

List of pages in this Trip Kit

Trip Kit Index

Airport Information For EGKK

Terminal Charts For EGKK

Revision Letter For Cycle 01-2014

Change Notices

Notebook

General Information

Location: London Gbr
IATA Code: LGW
Lat/Long: N51° 08.9' W000° 11.4'
Elevation: 203 ft

Airport Use: Public
Magnetic Variation: 1.1°W

Fuel Types: Jet A-1
Repair Types: Major Airframe, Major Engine
Customs: Yes
Airport Type: IFR
Landing Fee: No
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0804 Z
Sunset: 1609 Z,

Runway Information

Runway: 08L
Length x Width: 8415 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 195 ft
Lighting: Edge, ALS, REIL
Displaced Threshold: 1056 ft

Runway: 08R
Length x Width: 10879 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 196 ft
Lighting: Edge, ALS, Centerline, TDZ
Displaced Threshold: 1289 ft
Stopway: 243 ft

Runway: 26L
Length x Width: 10879 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 196 ft
Lighting: Edge, ALS, Centerline, TDZ
Displaced Threshold: 1391 ft
Stopway: 200 ft

Runway: 26R
Length x Width: 8415 ft x 148 ft

Surface Type: asphalt
TDZ-Elev: 195 ft
Lighting: Edge, ALS, REIL
Displaced Threshold: 1368 ft

Communication Information

ATIS 136.525
Gatwick Ground Tower 121.8
Gatwick Delivery Tower 121.95
Gatwick Tower 134.225
Gatwick Tower 124.225
Gatwick Director Approach Control 129.025
Gatwick Director Approach Control 118.95
Gatwick Director Approach Control 126.825

1. GENERAL

1.1. ATIS

D-ATIS 136.52

1.2. NOISE ABATEMENT PROCEDURES

1.2.1. GENERAL

The following procedures may at any time be departed from to the extent necessary for avoiding immediate danger or for complying with ATC instructions.

Every operator of ACFT using the APT shall ensure at all times that ACFT are operated in a manner calculated to cause the least disturbance practicable in areas surrounding the APT.

1.2.2. REVERSE THRUST

Avoid use of reverse thrust after landing between 2330-0600LT except for safety reasons.

1.2.3. USE OF APU

Fixed Electrical Ground Power must be used whenever available and serviceable. Use of ACFT Auxiliary Power Units (APUs) and Ground Power Units (GPUs) are strictly controlled to minimise environmental impact. APUs must be shut down after arrival and only restarted before departure according to the timescales described in detail in published Gatwick APT Instructions and Directives. Regular audits take place to ensure compliance to the regulations. Dispensation to use GPUs must be requested from GAL Airfield Operations +44(0)1293 503090.

1.2.4. RUN-UP TESTS

Run-up tests are controlled in accordance with instructions issued by Gatwick APT LTD.

1.2.5. NIGHTTIME RESTRICTIONS

Any ACFT which has a noise classification greater than 95.9 EPNdB may not be scheduled to take-off or land between 2300-0700LT.

Any ACFT which has a noise classification greater than 98.9 EPNdB may not take off between 2300-0700LT, except between 2300-2330LT when

- It was scheduled to take-off prior to 2300LT;
- Take-off was delayed for reasons beyond control of the ACFT operator;
- APT authority has not given notice to the ACFT operator precluding take-off.

Any ACFT may not take off or be scheduled to land between 2300-0700LT where the operator of that ACFT has not provided (prior to its take-off or prior to its scheduled landing times as appropriate) sufficient information to enable the APT authority to verify its noise classification.

None of the provisions of this notice shall apply to a take-off or landing which is made in an emergency consisting of an immediate danger to life or health, whether human or animal.

1.3. LOW VISIBILITY PROCEDURES (LVP)

1.3.1. GENERAL

Pilots will be informed when RWY 08R/26L ATC Low Visibility Procedures are in operation via ATIS or RTF.

1.3.2. ARRIVAL

Exits will be illuminated and pilots should select the first convenient exit. GMR (ground movement radar) is available to monitor pilot "RWY vacated" reports. When GMR is not available to ATC, report of ACFT vacating RWY (Localizer sensitive area) will be assessed by receipt of pilot report that the ACFT has passed the last of the alternate amber and green centerline lights. These lights denote the extent of the ILS Localizer sensitive area.

1. GENERAL

1.3.3. DEPARTURE

1.3.3.1. RWY 08R

Entry via CAT III holding point at H3, J3, J4 or J7.

1.3.3.2. RWY 26L

Entry via CAT III holding point at A3 or M3.

Occasionally, it may be necessary for other departure points to be used due to work in progress or at the discretion of ATC.

1.4. SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM

APT is equipped with an advanced surface movement radar utilising Mode S.

ACFT operators should ensure that Mode S transponders are able to operate when ACFT is on the ground.

Flight crew should select XPNDR or the equivalent according to specific installation, AUTO if available, not OFF or STANDBY, and the assigned Mode A code from the request for push-back or taxiing, whichever is earlier or after landing, continuously until the ACFT is fully parked on stand.

After parking the Mode A code 2000 must be set before selecting OFF or STANDBY.

Flight crew of ACFT equipped with Mode S having an ACFT identification feature should also set the ACFT identification. This setting is the ACFT identification specified in item 7 of the ICAO flight plan. The ACFT identification should be entered from the request for push-back or taxiing, whichever is earlier, through the FMS or the transponder control panel.

1.5. RWY OPERATIONS

RWY 08L/26R will only be used when RWY 08R/26L is temporarily non-operational.

1.6. TAXI PROCEDURES

TWY M is available as an entry point to RWY 26L. TWY M can not be used as an exit point from RWY 08R.

On TWY Y ABEAM Pier 1 and Y4 to Y3, large ACFT must be under tow.

ACFT with a wingspan of 213'/65m and greater may not taxi without Follow-me cars in front and behind.

TWY L beyond stand 36 to access stands 37 and 38 MAX wingspan 200' /61m.

Sub-standard wing tip clearance for TWY L, between intersections with TWY R and S for ACFT with wingspan exceeding 171' /52m.

TWY J, East of TWY N and TWY Z MAX wingspan less than 171' /52m.

TWY Y between TWY M and ABEAM windsock MAX wingspan less than 118' /36m.

When RWY 08L/26R is in use, parallel TWY J between TWY S and HP J5 MAX wingspan 164' /50m and between TWY S and HP J8 MAX wingspan 98' /30m.

1.7. PARKING INFORMATION

1.7.1. GENERAL

All stands except 41 and 43 are nose-in/push-back.

On stands 150L, 150R, 151L, 151R, 152L and 152R marshaller required.

1. GENERAL

1.7.2. STAND ENTRY GUIDANCE SYSTEMS

Activation of stand entry guidance systems should indicate that a safety check of the stand has been made by handling agent prior to ACFT arrival.

Pilots should not enter an ACFT stand unless system is illuminated or marshaller has signalled clearance to proceed.

The stand entry guidance system is provided by safedock, except as following:

AGNIS/PAPA:	Stands 130 thru 135, 140 thru 142.
AGNIS/Stop Arrow:	Stands 33R, 136, 143 thru 145.
Painted centerline/Stop Arrow:	Stands 41, 43 and 156.

2. ARRIVAL

2.1. SPEED RESTRICTIONS

Pilots should typically expect the following speed restrictions to be enforced:

- 220 KT from the holding facility during the intermediate approach phase;
- 180 KT on base leg/closing heading to the ILS;
- Between 180 KT and 160 KT when first established on the ILS;
and thereafter 160 KT to D4.0.

These speeds are applied for ATC separation purposes and are mandatory.

In the event of a new (non-speed related) ATC clearance being issued (e.g. an instruction to descend on ILS), pilots are not absolved from a requirement to maintain a previously allocated speed. All speed restrictions are to be flown as accurately as possible. ACFT unable to conform to these speeds should inform ATC and state what speeds will be used. In the interests of accurate spacing, pilots are requested to comply with speed adjustments as promptly as feasible within their own operational constraints, advising ATC if circumstances necessitate a change of speed for ACFT performance reasons.

2.2. NOISE ABATEMENT PROCEDURES

The following procedures may at any time be departed from to the extent necessary for avoiding immediate danger or for complying with ATC instructions.

Every operator of ACFT using the APT shall ensure at all times that ACFT are operated in a manner calculated to cause the least disturbance practicable in areas surrounding the APT.

Maintain an altitude as high as practicable and avoid overflying Crawley, East Grinstead, Horley and Horsham below 3000' (Gatwick QNH) and Lingfield below 2000' (Gatwick QNH).

ACFT using the ILS shall not descend below 2000' (Gatwick QNH) before intercepting GS nor thereafter fly below it. ACFT approaching without ILS assistance shall follow a descent path which will not result in its being at any time lower than the height of the approach path normally indicated by the PAPI.

Do not join final approach at a height of less than 1710', except propeller driven ACFT of not more than 5700 KGS MTWA which shall not join at a height of less than 1210'.

Between 2330-0600LT

ACFT shall not join the centerline below 3000' (Gatwick QNH) closer than 10 NM from touchdown.

An ACFT approaching to land shall according to its ATC clearance minimise noise disturbance by the use of continuous descent and low power, low drag operating procedures.

Where the use is not practicable, ACFT shall maintain an altitude as high as possible.

2. ARRIVAL

2.3. CAT II/III OPERATIONS

RWY 08R/26L is approved for CAT II/III operations, special aircrew and ACFT certification required.

2.4. RWY OPERATIONS

2.4.1. MINIMUM RWY OCCUPANCY TIME

High Intensity RWY Operation requires all ACFT to exit RWY at fastest speed commensurate with safety. Extended RWY occupancy may result in following ACFT being sent around.

Pilots should pre-plan their landing and roll-out to target rapid exit TWYs that provides for a safe and expeditious exit from RWY to reduce delays and maximise utilisation at all times.

Landing ACFT are to vacate expeditiously.

Arrivals are to ensure fully vacated before stopping.

RWY 08R:

TWY D distance from THR 4324'/1318m, design exit speed 38 KT.

TWY CR distance from THR 5705'/1739m, design exit speed 49 KT.

TWY BR distance from THR 7198'/2194m, design exit speed 52 KT.

Traffic vacating at TWY CR have to await onward clearance before entering TWY J due to conflicting ground traffic.

Traffic vacating at TWY BR have to route TWY P and hold before TWY J to ensure tail clear of RWY.

Tactical requests to extend landing roll to reduce ground taxi/exit nearer to parking stand are not to be made to ATC.

RWY 26L:

TWY E distance from THR 4341'/1323m, design exit speed 38 KT.

TWY FR distance from THR 5817'/1773m, design exit speed 52 KT.

TWY GR distance from THR 6788'/2069m, design exit speed 49 KT.

Traffic vacating at TWY E have to turn RIGHT onto RWY 08L without stopping on RWY exit.

Traffic vacating TWY FR or GR have to cross RWY 26R onto TWY J. When exiting RWY 26L ACFT do not have to call for clearance to cross RWY 26R as RWYs cannot be used simultaneously.

2.4.2. "LAND AFTER" PROCEDURE

Normally, only one ACFT is permitted to land or take-off on the RWY-in-use at any one time. However, when the traffic sequence is two successive landing ACFT, the second one may be allowed to land before the first one has cleared the RWY-in-use, providing:

- RWY is long enough;
- It is during daylight hours;
- The second ACFT will be able to see the first ACFT clearly and continuously until it is clear of the RWY;
- The second ACFT has been warned.

ATC will provide this warning by issuing the second ACFT with the instruction "**Landafter ... (first ACFT type) "** in place of the usual instruction "Cleared to land". Responsibility for ensuring adequate separation between the two ACFT rests with the pilot of the second ACFT.

2.5. OTHER INFORMATION

2.5.1. GENERAL

Warning: In low visibility at NIGHT the apron and car park floodlighting may be seen before the APCH lights on RWY 26L and 26R approaches. Strong Southerly/South westerly winds can cause building induced turbulence and windshear effects when landing on RWY 26L/R.

2. ARRIVAL

2.5.2. SPECIAL LANDING PROCEDURES

Special landing procedures may be in force in conditions hereunder, when the use will be as follows:

- When the RWY-in-use is temporarily occupied by other traffic, landing clearance will be issued to an arriving ACFT provided that at the time the ACFT crosses the THR of the RWY-in-use the following separation distances will exist:
 - **Landing following landing** - The preceding landing ACFT will be clear of the RWY-in-use or will be at least 2500m/1.35 NM from the THR of the RWY-in-use.
 - **Landing following departure** - The departing ACFT will be airborne and at least 2000m/1.1 NM from the THR of the RWY-in-use, or if not airborne, will be at least 2500m/1.35 NM from the THR of the RWY-in-use.
- Reduced separation distances as follows will be used where both the preceding and succeeding landing ACFT or both the landing and departing ACFT are propeller driven and have a maximum total weight authorized not exceeding 5700 kg:
 - **Landing following landing** - The preceding ACFT will be clear of the RWY-in-use or will be at least 1500m/0.8 NM from the THR of the RWY-in-use.
 - **Landing following departure** - The departing ACFT will be airborne or will be at least 1500m/0.8 NM from the THR of the RWY-in-use.

