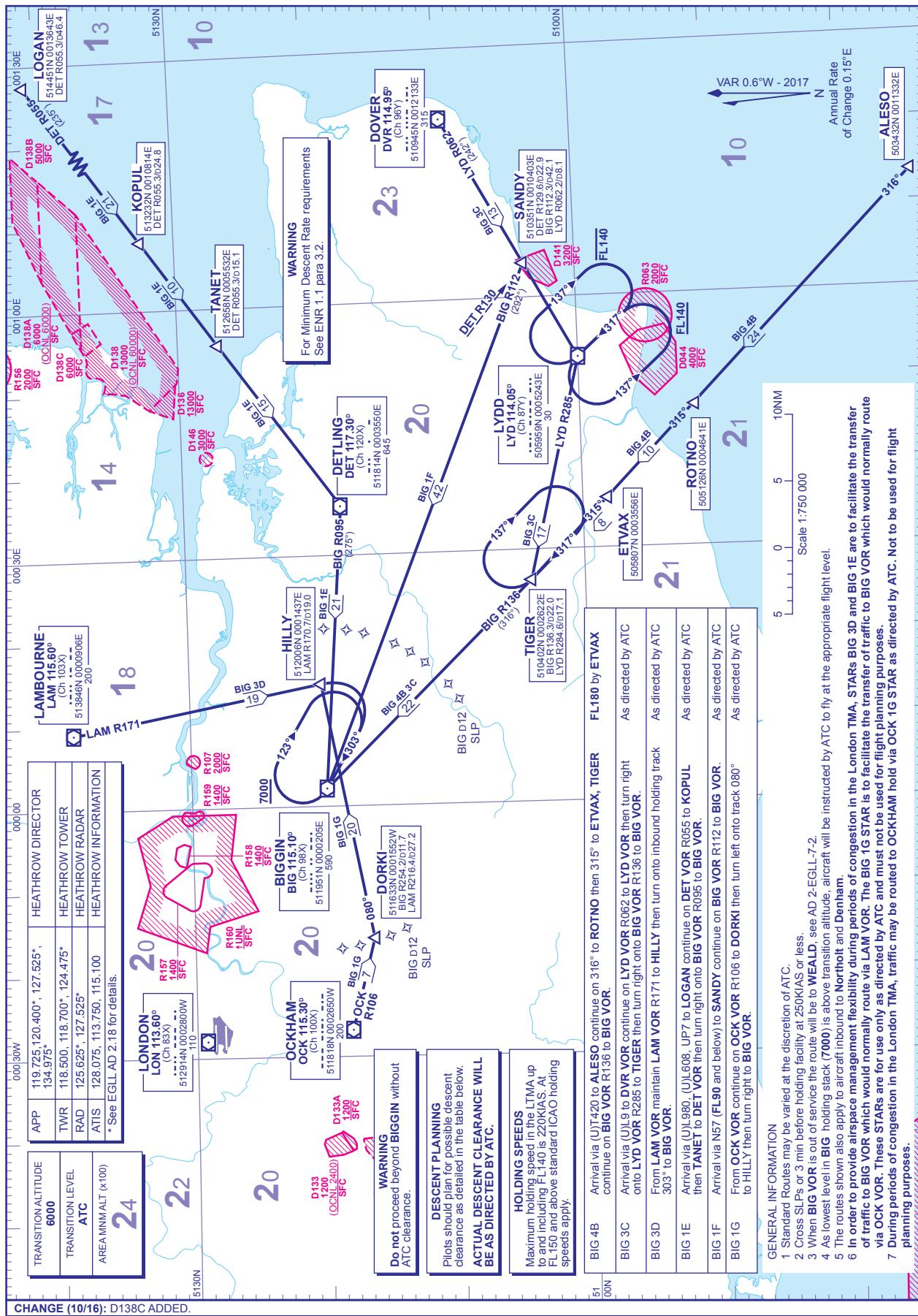


STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

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

LONDON HEATHROW
via BIGGIN



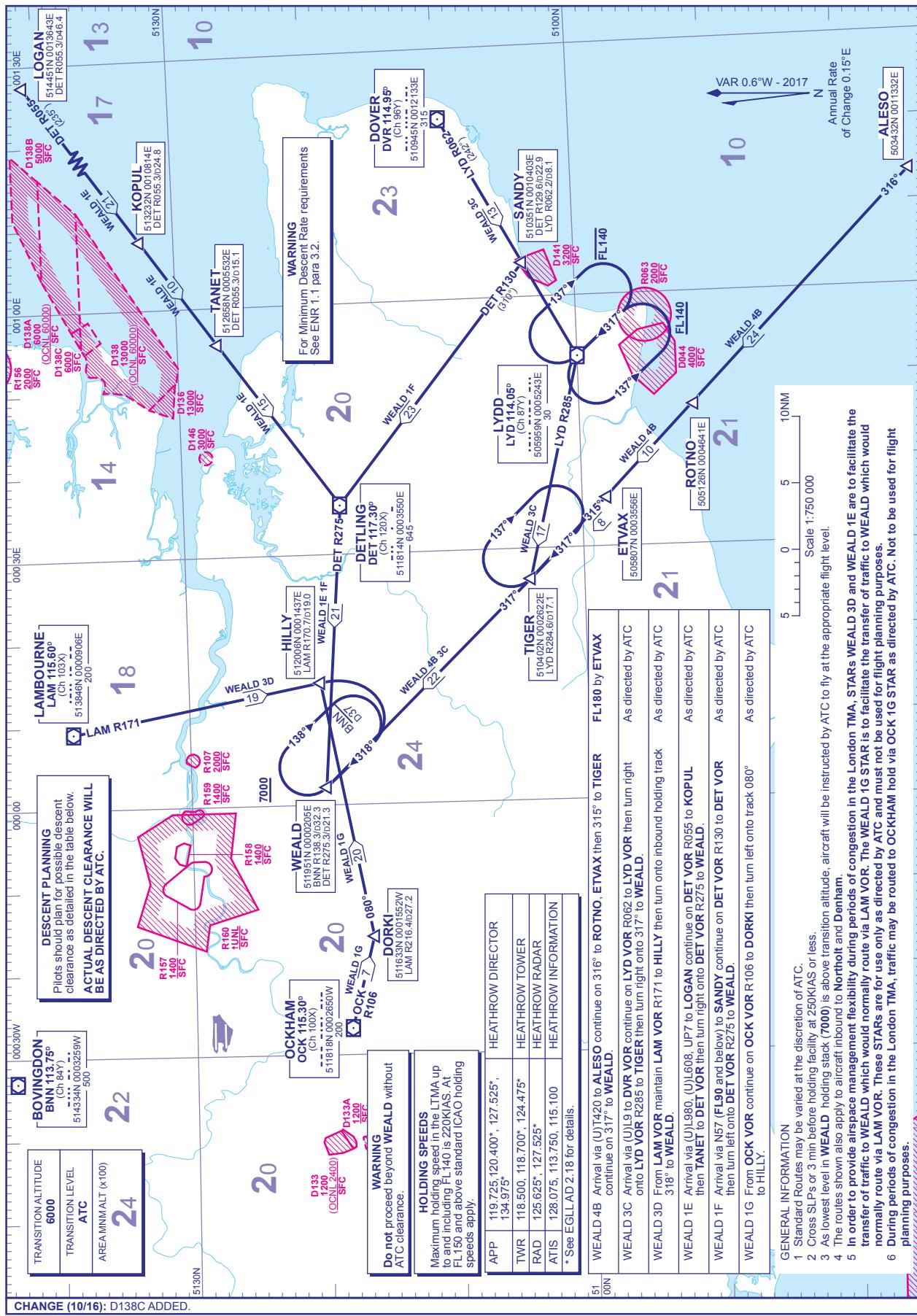
CHANGE (10/16): D138C ADDED

AERO INFO DATE 23 JUN 16

STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

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

LONDON HEATHROW
via WEALD (VOR BIG u/s)



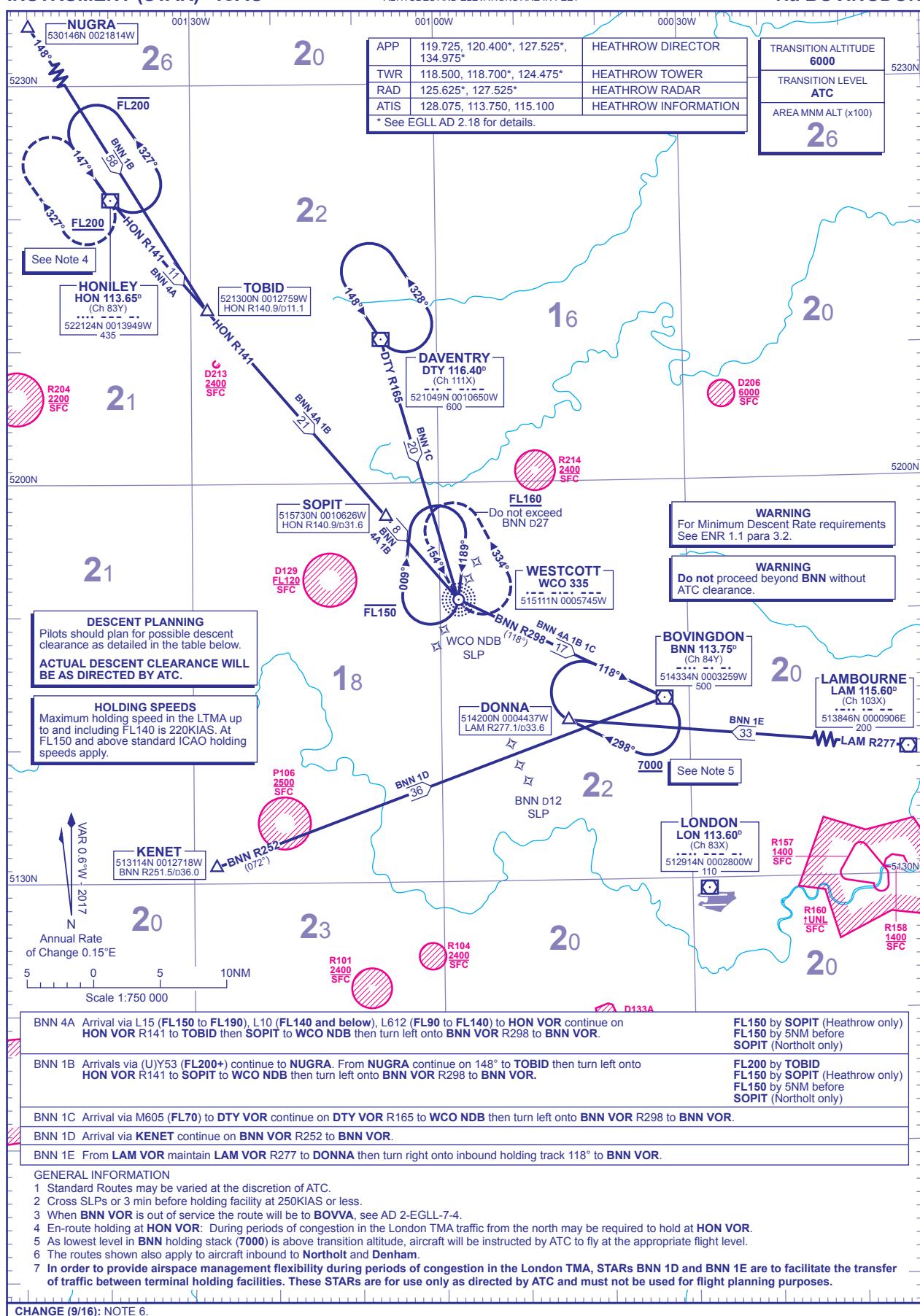
CHANGE (10/16): D138C ADDED

AERO INFO DATE 23 JUN 16

STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

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

LONDON HEATHROW
via BOVINGDON

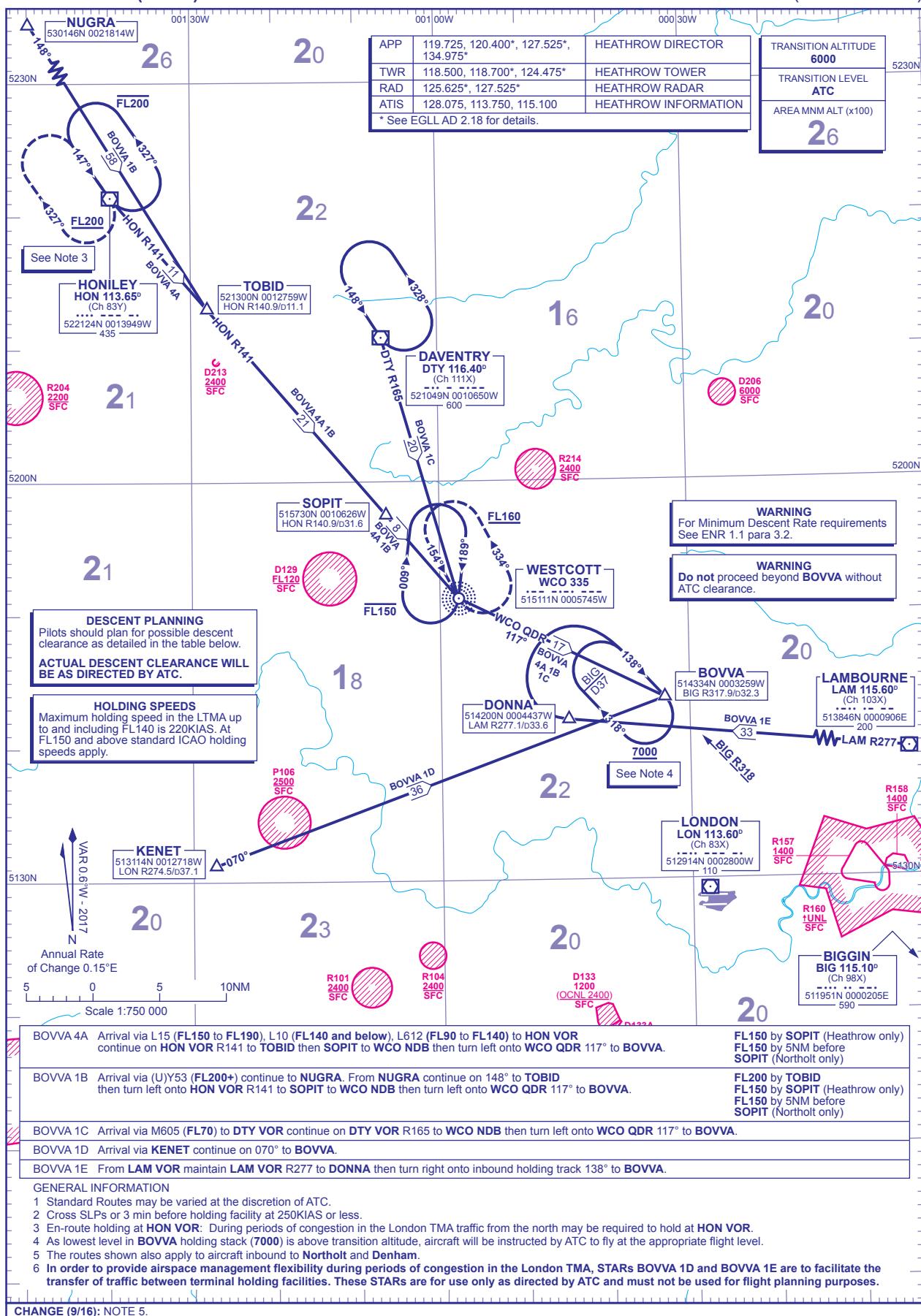


AERO INFO DATE 3 JUN 1

AERO INFO DATE 2 JUN 16

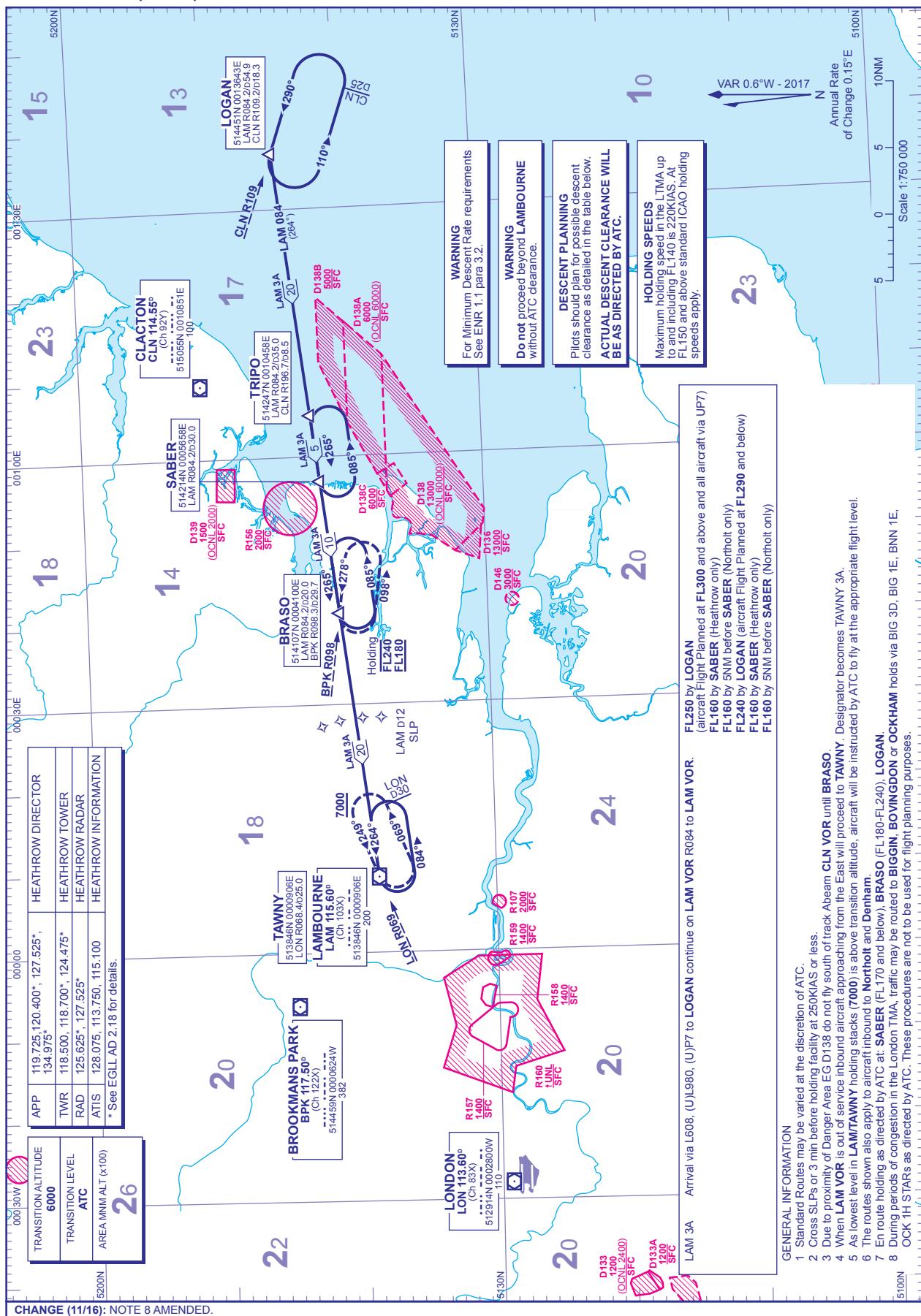
**STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO**

