6 different tasks
  - $\circ$  Pick the 6 best task results for each pilot
- VSA Racer: Fastest Handicapped Speed for each task
- VSA Endurance Athlete: Most tasks flown throughout the series

## Rules

- 1. All tasks can be flown any day of the week
- 2. All flights must originate out of WSC unless otherwise approved
- 3. All flights must be submitted to the scorer, Ben Mayes, in person or Via e-mail: Ben@williamssoaring.com within 48 hours of task completion
- 4. There will be no day winners. Each task completed will be added to the master score sheet and will be based on fastest flight on that course for the year
- 5. SATURDAY IS A BONUS DAY
  - a. Every soarable Saturday we will call a bonus task. If that task is completed, an additional 100 points will be added to your flight
- 6. You can fly multiple tasks on the same day
  - a. Must start and finish or abandon a task before next task is started
- 7. The maximum start height will be 17,500 MSL
- 8. The minimum finish heights will be:
  - a. 3 Sisters 4,000 MSL
  - b. Tree Farm- 6,000 MSL
  - c. WSC 2,000 MSL
- 9. We will be utilizing the current SSA Start and Finish procedure as well as scoring with the current SSA distance rules and penalties to keep it simple
- 10. CD / VSA President has final say on all rulings

## HAVE FUN AND FLY SAFE!!!

## Safety

- Every Bonus Day there will be a pilots meeting at 10 AM
  - Pilots meeting may be run by VSA Officers or if an individual would like to volunteer on an individual basis contact VSA that morning or in days prior
- Any other day multiple pilots are flying there may be a pilots meeting
  - However, if an official meeting is not posted on the white board it is highly encouraged that all cross country pilots have a small informal meeting prior to launch
- Remember the goal is to encourage growth and team flying so encourage each other to plan routes, brief on weather and talk about some of the potential intricacies of the day
- If you are an inexperienced pilot, don't be shy, listen in and gain knowledge

## Disclaimer

- The tasks we laid out and the tips we have provided in this guide all make the assumption of an intermediate pilot flying a standard class, 15 meter ship with an approximate performance of 40:1.
- All of these tasks are very weather dependent and need to be well thought out and planned
- Each individual pilot must gauge their own skill level and glider performance before attempting any task

### 2022 VSA Cross Country Task List

#### Type: Assigned Task

4.Point

Finish

### #1 "Classic" Mendocino Tour

8.2mi

53.1mi

| Task Dista | ask Distance: 114.5mi |                   |                        |  |
|------------|-----------------------|-------------------|------------------------|--|
| Style      | Turn Points           | Turn Point Radius | Distance Between Turns |  |
| Start      | TreeFarm-U4           | 5 Miles           |                        |  |
| 1.Point    | AlderSpr-U6           | 1 Mile            | 25.6mi                 |  |
| 2.Point    | BlackBute-U9          | 1 Mile            | 9.5mi                  |  |
| 3.Point    | EaglePeak-U8          | 1 Mile            | 18.1mi                 |  |

#### Task Information

#### **Type: Turn Area Task** Task Time: 2 Hours 15 Minutes

YollaPk-U8

TreeFarm-U4

#### Task Distance: Min: 67.2mi Max: 205.8mi Nom: 134.1mi

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | 3Sisters-U3  | 5 Miles           |                        |
| 1.Point | GoatSPass-U6 | 10 Miles          | 18.2mi                 |
| 2.Point | VacaPond-U5  | 25 Miles          | 66.6mi                 |
| Finish  | 3Sisters-U3  | 2 Miles           | 54.3mi                 |

1 Mile

2 Miles

#### Type: Assigned Task Task Distance: 30.8mi

### **#3 First Time off Goat?**

#2 Do I cross the Delta?

|         | Turn Points | Turn Point Radius | Distance Between Turns |
|---------|-------------|-------------------|------------------------|
| Start   | TreeFarm-U4 | 5 Miles           |                        |
| 1.Point | SnowMtn-U5  | 1 Mile            | 8.0mi                  |
| 2.Point | SironMtn-u2 | 1 Mile            | 7.9mi                  |
| 3.Point | StJohn-U2   | 1 Mile            | 4.6mi                  |
| Finish  | TreeFarm-U4 | 2 Miles           | 10.3mi                 |

#### Type: Turn Area Task **Task Time: 2 Hours** Task Distance: Min: 63.9mi Max: 232.9mi Nom: 148.6mi

### **#4 Running the Foot Hills**

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | 3Sisters-U3  | 5 Miles           |                        |
| 1.Point | AlderSpr-U6  | 20 Miles          | 42.1mi                 |
| 2.Point | BessaTwrs-U8 | 20 Miles          | 73.9mi                 |
| Finish  | 3Sisters-U3  | 2 Miles           | 32.5mi                 |

#### **Type: Assigned Area Task** Task Time: 1 Hour 15 Minutes

#### Task Distance: Min: 61.1mi Max:96.9mi Nom: 81.1mi

## **#5 Have you seen the Buttes?**

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | 1WSC-R1      | 5 Miles           |                        |
| 1.Point | 3Sisters-U3  | 3 Miles           | 11.2mi                 |
| 2.Point | DunniganS-E7 | 3 Miles           | 27.3mi                 |
| 3.Point | SutrBts-U5   | 3 Miles           | 25.7mi                 |
| Finish  | 1WSC-R1      | 2 Miles           | 17.0mi                 |

### 2022 VSA Cross Country Task List

#### **Type: Assigned Task**

#### Task Distance: 50.2mi

### #6 Local Valley Tour

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | 1WSC-R1      | 5 Miles           |                        |
| 1.Point | MaxMoller-R9 | 1 Mile            | 9.1mi                  |
| 2.Point | 3Sisters-U3  | 1 Mile            | 13.8mi                 |
| 3.Point | Arbuckle-U4  | 1 Mile            | 16.5mi                 |
| Finish  | 1WSC-R1      | 2 Miles           | 10.8mi                 |

#### Type: Assigned Task Task Distance: 217.9mi

### **#7 Mendos Yo-Yo**

|         | Turn Points | Turn Point Radius | Distance Between Turns |
|---------|-------------|-------------------|------------------------|
| Start   | TreeFarm-U4 | 5 Miles           |                        |
| 1.Point | T15-U7      | 1 Mile            | 66.0mi                 |
| 2.Point | StJohn-U2   | 1 Mile            | 55.9mi                 |
| 3.Point | YollaPk-U8  | 1 Mile            | 42.8mi                 |
| Finish  | TreeFarm-U4 | 2 Miles           | 53.1mi                 |

#### Type: Assigned Task Task Distance: 69.3mi

### **#8 Steps to Black Butte**

|         | Turn Points  | Turn Point Radius | Distance Between Turns |  |
|---------|--------------|-------------------|------------------------|--|
| Start   | TreeFarm-U4  | 5 Miles           |                        |  |
| 1.Point | SnowMtn-U5   | 1 Mile            | 8.0mi                  |  |
| 2.Point | AlderSpr-U6  | 1 Mile            | 19.0mi                 |  |
| 3.Point | BlackBute-U9 | 1 Mile            | 9.5mi                  |  |
| 4.Point | SironMtn-u2  | 1 Mile            | 17.8mi                 |  |
| 5.Point | StJohn-U2    | 1 Mile            | 4.6mi                  |  |
| Finish  | TreeFarm-U4  | 2 Miles           | 10.3mi                 |  |

