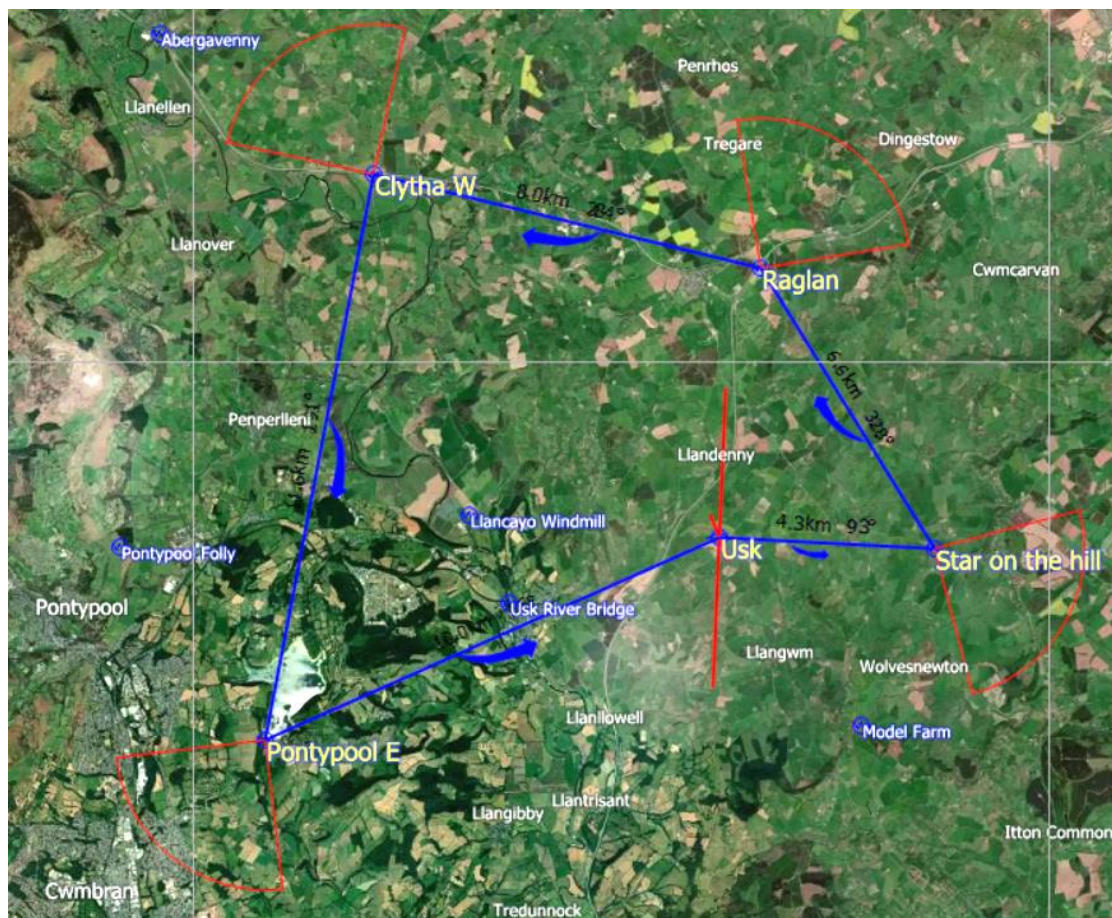


## South Wales Gliding Club – Tasks within gliding range

### Task 6 – 40.5km

Style	Code	Points	Distance	Course
Start	USK	Usk gliding club		
1.Point	STH	Star (pub on Chepstow Road)	4.3km	093°
2.Point	RAG	Junction A40 with A449	6.6km	328°
3.Point	CLY	Clytha W (junction of A40 and B4598)	8.0km	284°
4.Point	PPE	Dam at West end of Llandegfedd res	11.6km	191°
Finish	USK	Usk gliding club	10.0km	066°



Assuming Astir glide angle at 50kts is 36:1;

Assuming 900ft required for circuit, and an extra 450 ft as a safety margin

You need at least 2250 ft (above USK set QFE, in nil wind) at the furthest point (PPE)