- Conditions of Use

The procedures will be used by **DAY only** under the following conditions:

- When 26L/08R is in use;
- When the controller is satisfied that the pilot of the next arriving ACFT will be able to observe the relevant traffic clearly and continuously;
- When the pilot of the following ACFT is warned;
- When there is no evidence that the braking action may be adversely affected;
- When the controller is able to assess separation visually or by radar derived information.

When issuing a landing clearance following the application of these procedures ATC will issue the second ACFT with the following instructions:

..... (call sign) after landing/departing

..... (ACFT Type) cleared to land

RWY (designator).

3. DEPARTURE

3.1. START-UP, PUSH-BACK & TAXI PROCEDURES

3.1.1. GENERAL

Call Delivery for clearance 15 min before start-up to allow for departure data to be processed.

Pilots should only request push-back when they actually ready to do so. Ensure that the tug driver is in the tug ready to push.

3.1.2. TWY GUIDANCE SYSTEM TO RWY 08L/26R

- When the TWY lighting system is in use during RWYs 08L and 26R operations, limited selective switching of green centerline lights is available in conjunction with red GUARD BARS at RWY holding points.
- The RWY holding points, in addition to red GUARD BARS are marked by mandatory signs and amber flashing RWY guard lights.
- Because only limited TWY centerline lights switching is available in conjunction with the use of RWYs 08L and 26R, pilots must exercise extreme caution to remain on the correct TWY route when cleared to the RWY from a holding position. In certain positions, amber flashing RWY guard lights, forward of the holding positions, denote the proximity of the RWY itself.

3.2. SPEED RESTRICTIONS

MAX 250 KT below FL 100 unless otherwise authorized.

3.3. NOISE ABATEMENT PROCEDURES

3.3.1. GENERAL

The following procedures may at any time be departed from to the extent necessary for avoiding immediate danger or for complying with ATC instructions.

Every operator of ACFT using the APT shall ensure at all times that ACFT are operated in a manner calculated to cause the least disturbance practicable in areas surrounding the APT.

After take-off operate ACFT so that it is at or above 1210' at 6.5 km from start of roll as measured along the departure track and so that it will not cause more than:

- 94 dBA between 0700-2300LT,
- 89 dBA between 2300-2330LT and between 0600-0700LT,
- 87 dBA between 2330-0600LT

at any noise monitoring terminal. Jet ACFT maintain a minimum climb gradient of 243' per NM (4%) to at least 3000' to ensure progressively decreasing noise levels at points on the ground under the flight path beyond the monitoring terminal.

Noise preferential routing procedures applicable for all jet ACFT and other ACFT with MTWA of more than 5700 KGS (between 0600-2330LT of more than 17000 KGS and except any Dash 7 ACFT) are depicted on London Gatwick SID charts, and on page 20-4.

Do not overfly Horley and Crawley.

3. DEPARTURE

3.3.2. NOISE QUOTA SYSTEM DURING NIGHT (2300-0700LT)

Main restrictions are as follows:

- Night Period (2300-0700LT);
- Night Quota Period (2330-0600LT).

ACFT movements will score against the quota as follows:

Noise Level Band (EPNdB)	QUOTA Count
84 - 86.9	0.25
87 - 89.9	0.5
90 - 92.9	1
93 - 95.9	2
96 - 98.9	4
99 - 101.9	8
more than 101.9	16

3. DEPARTURE

3.4. RWY OPERATIONS

3.4.1. WAKE VORTEX SEPARATIONS

The following pairs of holding points for RWY 08R/26L are considered to be the same point for the purposes of departure wake vortex separation:

RWY 08R

Holding points J1/J3 and H1/H3;

Holding points J1/J3 and G1;

Holding points H1/H3 and G1.

RWY 26L

Holding points M1/M3 and A2/A3;

Holding points M1/M3 and B1;

Holding points A2/A3 and B1;

Holding points B1 and C1;

Holding points B1 and Y1/Y2.

3.4.2. MINIMUM RWY OCCUPANCY TIME

On receipt of line-up clearance pilots should ensure that they are able to taxi and line-up on the RWY as soon as the preceding ACFT has commenced its take-off roll or landing run.

On receipt of take-off clearance, pilots should ensure that they are able to commence take-off without delay.

Pilots not able to comply with these requirements should notify ATC as soon as possible once transferred to Tower frequency.

3.5. OTHER INFORMATION

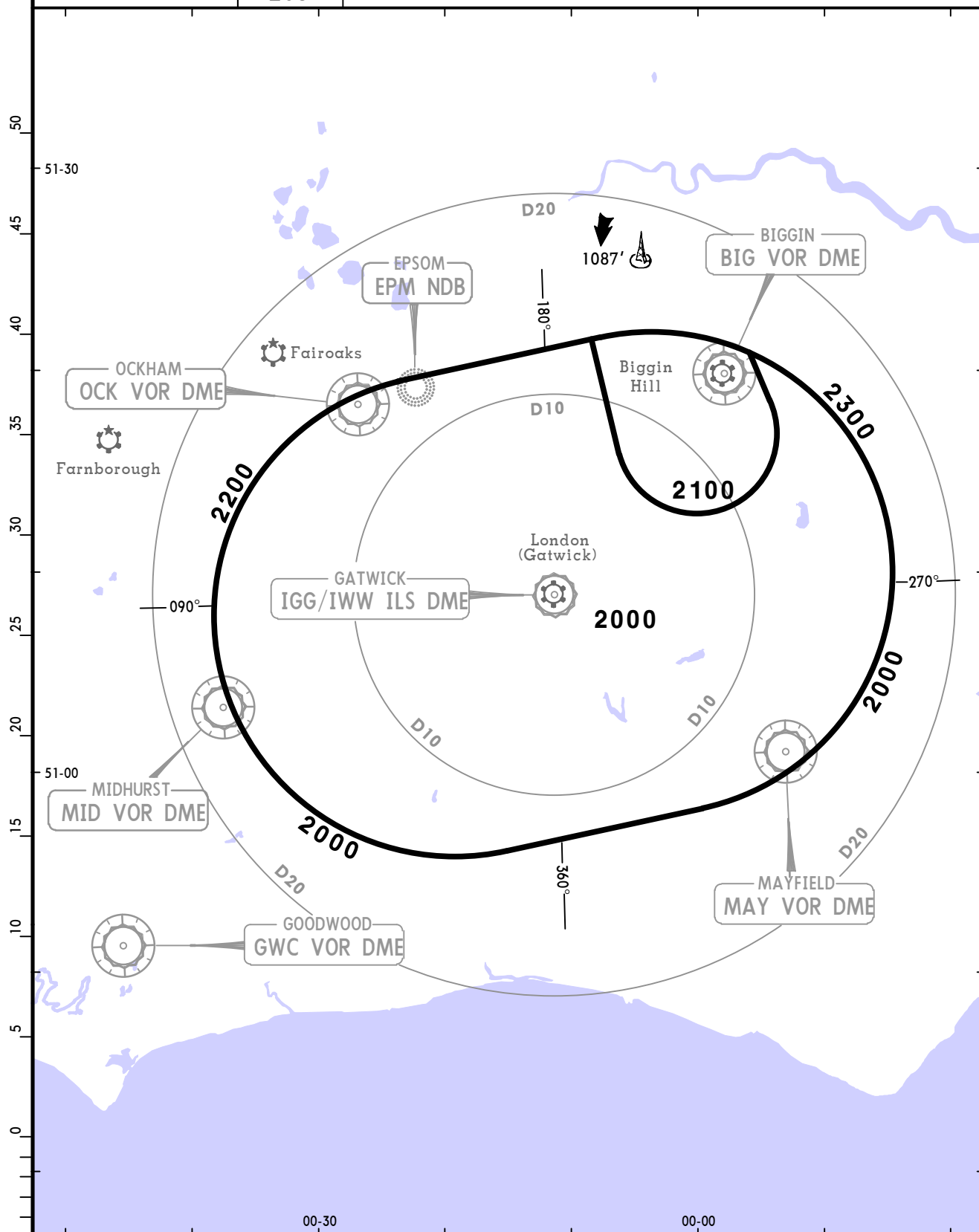
ACFT must not commence their take-off run from RWY 08L before reaching "START OF TODA" sign located 1401'/427m West of THR.

ACFT must not commence their take-off run from RWY 26R before reaching "START OF TODA" sign located 1368'/417m East of THR.

GATWICK Director(APP)
126.82

Apt Elev
203'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'



OUTSIDE THE DESIGNATED RADAR MINIMUM ALTITUDE AREA

The minimum altitude to be allocated by the radar controller will be either the Minimum Sector Altitude or 1000' above any fixed obstacles:

- within 5 NM ① of the aircraft and
- within the sector 15 NM ② ahead of and within 20° either side of the aircraft's track.

3 NM ① or 10 NM ② when the aircraft is within 15 NM of the radar antennae.

PROCEDURE	LOSS OF COMMUNICATION PROCEDURE
INITIAL APPROACH	Continue visually or by means of an appropriate approved final approach aid. If not possible proceed to MAY at 3000' or last assigned level if higher.
INTERMEDIATE AND FINAL APPROACH	Continue visually or by means of an appropriate approved final approach aid. If not possible follow the Missed Approach Procedure to MAY.

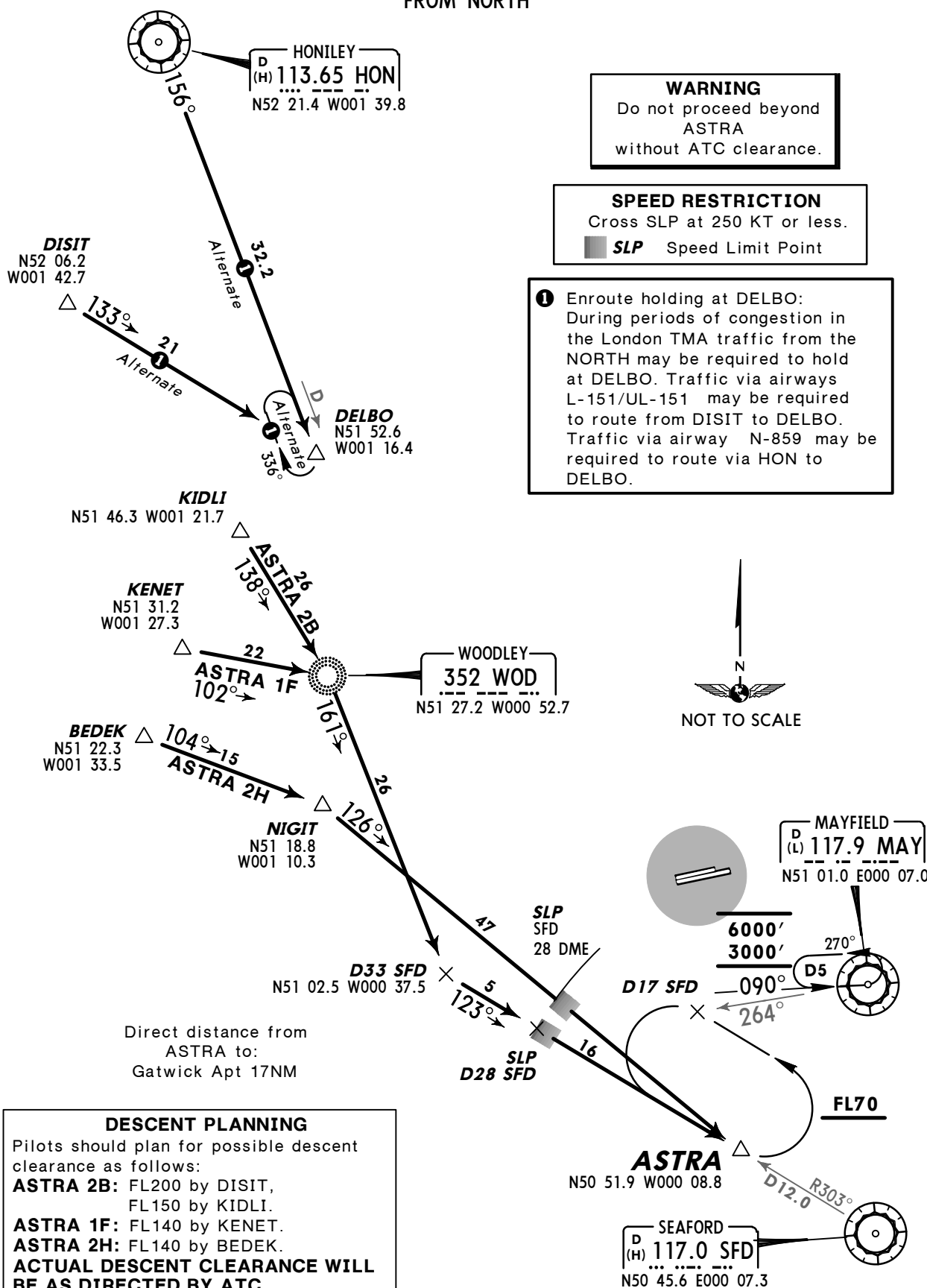
D-ATIS
136.52Apt Elev
203'Alt Set: hPa
Trans level: By ATC Trans alt: 6000'

ASTRA 2B [ASTR2B]

ASTRA 1F [ASTR1F]

ASTRA 2H [ASTR2H]