#### Type: Turn Area Task Task Time: 2 Hours 45 Min Task distance: Min 123.0mi Max 254.5mi Nom 187.9mi

### **#9 Steps to the Trinities**

|         | Turn Points  | Turn Point Radius | Distance Between Turns |  |
|---------|--------------|-------------------|------------------------|--|
| Start   | TreeFarm-U4  | 5 Miles           |                        |  |
| 1.Point | BlackBute-U9 | 2 Miles           | 32.4mi                 |  |
| 2.Point | EaglePeak-U8 | 2 Miles           | 18.1mi                 |  |
| 3.Point | Hayfork-R3   | 30 Miles          | 46.3mi                 |  |
| 4.Point | BlackBute-U9 | 5 Miles           | 58.9mi                 |  |
| Finish  | TreeFarm-U4  | 2 Miles           | 32.4mi                 |  |

Type: Turn Area Task Task time: 2 Hours 30 Minutes # Task distance: Min: 90.3mi Max: 288.7mi Nom:189.1mi

### #10 Tour the Sacramento Valley

**Turn Points Turn Point Radius Distance Between Turns** 5 Miles Start 3Sisters-U3 1.Point R-Tehama-R2 25 Miles 56.8mi 2.Point Esparto-E3 96.1mi 25 Miles 36.3mi 3Sisters-U3 Finish 2 Miles

#### 2022 VSA Cross Country Task List

#### **Type: Turn Area Task**

#### Task time: 1 Hour Task Distance: Min 33.3mi Max 99.8mi Nom 67.3mi

### #11 Bear Valley Triangle

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | 3Sisters-U3  | 5 Miles           |                        |
| 1.Point | TreeFarm-U4  | 10 Miles          | 21.4mi                 |
| 2.Point | RumseyGap-U7 | 5 Miles           | 31.9mi                 |
| Finish  | 3Sisters-U3  | 2 Miles           | 14.0mi                 |

#### Type: Area Task

### **#12 Bear Valley Foot Race**

#### Task Distance: 79.5mi

|         | Turn Points          | Turn Point Radius | Distance Between Turns |  |
|---------|----------------------|-------------------|------------------------|--|
| Start   | 3 Sisters-U3         | 5 Miles           |                        |  |
| 1.Point | Indian Ranch-E4      | 1 Mile            | 7.9mi                  |  |
| 2.Point | Rumsey Gap-U7        | 1 Mile            | 25.9mi                 |  |
| 3.Point | Walker Ridge-U2      | 1 Mile            | 15.8mi                 |  |
| 4.Point | Antelope Valley RcR3 | 1 Mile            | 7.8mi                  |  |
| 5.Point | 20 16 Int. U9        | 1 Mile            | 9.2mi                  |  |
| 6.Point | Bear Valley-E3       | 1 Mile            | 7.5mi                  |  |
| Finish  | 3 Sisters-U3         | 2 Miles           | 5.4mi                  |  |

#### Type: Turn Area Task Task Time: 2 Hours 30 Minutes Task distance: Min: 142.9mi Max: 302.9mi Nom: 227.8mi

### **#13 Wandering the Mendos**

|         | Turn Points  | Turn Point Radus | Distance Between Turns |
|---------|--------------|------------------|------------------------|
| Start   | TreeFarm-U4  | 5 Miles          |                        |
| 1.Point | T15-U7       | 20 Miles         | 66.1mi                 |
| 2.Point | WalkerRdg-U2 | 10 Miles         | 81.3mi                 |
| 3.Point | BlackBute-U9 | 20 Miles         | 48.0mi                 |
| Finish  | TreeFarm-U4  | 2 Miles          | 32.4mi                 |

#### Type: Turn Area Task Task Time: 1 Hour

### #14 Can You get to Black Butte

| Task dista | Task distance: Min: 51.8mi Max: 131.7mi Nom: 96.5mi |                   |                        |  |
|------------|---|-------------------|------------------------|--|
|            | Points  | Turn Point Radius | Distance Between Turns |  |
| Start      | TreeFarm-U4   | 5 Miles           |                        |  |
| 1.Point    | BlackBute-U9  | 10 Miles          | 32.4mi                 |  |
| 2.Point    | WalkerRdg-U2  | 10 Miles          | 48.0mi                 |  |
| Finish     | TreeFarm-U4   | 2 Miles           | 16.1mi                 |  |

#### Type: Area Task Task Distance: 71.9mi

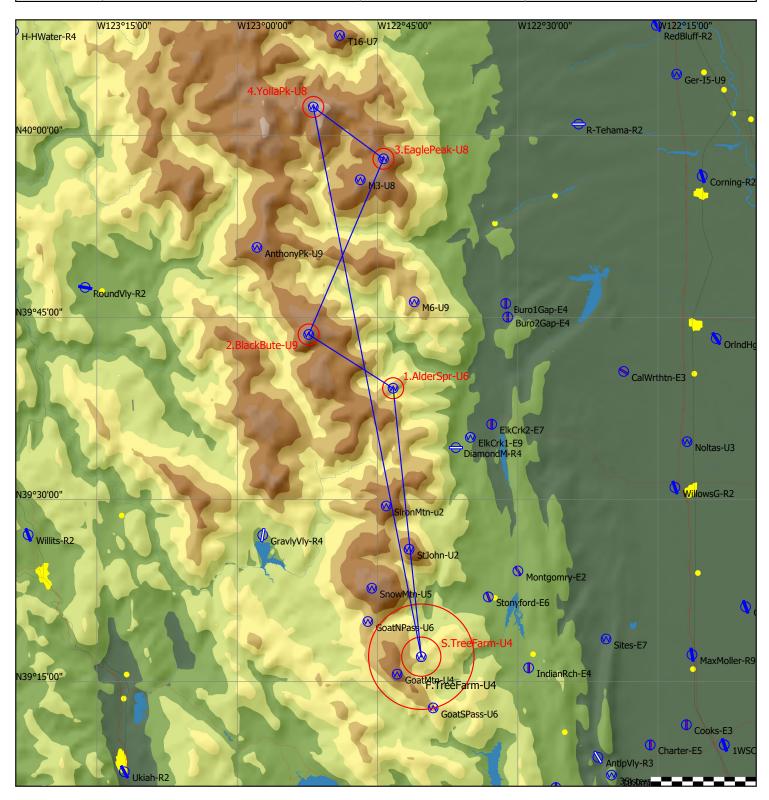
### #15 Goat Mt. Pin Ball

| Style   | Points       |         | Dis Between Turns |
|---------|--------------|---------|-------------------|
| Start   | TreeFarm-U4  | 5 Miles |                   |
| 1.Point | SironMtn-u2  | 1 Mile  | 14.7mi            |
| 2.Point | GoatNPass-U6 | 1 Mile  | 11.1mi            |
| 3.Point | StJohn-U2    | 1 Mile  | 7.9mi             |
| 4.Point | GoatMtn-U4   | 1 Mile  | 11.9mi            |
| 5.Point | SnowMtn-U5   | 1 Mile  | 8.5mi             |
| 6.Point | GoatSPass-U6 | 1 Mile  | 12.8mi            |
| Finish  | TreeFarm-U4  | 2 Miles | 5.0mi             |

#### Type: Assigned Task Distance: 114.5mi

### "Classic" Mendocino Tour

|         | Turn Points     | Turn Point Radios | Distance Between Turns |
|---------|-----------------|-------------------|------------------------|
| Start   | TreeFarm-U4     | 5 Miles           |                        |
| 1.Point | AlderSprings-U6 | 1 Mile            | 25.6mi                 |
| 2.Point | BlackButte-U9   | 1 Mile            | 9.5mi                  |
| 3.Point | EaglePeak-U8    | 1 Mile            | 18.1mi                 |
| 4.Point | YollaPeak-U8    | 1 Mile            | 8.2mi                  |
| Finish  | TreeFarm-U4     | 2 Miles           | 53.1mi                 |