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

**LONDON HEATHROW
via BOVVA (VOR BNN u/s)**


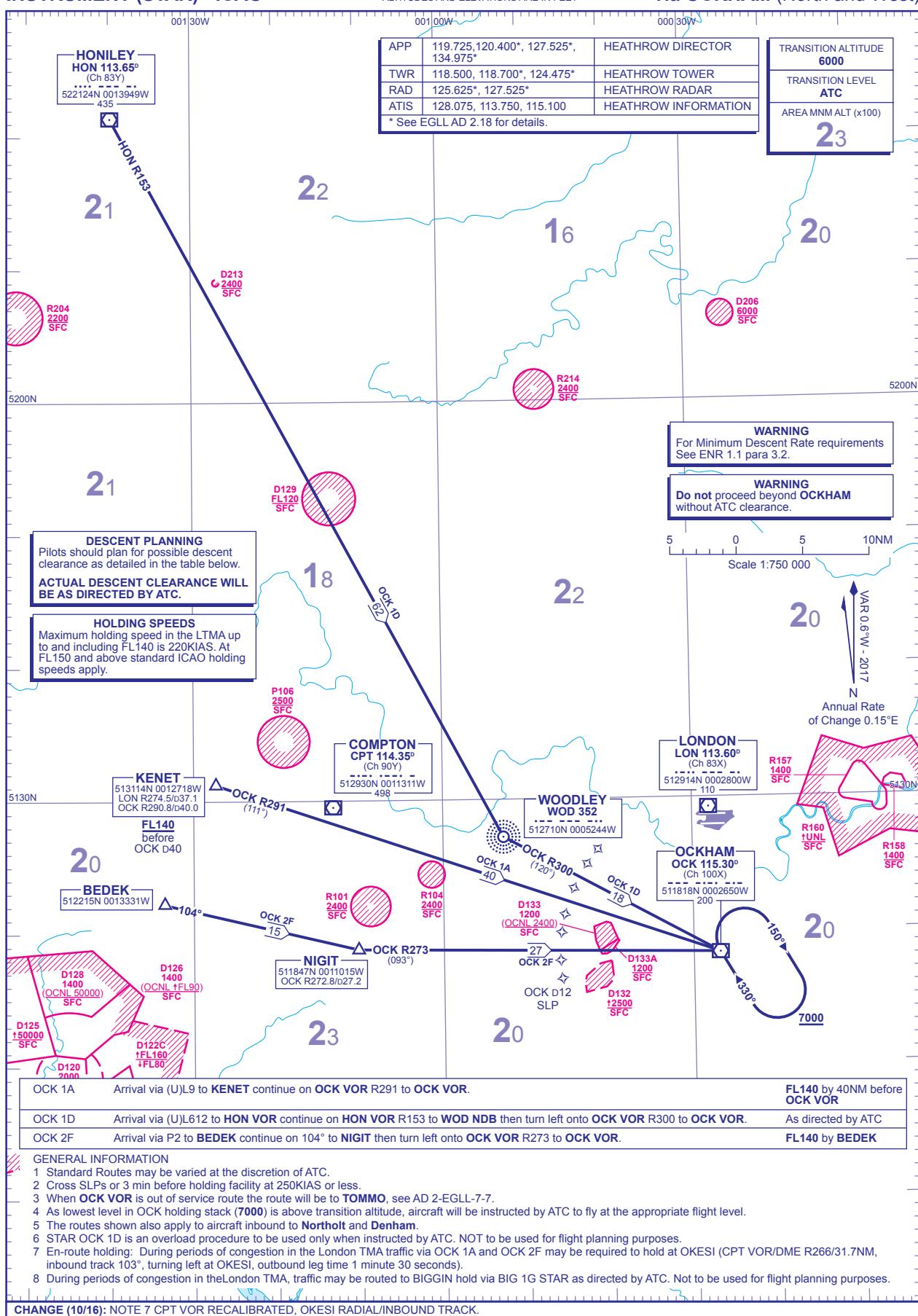
**STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO**

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

**LONDON HEATHROW
via LAMBOURNE**


STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

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

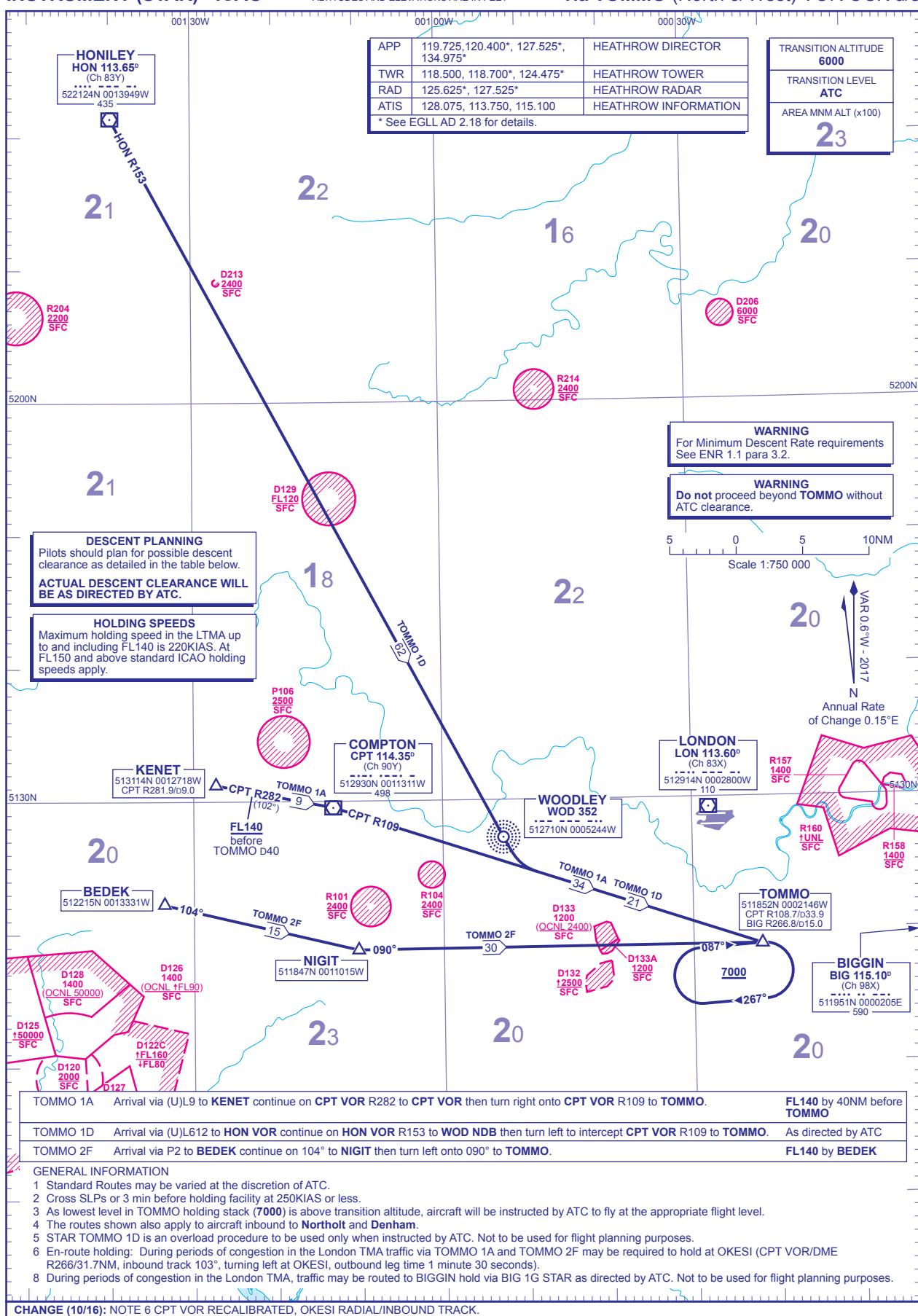
LONDON HEATHROW
via OCKHAM (North and West)

AERO INFO DATE 04 JUL 16

STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

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

LONDON HEATHROW
via TOMMO (North & West) VOR OCK u/s

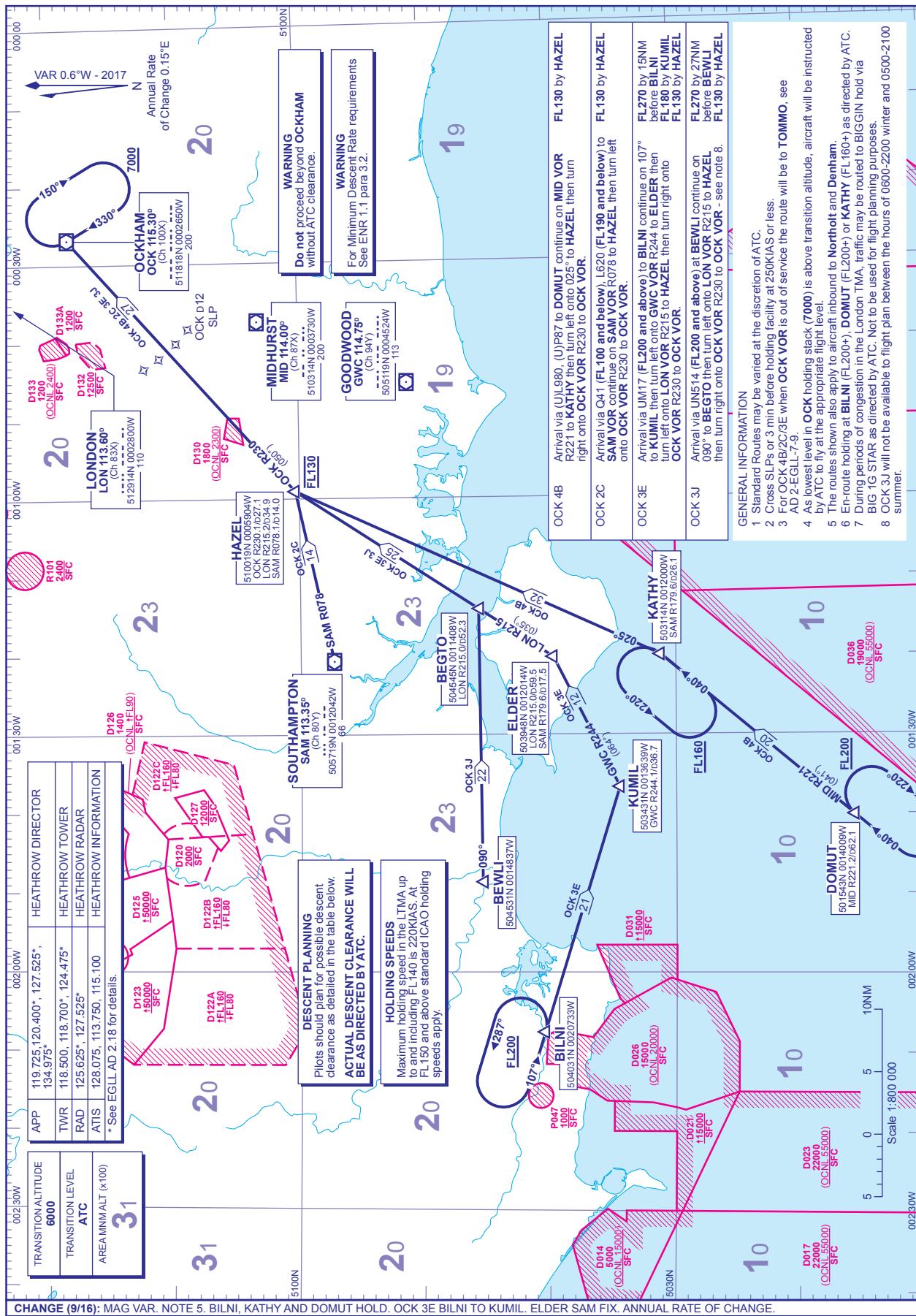


AERO INFO DATE 04 JUL 16

STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

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

LONDON HEATHROW
via OCKHAM (South-West)