ARRIVALS

TO BE USED WHEN MID VOR UNSERVICEABLE
FROM NORTH

D-ATIS
136.52

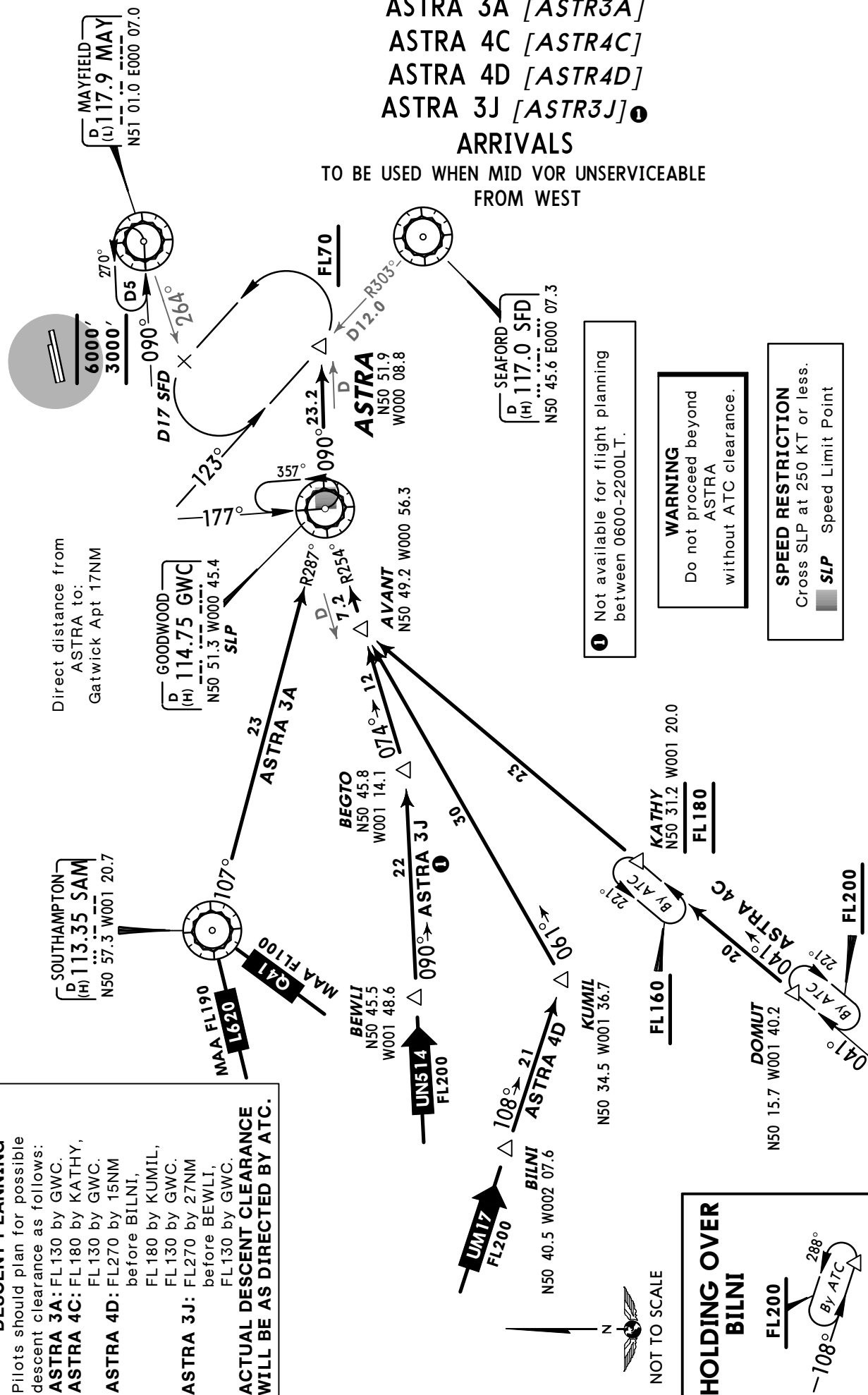
Apt Elev
203'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'

ASTRA 3A [ASTR3A]
ASTRA 4C [ASTR4C]
ASTRA 4D [ASTR4D]
ASTRA 3J [ASTR3J] ①

ARRIVALS

TO BE USED WHEN MID VOR UNSERVICEABLE
FROM WEST

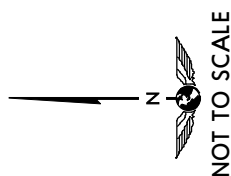


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D-ATIS
136.52Apt Elev
203'Alt Set: hPa
Trans level: By ATC Trans alt: 6000'TIMBA 3B [TIMB3B], TIMBA 2F [TIMB2F]
TIMBA 1G [TIMB1G]
ARRIVALS

FROM EAST & SOUTH

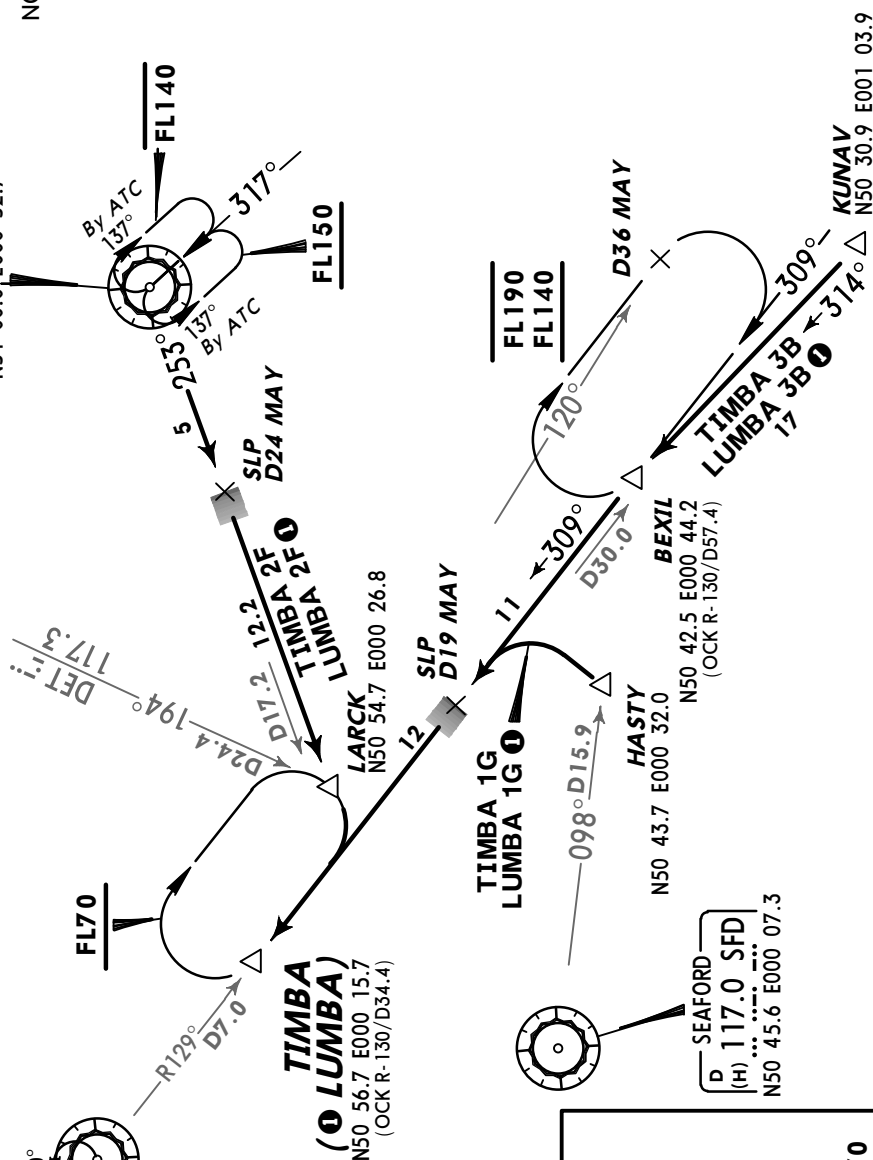
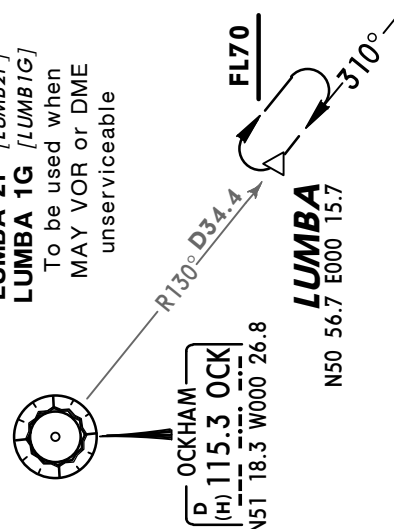
WHEN MAY VOR OR DME UNSERVICEABLE USE

① LUMBA 3B [LUMB3B], LUMBA 2F [LUMB2F]
LUMBA 1G [LUMB1G]

WARNING

Do not proceed beyond
TIMBA/LUMBA
without ATC clearance.LYDD
(H) 114.05 LYD
N51 00.0 E000 52.7

DESCENT PLANNING

Pilots should plan for possible
descent clearance as follows:
TIMBA 3B: FL150 by BEXIL
TIMBA 2F, 1G: by ATC
ACTUAL DESCENT CLEARANCE
WILL BE AS DIRECTED BY ATC.Direct distance from
TIMBA/LUMBA to:
Gatwick Apt 21NM① LUMBA 3B [LUMB3B]
LUMBA 2F [LUMB2F]
LUMBA 1G [LUMB1G]
To be used when
MAY VOR or DME
unserviceable

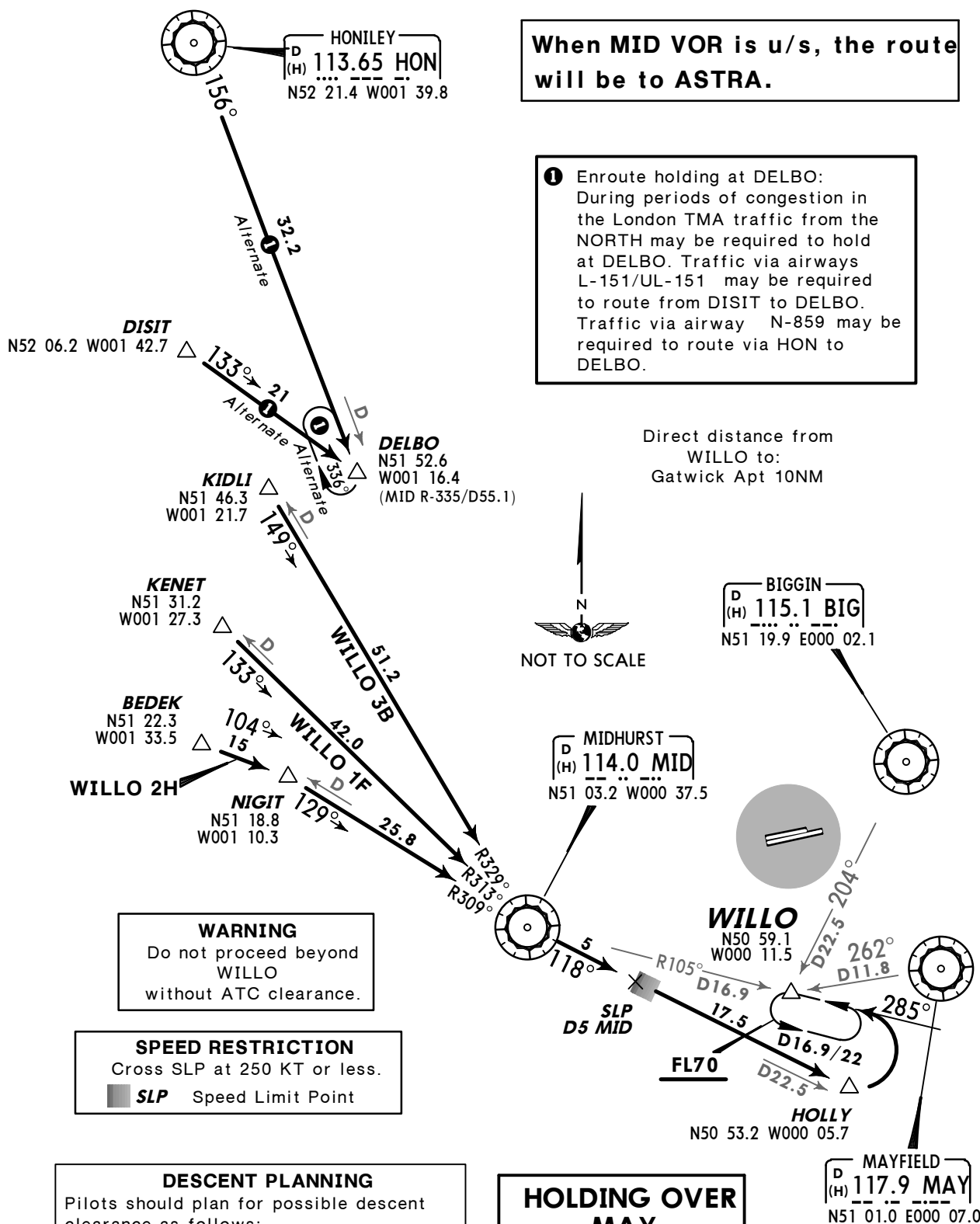
CHANGES: Radial update; restrictions revised. © JEPPESEN, 2002, 2013. ALL RIGHTS RESERVED.