### **Summer Convergence**

### June 1st - October 15th

Typically this task is going to be most easily completed on a classic convergence day with lift / clouds between 9-12,000Ft

### **Task Tips**

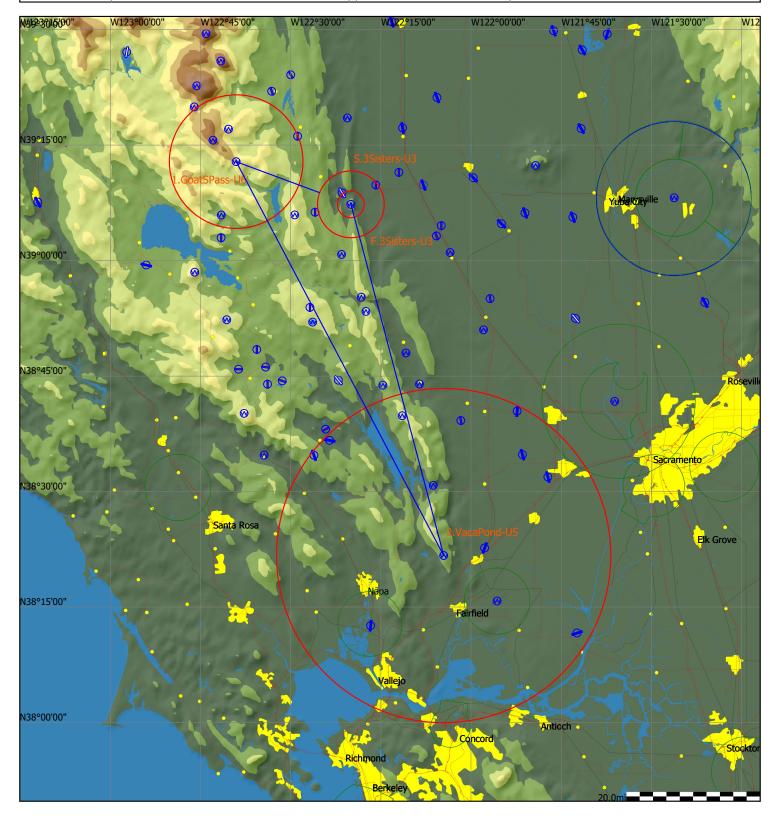
- This task can be done in the spring if we are seeing lift over the Mendo's at 8,000ft or better but it will be a slow grind
- In the spring, it can be difficult to get out to Black Butte
- Can be done on blue days but you may need to tip toe
- Pro Tip: Slow is Fast, stay on top of the peaks (About 1000Ft.)

### Task Information

#### Type: Turn Area Task Task Time: 2 Hours 15 Minutes Task Distance: Min 67.2mi Max 205.8mi

### Do I cross the Delta?

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | 3Sisters-U3  | 5 Miles           |                        |
| 1.Point | GoatSPass-U6 | 10 Miles          | 18.2mi                 |
| 2.Point | VacaPond-U5  | 25 Miles          | 66.6mi                 |
| Finish  | 3Sisters-U3  | 2 Miles           | 54.3mi                 |



### **Post Frontal Spring Day**

### March 15th - July 1st

Typically looking for a good post frontal day with a 5-7,000 ft Cu field running down the Foothills

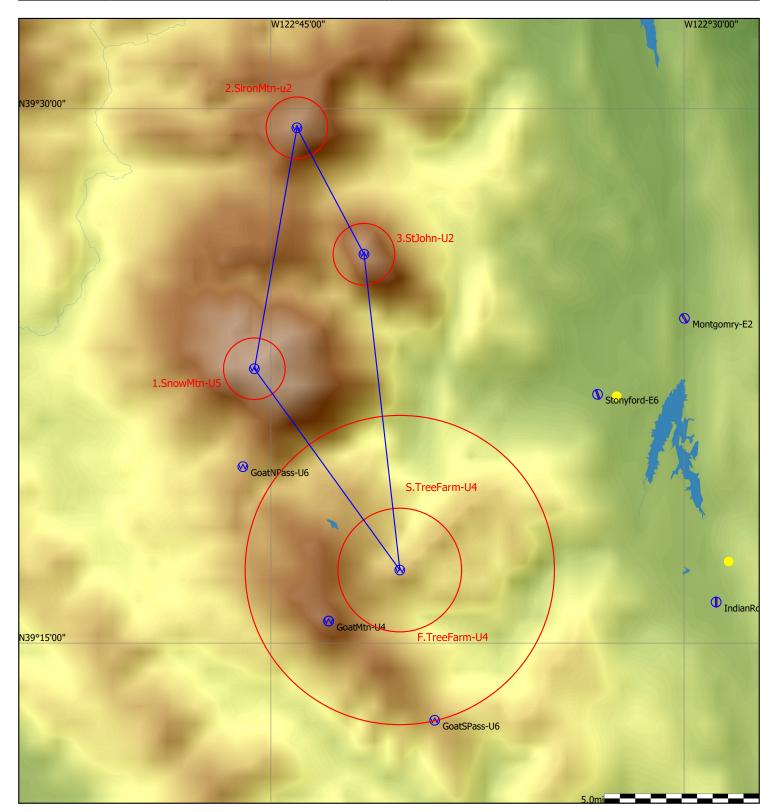
### **Task Tips**

- The Trick of this task may be the first leg getting out to the foot hills and deciding if you want to run in the valley or down the Berryessa ridge
- Watch for OD and/or spread out on the way back
- As you are leaving Esparto on final glide to Williams the landing options get thin if you get flushed off the Barressa Ridge or the day dies
- Pro Tip: The line in is typically the best line out however keep an eye on your tail headed south, conditions change quick

#### **Type: Assigned Task**

### First Time off Goat?

| Distance: | 30.8mi      | ••                |                        |  |
|-----------|-------------|-------------------|------------------------|--|
| Style     | Turn Points | Turn Point Radius | Distance Between Turns |  |
| Start     | TreeFarm-U4 | 5 Miles           |                        |  |
| 1.Point   | SnowMtn-U5  | 1 Mile            | 8.0mi                  |  |
| 2.Point   | SironMtn-u2 | 1 Mile            | 7.9mi                  |  |
| 3.Point   | StJohn-U2   | 1 Mile            | 4.6mi                  |  |
| Finish    | TreeFarm-U4 | 1 Mile            | 10.3mi                 |  |



### **Summer Convergence**

### June 1st - October 15th

It can be done in the blue or under clouds, you will need about 9,000ft to get off Goat to start North

