

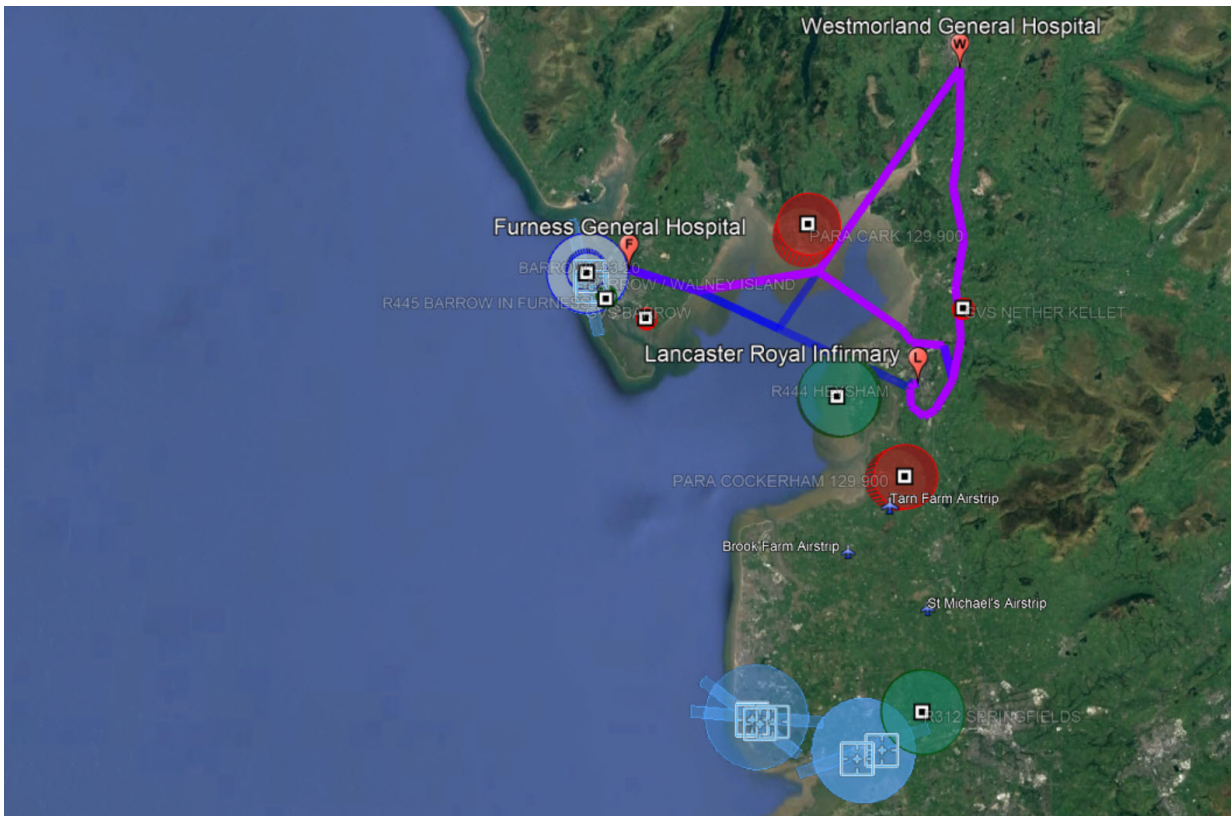


Dimensions and Locations of Temporary Danger Area in support of ACP-2021-022

PLEASE NOTE THE MAXIMUM HEIGHT TO WHICH THE TDA EXTENDS IS 400' AGL.

Airspace Location

The area within which we are proposing to establish a Temporary Danger Area to enable the RPAS to operate in segregated airspace is a triangle across Morecambe Bay between Lancaster, Furness and Westmorland Hospitals.



We are proposing, at this stage two routes, a Blue route and a Purple route.

We will take on board comments regarding these routes as part of the stakeholder engagement process.

The Blue Route



The Purple Route





The Blue Routes

The tracks for the routes are detailed below.

Lancaster Royal Infirmary to Furness General Hospital.

