

APP	119.730, 120.400*, 127.525*, 134.980*	HEATHROW DIRECTOR
TWR	118.505, 118.705*, 124.475*	HEATHROW TOWER
RAD	125.625*, 127.525*	HEATHROW RADAR
ATIS	128.080, 113.750, 115.100	HEATHROW INFORMATION

* See EGLL AD 2.18 for details.

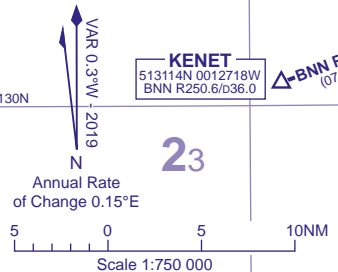
TRANSITION ALTITUDE	6000
TRANSITION LEVEL	ATC
AREA MNM ALT (x100)	26

DESCENT PLANNING
Pilots should plan for possible descent clearance as detailed in the table below.
ACTUAL DESCENT CLEARANCE WILL BE AS DIRECTED BY ATC.

HOLDING SPEEDS
Maximum holding speed in the LTMA up to and including FL140 is 220KIAS. At FL150 and above standard ICAO holding speeds apply.

WARNING
For Minimum Descent Rate requirements See ENR 1.1 para 3.2.

WARNING
Do not proceed beyond BNN without ATC clearance.



- BNN 4A Arrival via L15 (FL150 to FL190), L10 (FL140 and below), L612 (FL90 to FL140) to HON VOR continue on HON VOR R140 to TOBID then SOPIT to WCO NDB then turn left onto BNN VOR R297 to BNN VOR. FL150 by SOPIT (Heathrow only) FL150 by 5NM before SOPIT (Northolt only)
- BNN 1B Arrivals via (UJ)53 (FL200+) continue to NUGRA. From NUGRA continue on 148° to TOBID then turn left onto HON VOR R140 to SOPIT to WCO NDB then turn left onto BNN VOR R297 to BNN VOR. FL200 by TOBID FL150 by SOPIT (Heathrow only) FL150 by 5NM before SOPIT (Northolt only)
- BNN 1C Arrival via M605 (FL70) to DTY VOR continue on DTY VOR R165 to WCO NDB then turn left onto BNN VOR R297 to BNN VOR.
- BNN 1D Arrival via KENET continue on BNN VOR R251 to BNN VOR.
- BNN 1E From LAM VOR maintain LAM VOR R276 to DONNA then turn right onto inbound holding track 117° to BNN VOR.

- GENERAL INFORMATION**
- Standard Routes may be varied at the discretion of ATC.
 - Cross SLPs or 3 min before holding facility at 250KIAS or less.
 - When BNN VOR is out of service the route will be to BOVVA, see AD 2-EGLL-7-5.
 - En-route holding in HON VOR: During periods of congestion in the London TMA traffic from the north may be required to hold at HON VOR.
 - As lowest level in BNN holding stack (7000) is above transition altitude, aircraft will be instructed by ATC to fly at the appropriate flight level.
 - The routes shown also apply to aircraft inbound to Northolt and Denham.
 - In order to provide airspace management flexibility during periods of congestion in the London TMA, STARs BNN 1D and BNN 1E are to facilitate the transfer of traffic between terminal holding facilities. These STARs are for use only as directed by ATC and must not be used for flight planning purposes.