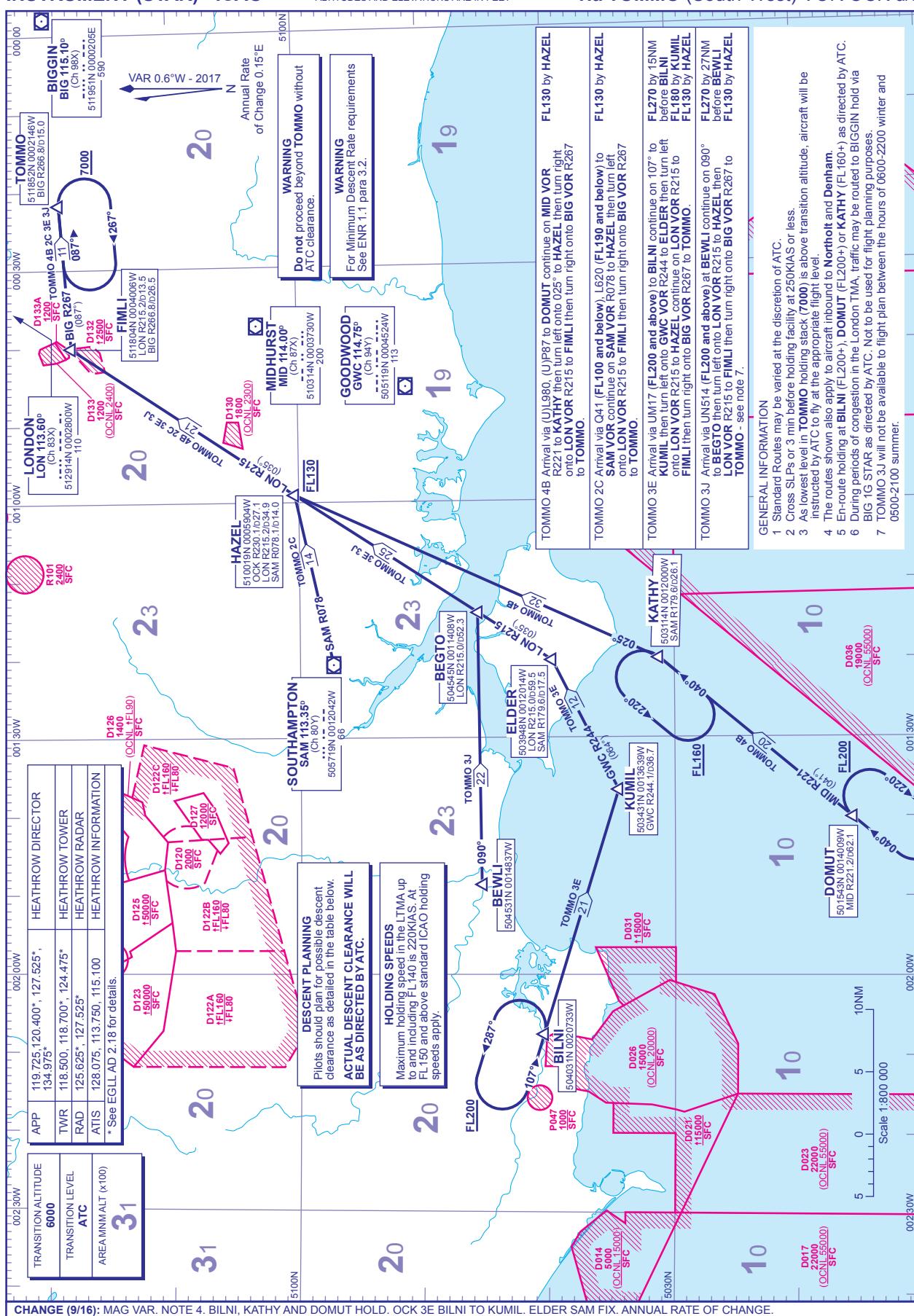


AERO INFO DATE 3 JUIN 16

AERO INFO DATE 3 JUN 16

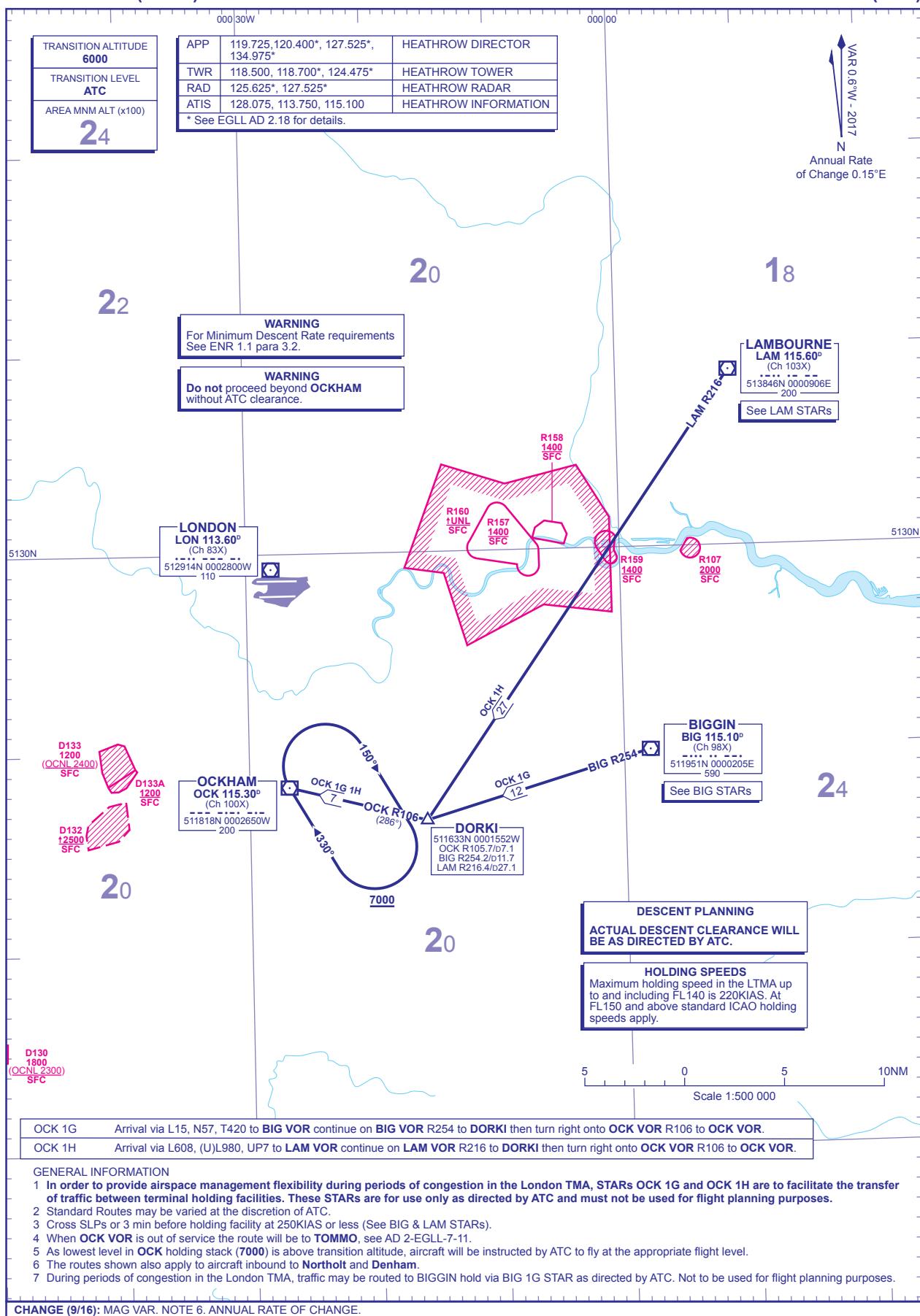
STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

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

LONDON HEATHROW
via TOMMO (South-West) VOR OCK u/s

STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

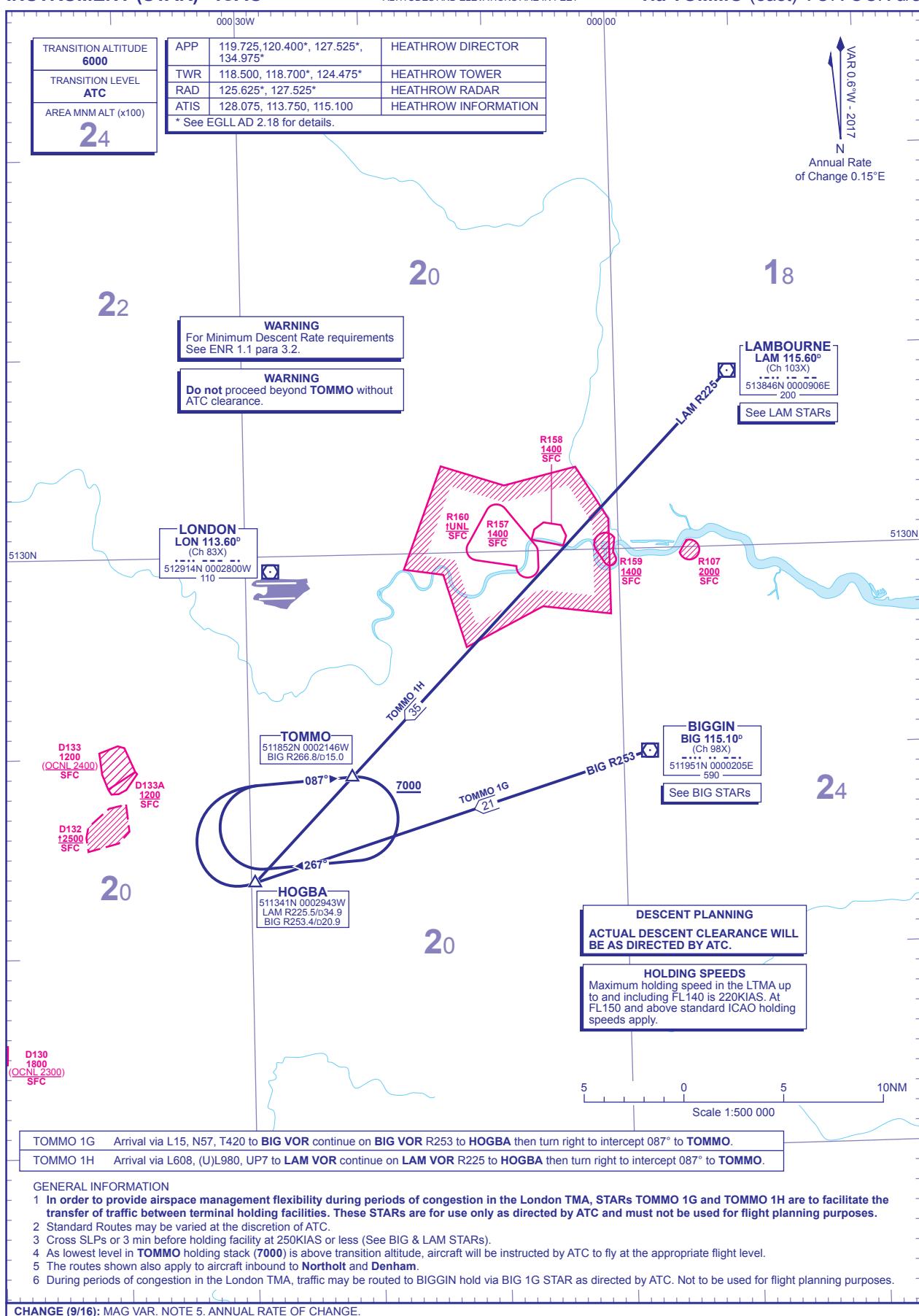
DISTANCES IN NAUTICAL MILES
BEARINGS, TRACKS AND RADIALS ARE MAGNETIC
ALTITUDES AND ELEVATIONS ARE IN FEET

LONDON HEATHROW
via OCKHAM (east)

AERO INFO DATE 3 JUN 16

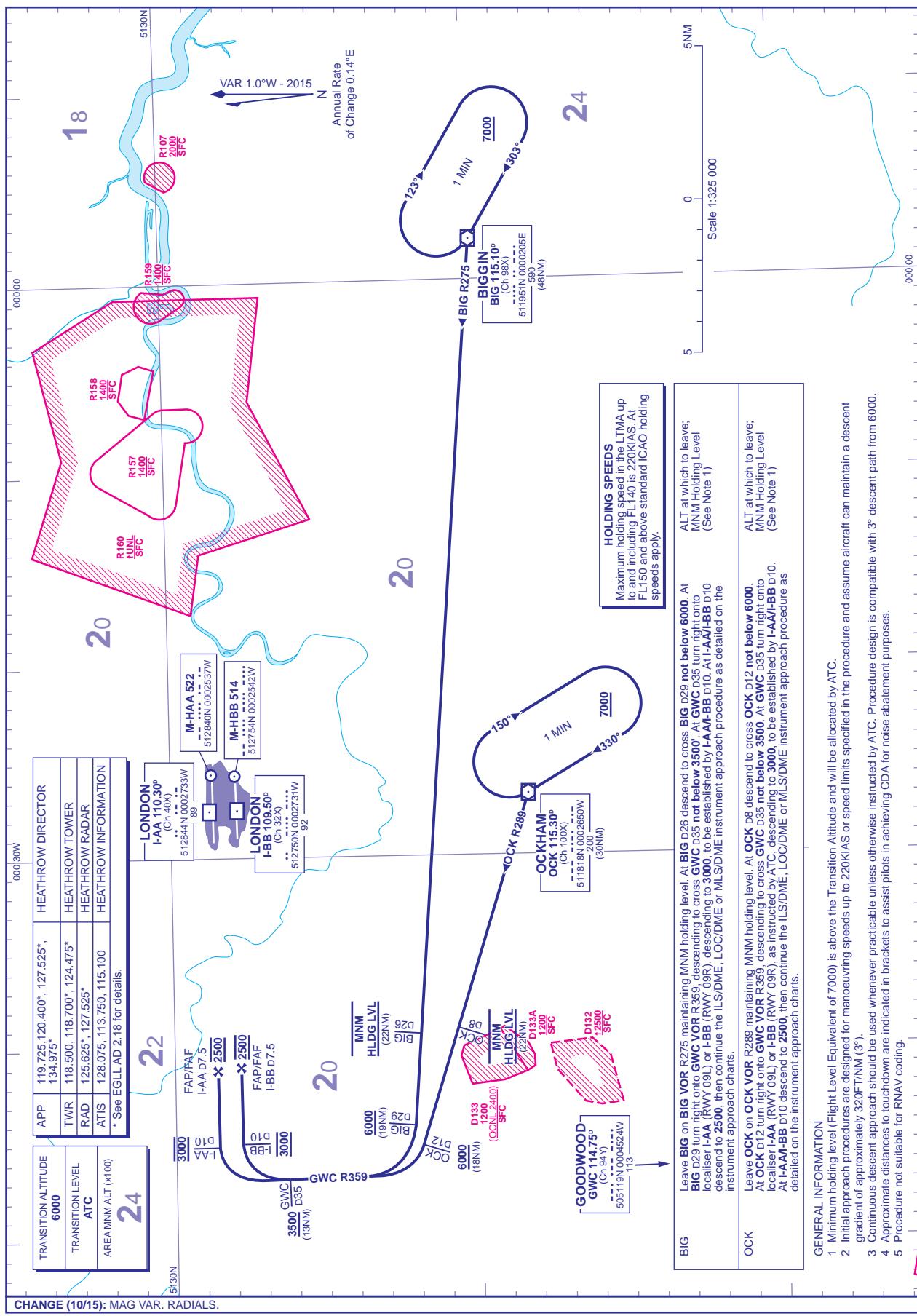
STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

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

LONDON HEATHROW
via TOMMO (east) VOR OCK u/s

INITIAL APPROACH PROCEDURES ILS or MLS RWY 09L/R Without Radar Control

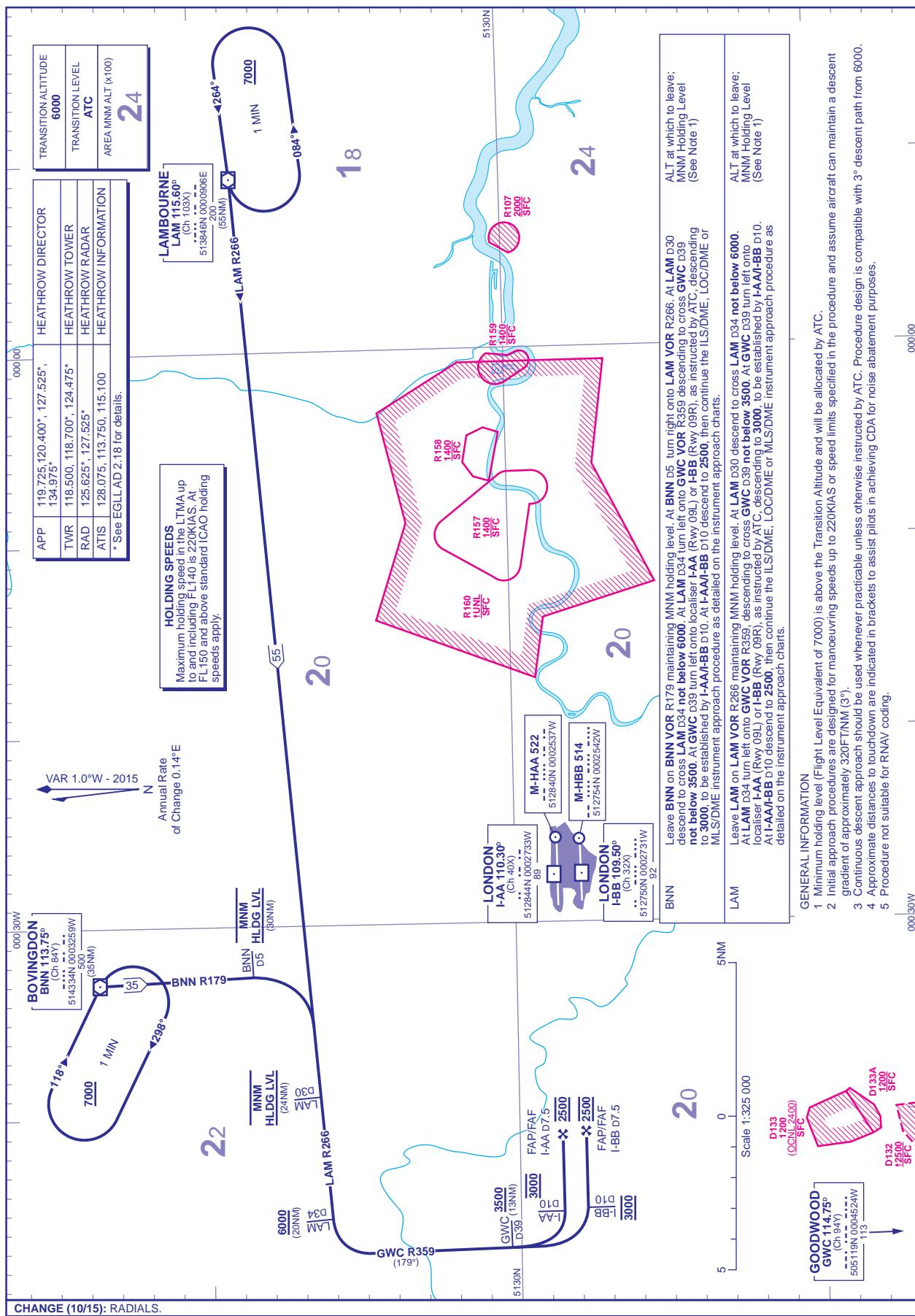
DISTANCES IN NAUTICAL MILES
BEARINGS, TRACKS AND RADIALS ARE MAGNETIC
ALTITUDES AND ELEVATIONS ARE IN FEET



INITIAL APPROACH PROCEDURES ILS or MLS RWY 09L/R Without Radar Control

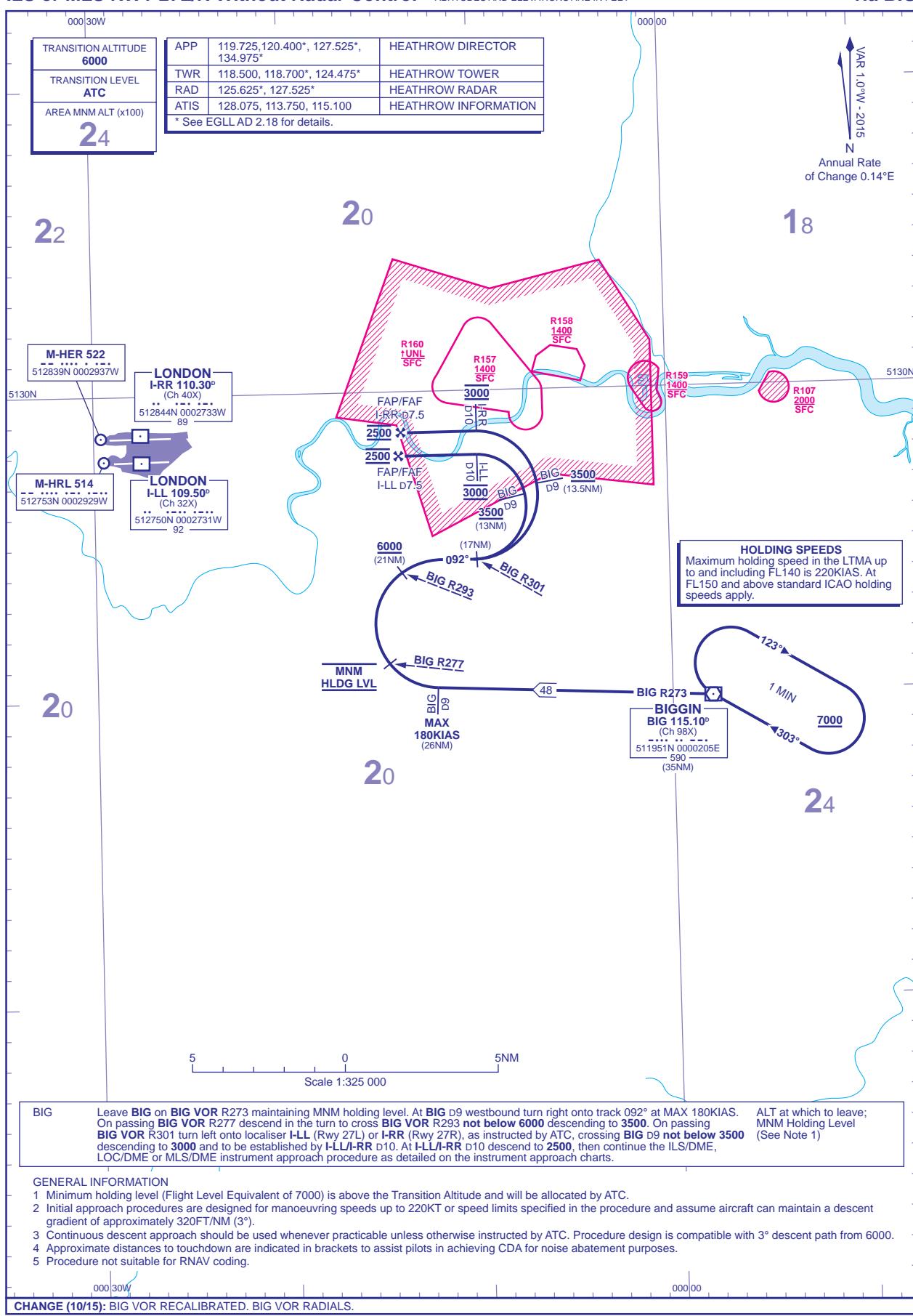
DISTANCES IN NAUTICAL MILES
BEARINGS, TRACKS AND RADIALS ARE MAGNETIC
ALTITUDES AND ELEVATIONS ARE IN FEET