54° 02' 30.28" -2° 48' 02.66"
54° 02' 25.33" -2° 48' 27.59"
54° 02' 13.29" -2° 48' 44.43"
54° 03' 27.41" -2° 53' 00.83"
54° 03' 29.12" -2° 53' 32.02"
54° 04' 55.34" -2° 58' 56.55"
54° 07' 03.55" -3° 06' 30.95"
54° 08' 07.68" -3° 12' 21.23"

Furness General Hospital to Westmorland General Hospital

54° 08' 07.68" -3° 12' 21.23"
54° 07' 03.55" -3° 06' 30.95"
54° 04' 55.34" -2° 58' 56.55"
54° 08' 03.91" -2° 56' 18.03"
54° 18' 20.41" -2° 44' 00.89"

Westmoreland General Hospital to Lancaster Royal Infirmary

54° 18' 20.41" -2° 44' 00.89"
54° 08' 03.91" -2° 56' 18.03"
54° 04' 55.34" -2° 58' 56.55"
54° 03' 29.12" -2° 53' 32.02"
54° 03' 27.41" -2° 53' 00.83"
54° 02' 13.29" -2° 48' 44.43"
54° 02' 25.33" -2° 48' 27.59"
54° 02' 30.28" -2° 48' 02.66"

The airspace required for the Temporary Danger Area has a service ceiling of 400' AGL and is based on an airspace width of 800' centred on the above track.



The Purple Routes

The tracks for the routes are detailed below.

Lancaster Royal Infirmary to Furness General Hospital.

54° 02' 30.28" -2° 48' 02.66"
54° 02' 25.33" -2° 48' 27.59"
54° 02' 13.29" -2° 48' 44.43"
54° 01' 20.29" -2° 48' 41.11"
54° 01' 50.06" -2° 47' 38.10"
54° 01' 08.94" -2° 46' 42.16"
54° 02' 37.57" -2° 45' 10.08"
54° 04' 20.50" -2° 45' 50.84"
54° 04' 29.53" -2° 48' 32.83"
54° 05' 11.43" -2° 49' 29.46"
54° 08' 03.91" -2° 56' 18.03"
54° 07' 03.55" -3° 06' 35.68"
54° 08' 07.68" -3° 12' 21.23"

Furness General Hospital to Westmorland General Hospital

54° 08' 07.68" -3° 12' 21.23"
54° 07' 03.55" -3° 06' 30.95"
54° 08' 03.91" -2° 56' 18.03"
54° 18' 20.41" -2° 44' 00.89"

Westmorland General Hospital to Lancaster Royal Infirmary

Via Morecambe Bay

54° 18' 20.41" -2° 44' 00.89"
54° 08' 03.91" -2° 56' 18.03"
54° 05' 14.35" -2° 49' 15.52"
54° 04' 20.50" -2° 45' 50.84"
54° 02' 37.57" -2° 45' 10.08"
54° 01' 08.94" -2° 46' 42.16"
54° 01' 50.06" -2° 47' 38.10"
54° 01' 20.29" -2° 48' 41.11"
54° 02' 13.29" -2° 48' 44.43"
54° 02' 25.33" -2° 48' 27.59"
54° 02' 30.28" -2° 48' 02.66"

Overland

54° 02' 30.28" -2° 48' 02.66"
54° 02' 25.33" -2° 48' 27.59"
54° 02' 13.29" -2° 48' 44.43"
54° 01' 20.29" -2° 48' 41.11"
54° 01' 50.06" -2° 47' 38.10"
54° 01' 08.94" -2° 46' 42.16"
54° 02' 37.57" -2° 45' 10.08"
54° 04' 20.50" -2° 45' 50.84"
54° 04' 38.82" -2° 46' 57.98"
54° 07' 08.92" -2° 46' 57.98"
54° 09' 36.02" -2° 43' 40.04"
54° 12' 19.16" -2° 44' 48.46"
54° 14' 38.47" -2° 44' 10.38"
54° 18' 20.41" -2° 44' 00.89"

The airspace required for the Temporary Danger Area has a service ceiling of 400' AGL and is based on an airspace width of 800' centred on the above track.