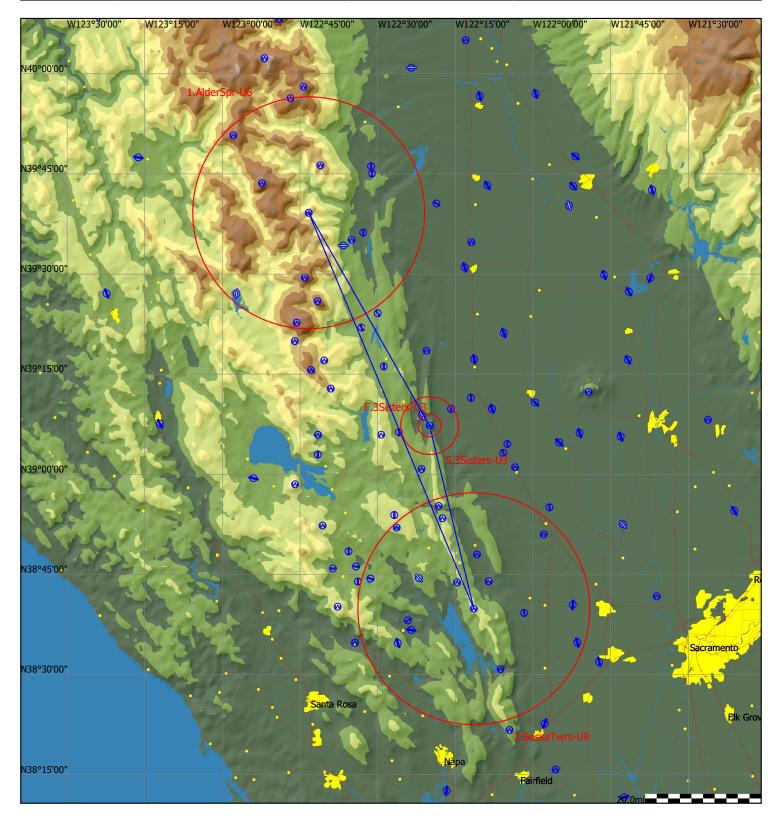
### **Task Tips**

- Look of a minimum of a 9,000 ft hop from Goat to Snow
- Watch your back as you crest Snow and head for Sheet Iron. You are headed downhill, and may feel high and safe until you turn Sheet Iron and are looking up at St. John or Snow
- To get into the turn, you will need to stay on top of the mountain peaks. Do not attempt to get into the turn area to low

Pro Tip: Do the task twice to improve speed

### **Running the Foot Hills**

|         | Turn Points  | Turn Point Radious | Distance Between Turns |
|---------|--------------|--------------------|------------------------|
| Start   | 3Sisters-U3  | 5 Miles            |                        |
| 1.Point | AlderSpr-U6  | 20 Miles           | 42.1mi                 |
| 2.Point | BessaTwrs-U8 | 20 Miles           | 73.9mi                 |
| Finish  | 3Sisters-U3  | 2 Miles            | 32.5mi                 |



### **Pre/Post Frontal Spring**

### March 15th - July 1st

Looking for about 6-8,000 ft cloud bases at or near Walker Ridge

### **Task Tips**

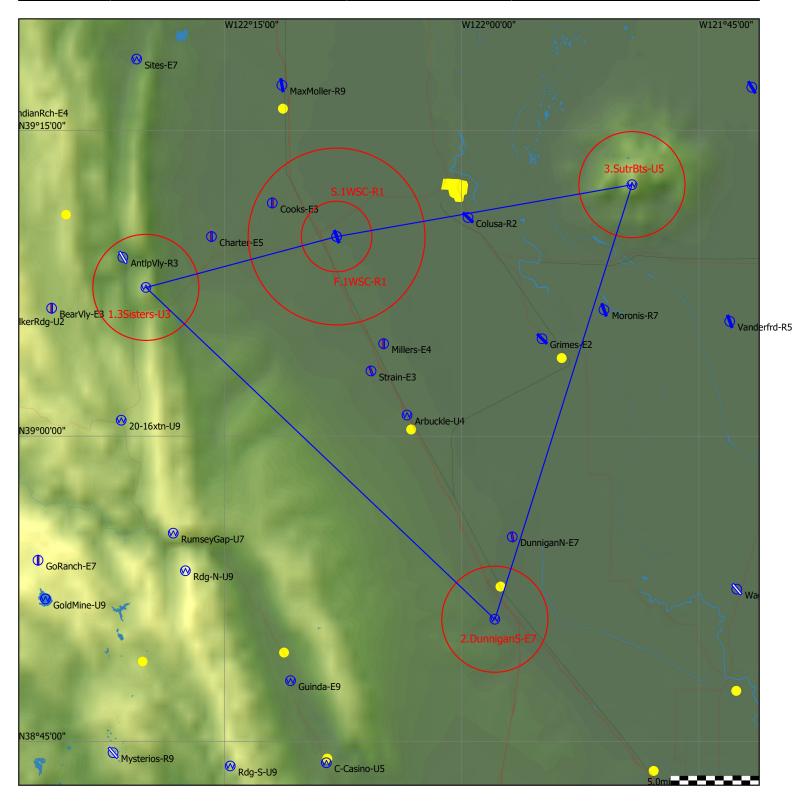
- Typically, you do not want to head too far North or South without markers
- There are good landing areas to the North but the sink lines can be long therefore you need to have your off field landing Plan A and B ready.
- Know your area

 Around Lake Berryessa the database has landing options but know what you are willing to do
 Pro Tip:Decision is always Mountain or Valley (local knowledge says West is Best) always fly eyes wide open the decision is not always obvious. The Stoney foothills may be the fastest through
 Notes

#### Type: Turn Area Task Task Time: 1 Hour 15 Minutes Task distance: Min: 61.1mi Max: 96.9mi Nom: 81.1mi

### Have you seen the Buttes?

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | 1WSC-R1      | 5 Miles           |                        |
| 1.Point | 3Sisters-U3  | 3 Miles           | 11.2mi                 |
| 2.Point | DunniganS-E7 | 3 Miles           | 27.3mi                 |
| 3.Point | SutrBts-U5   | 3 Miles           | 25.7mi                 |
| Finish  | 1WSC-R1      | 2 Miles           | 17.0mi                 |



### **Pre/Post Frontal Spring**

### March 15th - July 1st

Looking for about 4-6,000 ft cloud bases across the valley unless you want to chase dust devils late April early June when the tractors are running the valley is working

### **Task Tips**

- Can be done on a handful of valley days but the opportunity to head to the Buttes may not present itself too often so keep your eyes out
- Watch your options from Dunnigan South to the Buttes

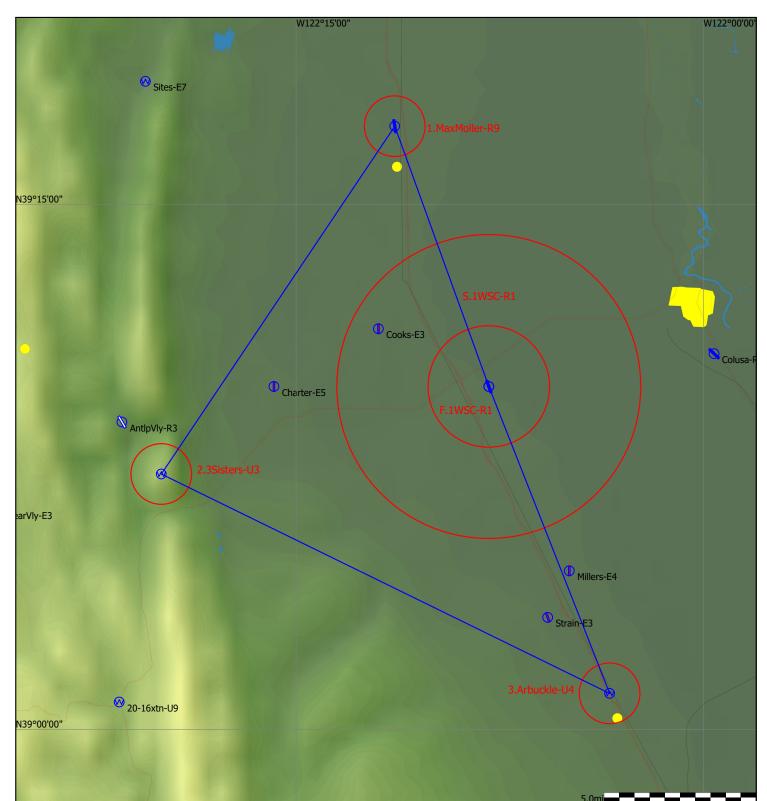
Pro Tip: If you want to be Task Master this task can only be done a handful of days and if you miss the soaring the only other option may be a 10,000 ft. tow

