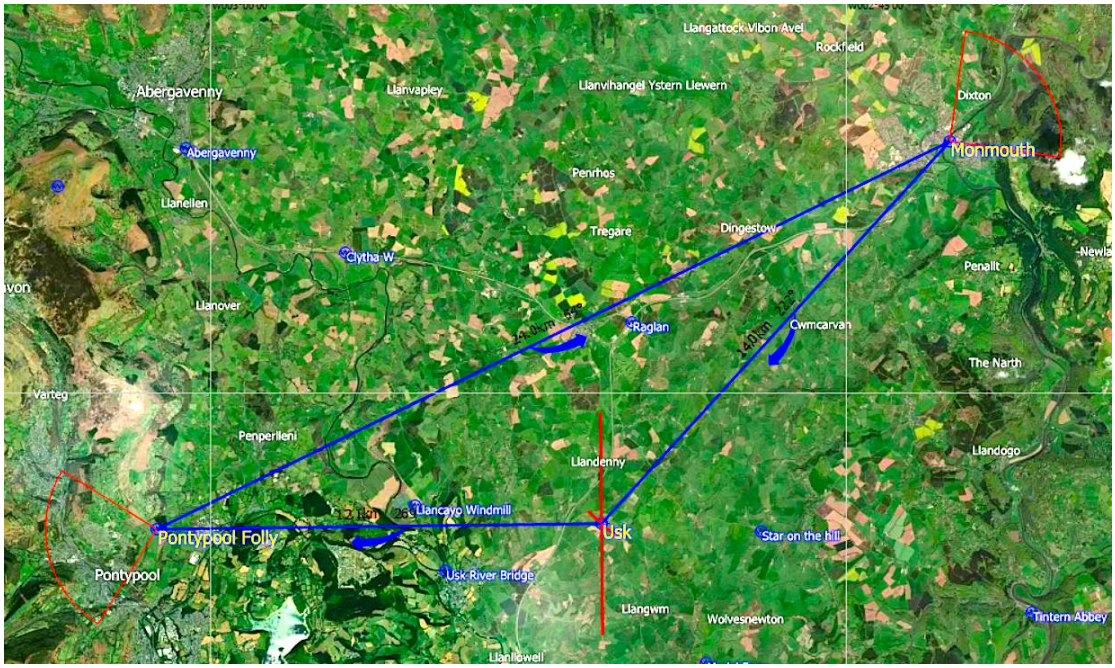
South Wales Gliding Club – Tasks within gliding range

Task 7 – 50.1km

Style	Code	Points	Distance	Course
Start	USK	Usk gliding club		
1. Point	POF	Tower on ridge 1nm NE town	12.1km	269°
2. Point	MOM	River bridge over A466 to E of A40	24.0km	064°
Finish	USK	Usk Gliding club	14.0km	222°



Taking the glide angle of an Astir at 50kts as 36:1;

Assuming 900ft required for circuit, and an extra 500 as a safety margin

You need at least 2700 feet (with QFE Usk set, in nil wind) at furthest point (MOM)