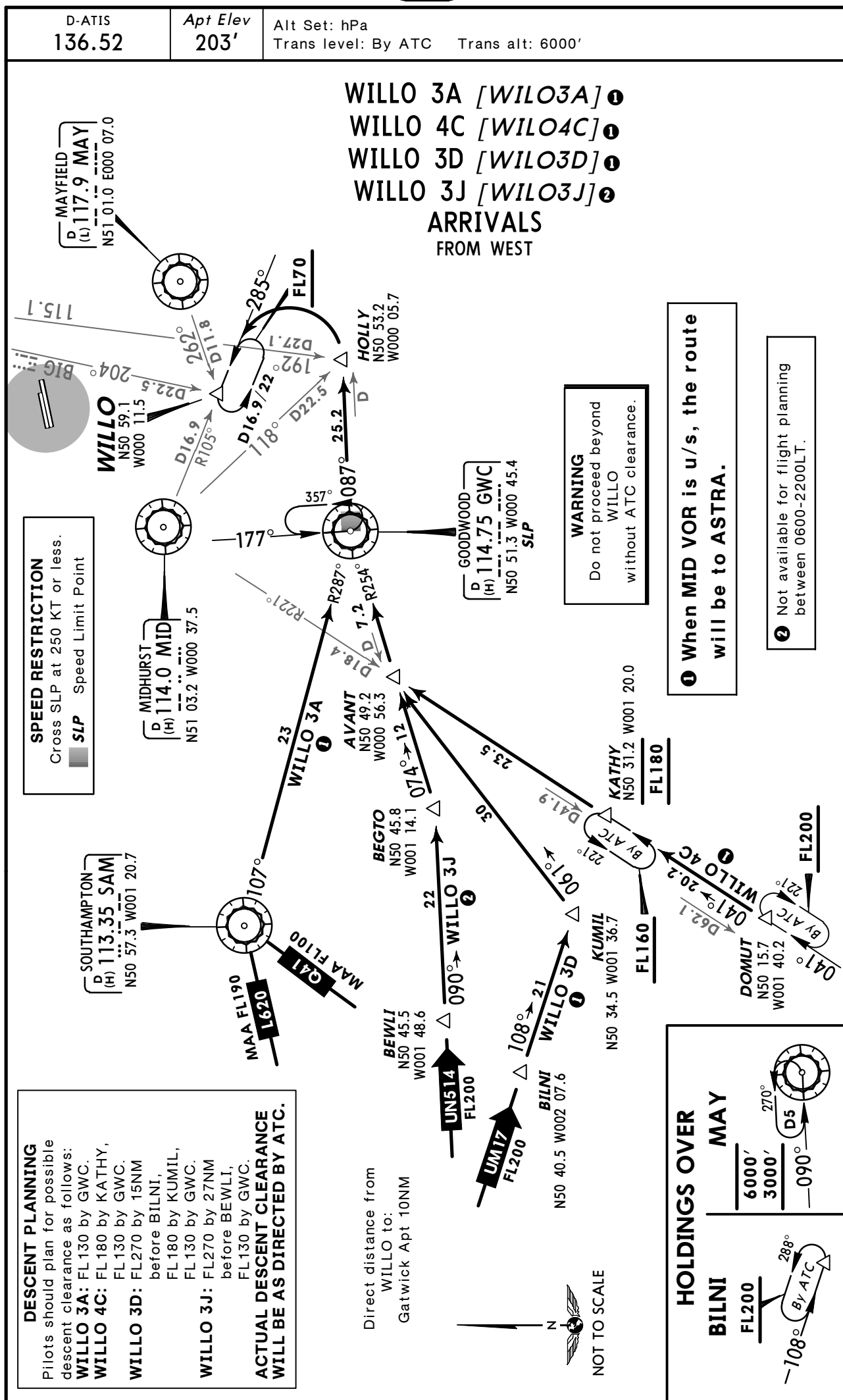
D-ATIS
136.52

Apt Elev
203'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'

**WILLO 3B [WILLO3B], WILLO 1F [WILLO1F]
WILLO 2H [WILLO2H]
ARRIVALS
FROM NORTH**





RNAV SID DESIGNATION	REFER TO CHART
BIG 1X	20-3B
BIG 1Z	20-3C
BOGNA 1X	20-3D
CLN 3X	20-3E
CLN 1Z	20-3F
DAGGA 1X	20-3G
DVR 1X	20-3H
DVR 1Z	20-3J
HARDY 1X	20-3K
KENET 1X	20-3L
KENET 1Z	20-3M
LAM 1X	20-3N
LAM 1Z	20-3P
SAM 1X	20-3Q
SAM 3Z	20-3S
SFD 1X	20-3T
SFD 4Z	20-3U
TIGER 1X	20-3V
WIZAD 1X	20-3V1

FOR SID DESIGNATION REFER TO PAGE 20-3A

SID DESIGNATION	REFER TO CHART
BIG 7M, 7V	20-3V3
BIG 3P, 3W	20-3V4
BOGNA 1M, 1V	20-3V5
CLN 8M, 8V	20-3V6
CLN 5P, 5W	20-3V7
DVR 8M, 8V	20-3V8
DVR 2P, 2W	20-3W
HARDY 5M, 5V	20-3X
KENET 2M, 2V	20-3X1
KENET 3P, 3W	20-3X2
LAM 4M, 4V	20-3X3
LAM 5P, 5W	20-3X4
SAM 2M, 2V	20-3X5
SAM 3P, 3W	20-3X6
SFD 5M, 5V	20-3X7
SFD 9P, 9W	20-3X8
DAGGA 1M, 1V, TIGER 3M, 3V	20-3X9
WIZAD 4M, 4V	20-3X10

*GATWICK
Delivery
121.95LONDON
Control
120.52Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery.
 2. When instructed contact LONDON Control.
 3. SIDs include noise preferential routes (refer to 20-4).
 4. Cruising levels will be issued after take-off by LONDON Control.
 5. EXPECT close-in obstacles.
 6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability.
 7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

BIG 1X RWY 26L RNAV DEPARTURE

RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT

WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
TO EGLL & EGWU ONLY

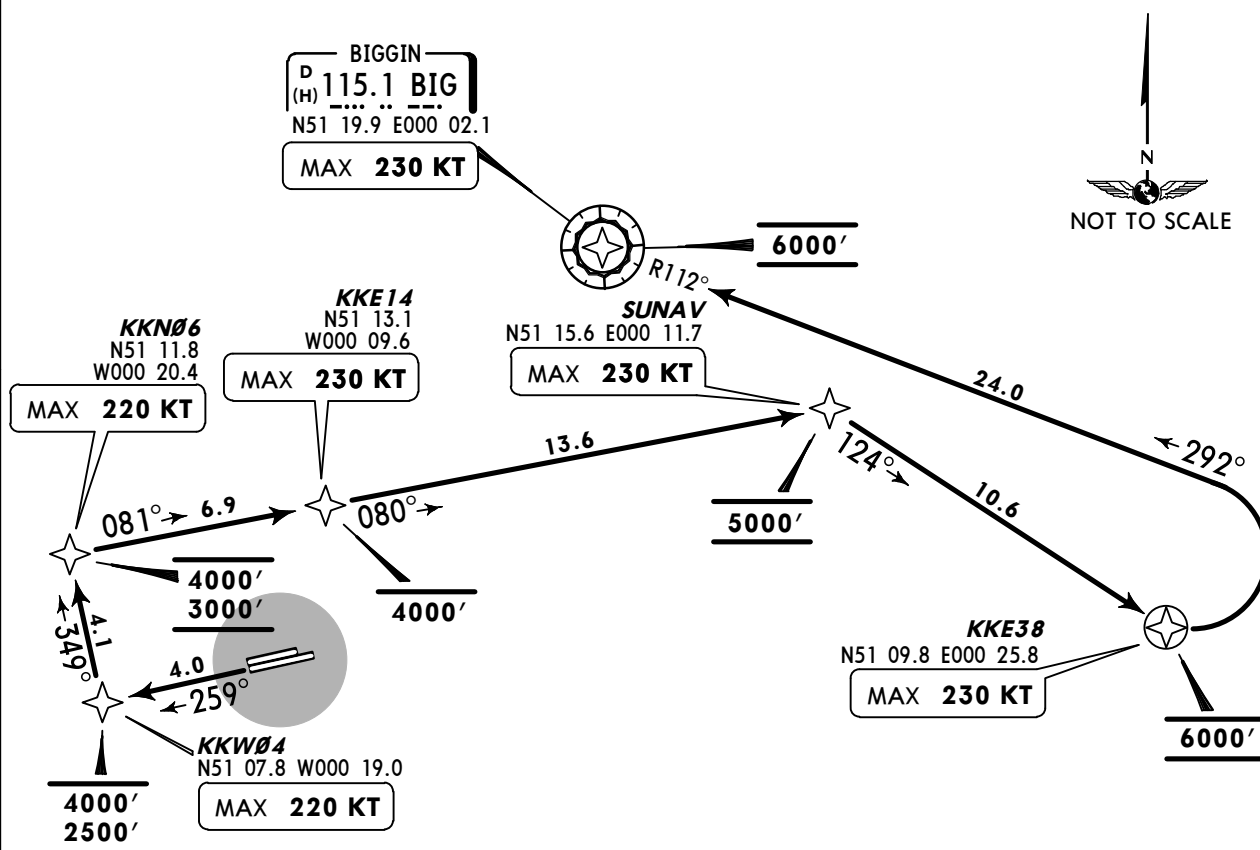
**~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED**

WARNING-STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

WARNING

No turns below 710'.



This SID requires a minimum climb gradient of 7.9% to 810'.

Gnd speed-KT	75	100	150	200	250	300
7.9% V/V (fpm)	600	800	1200	1600	2000	2400

ROUTING

Climb straight ahead to KKW04, turn RIGHT to KKN06, turn RIGHT to KKE14 - SUNAV, turn RIGHT to KKE38, turn LEFT to BIG.

*GATWICK
Delivery
121.95Apt Elev
203'LONDON
Control
120.52

Trans level: By ATC Trans alt: 6000'

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BIG 1Z

RWY 08R RNAV DEPARTURE

RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT

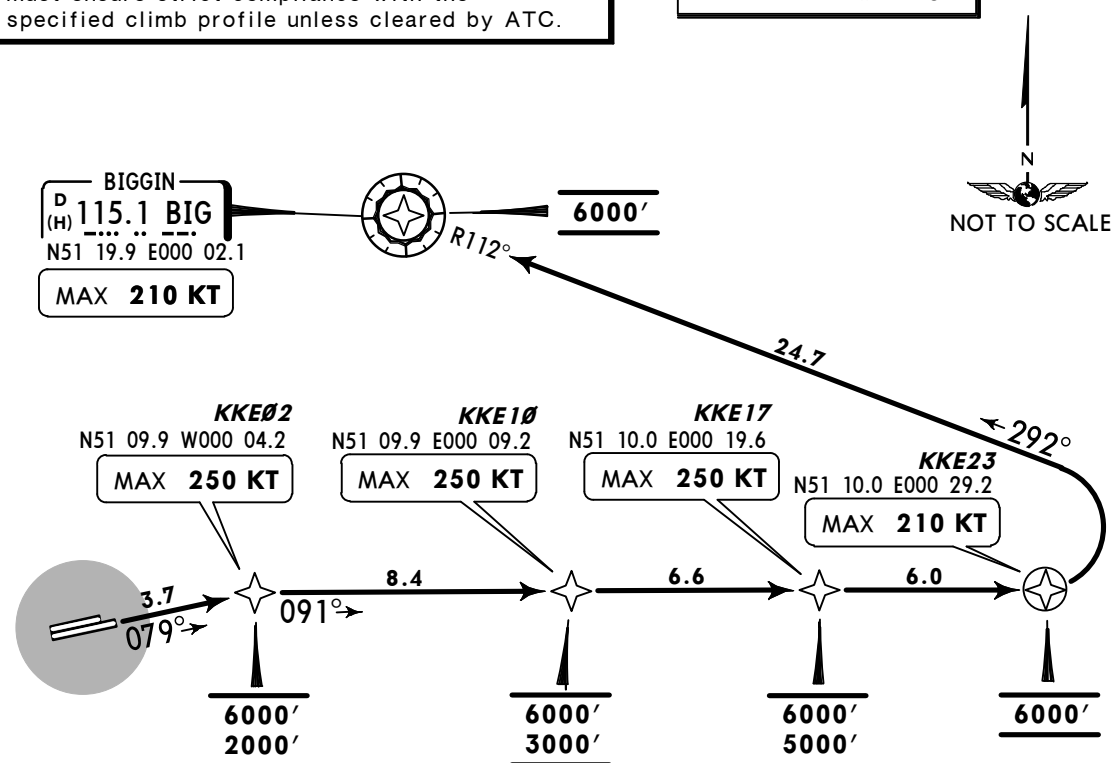
WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
TO EGLL & EGWU ONLY**~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED**

WARNING-STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

WARNING

No turns below 710'.