#### Type: Assigned Task

#### Task Distance: 50.2mi

### **Local Valley Tour**

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | 1WSC-R1      | 5 Miles           |                        |
| 1.Point | MaxMoller-R9 | 1 Mile            | 9.1mi                  |
| 2.Point | 3Sisters-U3  | 1 Mile            | 13.8mi                 |
| 3.Point | Arbuckle-U4  | 1 Mile            | 16.5mi                 |
| Finish  | 1WSC-R1      | 2 Miles           | 10.8mi                 |



### **Pre/Post Frontal Spring**

### March 15th - July 1st

Looking for about 4-6,000 ft cloud bases across the valley unless you want to chase dust devils late April early June when the tractors are running the valley is working

### Task Tips

- Nice and easy valley task for first timers, but for the experienced pilot, it could be hard to do fast without missing a climb
- If done correctly, this task will always keep you in glide of WSC or a safe landing option
- Pro Tip: Again with all smaller task the second lap is typically the fastest

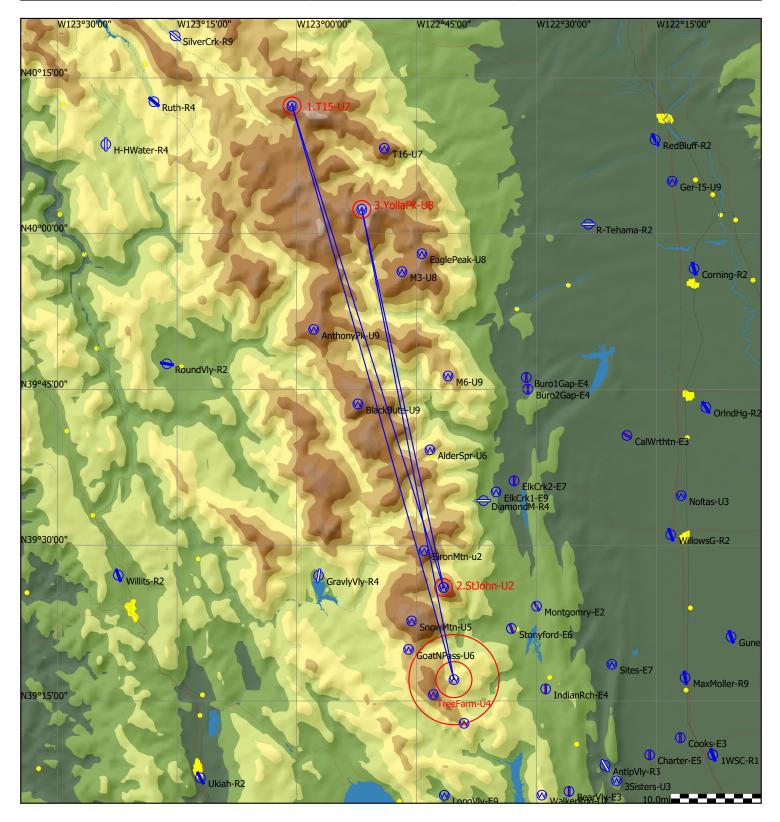
#### Type: Assigned Task

#7 Mendos Yo-Yo

### **Mendos Yo-Yo**

|      | -                |         |
|------|------------------|---------|
| Task | <b>Distance:</b> | 217.9mi |

|         | Turn Points | Turn Point Radius | Distance Between Turns |
|---------|-------------|-------------------|------------------------|
| Start   | TreeFarm-U4 | 5 Miles           |                        |
| 1.Point | T15-U7      | 1 Mile            | 66.0mi                 |
| 2.Point | StJohn-U2   | 1 Mile            | 55.9mi                 |
| 3.Point | YollaPk-U8  | 1 Mile            | 42.8mi                 |
| Finish  | TreeFarm-U4 | 2 Miles           | 53.1mi                 |



### **Summer Convergence**

### June 1st - October 15th

Typically this task is going to be most easily completed on a classic convergence day with lift / clouds between 9-12,000Ft

### **Task Tips**

 This task will most likely be completed toward the middle of the summer where the soaring days are long and the convergence is strong

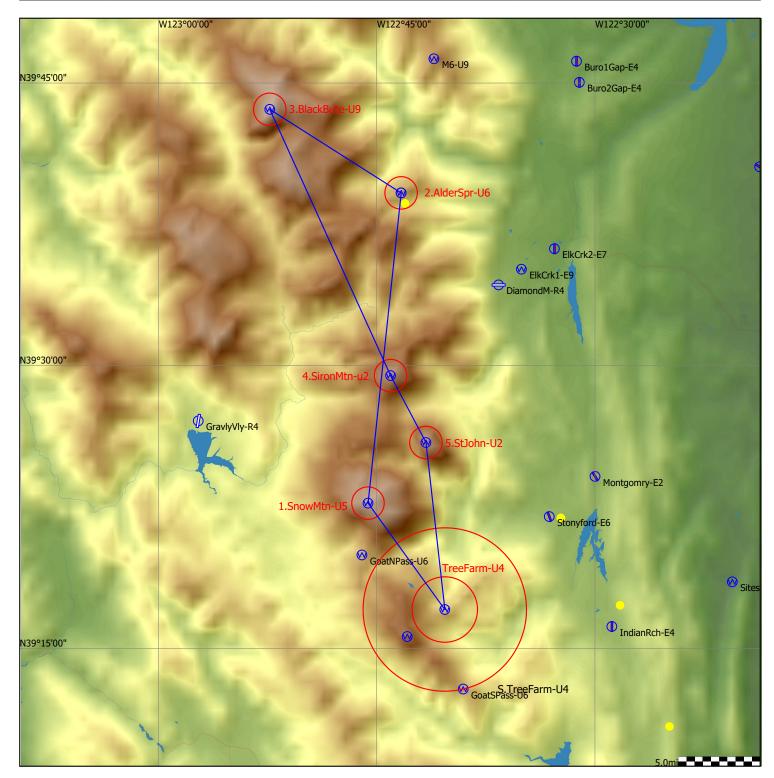
Pro Tip: Stay on top and follow your lines in and out

#### Type: Assigned Task

#### Task Distance: 69.3mi

### **Steps to Black Butte**

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | TreeFarm-U4  | 5 Miles           |                        |
| 1.Point | SnowMtn-U5   | 1 Mile            | 8.0mi                  |
| 2.Point | AlderSpr-U6  | 1 Mile            | 19.0mi                 |
| 3.Point | BlackBute-U9 | 1 Mile            | 9.5mi                  |
| 4.Point | SironMtn-u2  | 1 Mile            | 17.8mi                 |
| 5.Point | StJohn-U2    | 1 Mile            | 4.6mi                  |
| Finish  | TreeFarm-U4  | 2 Miles           | 10.3mi                 |



### **Summer Convergence**

### June 1st - October 15th

Typically this task is going to be most easily completed on a classic convergence day with lift / clouds between 9-12,000Ft