LONDON HEATHROW
via BNN and LAM



**INITIAL APPROACH PROCEDURES
ILS or MLS RWY 27L/R Without Radar Control**

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

**LONDON HEATHROW
via BIG**


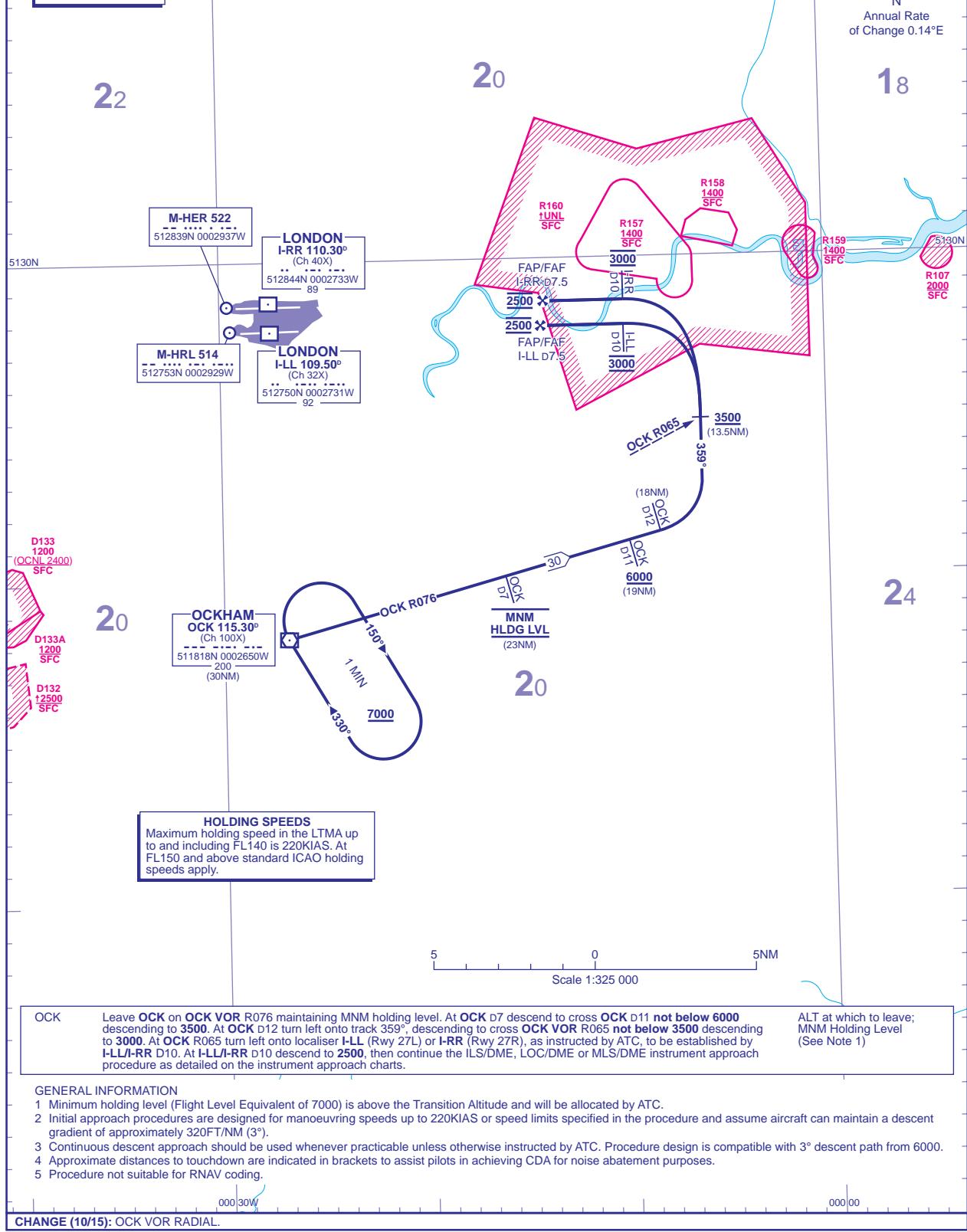
INITIAL APPROACH PROCEDURES ILS or MLS RWY 27L/R Without Radar Control

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

000 30W		
TRANSITION ALTITUDE 6000	APP 119.725,120.400*, 127.525*, 134.975*	HEATHROW DIRECTOR
TRANSITION LEVEL ATC	TWR 118.500, 118.700*, 124.475*	HEATHROW TOWER
AREA MINN ALT (x100)	RAD 125.625*, 127.525*	HEATHROW RADAR
	ATIS 128.075, 113.750, 115.100	HEATHROW INFORMATION

* See EGLL AD 2.18 for details.

LONDON HEATHROW
via QCK



GENERAL INFORMATION

- GENERAL INFORMATION**

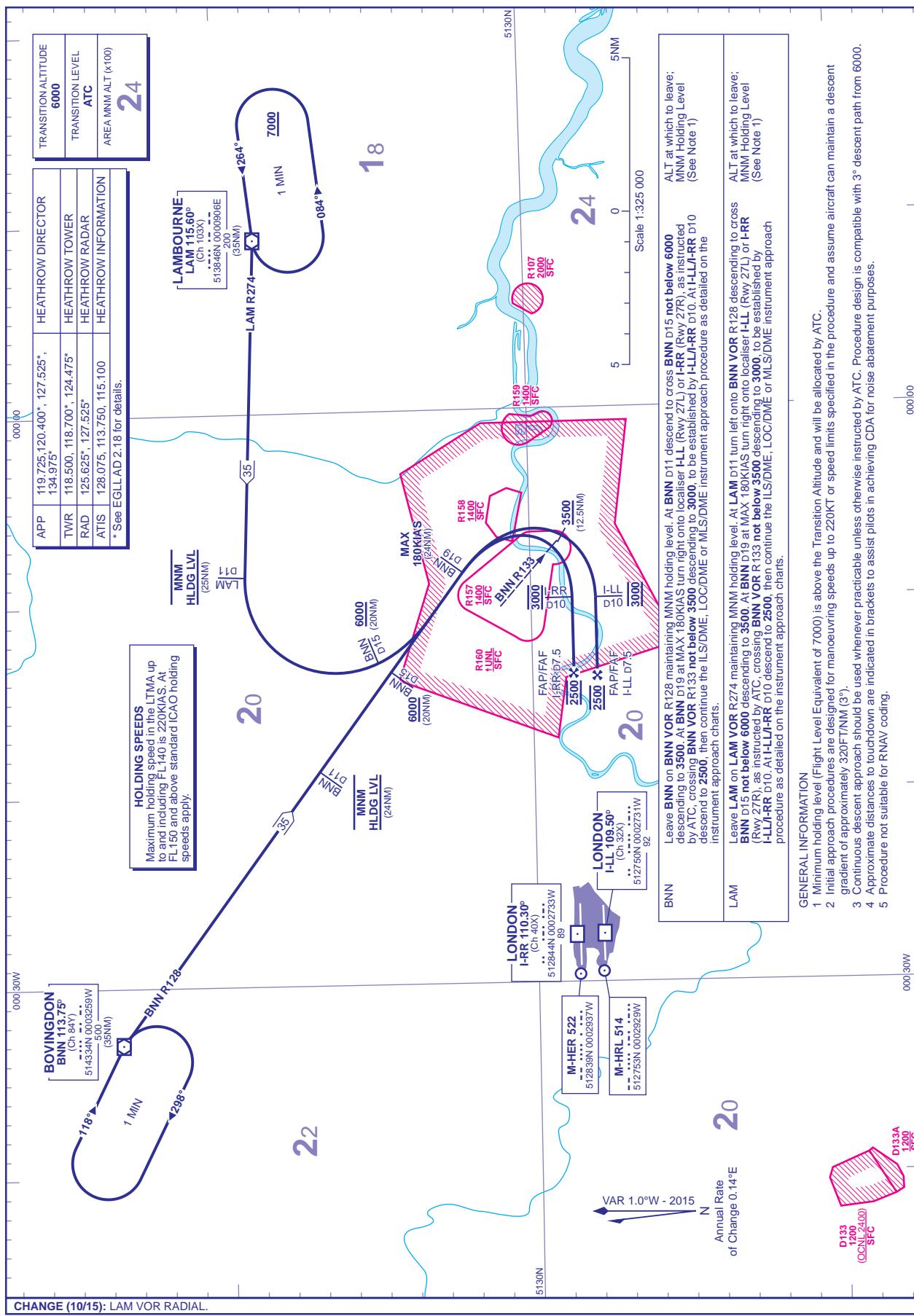
 - 1 Minimum holding level (Flight Level Equivalent of 7000) is above the Transition Altitude and will be allocated by ATC.
 - 2 Initial approach procedures are designed for manoeuvring speeds up to 220KIAS or speed limits specified in the procedure and assume aircraft can maintain a descent gradient of approximately 320FT/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 (10/15): OCK VOR RADIAL

AERO INFO DATE 30 JUN 15

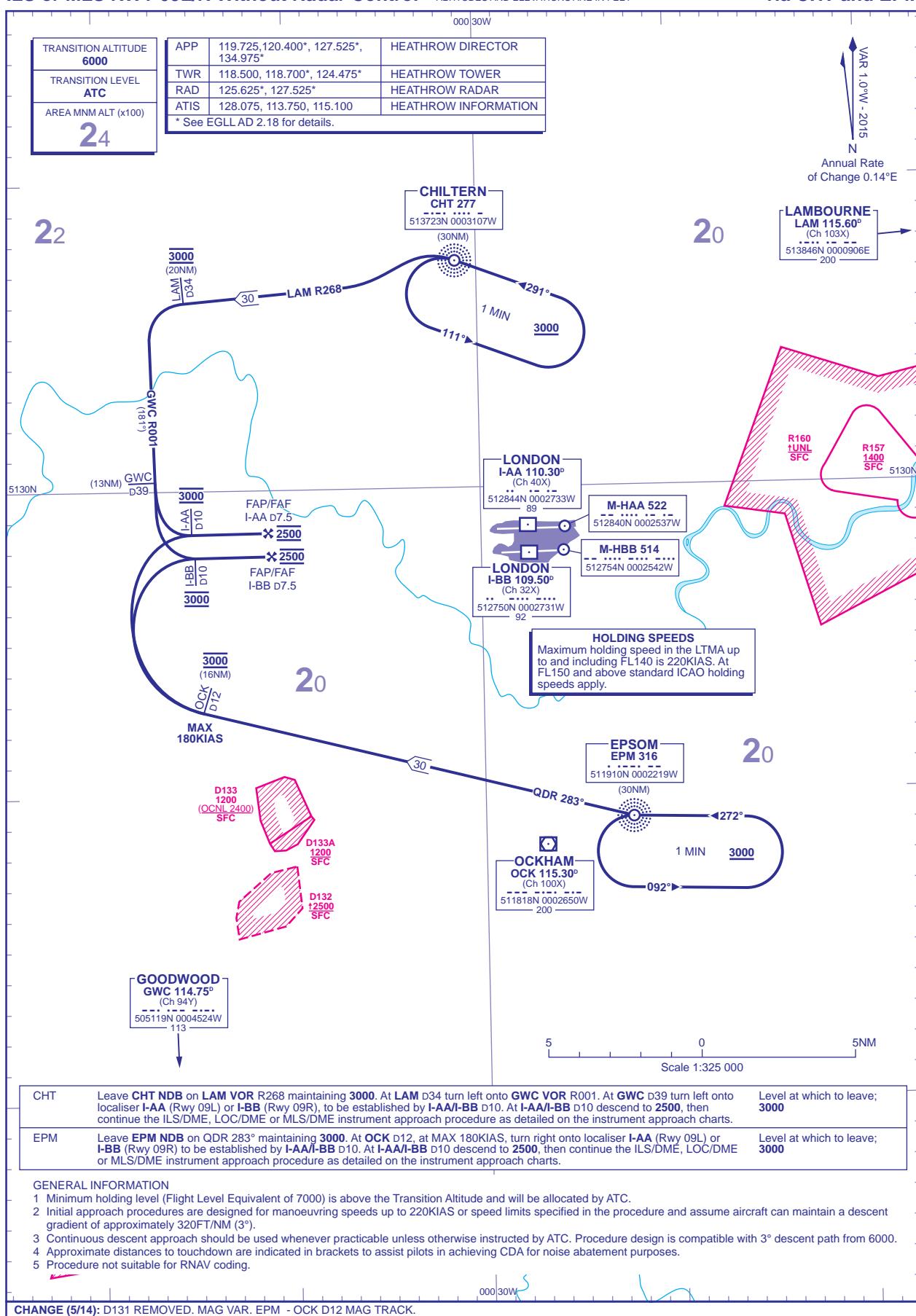
**INITIAL APPROACH PROCEDURES
ILS or MLS RWY 27L/R Without Radar Control**

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

**LONDON HEATHROW
via BNN and LAM**


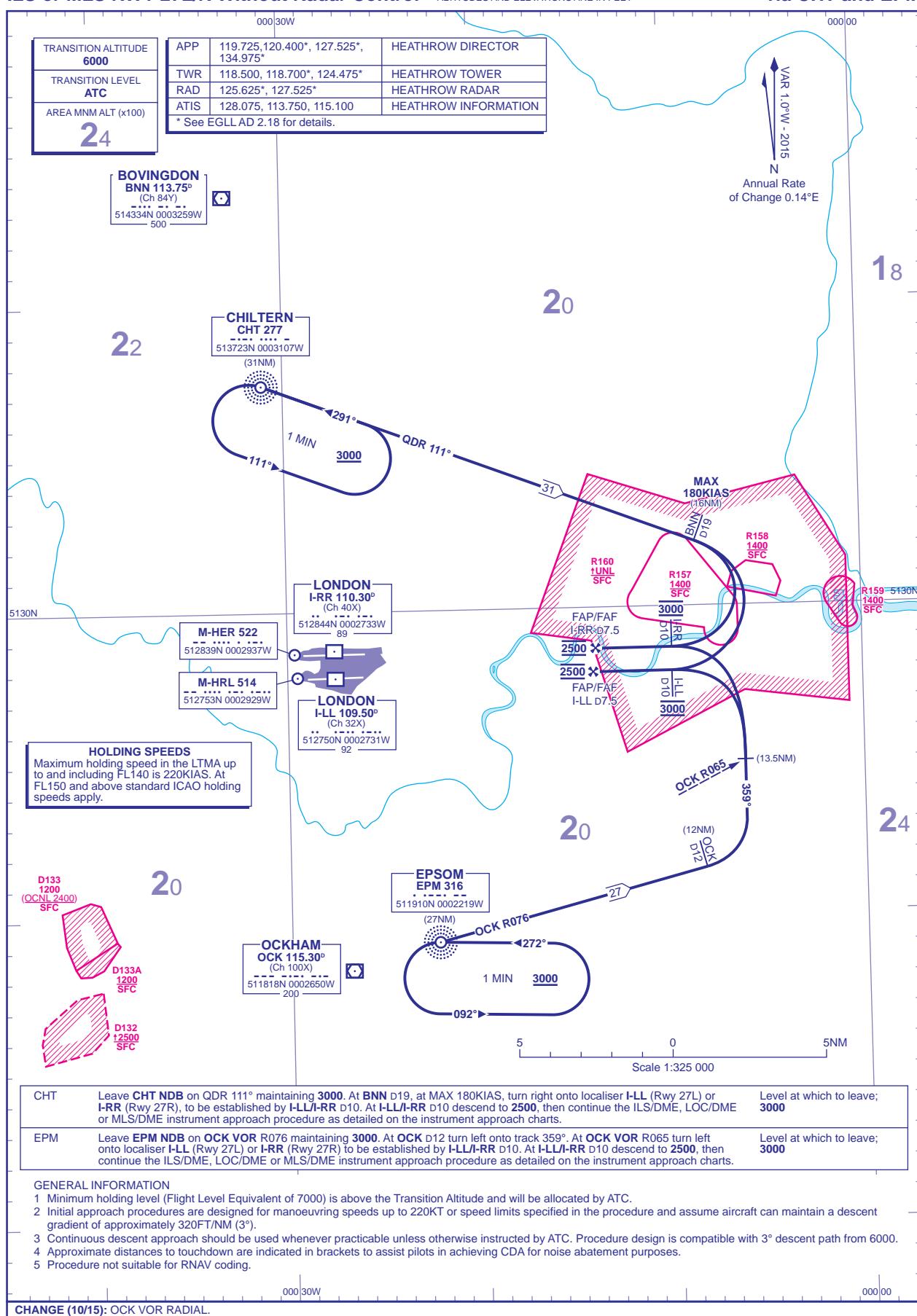
**INITIAL APPROACH PROCEDURES
ILS or MLS RWY 09L/R Without Radar Control**