ROUTING

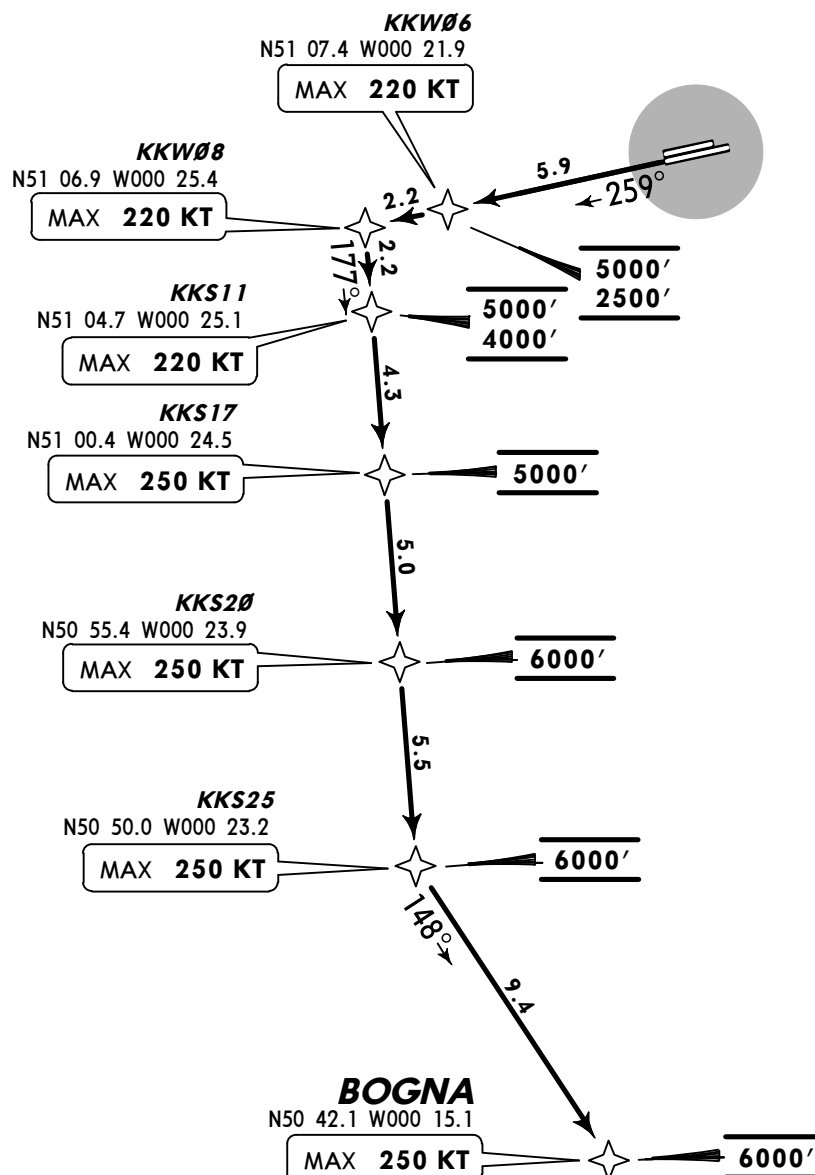
Climb straight ahead to KKE02, turn RIGHT to KKE10 - KKE17 - KKE23, turn LEFT to BIG.

*GATWICK
Delivery
121.95LONDON
Control
133.17Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery.
 2. When instructed contact LONDON Control.
 3. SIDs include noise preferential routes (refer to 20-4).
 4. Cruising levels will be issued after take-off by LONDON Control.
 5. EXPECT close-in obstacles.
 6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability.
 7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

**BOGNA 1X [BOGN1X]
RWY 26L RNAV DEPARTURE**
RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT WHICH ARE EQUIPPED AND
OPERATED IN ACCORDANCE WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
ONLY AVAILABLE BETWEEN 0600-2300LT AT OTHER TIMES SID SFD 1X WILL BE ISSUED
SPEED MAX 250 KT BELOW FL100 UNLESS OTHERWISE AUTHORIZED

**WARNING-STEPPED CLIMB**

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

This SID requires a minimum climb gradient of 3.9% to 510'.

Gnd speed-KT	75	100	150	200	250	300
3.9% V/V (fpm)	296	395	592	790	987	1185

ROUTING

Climb straight ahead to KKW06 - KKW08, turn LEFT to KKS11 - KKS17 - KKS20 - KKS25, turn LEFT to BOGNA.

*GATWICK
Delivery
121.95LONDON
Control
120.52Apt Elev
203'

Trans level: By ATC Trans alt: 6000'

1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery. 2. When instructed contact LONDON Control. 3. SIDs include noise preferential routes (refer to 20-4). 4. Cruising levels will be issued after take-off by LONDON Control. 5. EXPECT close-in obstacles. 6. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

CLN 3X

RWY 26L RNAV DEPARTURE

RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT

WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT**~~SPEED~~ MAX 250 KT BELOW FL100****UNLESS OTHERWISE AUTHORIZED**

ROUTING

Climb straight ahead to KKN04, turn RIGHT to KKN06, turn RIGHT to KKE14 - SUNAV, turn RIGHT to KKE42, turn LEFT to DET - DAGGA, turn RIGHT to CLN.

This SID requires a minimum climb gradient of 7.9% to 810'.

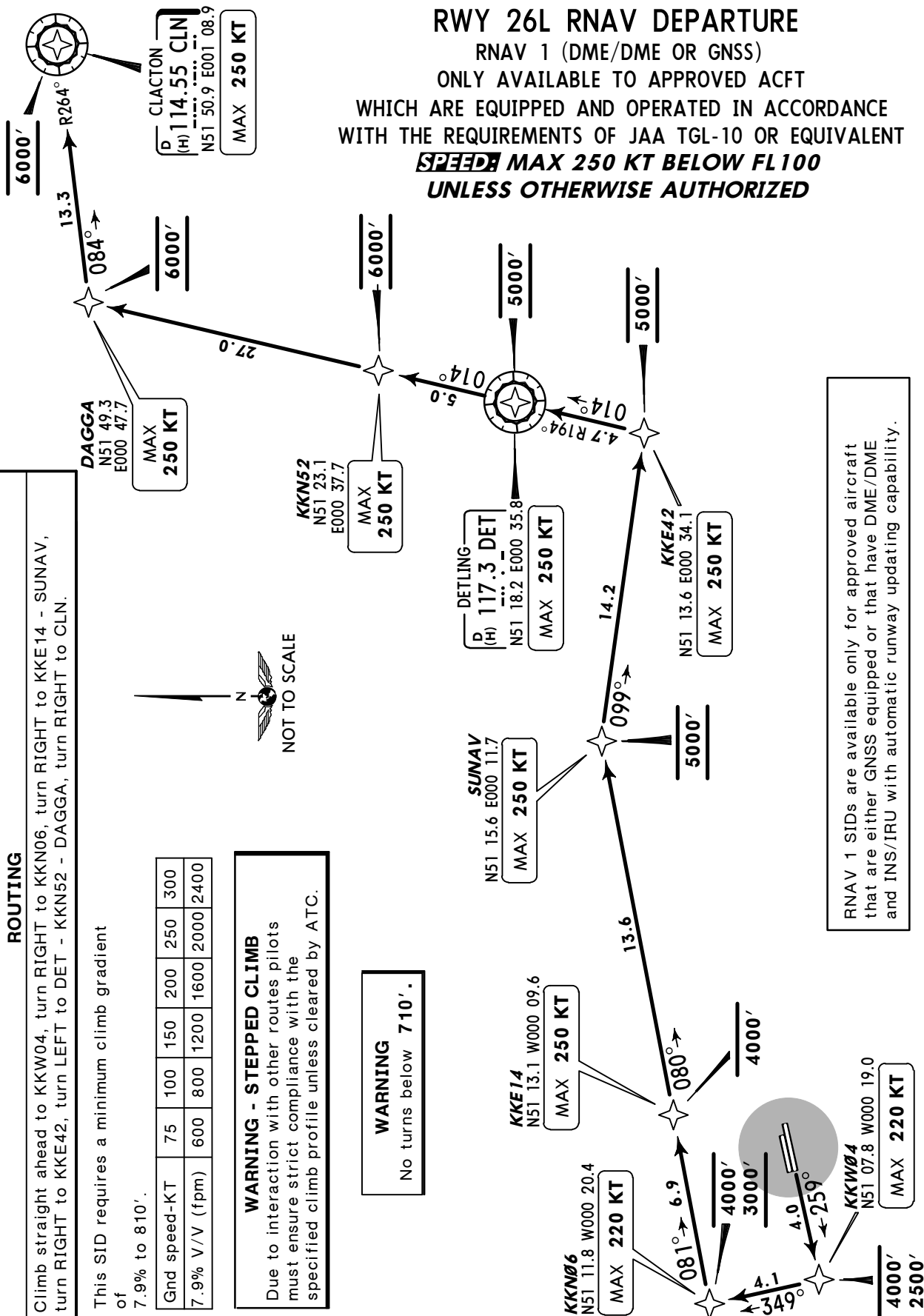
Gnd speed-KT	75	100	150	200	250	300
7.9% V/V (fpm)	600	800	1200	1600	2000	2400

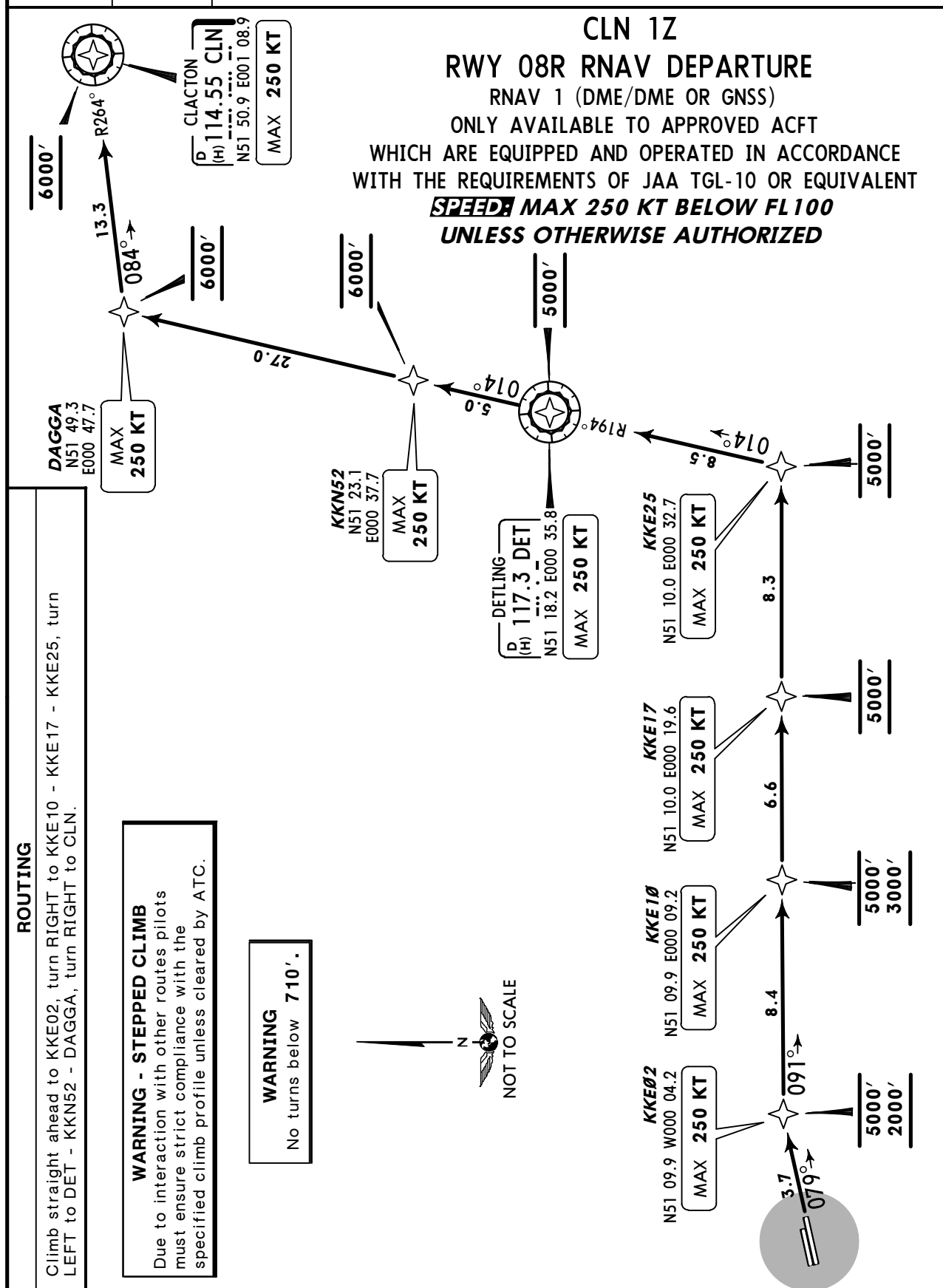
WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

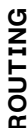
WARNING

No turns below 710'.



