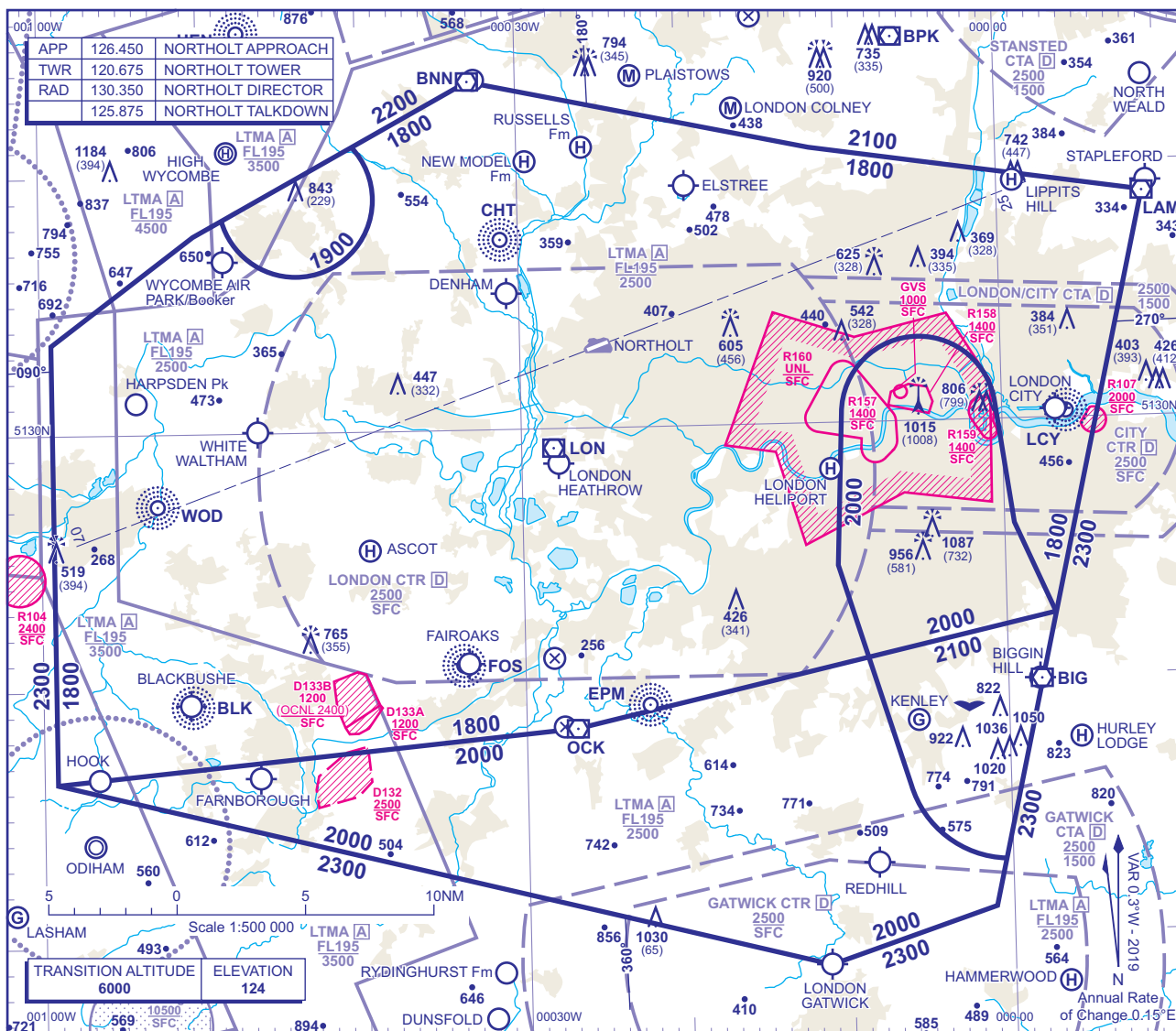


**ATC SURVEILLANCE MINIMUM
ALTITUDE CHART - ICAO**BEARINGS, TRACKS AND RADIALS ARE MAGNETIC
ALTITUDES ARE IN FEET **1184**
HEIGHTS IN AGL (393)**NORTHOLT****MINIMUM INITIAL ALTITUDE**

Within the ATC Surveillance Minimum Altitude area the minimum initial altitude to be allocated by the approach surveillance controller is:

- 1800** in the sector defined by the lateral limits: 513331N 0005917W - 513742N 0005019W - 513819N 0004830W thence anticlockwise by an arc of a circle radius 3NM centred on 513905N 0004351W to 514106N 0004017W - 514334N 0003259W - 514044N 0001141W - 513846N 0000906E - 512225N 0000302E - 512556N 0000036E - 513040N 0000026W then anticlockwise by an arc of a circle radius 3NM centred on 513016N 0000512W to 513022N 0001000W - 512426N 0001026W - 512049N 0000840W - 511818N 0002650W - 511624N 0005911W - 513331N 0005917W.
- 1900** in the sector defined by the lateral limits: 513819N 0004830W - 514106N 0004017W thence clockwise by an arc of a circle radius 3NM centred on 513905N 0004351W to 513819N 0004830W.
- 2000** in the sector defined by the lateral limits: 511624N 0005911W - 511818N 0002650W - 512049N 0000840W - 511548N 0000613W - thence anticlockwise by an arc of a circle radius 4NM centred on 511651N 0000005W to 511252N 0000025W - 511101N 0000106W - 510853N 0001125W - 511624N 0005911W.
- 2000** in the sector defined by the lateral limits: 513022N 0001000W thence clockwise by an arc of a circle radius 3NM centred on 513016N 0000512W to 513040N 0000026W - 512556N 0000036E - 512225N 0000302E - 512049N 0000840W - 512426N 0001026W - 513022N 0001000W.
- 2100** in the sector defined by the lateral limits: 512049N 0000840W - 512225N 0000302E - 511252N 0000025W thence clockwise by an arc of a circle radius 4NM centred on 511651N 0000005W to 511548N 0000613W - 512049N 0000840W.

OUTSIDE THE DESIGNATED ATC SURVEILLANCE MINIMUM ALTITUDE AREA

The minimum altitude to be allocated by the approach surveillance controller will be the Minimum Sector Altitude.

LOSS OF COMMUNICATION PROCEDURES

In the event of radio communication failure in an aircraft, aircrew are to adopt the appropriate procedures described in UK CIV AIP ENR 1.1.3. Additionally, aircrew are to follow the Northolt procedures published in the UK CIV AIP AD 2-EGWU-1-7/8 and UK MIL AIP AD 2-EGWU-1-15/16.

GENERAL INFORMATION

- Levels shown are based on QNH.
- Only significant obstacles and dominant spot heights are shown.
- The minimum levels shown within the ATC Surveillance Minimum Altitude Area are in conformance with the Standard European Rules of the Air - SERA.5015.
- Minimum Sector Altitudes are based on obstacles and spot heights within 40NM of the Aerodrome Reference Point.
- Controlled airspace with a base in excess of **5000** or FL55, as appropriate, is not shown.
- 913FT vertical separation approved against the Crystal Palace mast to meet ATS operational requirements.
- Allocation of altitudes and the provision of vectors to aircraft under ATSOCAS will be in accordance with CAP 774 and the Manual Military Air Traffic Management.
- This chart may only be used for cross-checking of altitudes assigned when in receipt of an ATC Surveillance service.**

CHANGE (4/19): DANGER AREA D133 RENAMED D133B.