Appendix 28 to the Flight Operation Document FO2024-22   
03.04.2025  
ISSUE 00  
Flight Route 28

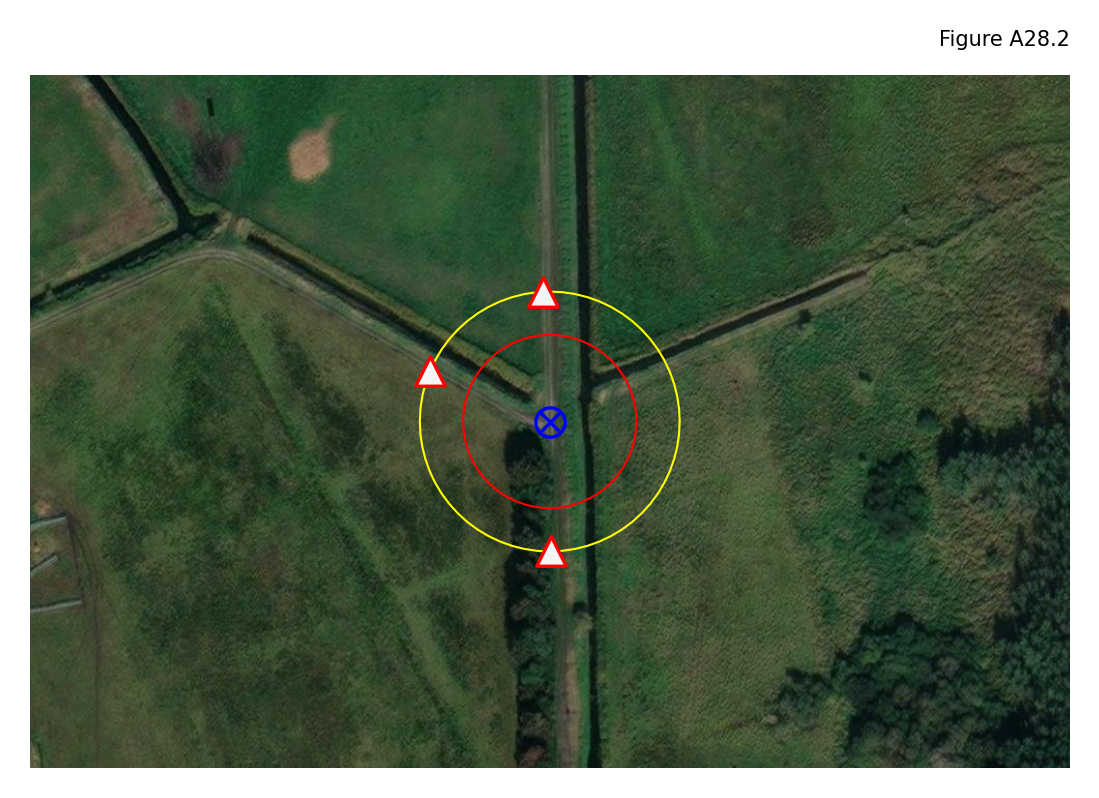
# 1. Route Overview

Figure A28.1 gives a general overview of the mission.  


# 2. Flight Distances and Times

|  |  |  |  |
| --- | --- | --- | --- |
| **Route distances** | **2D-Distance** | **3D-Distance** | **Estimated Flight Time** |
| From take-off/landing site and back | 79.36 km | 83.33 km | 463 min |

# 3. Takeoff and Landing Sites

Takeoff and Landing occur at coordinates (54.05822°N 13.86399°E), see Figure A28.2 for details.

# 4. Detailed Information

## Detailed Population Density Assessment

None required

## Individual Approvals

None required

## Highway

None required

## Railway Lines

See Figure A28.1 and under 'Coordinates'.   
At point R1 a railway line is crossed at an angle of 90°.   
At point R2 a railway line is crossed at an angle of 90°.   
At point R5 a railway line is crossed at an angle of 90°.

## Federal Waterways

See Figure A28.1 and under 'Coordinates'   
From point W1 to point W2/N5 the route conducts over the seawaterway Ostsee.   
From point W3 to point W4/N3 the route conducts over the seawaterway Ostsee.   
From point W5 to point W6/N4 the route conducts over the seawaterway Ostsee.   
From point W7 to point W8 the route conducts over the seawaterway Ostsee.

## Power Lines

None required

## Closest public interest site (PIS)

AMEOS Klinikum Anklam, PIS MV303: 13.84 km

## Natural Preserves

None required.

# 5. Coordinates

|  |  |  |
| --- | --- | --- |
| Point | Lat | Lon |
| Northernmost | 54.06762 | 13.92824 |
| Easternmost | 53.98466 | 14.07332 |
| Southernmost | 53.88122 | 13.92304 |
| Westernmost | 54.02468 | 13.71988 |
| TO-Site | 54.05822 | 13.86399 |
| P1 | 53.92453 | 13.99924 |
| P2 | 53.92249 | 13.98469 |
| P3 | 53.90603 | 13.95452 |
| P4 | 53.88522 | 13.91806 |
| PIS Klinikum Anklam | 53.84852 | 13.69936 |
| W1 | 54.06356 | 13.91275 |
| W7 | 53.95881 | 14.01584 |
| W3 | 53.91014 | 13.88711 |
| N1 | 54.05481 | 13.89589 |
| N2 | 54.03434 | 13.75347 |
| N3 | 54.03434 | 13.75347 |
| W5 | 54.035 | 13.76863 |
| R1 | 54.02107 | 13.72326 |
| W4/N3 | 54.03434 | 13.75347 |
| W2/N5 | 53.88717 | 13.9157 |
| E1 | 53.95858 | 14.04069 |
| H2 | 54.0339 | 14.02517 |
| H1 | 54.03952 | 14.01266 |
| R2 | 54.04006 | 14.01451 |
| W8 | 54.05842 | 13.95388 |
| H3 | 54.01802 | 14.04352 |
| W9 | 54.01059 | 14.03845 |
| E2 | 53.982 | 13.76683 |
| R5 | 54.03518 | 13.75281 |
| W6/N4 | 53.97241 | 14.04622 |

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