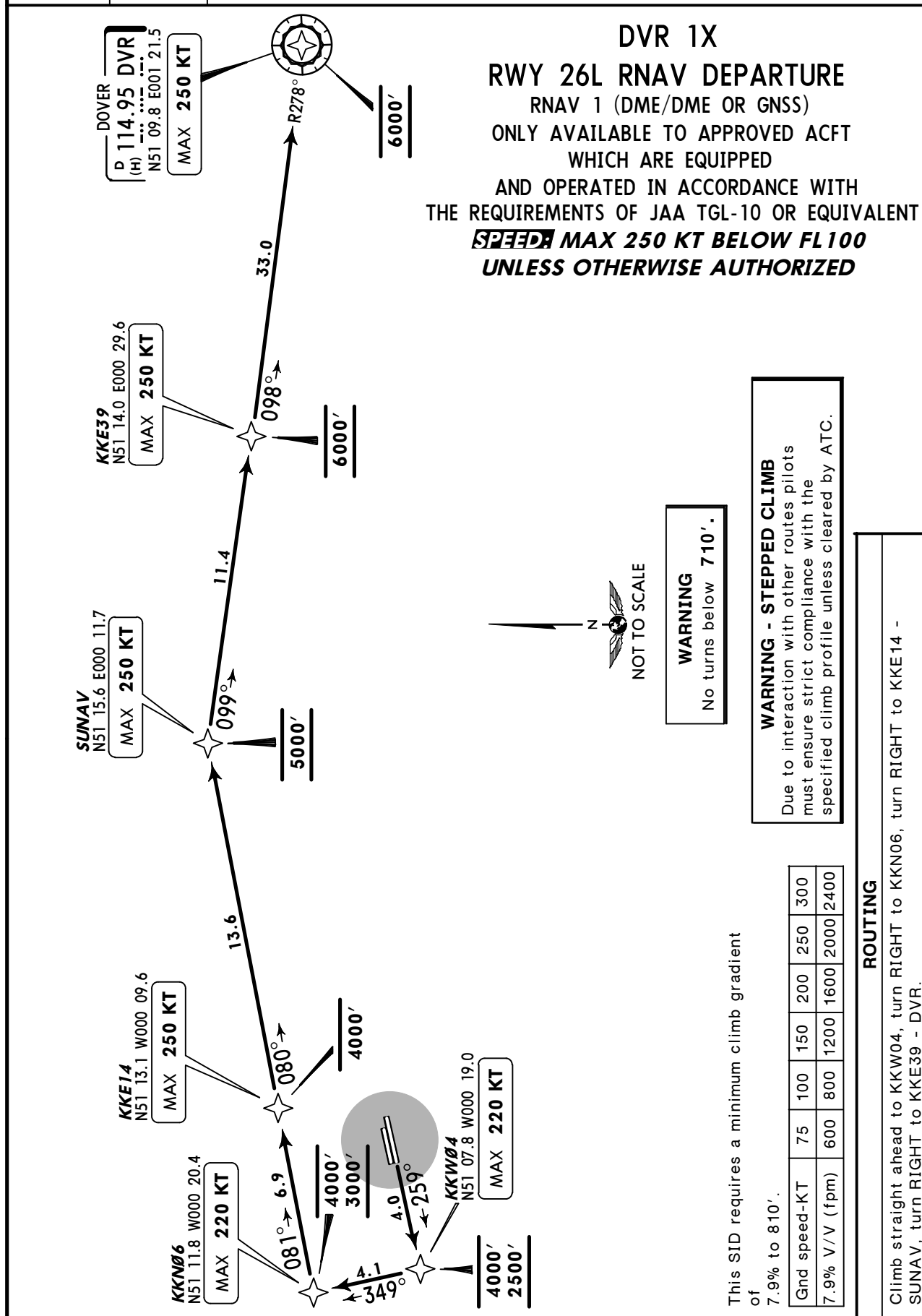


1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery. 2. When instructed contact LONDON Control. 3. SIDs include noise preferential routes (refer to 20-4). 4. Cruising levels will be issued after take-off by LONDON Control. 5. EXPECT close-in obstacles. 6. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

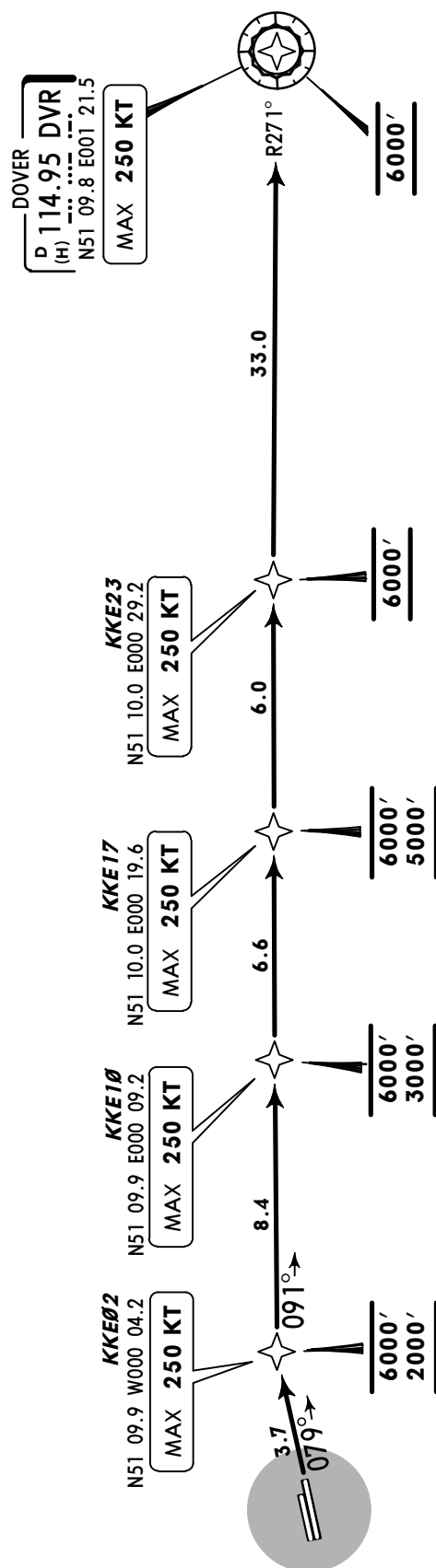


No turns below 710'.

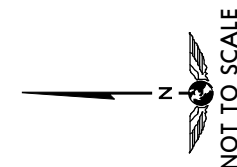
*GATWICK Delivery 121.95	<i>Apt Elev</i> 203'	Trans level: By ATC Trans alt: 6000' 1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery. 2. When instructed contact LONDON Control. 3. SIDs include noise preferential routes (refer to 20-4). 4. Cruising levels will be issued after take-off by LONDON Control. 5. EXPECT close-in obstacles. 6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability. 7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.
LONDON Control 120.52		



*GATWICK Delivery 121.95	Apt Elev 203'	Trans level: By ATC Trans alt: 6000' 1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery. 2. When instructed contact LONDON Control. 3. SIDs include noise preferential routes (refer to 20-4). 4. Cruising levels will be issued after take-off by LONDON Control. 5. EXPECT close-in obstacles. 6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability. 7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.
LONDON Control 120.52		



DVR 1Z
RWY 08R RNAV DEPARTURE
RNAV 1 (DME/DME OR GNSS)
ONLY AVAILABLE TO APPROVED ACFT
WHICH ARE EQUIPPED
AND OPERATED IN ACCORDANCE WITH
THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED



WARNING
No turns below 710'.

WARNING - STEPPED CLIMB
Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

ROUTING

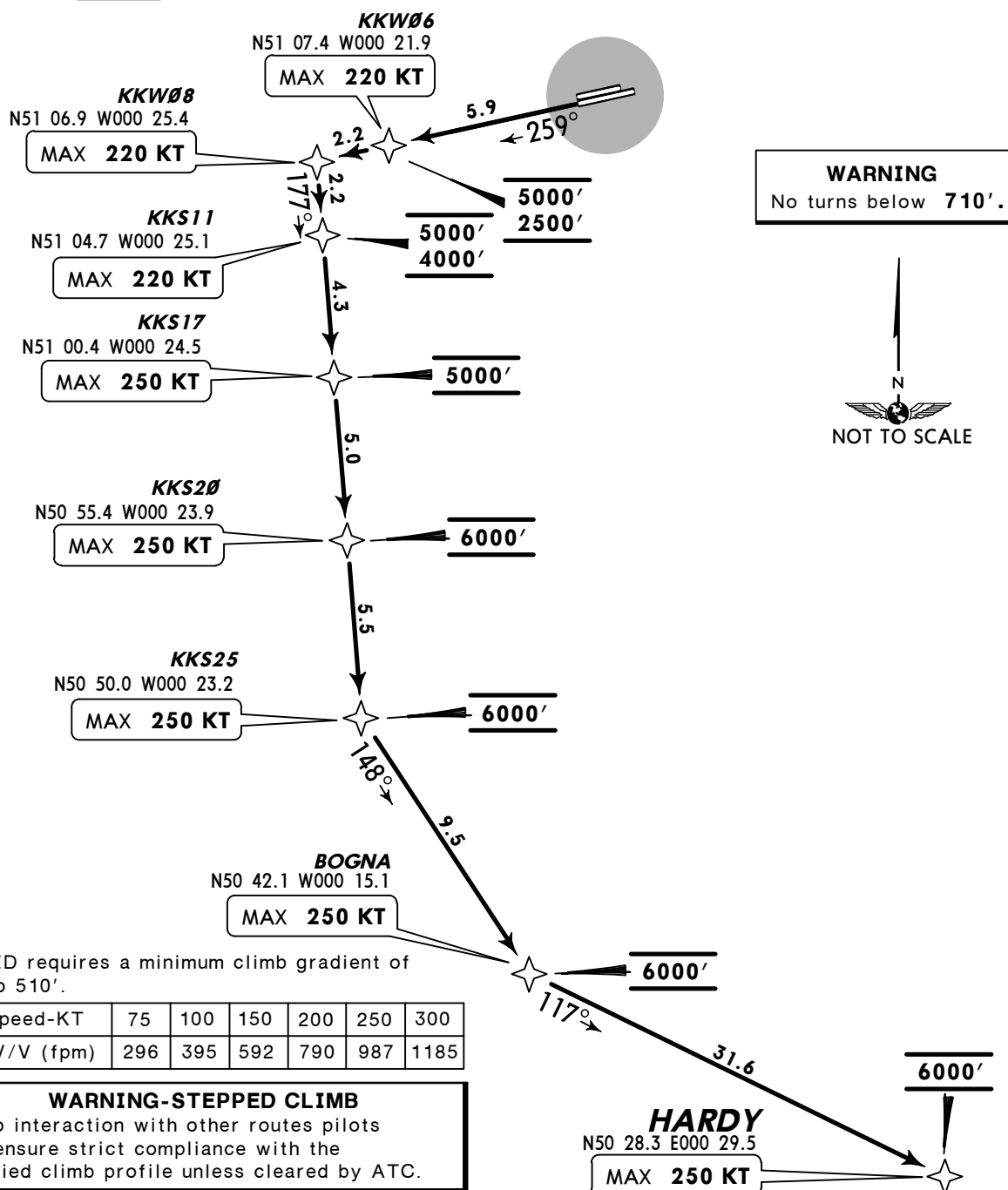
Climb straight ahead to KKE02, turn RIGHT to KKE10 - KKE17 - KKE23 - DVR.

*GATWICK Delivery 121.95	Apt Elev 203'	Trans level: By ATC Trans alt: 6000' 1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery. 2. When instructed contact LONDON Control. 3. SIDs include noise preferential routes (refer to 20-4). 4. Cruising levels will be issued after take-off by LONDON Control. 5. EXPECT close-in obstacles. 6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability. 7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.
LONDON Control 133.17		

HARDY 1X [HARD1X] RWY 26L RNAV DEPARTURE

RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT WHICH ARE EQUIPPED AND
OPERATED IN ACCORDANCE WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
ONLY AVAILABLE BETWEEN 0600-2300LT AT OTHER TIMES SID SFD 1X WILL BE ISSUED
~~SPEED~~ MAX 250 KT BELOW FL100 UNLESS OTHERWISE AUTHORIZED



ROUTING

Climb straight ahead to KKW06 - KKW08, turn LEFT to KKS11 - KKS17 - KKS20 - KKS25, turn LEFT to BOGNA, turn LEFT to HARDY.