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

**LONDON HEATHROW
via CHT and EPM**


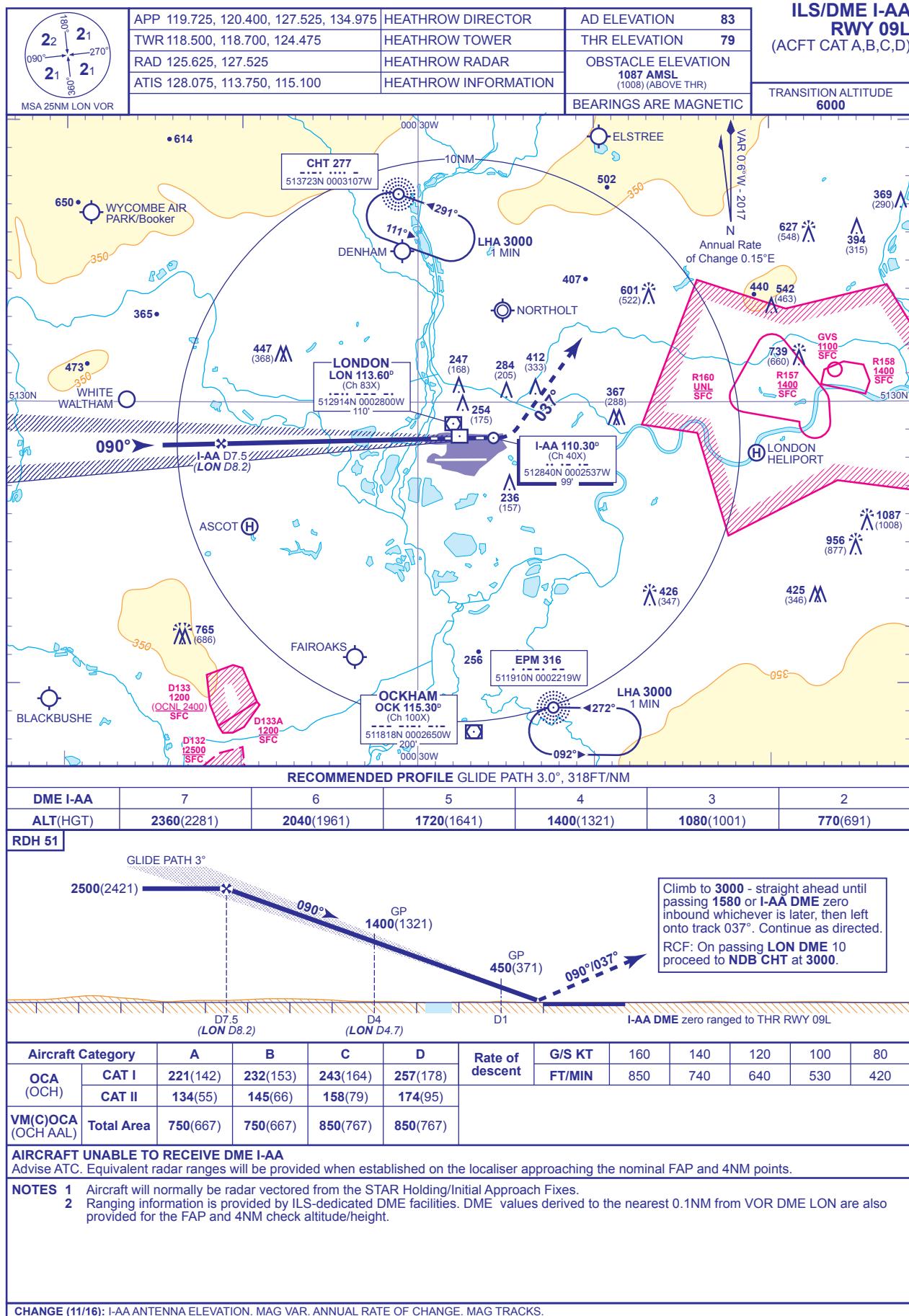
**INITIAL APPROACH PROCEDURES
ILS or MLS RWY 27L/R Without Radar Control**

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

**LONDON HEATHROW
via CHT and EPM**


INSTRUMENT APPROACH CHART - ICAO

**LONDON/HEATHROW
ILS/DME I-AA
RWY 09L**
(ACFT CAT A,B,C,D)



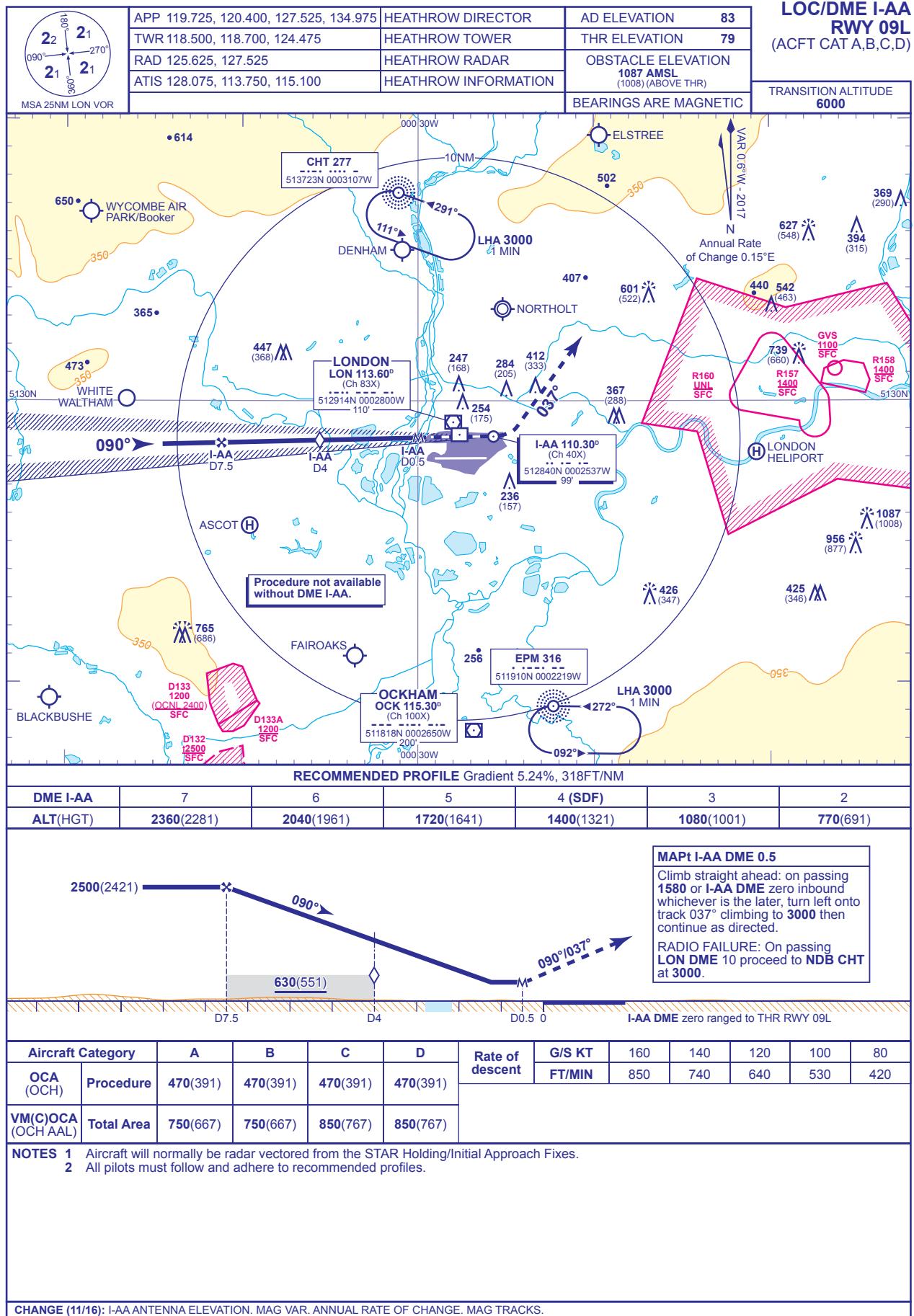
INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW

LOC/DME I-AA

RWY 09L

(ACFT CAT A,B,C,D)



INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW

MLS/M-HAA

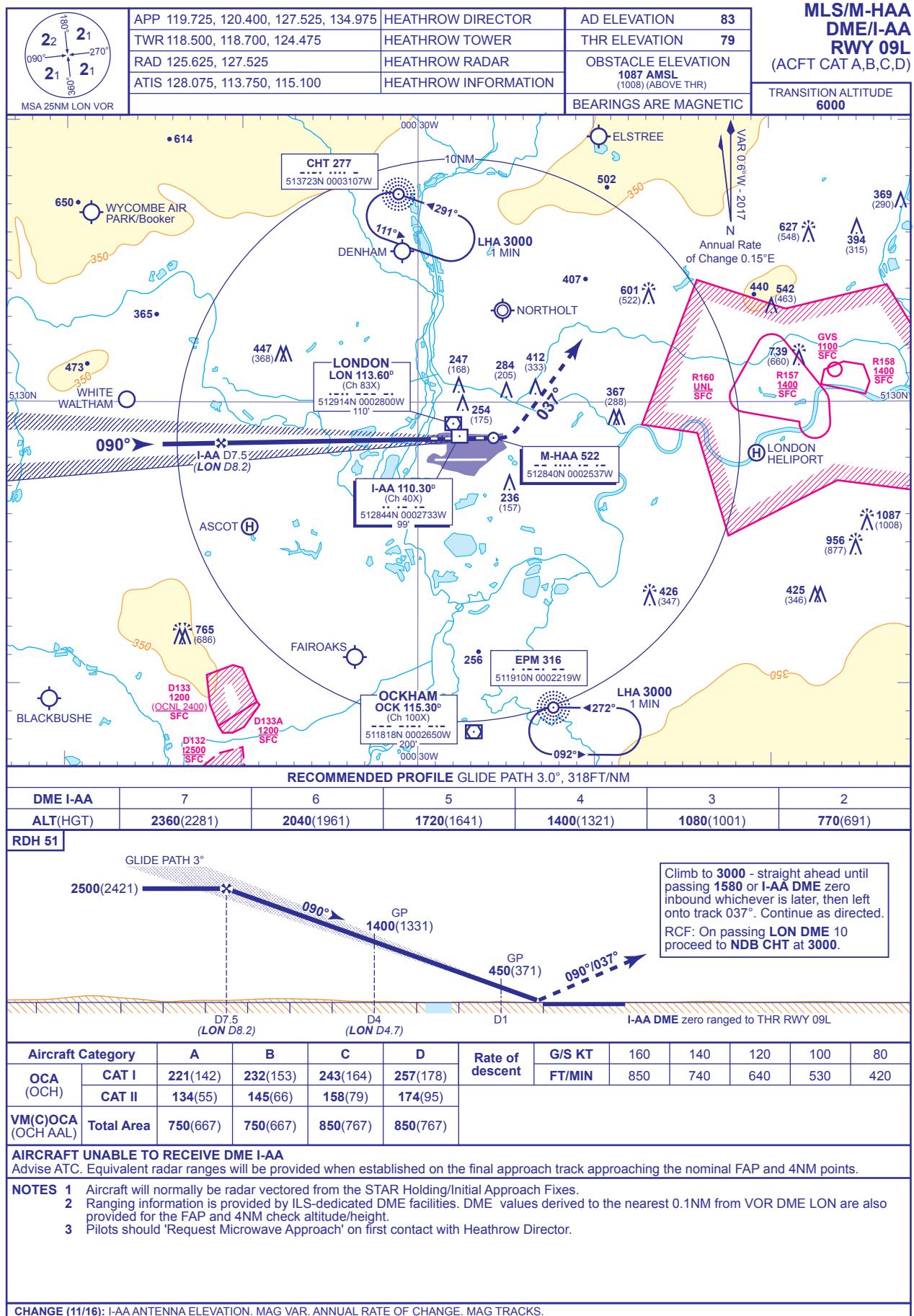
DME/I-AA

RWY 09L

(ACFT CAT A,B,C,D)

TRANSITION ALTITUDE

6000



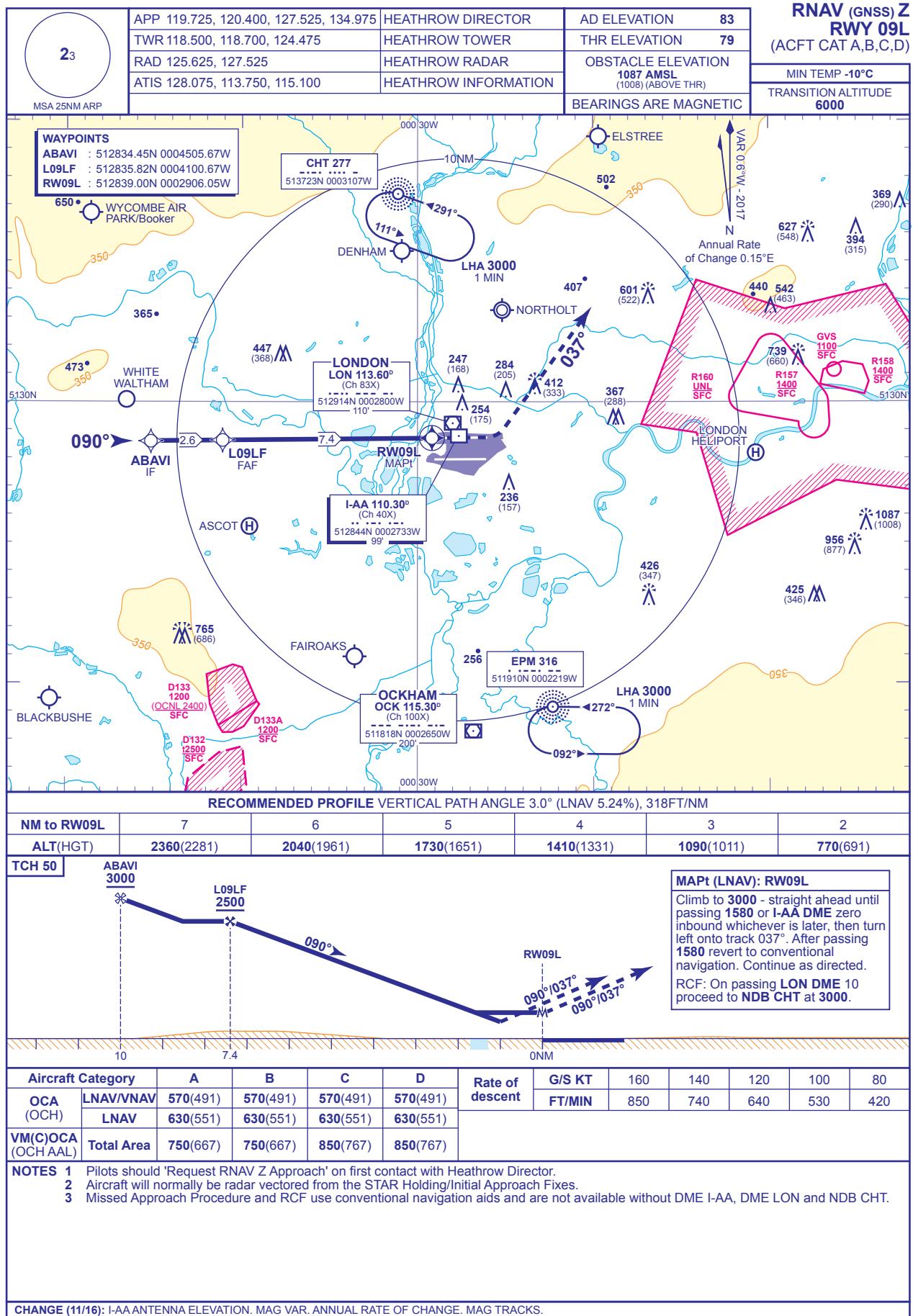
INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW

RNAV (GNSS) Z

RWY 09L

(ACFT CAT A,B,C,D)



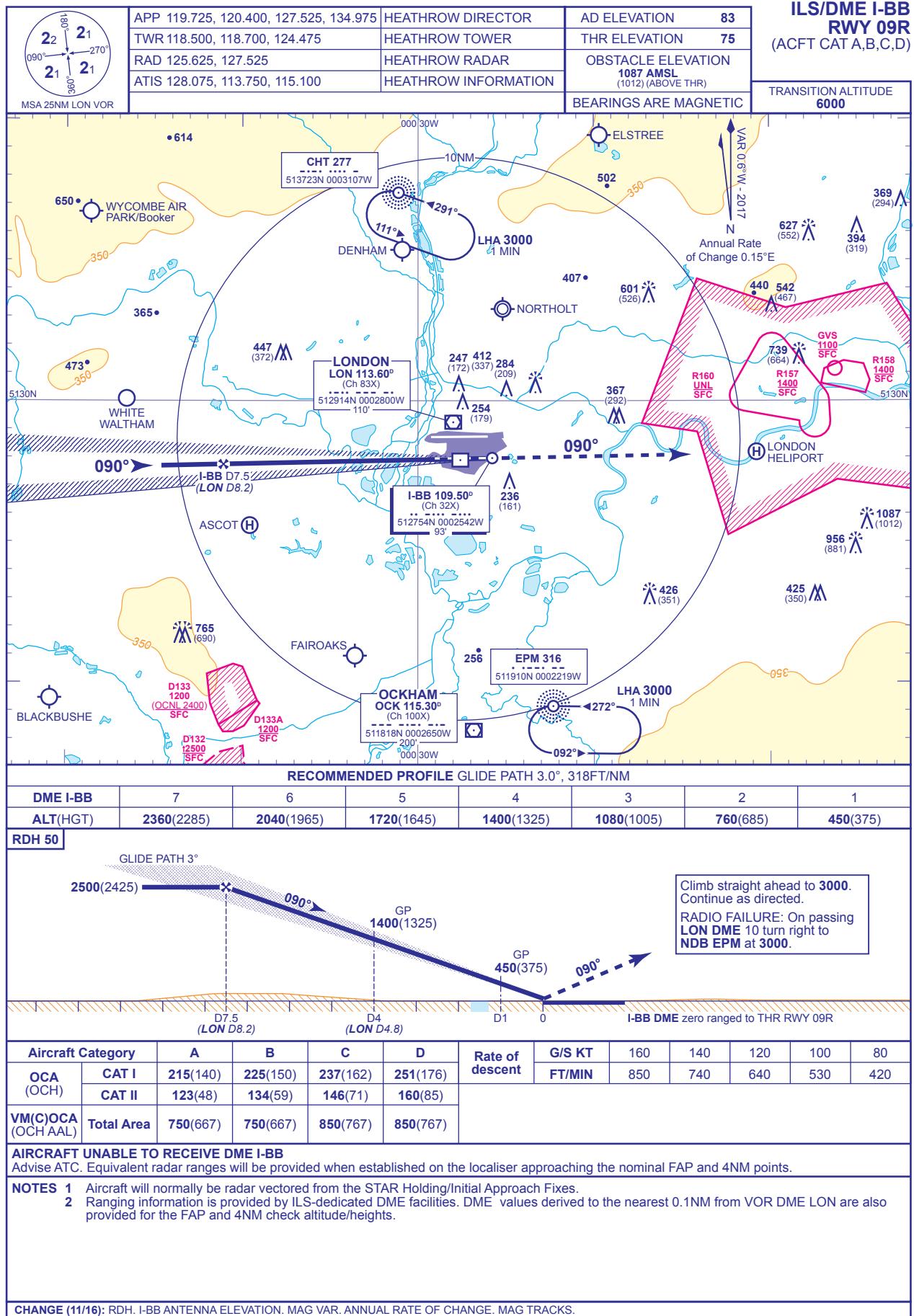
INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW

ILS/DME I-BB

RWY 09R

(ACFT CAT A,B,C,D)



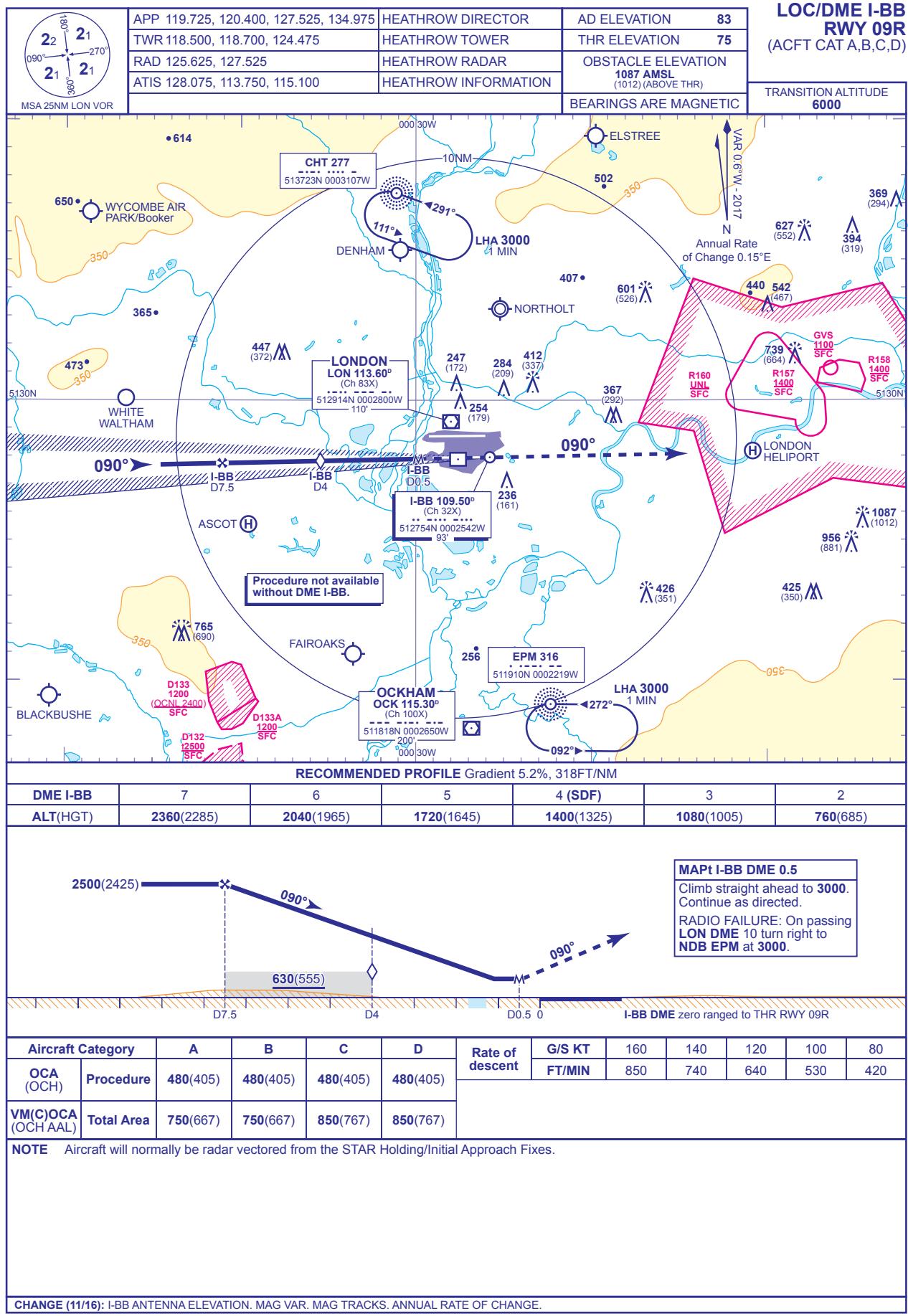
INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW

LOC/DME I-BB

RWY 09R

(ACFT CAT A,B,C,D)



INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW

MLS/M-HBB

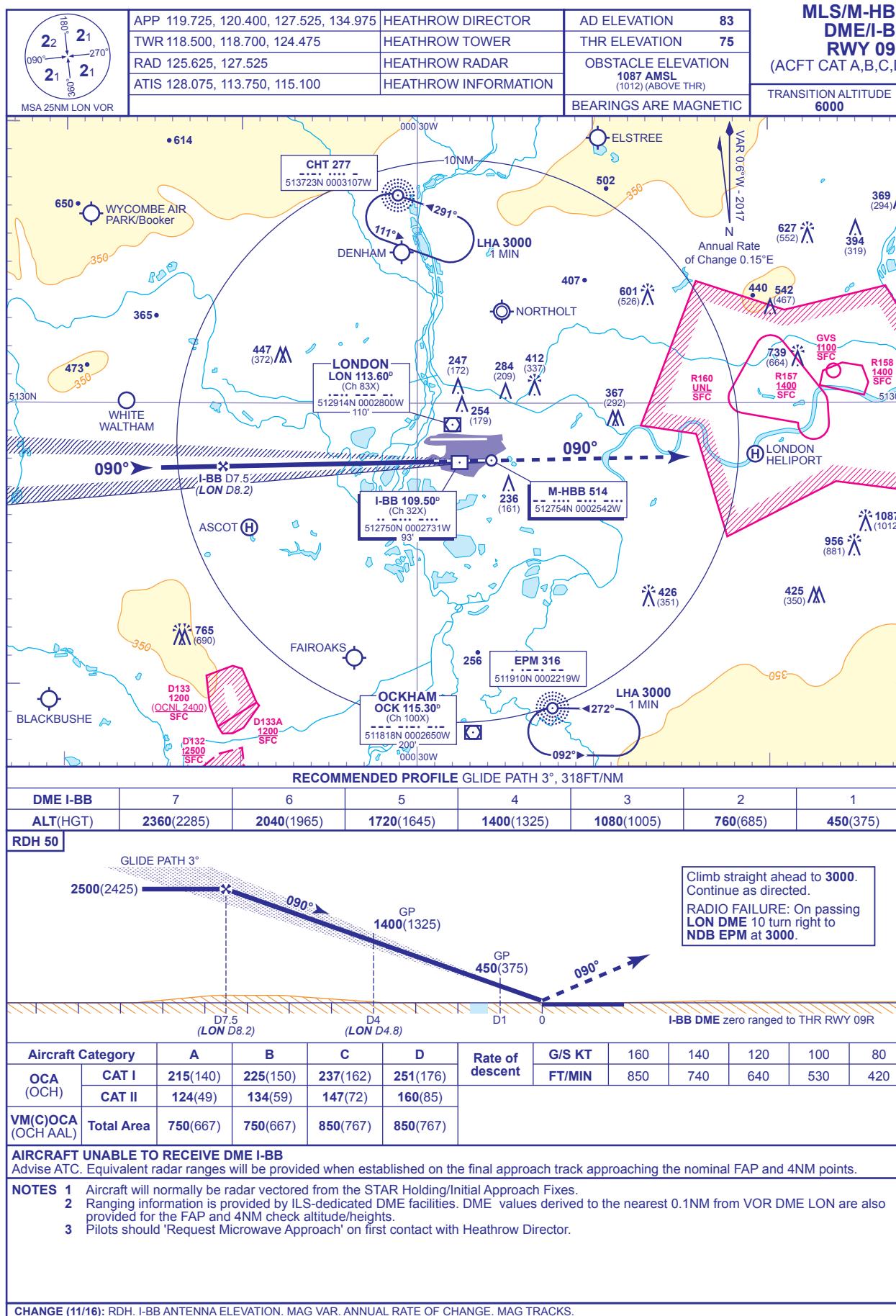
DME/I-BB

RWY 09R

(ACFT CAT A,B,C,D)

TRANSITION ALTITUDE

6000



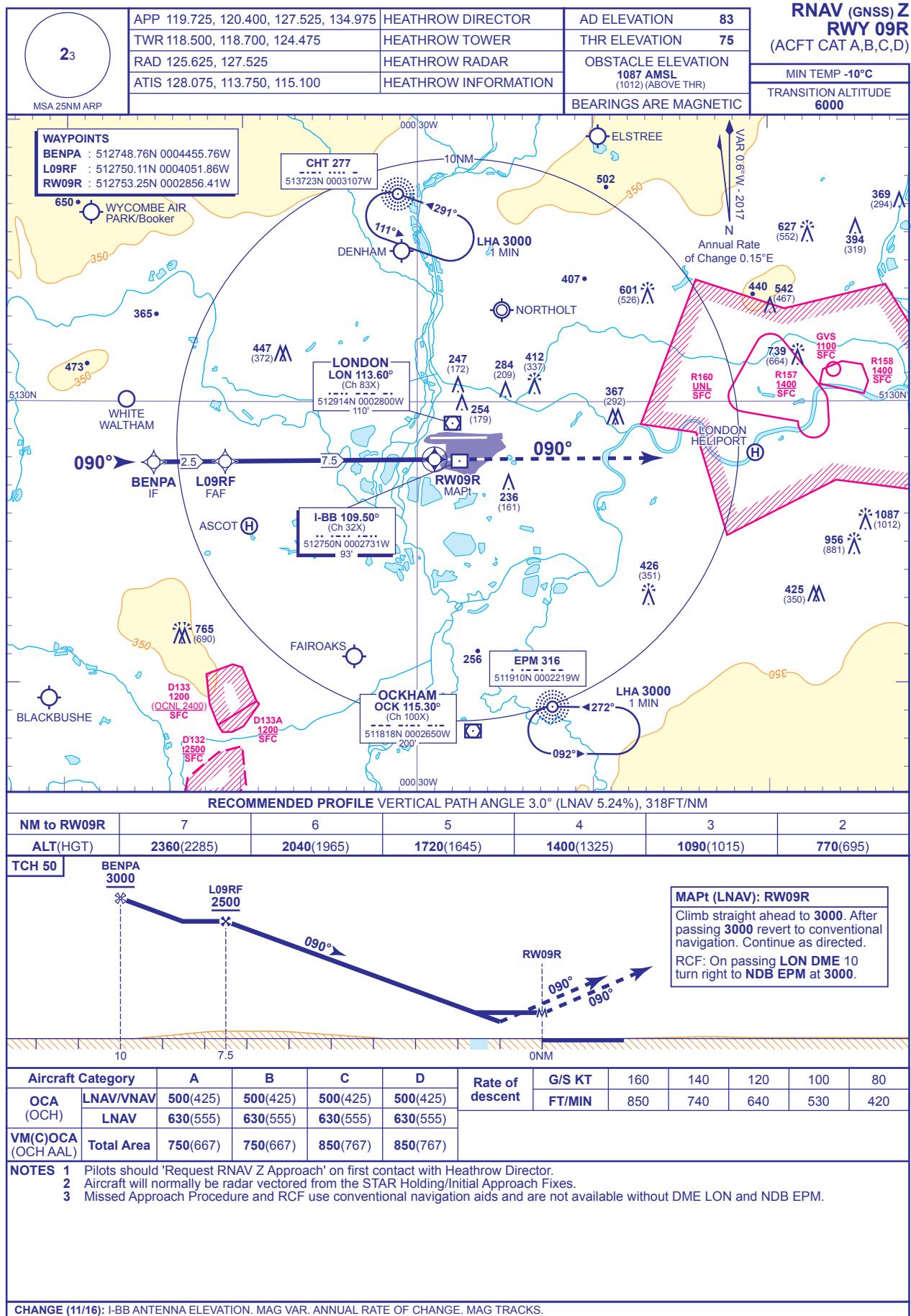
INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW

RNAV (GNSS) Z

RWY 09R

(ACFT CAT A,B,C,D)



INSTRUMENT APPROACH CHART - ICAO

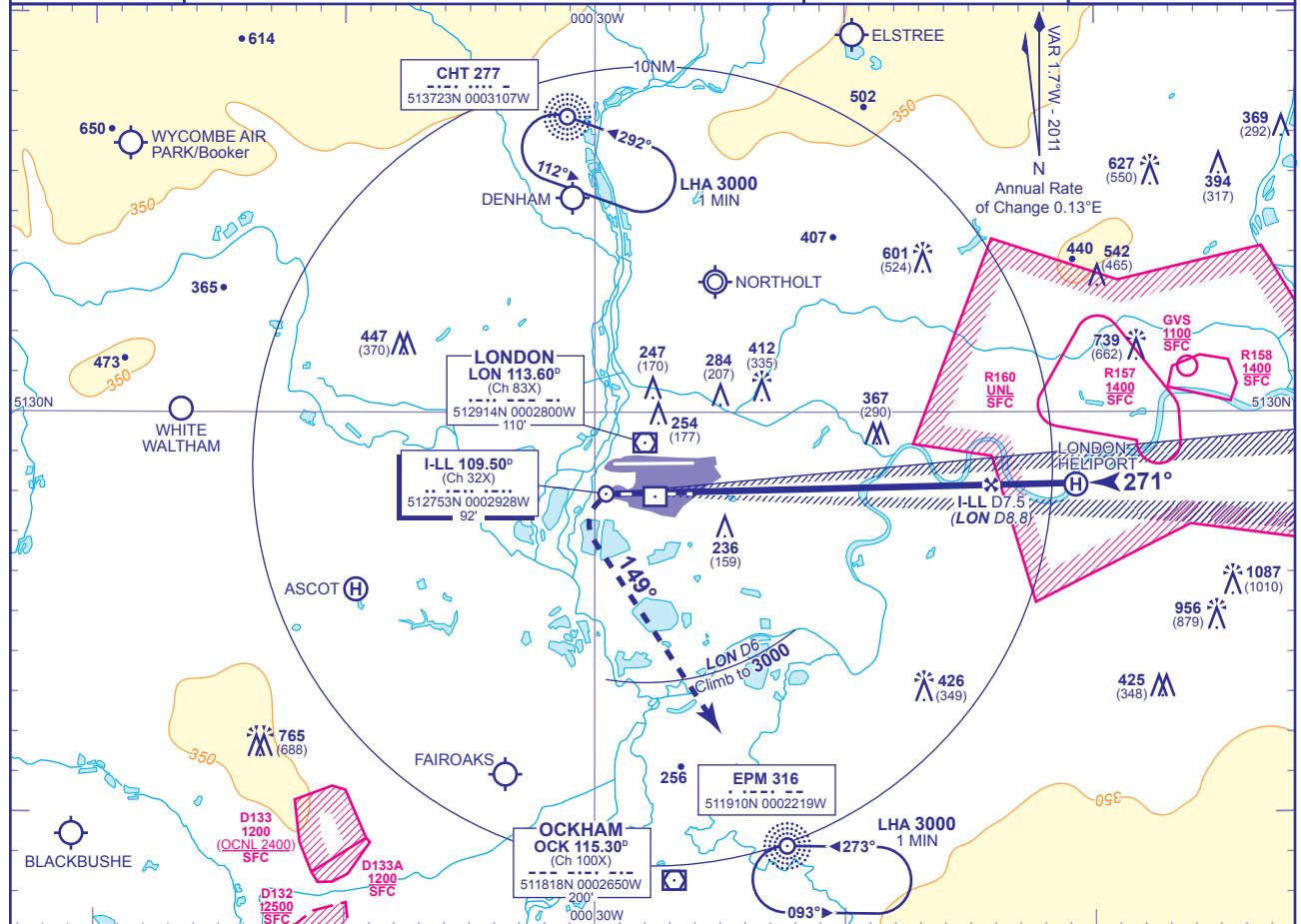
LONDON/HEATHROW

ILS/DME I-LL

RWY 27L

(ACFT CAT A,B,C,D)

	APP 119.725, 120.400, 127.525, 134.975 TWR 118.500, 118.700, 124.475 RAD 125.625, 127.525 ATIS 128.075, 113.750, 115.100	HEATHROW DIRECTOR HEATHROW TOWER HEATHROW RADAR HEATHROW INFORMATION	AD ELEVATION 83 THR ELEVATION 77 OBSTACLE ELEVATION 1087 AMSL (1010) (ABOVE THR) BEARINGS ARE MAGNETIC
			TRANSITION ALTITUDE 6000



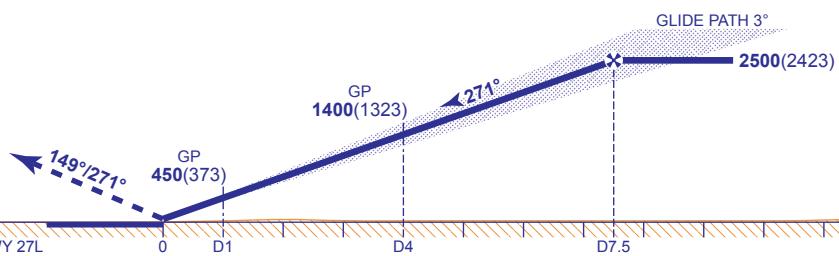
RECOMMENDED PROFILE GLIDE PATH 3°, 318FT/NM

DME I-LL	7	6	5	4	3	2	1
ALT(HGT)	2360(2283)	2040(1963)	1730(1653)	1410(1333)	1090(1013)	770(693)	450(373)

RDH 56

Climb to 2000 - straight ahead until passing 1080 or I-LL DME zero inbound whichever is later, then left onto track 149°. 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.



