# INSTRUMENT APPROACH CHART - ICAO

# LONDON HEATHROW

## RNP
## RWY 27L
(ACFT CAT A,B,C,D)

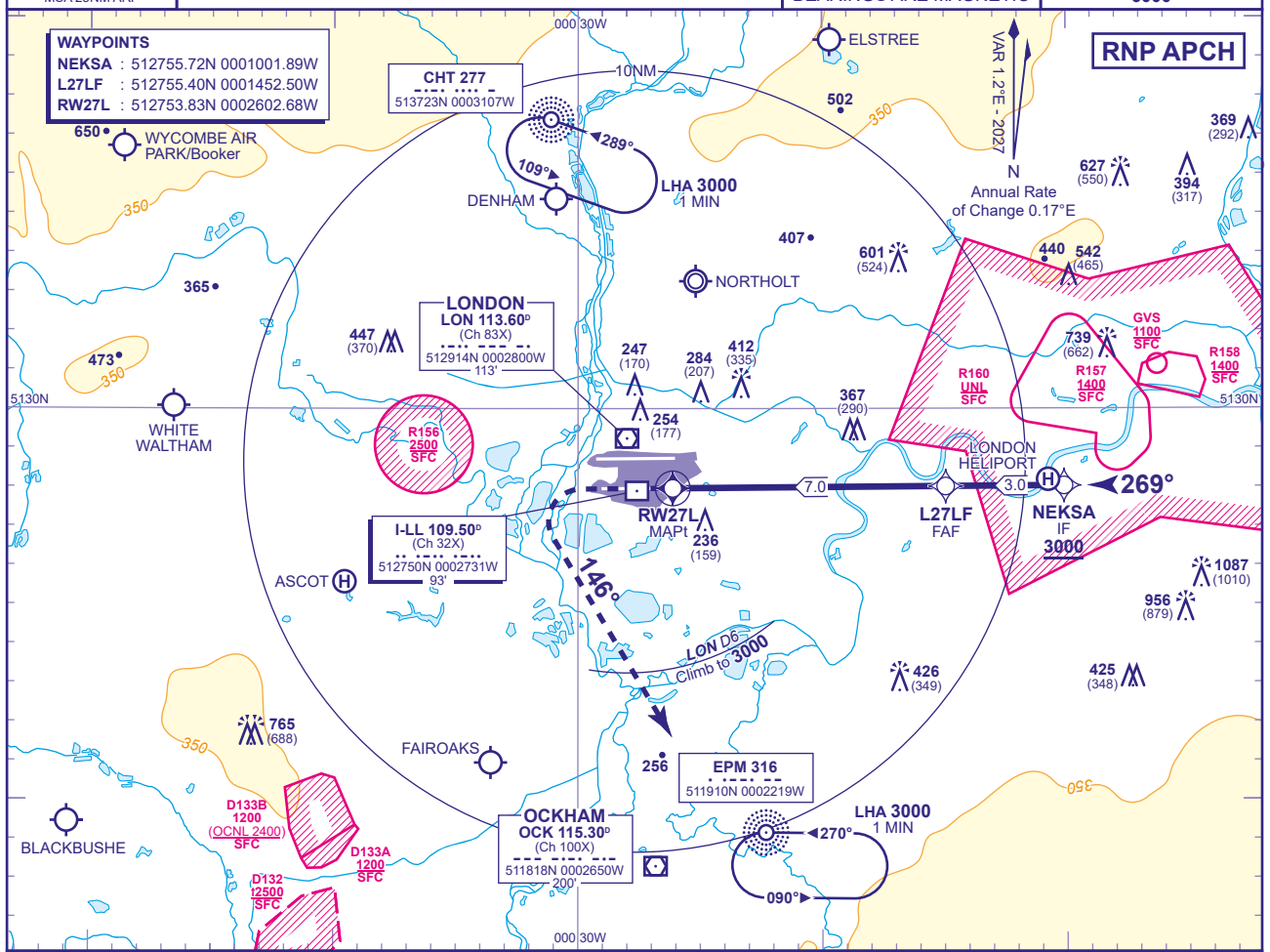
2₃

MSA 25NM ARP

| | | | |
|---|---|---|---|
| APP 119.730, 120.400, 127.525, 134.980 | HEATHROW DIRECTOR | AD ELEVATION | 83 |
| TWR 118.505, 118.705, 124.480 | HEATHROW TOWER | THR ELEVATION | 77 |
| RAD 125.625, 127.525 | HEATHROW RADAR | OBSTACLE ELEVATION | |
| ATIS 128.080, 113.750, 117.000 | HEATHROW INFORMATION | **1087 AMSL** (1010) (ABOVE THR) | |
| | | BEARINGS ARE MAGNETIC | |

MIN TEMP **-10°C**

TRANSITION ALTITUDE **6000**




**RECOMMENDED PROFILE** VERTICAL PATH ANGLE 3.2° (5.6%), 340FT/NM

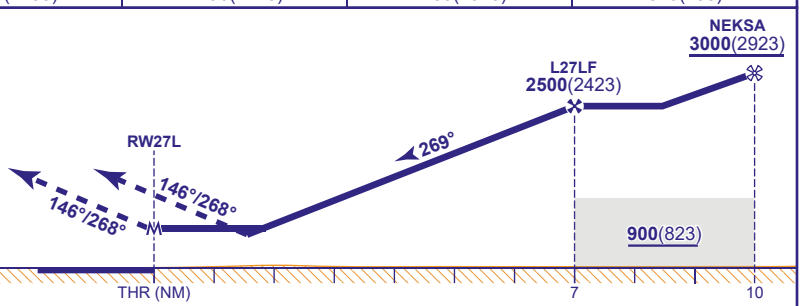
| NM to RW27L | 6 | 5 | 4 | 3 | 2 |
|---|---|---|---|---|---|
| ALT(HGT) | **2170**(2093) | **1830**(1753) | **1490**(1413) | **1150**(1073) | **810**(733) |

**TCH 50**

**MAPt (LNAV): RW27L**

Climb to **2000** - straight ahead until passing **1080** or **I-LL DME** zero inbound whichever is later, then turn left onto track 146°. After passing **1080** revert to conventional navigation. When established and passing **LON DME** 6 climb to **3000** without delay. Continue as directed.

RCF: On reaching **3000** proceed to **NDB EPM** at **3000**.




| Aircraft Category | | A | B | C | D |
|---|---|---|---|---|---|
| OCA (OCH) | LNAV/VNAV | **380**(303) | **390**(313) | **400**(323) | **440**(363) |
| | LNAV | **640**(563) | **640**(563) | **640**(563) | **640**(563) |
| VM(C)OCA (OCH AAL) | Total Area | **770**(687) | **770**(687) | **940**(857) | **940**(857) |

| Rate of descent | G/S KT | 160 | 140 | 120 | 100 | 80 |
|---|---|---|---|---|---|---|
| | FT/MIN | 910 | 790 | 680 | 570 | 450 |

**NOTES**
1. Pilots should 'Request RNP Approach' on first contact with Heathrow Director.
2. Aircraft will normally be radar vectored from the STAR Holding/Initial Approach Fixes.
3. Pilots should not expect descent clearance below **4000** until 13NM from touchdown.
4. Missed Approach Procedure and RCF use conventional navigation aids and are not available without DME I-LL, DME LON and NDB EPM.
5. PAPI angle is 3.0°.

**CHANGE (13/25):** MAG VAR UPDATED. MAG HEADINGS.