### **Task Tips**

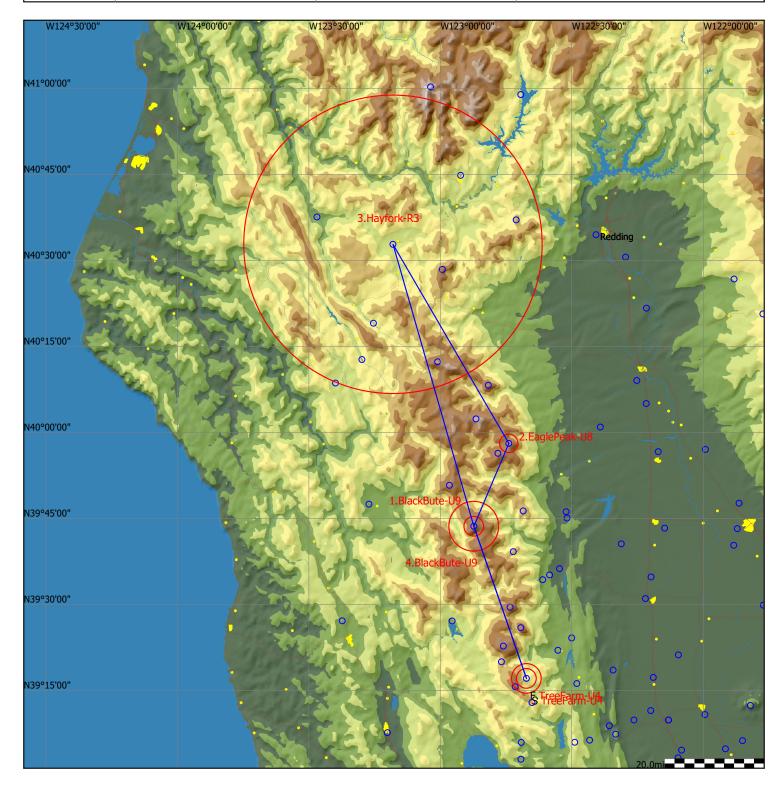
- This task can be done in the spring if we are seeing lift over the Mendo's at 8,000ft or better
- In the spring, it can be difficult to get out to Black Butte
  Pro Tip: Stay on top and fly it twice (Sheet Iron to Black Butte can get soft, patience may be required)

#### Type: Turn Area Task Task Time: 2 Hours 45 Minutes Task Distance: Min: 123.0mi Max: 254.5mi Nom: 187.9mi

### #9 Steps to the Trinities

### **Steps to the Trinities**

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | TreeFarm-U4  | 5 Miles           |                        |
| 1.Point | BlackBute-U9 | 2 Miles           | 32.4mi                 |
| 2.Point | EaglePeak-U8 | 2 Miles           | 18.1mi                 |
| 3.Point | Hayfork-R3   | 30 Miles          | 46.3mi                 |
| 4.Point | BlackBute-U9 | 5 Miles           | 58.9mi                 |
| Finish  | TreeFarm-U4  | 2 Miles           | 32.4mi                 |



### **Summer Convergence**

### June 1st - October 15th

Typically this task is going to be most easily completed on a classic convergence day with lift / clouds between 9-12,000 Ft

### Task Tips

 This task will most likely be completed toward the middle of the summer where the soaring days are long and the convergence is strong

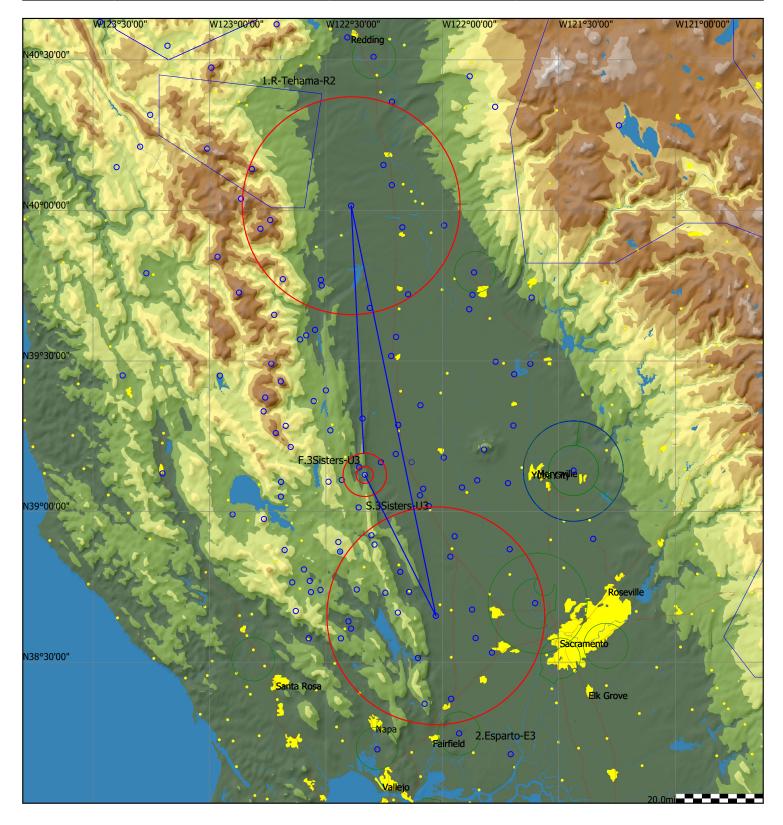
Pro Tip:Look both ways before crossing the Weaverville valley

#### Task Information

#### Type: Turn Area Task Task time: 2 Hours 30 Minutes Task distance: Min: 90.3mi Max: 288.7mi Nom:189.1mi

### **Tour the Sacramento Valley**

|         | Turn Points | Turn Point Radius | Distance Between Turns |
|---------|-------------|-------------------|------------------------|
| Start   | 3Sisters-U3 | 5 Miles           |                        |
| 1.Point | R-Tehama-R2 | 25 Miles          | 56.8mi                 |
| 2.Point | Esparto-E3  | 25 Miles          | 96.1mi                 |
| Finish  | 3Sisters-U3 | 2 Miles           | 36.3mi                 |



### **Post Frontal Spring Day**

### March 15th - July 1st

Typically looking for a good post frontal day with a 6-8,000 ft Cu field running down the valley

### Task Tips

- The Trick of this task may be the first leg getting out to the foot hills and deciding if you want to run in the valley
- Watch for OD and or spread out on the way back
- As you are leaving Esparto on final glide to Williams the landing options get thin if you get flushed off the Berryessa Ridge or the day dies
- Pro Tip: Big decision from the day is valley or mountain day, you may need to use both