I-LL DME zero ranged to THR RWY 27L

Aircraft Category	A	B	C	D	Rate of descent	G/S KT	160	140	120	100	80
OCA (OCH)	CAT I	229(152)	238(161)	248(171)	260(183)	FT/MIN	850	740	640	530	420
VM(C)OCA (OCH AAL)	Total Area	750(667)	750(667)	850(767)	850(767)						

AIRCRAFT UNABLE TO RECEIVE DME I-LL

Advise ATC. Equivalent radar ranges will be provided when established on the localiser approaching the nominal FAP and 4NM points.

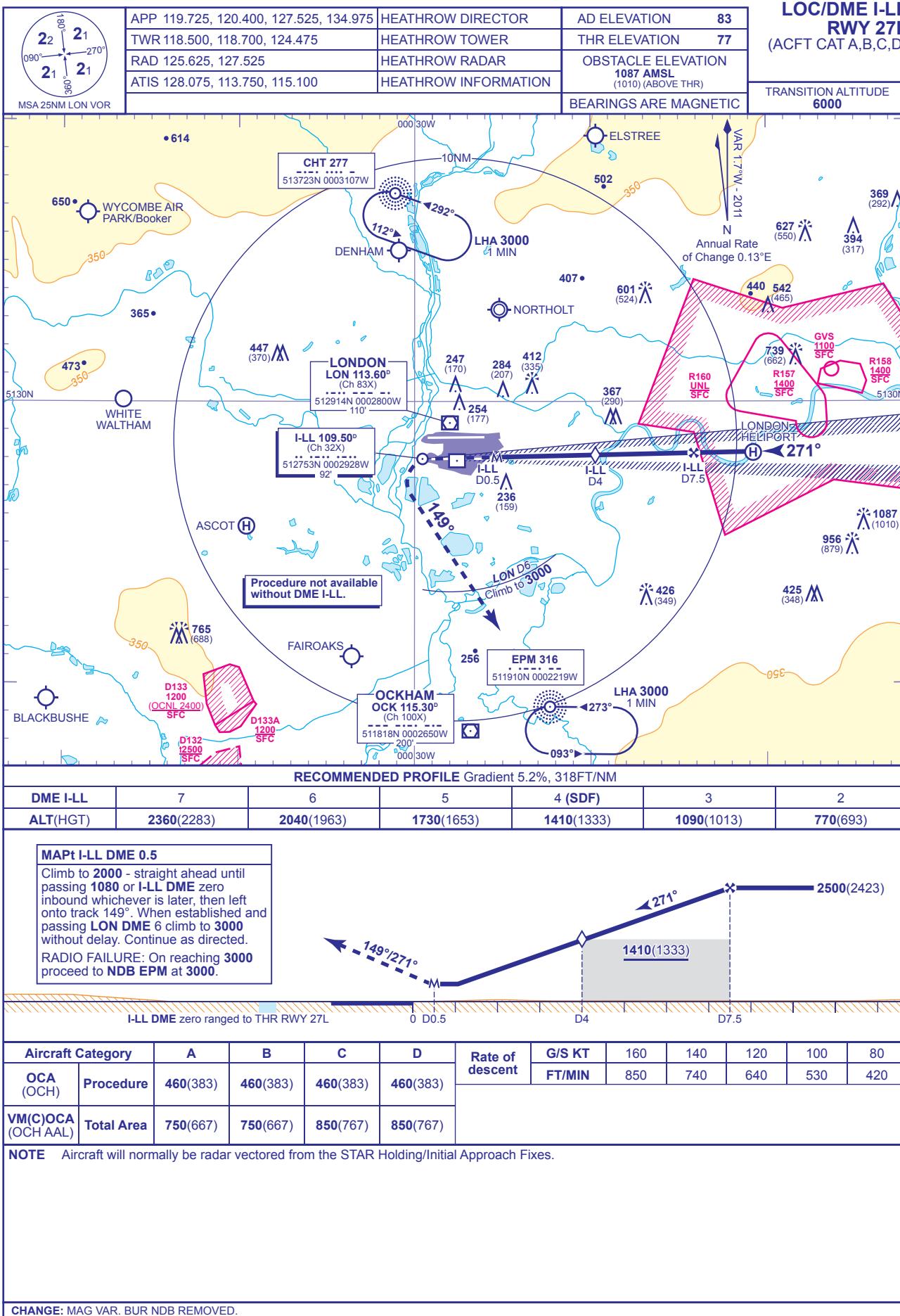
NOTES 1 Aircraft will normally be radar vectored from the STAR Holding/Initial Approach Fixes.

2 Ranging information is provided by ILS-dedicated DME facilities. DME values derived to the nearest 0.1NM from VOR DME LON are also provided for the FAP and 4NM check altitude/heights.

CHANGE: MAG VAR. BUR NDB REMOVED.

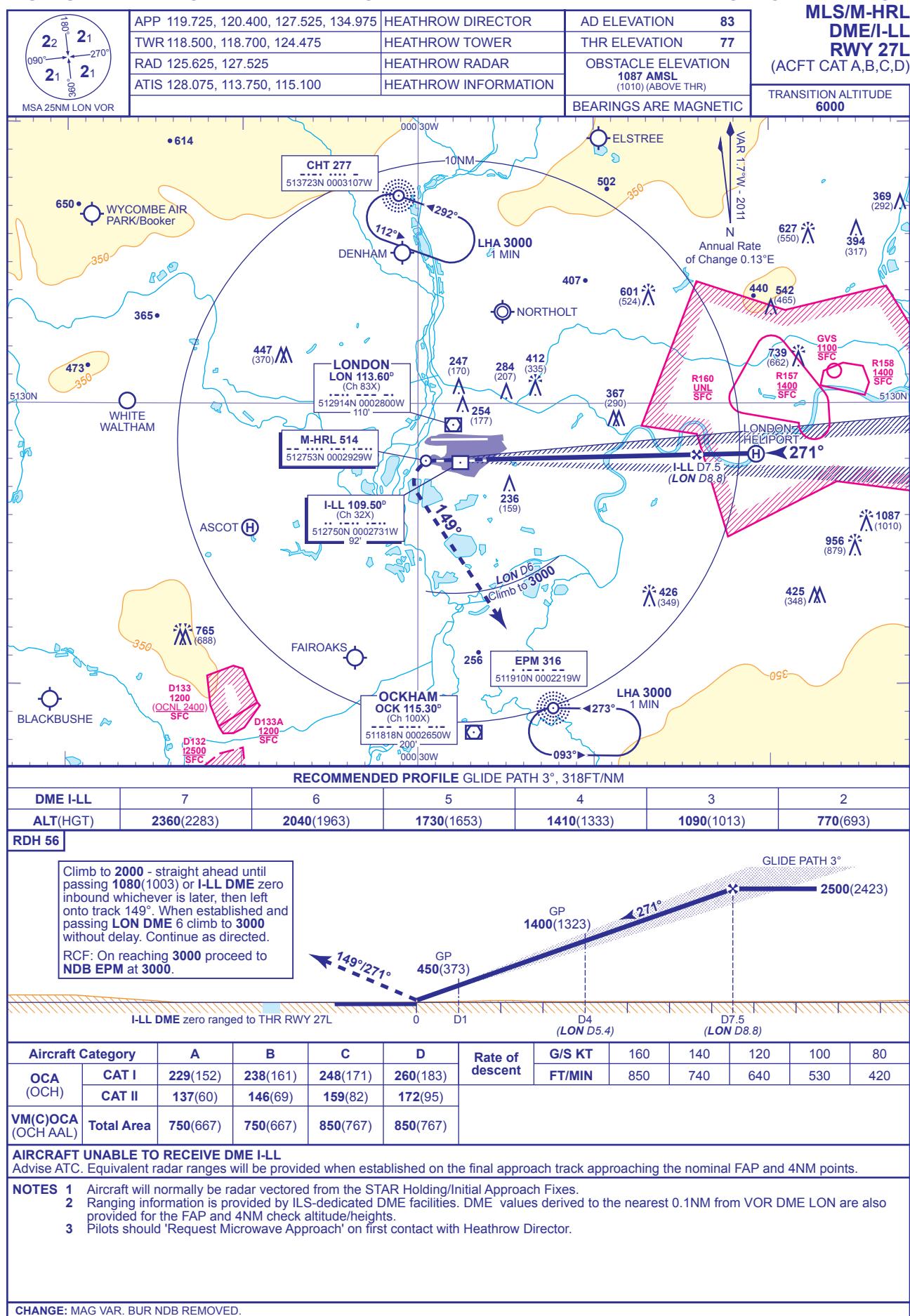
AERO INFO DATE 29 OCT 10

INSTRUMENT APPROACH CHART - ICAO



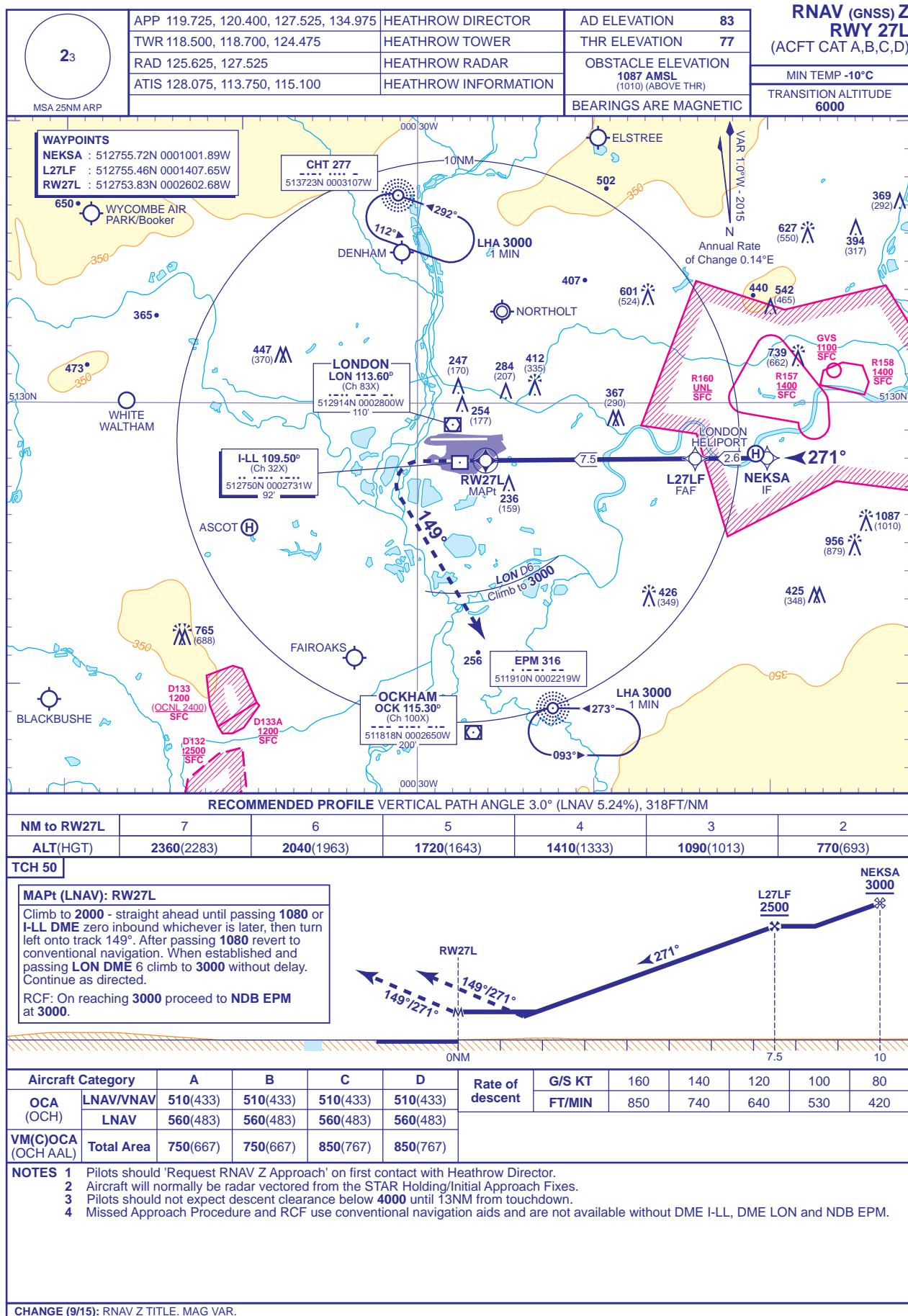
INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW
MLS/M-HRL
DME/I-LL
RWY 27L
 (ACFT CAT A,B,C,D)



INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW
RNAV (GNSS) Z
RWY 27L
 (ACFT CAT A,B,C,D)



INSTRUMENT APPROACH CHART - ICAO

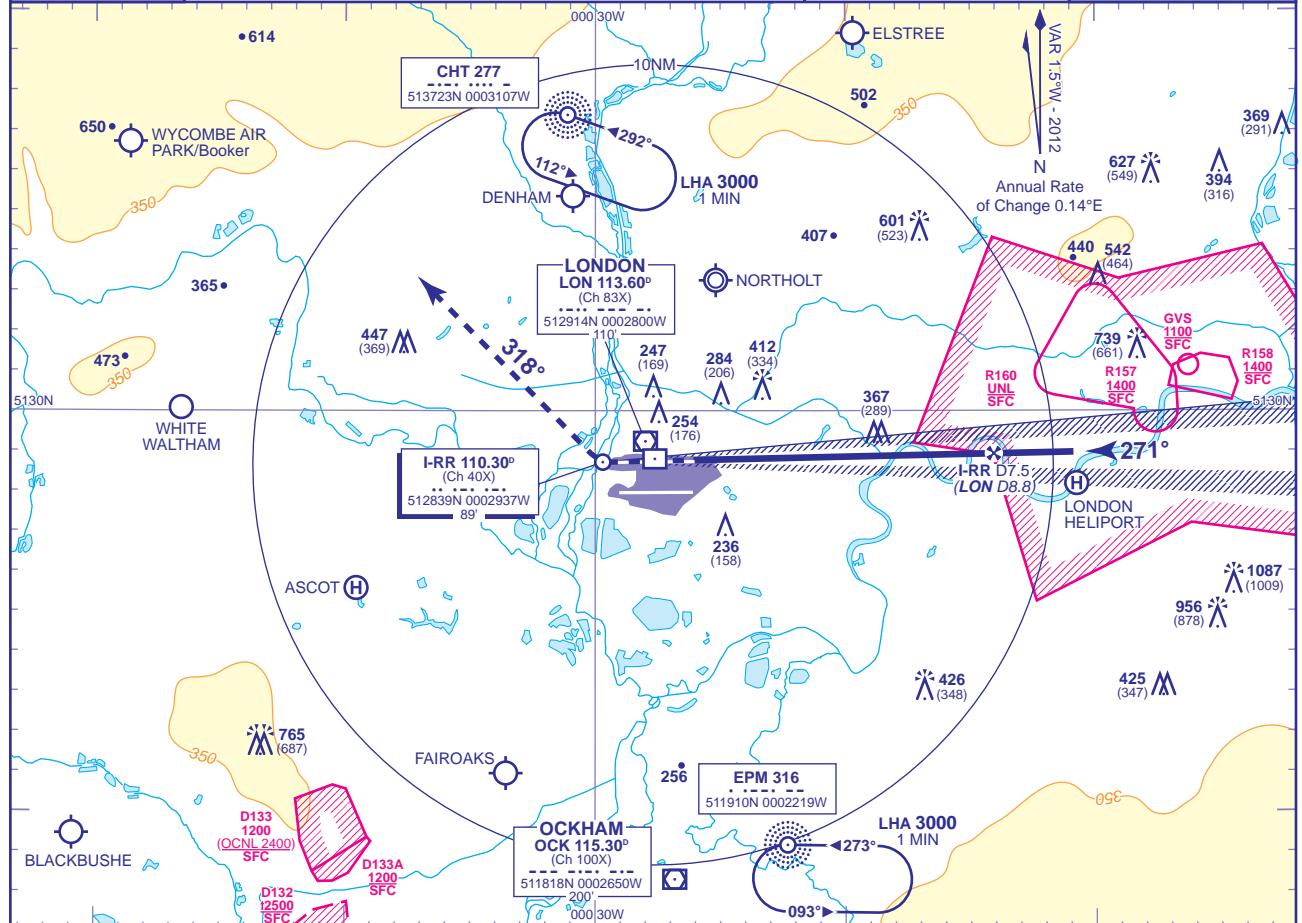
LONDON/HEATHROW

ILS/DME I-RR

RWY 27R

(ACFT CAT A,B,C,D)

	APP 119.725, 120.400, 127.525, 134.975 TWR 118.500, 118.700, 124.475 RAD 125.625, 127.525 ATIS 128.075, 113.750, 115.100	HEATHROW DIRECTOR HEATHROW TOWER HEATHROW RADAR HEATHROW INFORMATION	AD ELEVATION 83 THR ELEVATION 78 OBSTACLE ELEVATION 1087 AMSL (1009) (ABOVE THR) BEARINGS ARE MAGNETIC
			TRANSITION ALTITUDE 6000



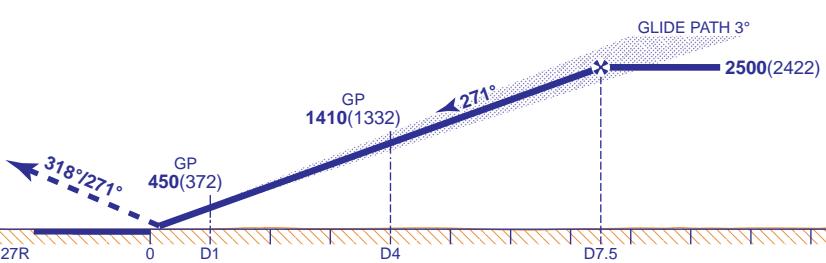
RECOMMENDED PROFILE GLIDE PATH 3°, 318FT/NM

DME I-RR	7	6	5	4	3	2	1
ALT(HGT)	2370(2292)	2050(1972)	1730(1652)	1410(1332)	1090(1012)	770(692)	450(372)

RDH 58

Climb to 3000 - straight ahead until passing 1580 or I-RR DME zero inbound whichever is later, turn right onto track 318°. Continue as directed.