LONDON
Control
134.12

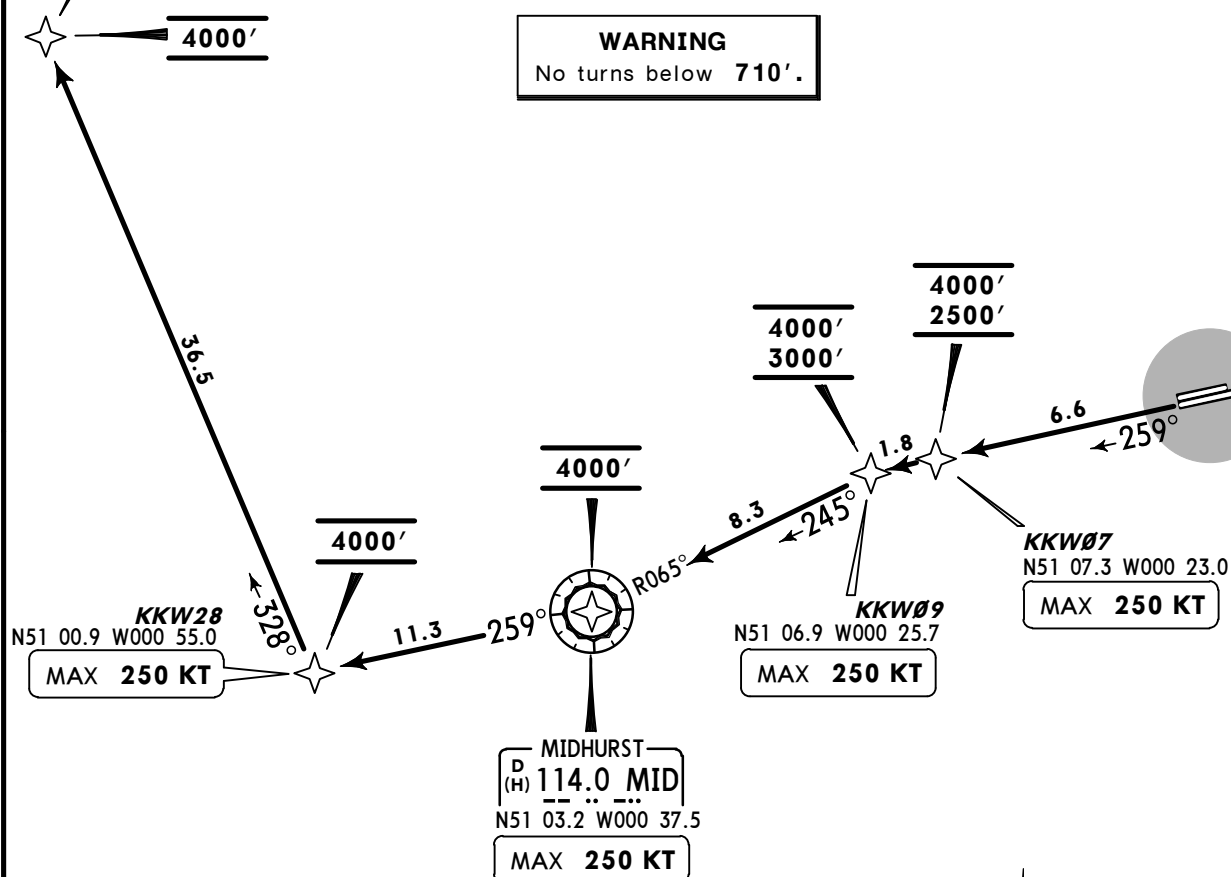
7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

UNLESS OTHERWISE AUTHORIZED

MAX 250 KT

WARNING STEEPED CLIMB
Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

No turns below **710'**.



Gnd speed-KT	75	100	150	200	250	300
3.9% V/V (fpm)	296	395	592	790	987	1185

Climb straight ahead to KKW07 - KKW09, turn LEFT to MID, turn RIGHT to KKW28, turn RIGHT to KENET.

*GATWICK
Delivery
121.95LONDON
Control
134.12Apt Elev
203'

Trans level: By ATC Trans alt: 6000'

1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery.
2. When instructed contact LONDON Control.
3. SIDs include noise preferential routes (refer to 20-4).
4. Cruising levels will be issued after take-off by LONDON Control.
5. EXPECT close-in obstacles.
6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability.
7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

**KENET 1Z [KENE1Z]
RWY 08R RNAV DEPARTURE
RNAV 1 (DME/DME OR GNSS)**

ONLY AVAILABLE TO APPROVED ACFT
WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
**~~SPEEDS~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED**

WARNING-STEPPED CLIMB

Due to interaction with other routes pilots
must ensure strict compliance with the
specified climb profile unless cleared by ATC.

**WARNING**

No turns below 710'.

KENET

N51 31.2 W001 27.3

MAX 250 KT

4000'

33.3

KKW44
N51 03.5
W000 57.8

MAX 250 KT

KKW26
N51 10.5 W000 31.9

MAX 250 KT

KKW19
N51 12.0 W000 20.6

MAX 250 KT

KKN09
N51 13.9 W000 03.9

MAX 220 KT

3000'
3000'
2500'KKE05
N51 10.1 W000 02.6

MAX 220 KT

ROUTING

Climb straight ahead to KKE05, turn LEFT to KKN09, turn LEFT to KKW19 - KKW26, turn LEFT to KKW44, turn RIGHT to KENET.

*GATWICK
Delivery
121.95LONDON
Control
120.52Apt Elev
203'

Trans level: By ATC Trans alt: 6000'

1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery.
2. When instructed contact LONDON Control.
3. SIDs include noise preferential routes (refer to 20-4).
4. Cruising levels will be issued after take-off by LONDON Control.
5. EXPECT close-in obstacles.
6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability.
7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

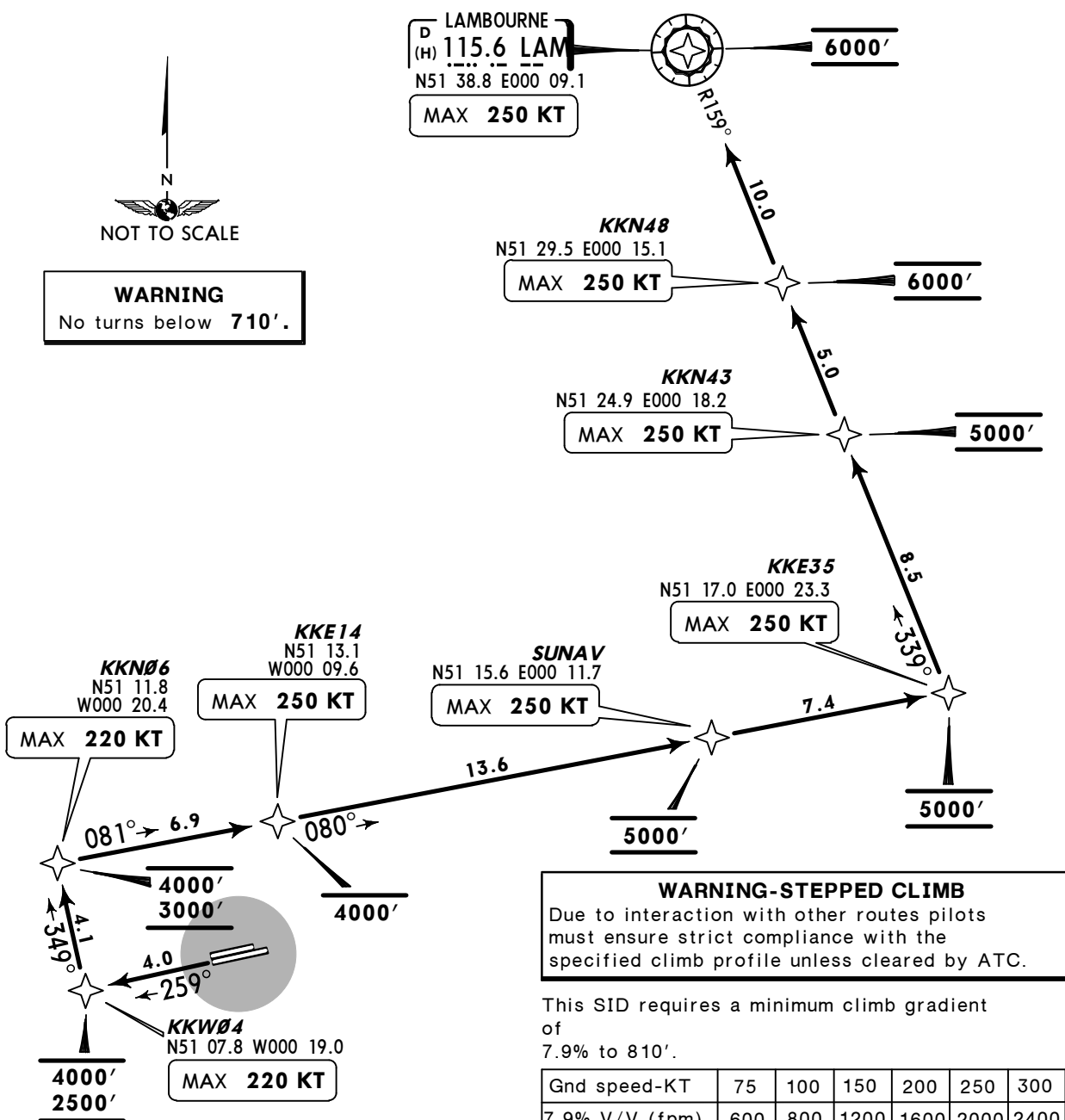
LAM 1X
RWY 26L RNAV DEPARTURE

RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT

WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE

WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT

SPEED: MAX 250 KT BELOW FL100 UNLESS OTHERWISE AUTHORIZED

ROUTING

Climb straight ahead to KKW04, turn RIGHT to KKN06, turn RIGHT to KKE14 - SUNAV - KKE35, turn LEFT to KKN43 - KKN48 - LAM.

*GATWICK
Delivery
121.95LONDON
Control
120.52Apt Elev
203'

Trans level: By ATC Trans alt: 6000'

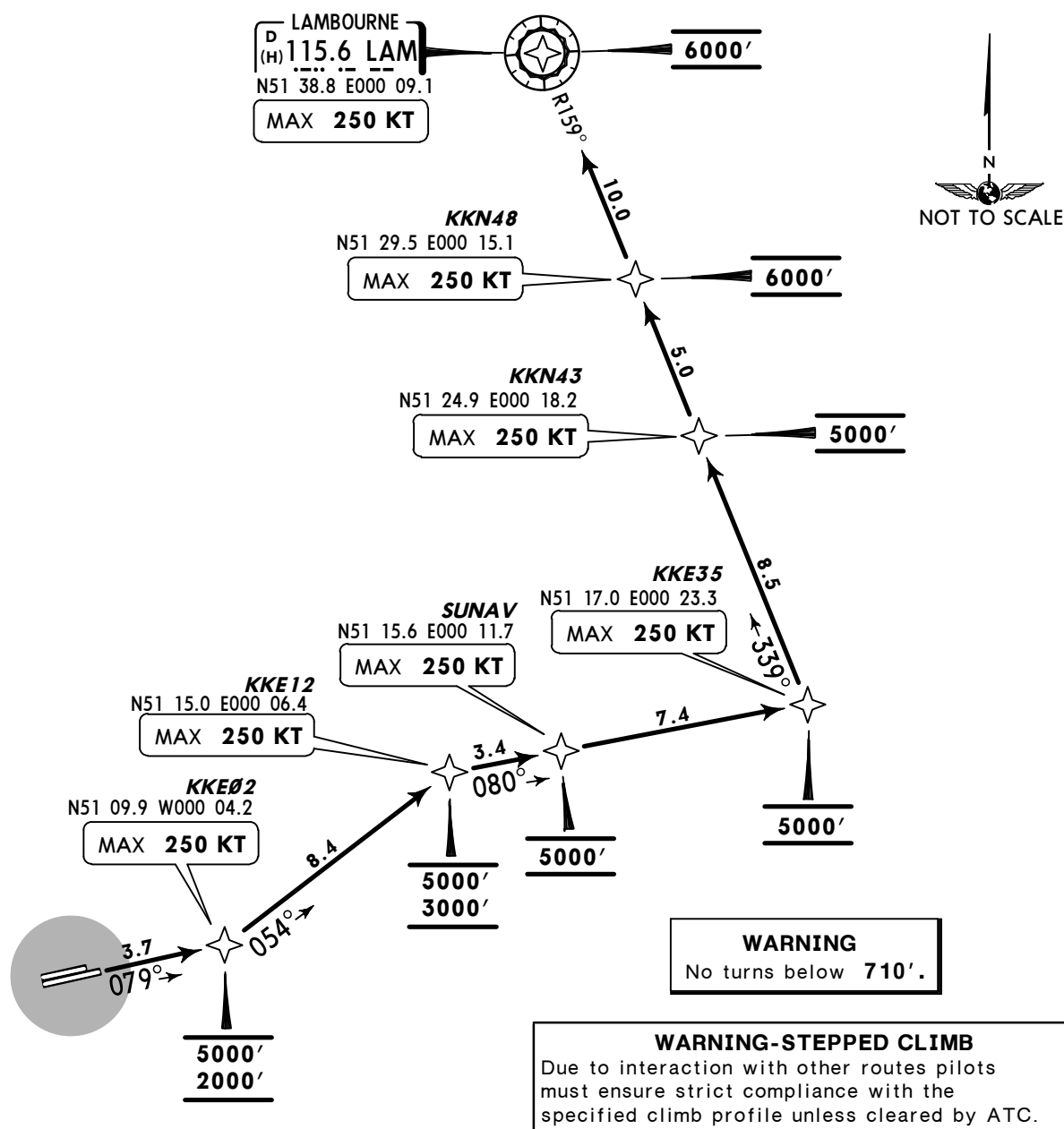
1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery.
2. When instructed contact LONDON Control.
3. SIDs include noise preferential routes (refer to 20-4).
4. Cruising levels will be issued after take-off by LONDON Control.
5. EXPECT close-in obstacles.
6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability.
7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

LAM 1Z

RWY 08R RNAV DEPARTURE

RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT

WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT**~~SPEED~~ MAX 250 KT BELOW FL100 UNLESS OTHERWISE AUTHORIZED**

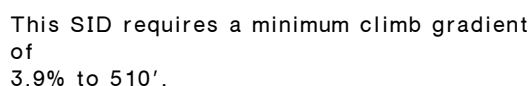
ROUTING

Climb straight ahead to KKE02, turn LEFT to KKE12, turn RIGHT to SUNAV - KKE35, turn LEFT to KKN43 - KKN48 - LAM.

SAM 1X
RWY 26L RNAV DEPARTURE
RNAV 1 (DME/DME OR GNSS)
ONLY AVAILABLE TO APPROVED ACFT
WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

No turns below 710'.