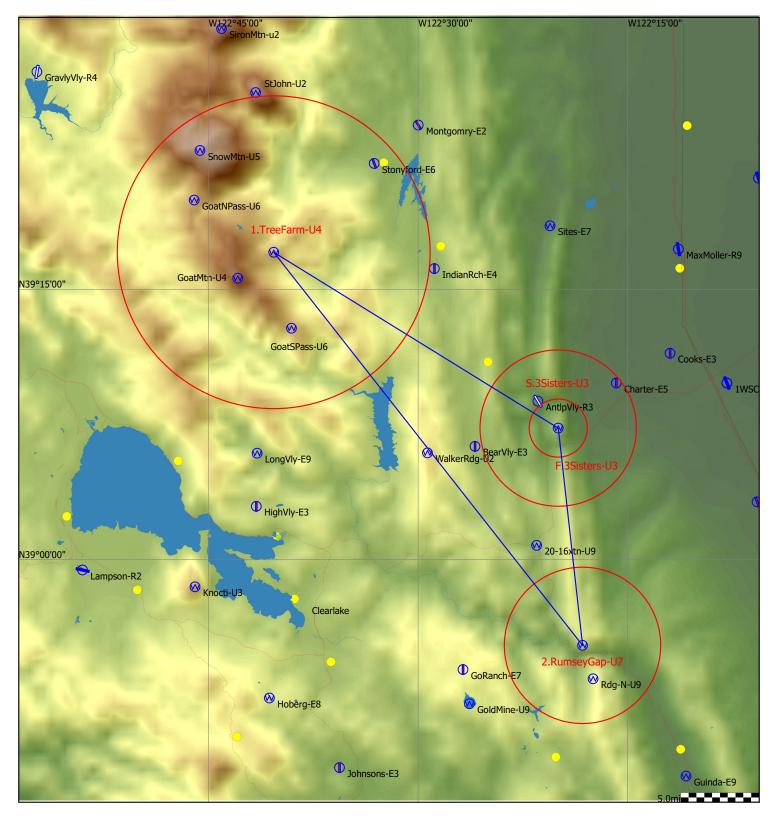
#### **Type: Turn Area Task**

#### Task Time: 1 Hour Task distance: Min 33.3mi Max 99.8mi Nom 67.3mi

#### #11 Bear Valley Triangle

### **Bear Valley Triangle**

|         | Turn Points  | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | 3Sisters-U3  | 5 Miles           |                        |
| 1.Point | TreeFarm-U4  | 10 Miles          | 21.4mi                 |
| 2.Point | RumseyGap-U7 | 5 Miles           | 31.9mi                 |
| Finish  | 3Sisters-U3  | 2 Miles           | 14.0mi                 |



### **Pre/Post Frontal Spring**

### March 15th - July 1st

Looking for about 6-8,000 ft cloud in the foothills. It is possible on low days but make sure you don't get trapped in the hills.

### Task Tips

- Nice and easy valley task for first timers, but for the experienced pilot it could be hard to do fast without missing a climb
- If done correctly, this task will always keep you in glide of WSC or a safe landing option

Pro Tip: Fly the task twice in one day, you will learn a lot about how the days change hour by hour

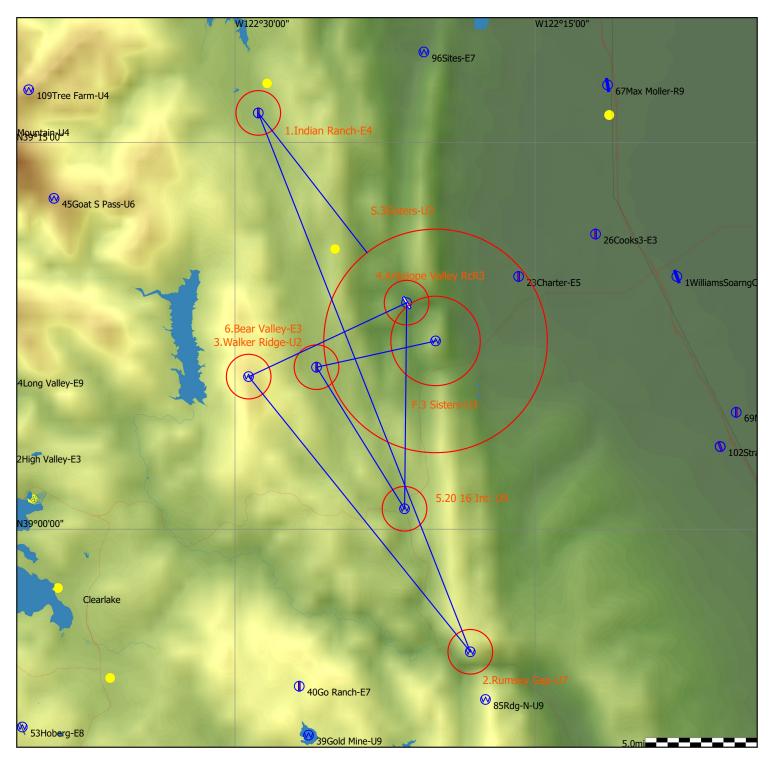
#### Task Information

### Type: Area Task

#### Task Distance: 79.5mi

### **Bear Valley Foot Race**

|         | Turn Points            | Turn Point Radius | Distance Between Turns |
|---------|------------------------|-------------------|------------------------|
| Start   | 3 Sisters-U3           | 5 Miles           |                        |
| 1.Point | 55 Indian Ranch-E4     | 1 Mile            | 7.9mi                  |
| 2.Point | 93 Rumsey Gap-U7       | 1 Mile            | 25.9mi                 |
| 3.Point | 117 Walker Ridge-U2    | 1 Mile            | 15.8mi                 |
| 4.Point | 7 Antelope Valley RcR3 | 1 Mile            | 7.8mi                  |
| 5.Point | 2 20 16 Int. U9        | 1 Mile            | 9.2mi                  |
| 6.Point | 12 Bear Valley-E3      | 1 Mile            | 7.5mi                  |
| Finish  | 3 Sisters-U3           | 2 Miles           | 5.4mi                  |



### **Pre/Post Frontal Spring**

### March 15th - July 1st

Looking for about 6-7,000 ft cloud bases in the foothills late April to early June when the tractors are running the valley is working

### Task Tips

- Nice and easy valley task for first timers, but for the experienced pilot it could be hard to do fast without missing a climb
- If done correctly, this task will always keep you in glide of WSC or a safe landing option
- This task will encourage relay understanding the local area and knowing all of the turn points the locals use

Pro Tip: Flying task twice in one day, you will learn alot about how the days chance hour by hour

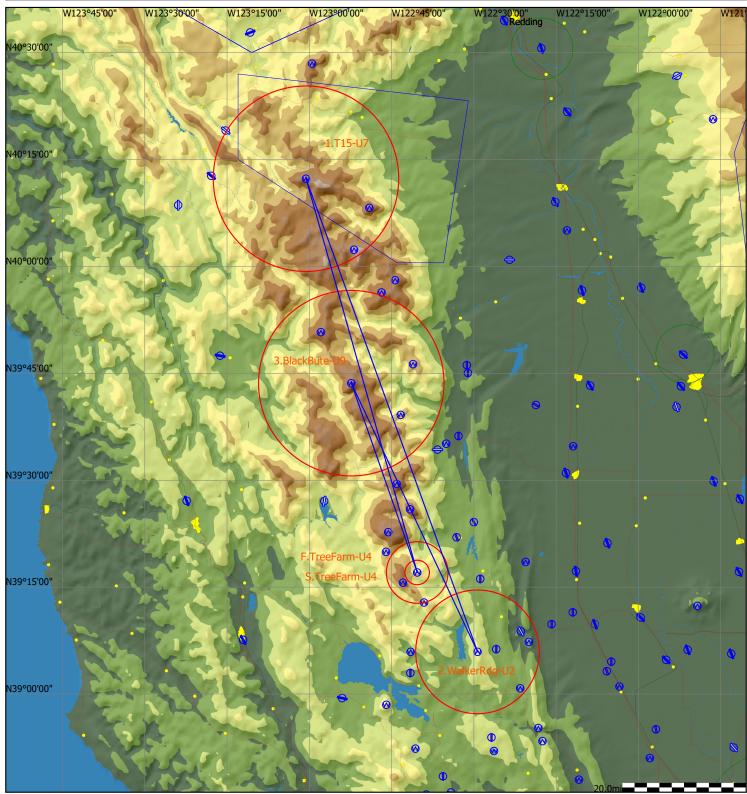
#### Task Information

#### Type: Turn Area Task Task Time: 2 Hours 30 Minutes Task distance: Min: 142.9mi Max: 302.9mi Nom: 227.8mi

### #13 Wandering the Mendos

### Wandering the Mendos

|         | Turn Points  | Turn Point Radus | Distance Between Turns |
|---------|--------------|------------------|------------------------|
| Start   | TreeFarm-U4  | 5 Miles          |                        |
| 1.Point | T15-U7       | 20 Miles         | 66.1mi                 |
| 2.Point | WalkerRdg-U2 | 10 Miles         | 81.3mi                 |
| 3.Point | BlackBute-U9 | 20 Miles         | 48.0mi                 |
| Finish  | TreeFarm-U4  | 2 Miles          | 32.4mi                 |