RADIO FAILURE: On passing LON DME 10 turn right to NDB CHT at 3000.



I-RR DME zero ranged to THR RWY 27R

Aircraft Category	A	B	C	D	Rate of descent	G/S KT	160	140	120	100	80
OCA (OCH)	CAT I	224(146)	234(156)	247(169)	262(184)	FT/MIN	850	740	640	530	420
VM(C)OCA (OCH AAL)	Total Area	750(667)	750(667)	850(767)	850(767)						

AIRCRAFT UNABLE TO RECEIVE DME I-RR

Advise ATC. Equivalent radar ranges will be provided when established on the localiser approaching the nominal FAP and 4NM points.

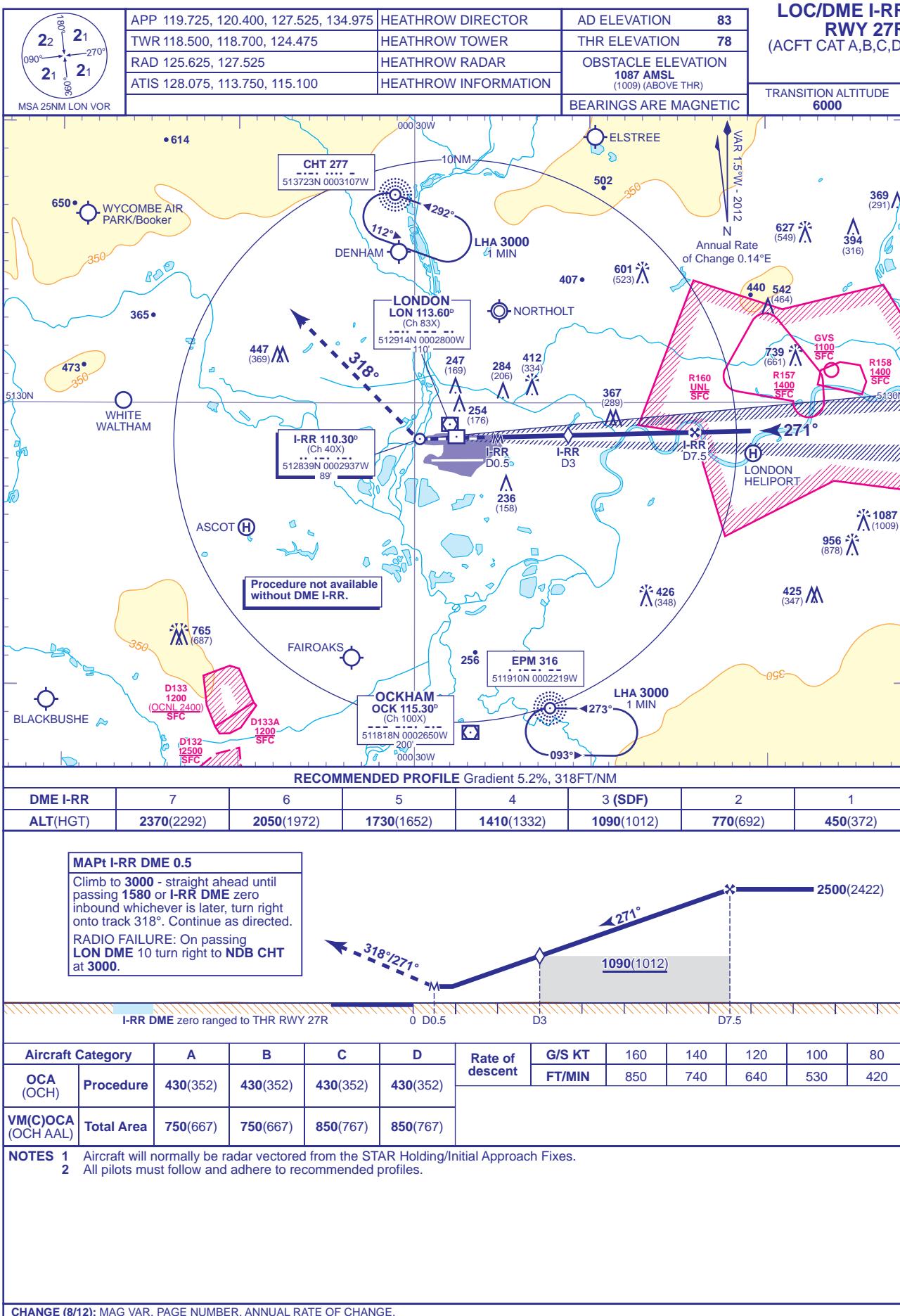
NOTES 1 Aircraft will normally be radar vectored from the STAR Holding/Initial Approach Fixes.

2 Ranging information is provided by ILS-dedicated DME facilities. DME values derived to the nearest 0.1NM from VOR DME LON are also provided for the FAP and 4NM check altitudes/heights.

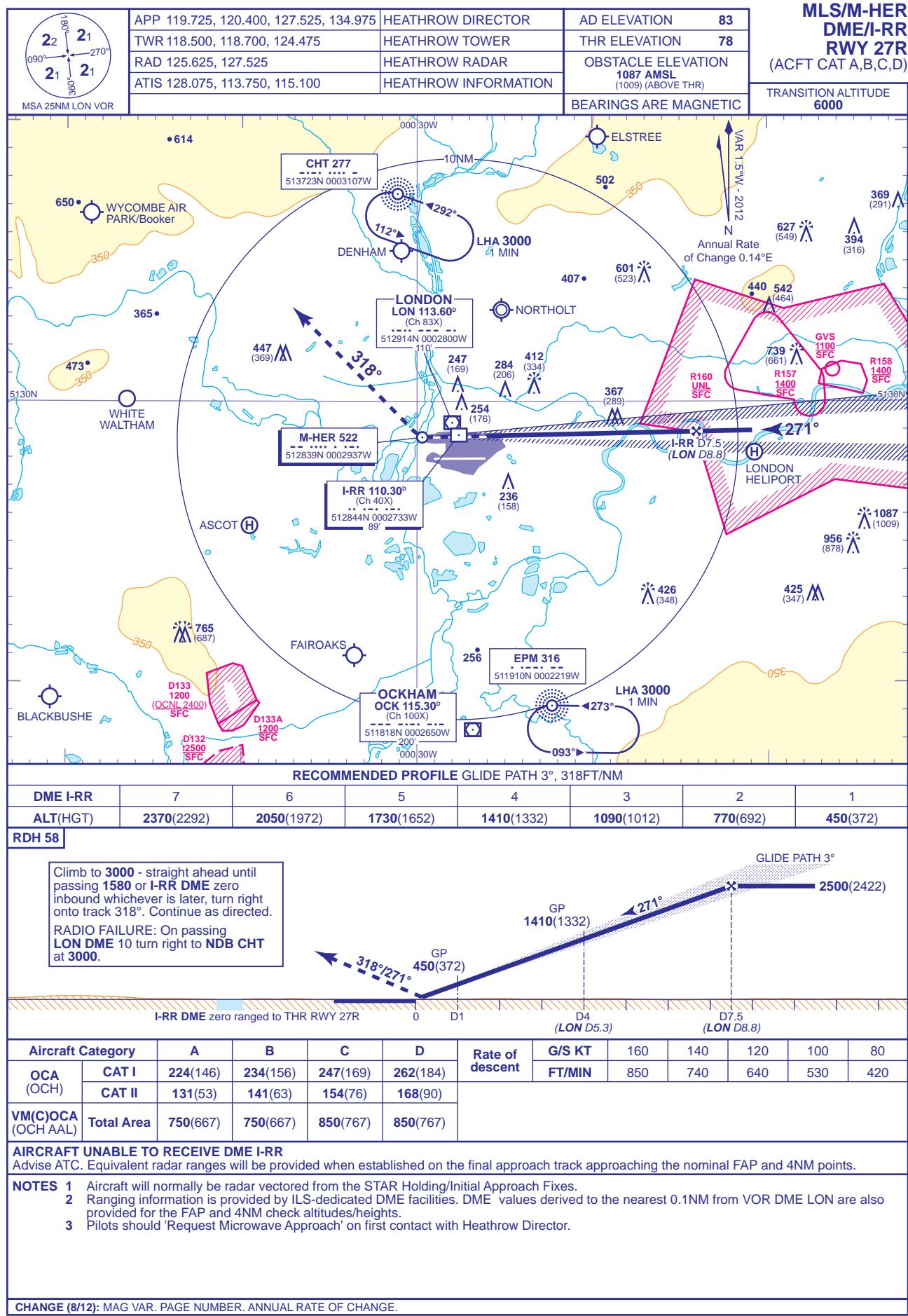
CHANGE (8/12): MAG VAR. PAGE NUMBER. ANNUAL RATE OF CHANGE.

AERO INFO DATE 23 APR 12

INSTRUMENT APPROACH CHART - ICAO



INSTRUMENT APPROACH CHART - ICAO



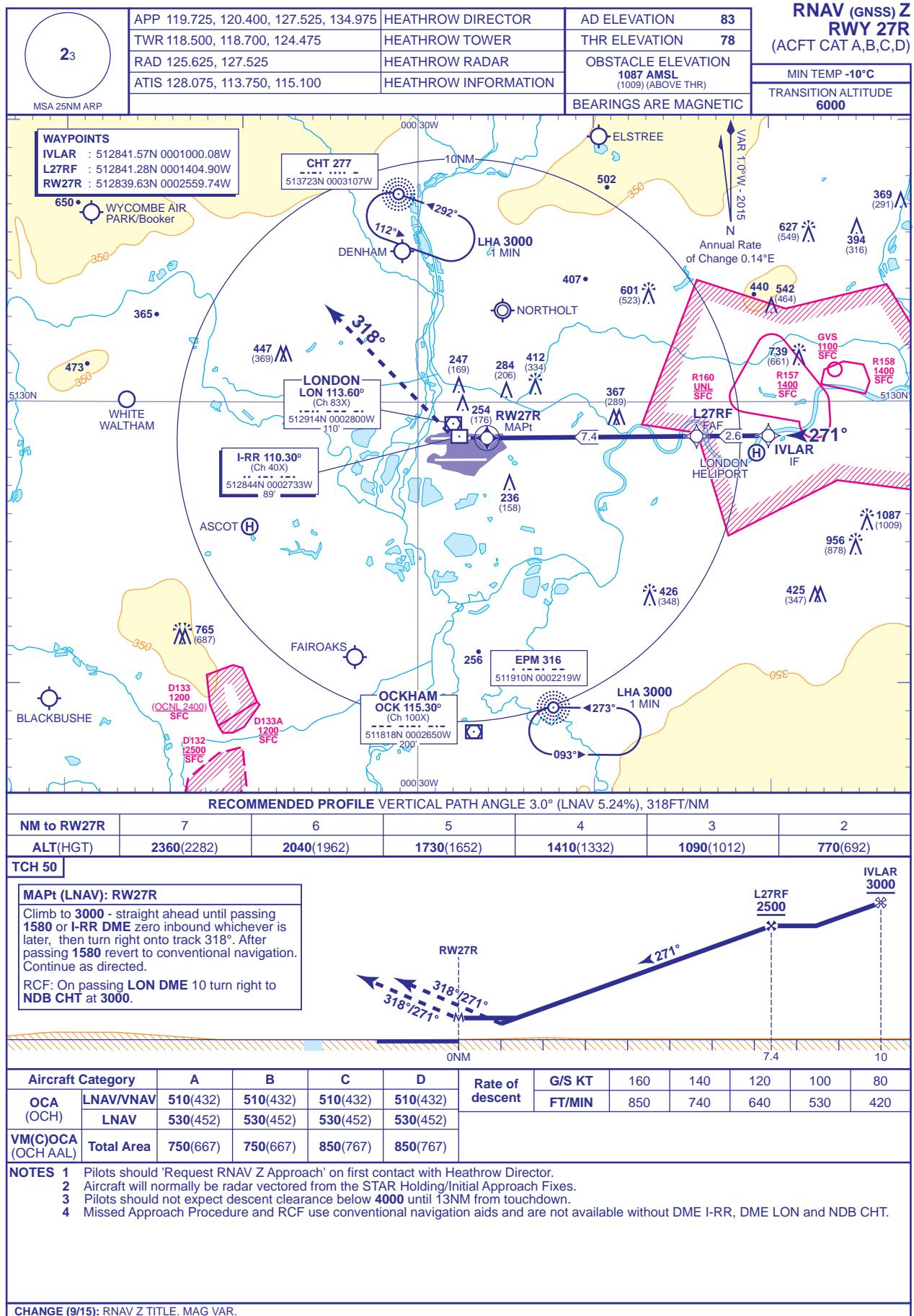
INSTRUMENT APPROACH CHART - ICAO

LONDON/HEATHROW

RNAV (GNSS) Z

RWY 27R

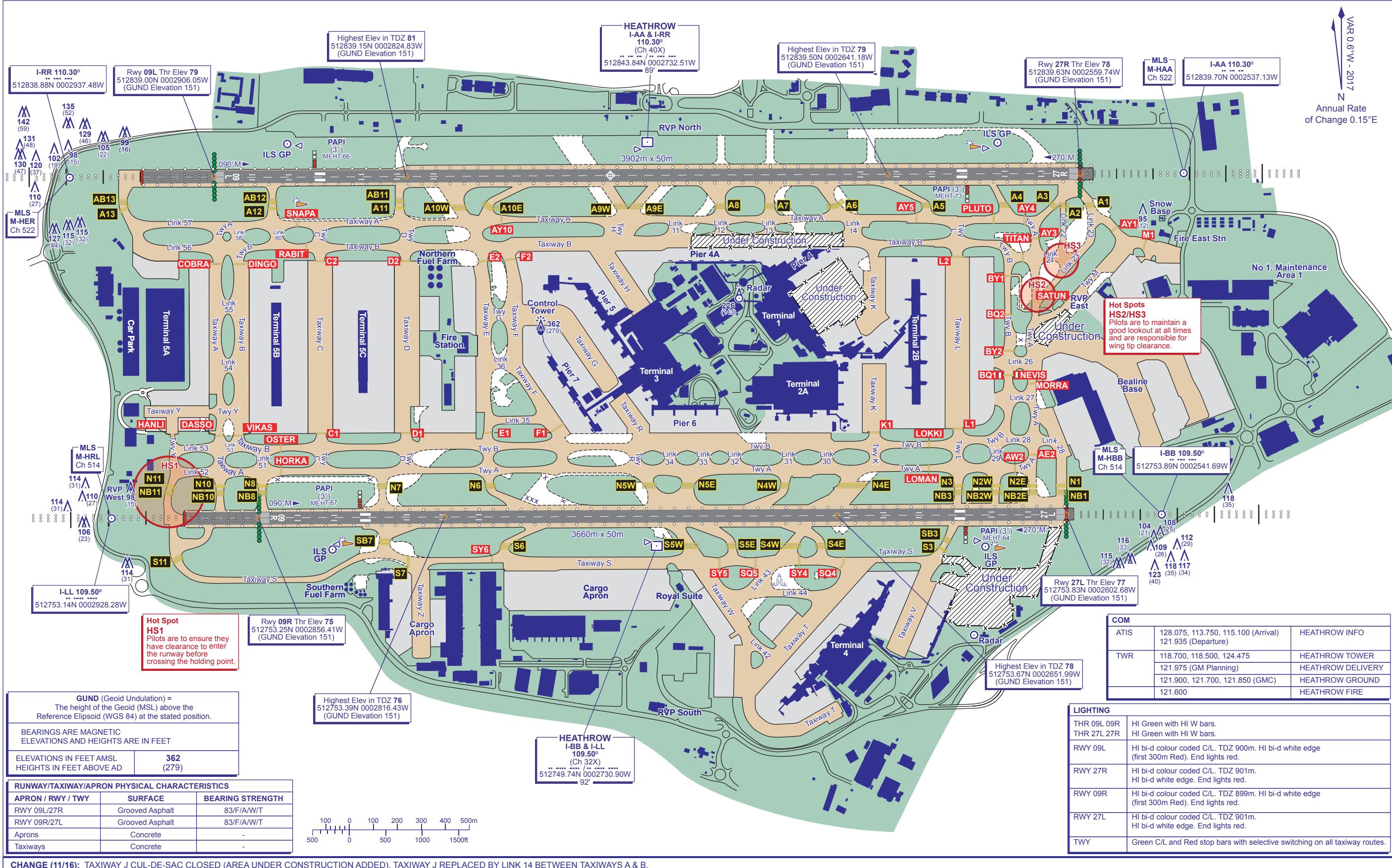
(ACFT CAT A,B,C,D)



AERODROME
CHART - ICAO

ARP 512839N 0002741W

AD ELEV 83FT

LONDON HEATHROW
EGLL

AERO INFO DATE 02 AUG 16