

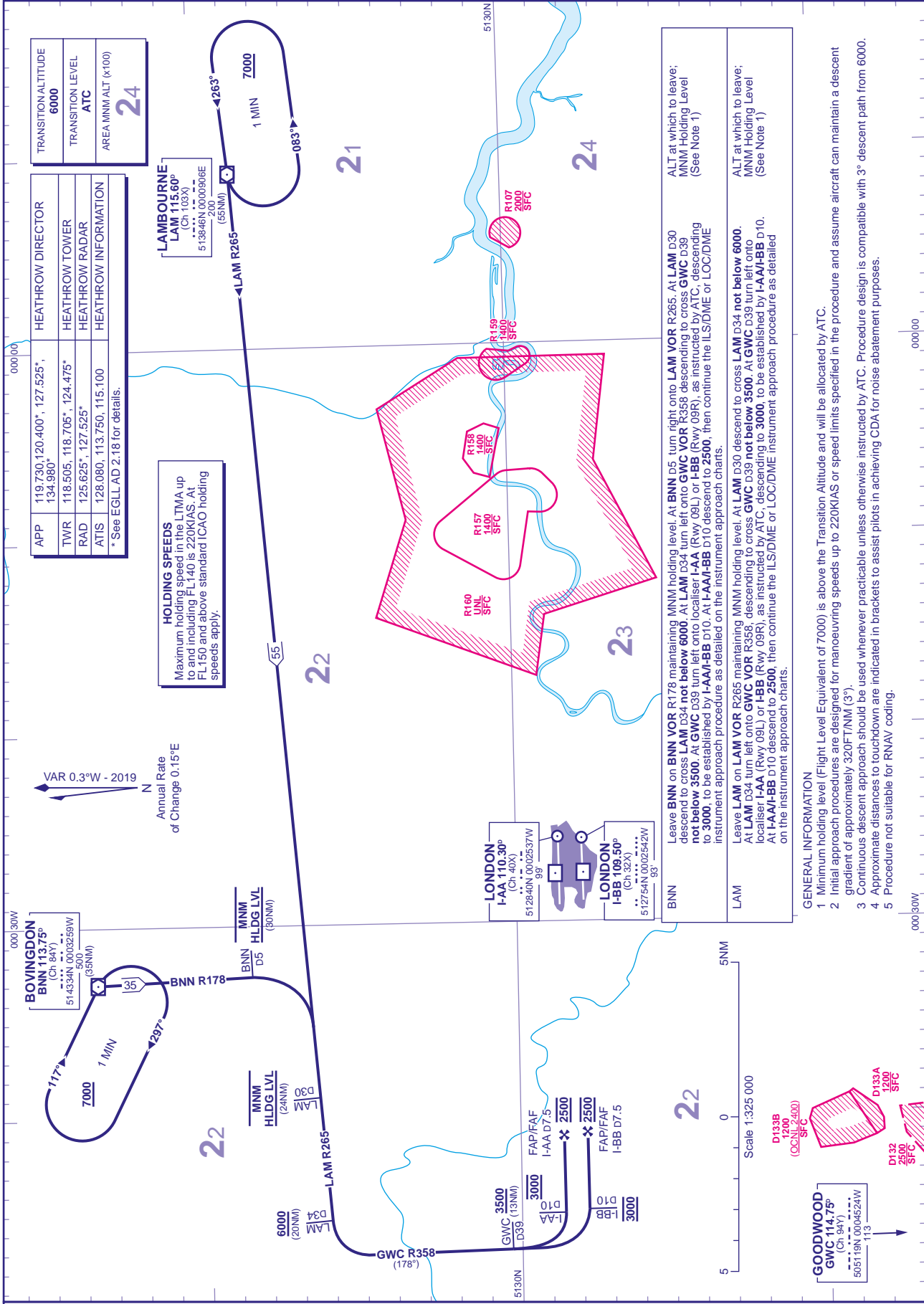
INITIAL APPROACH PROCEDURES

ILS RWY 09L/R Without Radar Control

DISTANCES IN NAUTICAL MILES
BEARINGS, TRACKS AND RADIALS ARE MAGNETIC
ALTITUDES AND ELEVATIONS ARE IN FEET

LONDON HEATHROW

via BNN and LAM



TRANSITION ALTITUDE	6000
TRANSITION LEVEL	ATC
AREA MNM ALT (x100)	24

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.		

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

VAR 0.3°W - 2019
Annual Rate of Change 0.15°E

LAMBOURNE
LAM 115.60°
(Ch. 103)
513846N 00009306E
200
(55NM)

Leave **BNN** on **BNN VOR** R178 maintaining MNM holding level. At **BNN** D5, turn right onto **LAM VOR** R265. At **LAM** D30 descend to cross **LAM** D34 **not below 6000**. At **LAM** D34 turn left onto **GWC VOR** R358 descending to cross **GWC** D39 **not below 3500**. At **GWC** D39 turn left onto localiser **I-AA** (Rwy 09L) or **I-BB** (Rwy 09R), as instructed by ATC, descending to **3000**, to be established by **I-AA/I-BB** D10. At **I-AA/I-BB** D10 descend to **2500**, then continue the ILS/DME or LOC/DME instrument approach procedure as detailed on the instrument approach charts.

Leave **LAM** on **LAM VOR** R265 maintaining MNM holding level. At **LAM** D30 descend to cross **LAM** D34 **not below 6000**. At **LAM** D34 turn left onto **GWC VOR** R358, descending to cross **GWC** D39 **not below 3500**. At **GWC** D39 turn left onto localiser **I-AA** (Rwy 09L) or **I-BB** (Rwy 09R), as instructed by ATC, descending to **3000**, to be established by **I-AA/I-BB** D10. At **I-AA/I-BB** D10 descend to **2500**, then continue the ILS/DME or LOC/DME instrument approach procedure as detailed on the instrument approach charts.

LONDON
I-AA 110.30°
(Ch. 40X)
512840N 0002537W
99°

LONDON
I-BB 109.50°
(Ch. 12X)
512754N 0002542W
83°

BNN
BNN VOR R178
514339N 0003259W
500
(35NM)

BOVINGDON
BNN 113.75°
(Ch. 84Y)
514339N 0003259W
500
(35NM)

GOODWOOD
GWC 114.75°
(Ch. 94Y)
505119N 0004524W
113

LONDON
I-AA 110.30°
(Ch. 40X)
512840N 0002537W
99°

LONDON
I-BB 109.50°
(Ch. 12X)
512754N 0002542W
83°

ALT at which to leave;
MNM Holding Level
(See Note 1)

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MNM Holding Level
(See Note 1)

- GENERAL INFORMATION**
- 1 Minimum holding level (Flight Level Equivalent of 7000) is above the Transition Altitude and will be allocated by ATC.
 - 2 Initial approach procedures are designed for manoeuvring speeds up to 220KIAS or speed limits specified in the procedure and assume aircraft can maintain a descent gradient of approximately 300FT/NM (3°).
 - 3 Continuous descent approach should be used whenever practicable unless otherwise instructed by ATC. Procedure design is compatible with 3° descent path from 6000.
 - 4 Approximate distances to touchdown are indicated in brackets to assist pilots in achieving CDA for noise abatement purposes.
 - 5 Procedure not suitable for RNAV coding.

CHANGE (10/19): APP FREQUENCY 119.725 AMENDED TO 119.730. AREA MNM ALT REVIEW.