### **Summer Convergence**

### June 1st - October 15th

Typically this task is going to be most easily completed on a classic convergence day with lift / clouds between 9-12,000Ft

### **Task Tips**

- This task will most likely be completed toward the middle of the summer where the soaring days are long and the convergence is strong
- With a Turn area task it is typically important to stretch as much distance out of the front end of the course so you don't have to stretch out late in the day

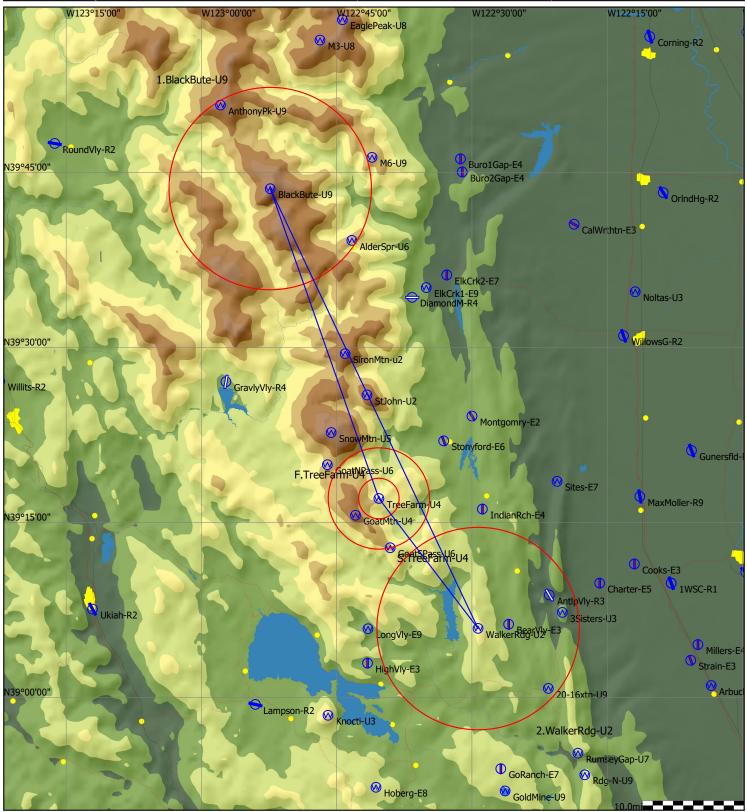
Pro Tip: Stay on top and follow your lines in and out

#### Task Information

#### Type: Turn Area Task Task Time: 1 Hour Task distance: Min: 51.8mi Max: 131.7mi Nom: 96.5mi

### Can You get to Black Butte

|         | Points       | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | TreeFarm-U4  | 5 Miles           |                        |
| 1.Point | BlackBute-U9 | 10 Miles          | 32.4mi                 |
| 2.Point | WalkerRdg-U2 | 10 Miles          | 48.0mi                 |
| Finish  | TreeFarm-U4  | 2 Miles           | 16.1mi                 |



### **Summer Convergence**

### June 1st - October 15th

Typically this task is going to be most easily completed on a classic convergence day with lift / clouds between 9-12,000Ft

### **Task Tips**

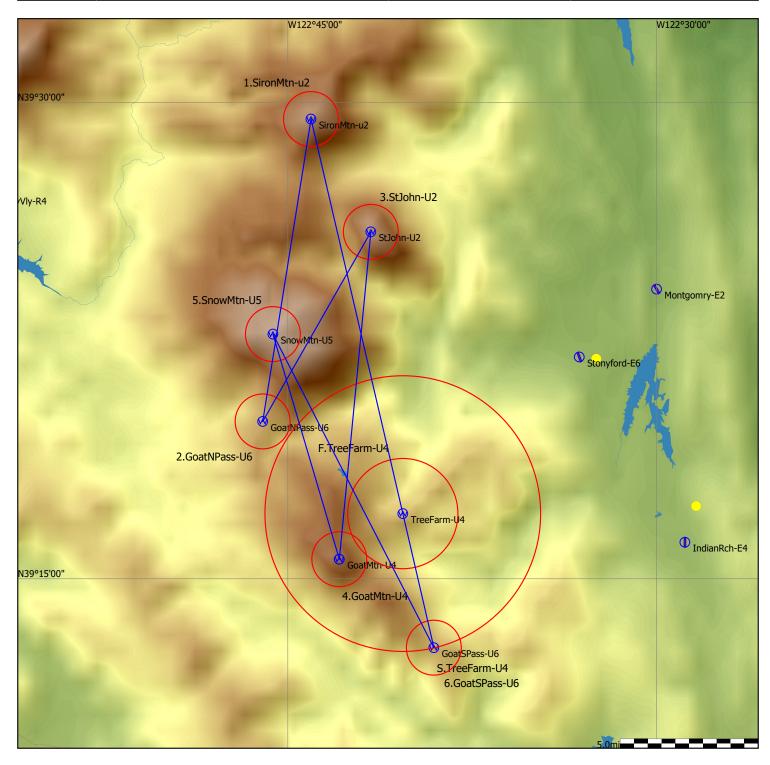
- This task can be done in the spring if we are seeing lift over the Mendo's at 8,000ft or better
- In the spring, it can be difficult to get out to Black Butte
- Remember in the Turn Area Task your goal is to not finish under time so you are going to have to consider how far you can go North AND South Pro Tip: Stay on top and fly it twice (Sheet Iron to Black Butte can get soft, patience may be required) You need to make it to the Switchbacks

#### Task Information

#### Type: Area Task Task Distance: 71.9mi

### Goat Mt. Pin Ball

| Style   | Points       | Turn Point Radius | Distance Between Turns |
|---------|--------------|-------------------|------------------------|
| Start   | TreeFarm-U4  | 5 Miles           |                        |
| 1.Point | SironMtn-u2  | 1 Mile            | 14.7mi                 |
| 2.Point | GoatNPass-U6 | 1 Mile            | 11.1mi                 |
| 3.Point | StJohn-U2    | 1 Mile            | 7.9mi                  |
| 4.Point | GoatMtn-U4   | 1 Mile            | 11.9mi                 |
| 5.Point | SnowMtn-U5   | 1 Mile            | 8.5mi                  |
| 6.Point | GoatSPass-U6 | 1 Mile            | 12.8mi                 |
| Finish  | TreeFarm-U4  | 2 Miles           | 5.0mi                  |



### **Summer Convergence**

### June 1st - October 15th

It can be done in the blue or under clouds, you will need about 9,000ft to get off Goat to start North

### Task Tips

- Look of a minimum of a 9,000 ft hop from Goat to Snow
- Watch your back as you crest Snow and head for Sheet Iron. You are headed downhill, and may feel high and safe until you turn Sheet Iron and are looking up at St. John or Snow
- To get into the turn, you will need to stay on top of the mountain peaks. Do not attempt to get into the turn area to low

Pro Tip: Knowing the local area may be the key to unlock the Pin Ball High Score