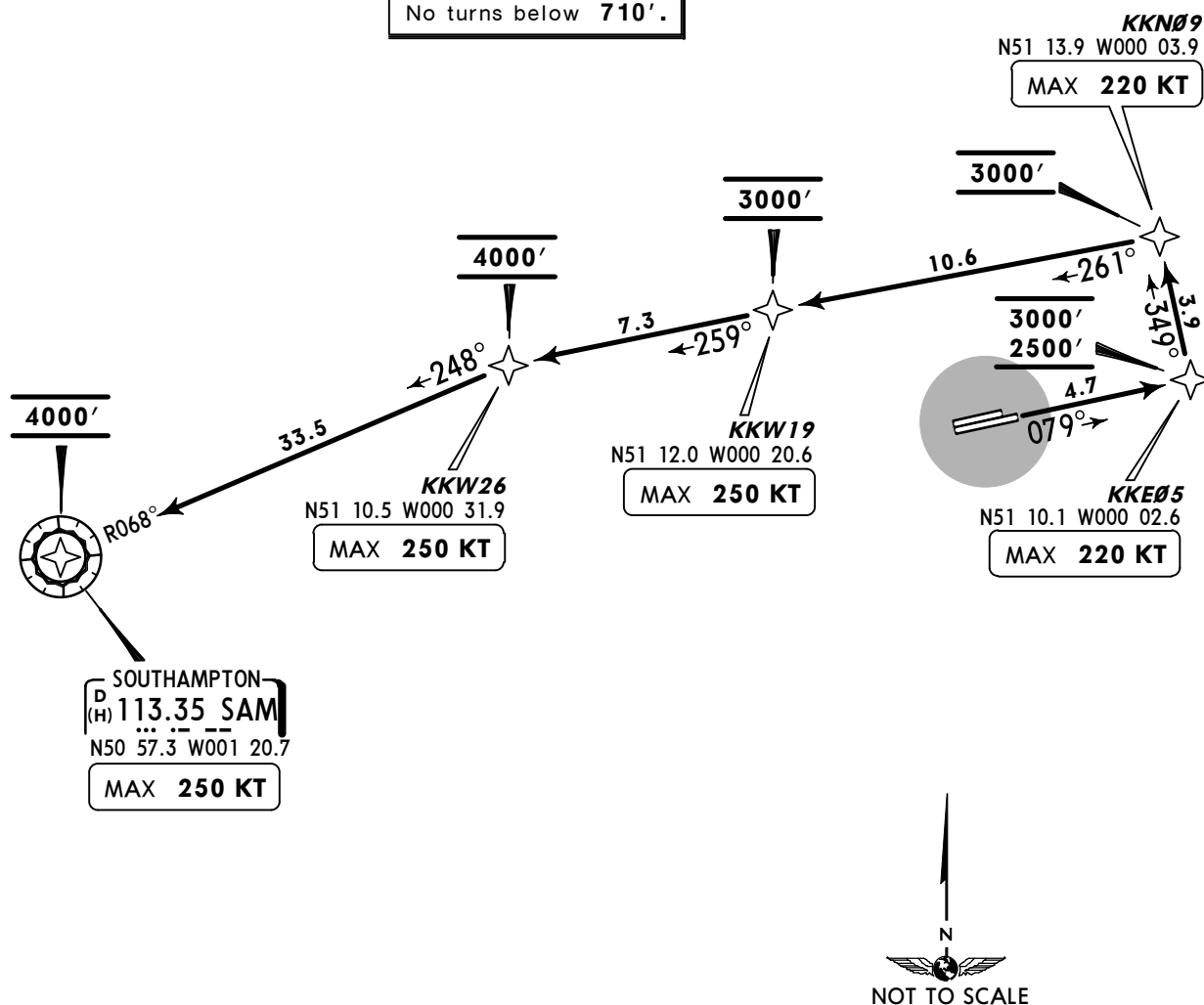


Climb straight ahead to KKW07 - KKW09, turn LEFT to MID, turn RIGHT to SAM.

SAM 3Z
RWY 08R RNAV DEPARTURE
RNAV 1 (DME/DME OR GNSS)
ONLY AVAILABLE TO APPROVED ACFT
WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

No turns below **710'**.



Climb straight ahead to KKE05, turn LEFT to KKN09, turn LEFT to KKW19 - KKW26, turn LEFT to SAM.

*GATWICK
Delivery
121.95LONDON
Control
134.12Apt Elev
203'

Trans level: By ATC Trans alt: 6000'

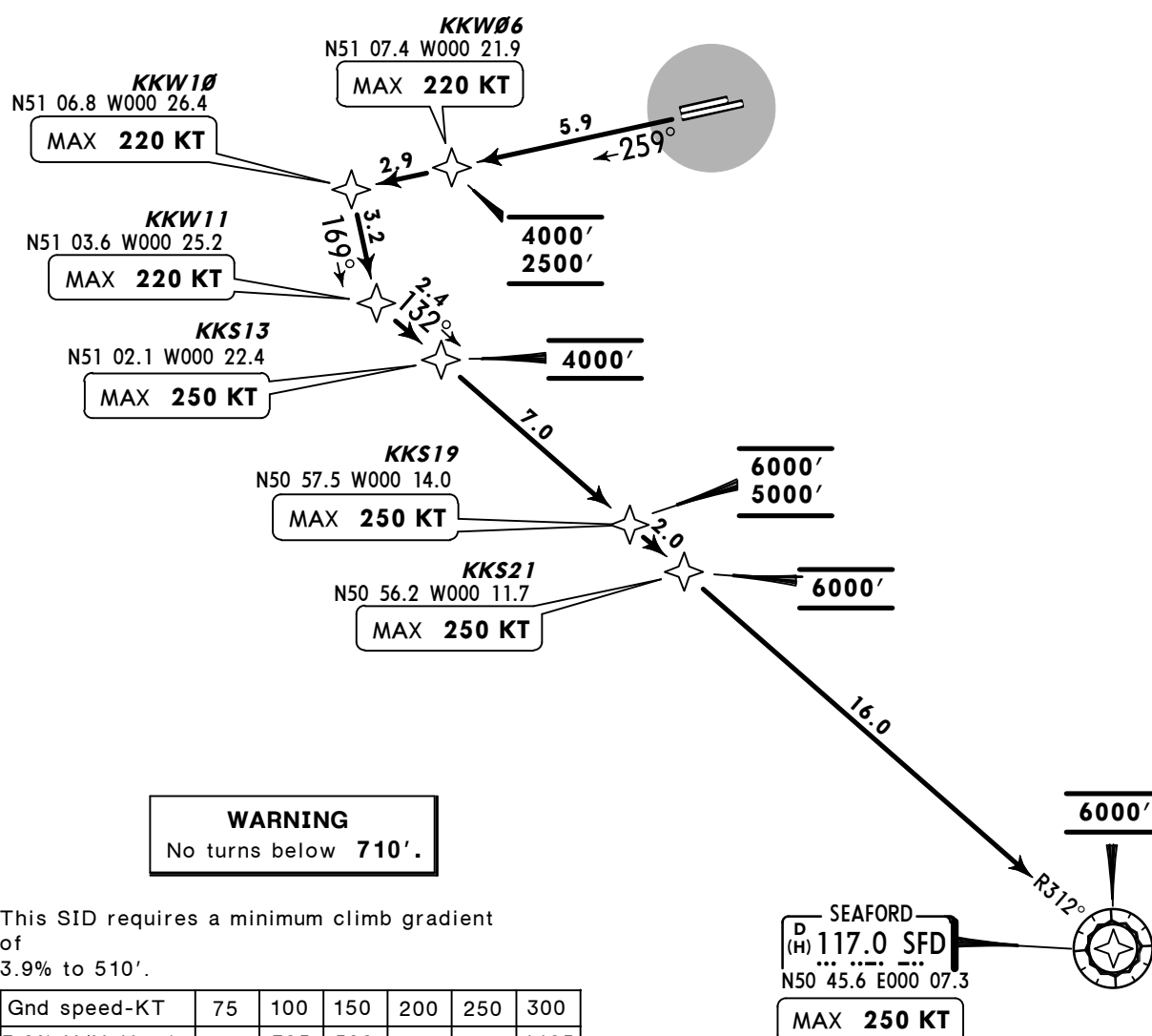
1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery.
2. When instructed contact LONDON Control.
3. SIDs include noise preferential routes (refer to 20-4).
4. Cruising levels will be issued after take-off by LONDON Control.
5. EXPECT close-in obstacles.
6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability.
7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

SFD 1X

RWY 26L RNAV DEPARTURE

RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT

WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT**~~SPEED~~ MAX 250 KT BELOW FL100****UNLESS OTHERWISE AUTHORIZED****WARNING - STEPPED CLIMB**Due to interaction with other routes pilots
must ensure strict compliance with the
specified climb profile unless cleared by ATC.

ROUTING

Climb straight ahead to KKW06 - KKW10, turn LEFT to KKW11, turn LEFT to KKS13 - KKS19 - KKS21 - SFD.

*GATWICK
Delivery
121.95LONDON
Control
118.95Apt Elev
203'

Trans level: By ATC Trans alt: 6000'

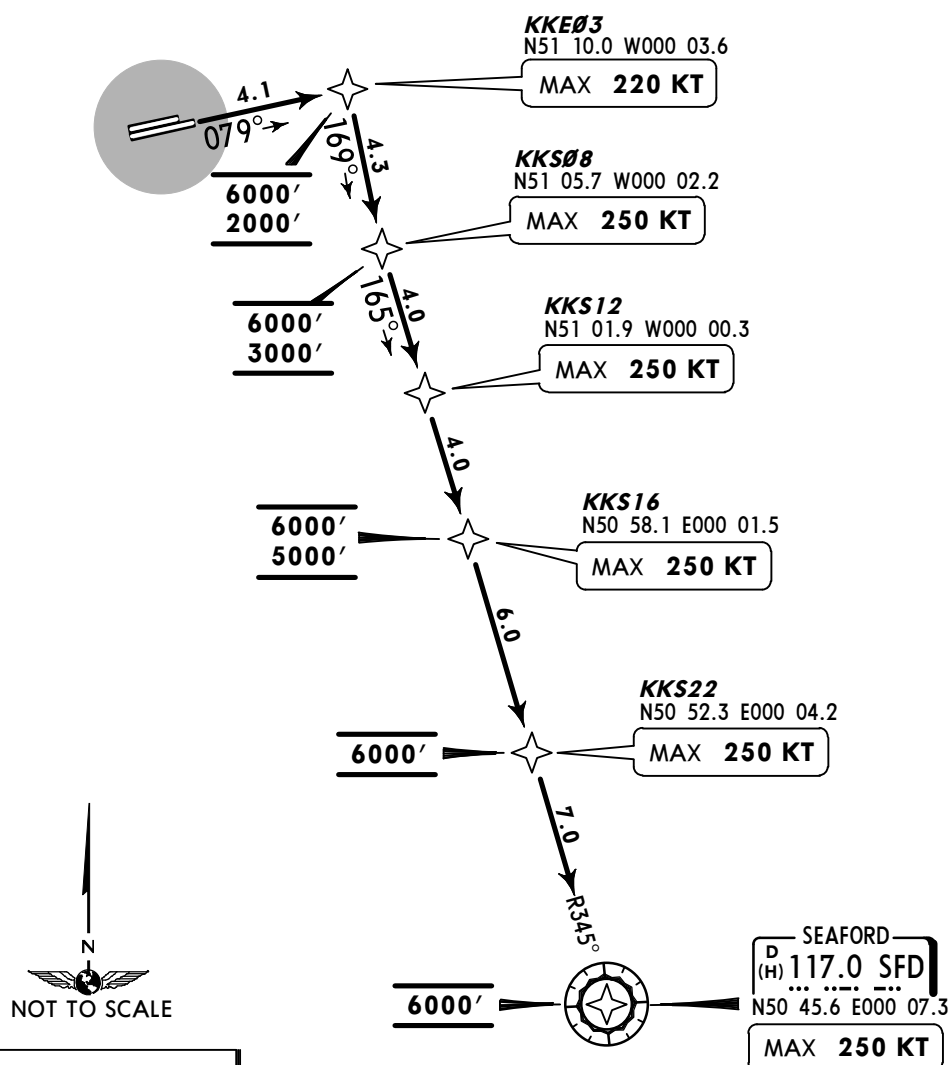
1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery.
2. When instructed contact LONDON Control.
3. SIDs include noise preferential routes (refer to 20-4).
4. Cruising levels will be issued after take-off by LONDON Control.
5. EXPECT close-in obstacles.
6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability.
7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

SFD 4Z

RWY 08R RNAV DEPARTURE

RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT

WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT**~~SPEED~~ MAX 250 KT BELOW FL100****UNLESS OTHERWISE AUTHORIZED****WARNING - STEPPED CLIMB**Due to interaction with other routes pilots
must ensure strict compliance with the
specified climb profile unless cleared by ATC.**WARNING**
No turns below 710'.

ROUTING

Climb straight ahead to KKE03, turn RIGHT to KKS08 - KKS12 - KKS16 - KKS22 - SFD.

*GATWICK
Delivery
121.95LONDON
Control
120.52Apt Elev
203'

Trans level: By ATC Trans alt: 6000'

1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery.
2. When instructed contact LONDON Control.
3. SIDs include noise preferential routes (refer to 20-4).
4. Cruising levels will be issued after take-off by LONDON Control.
5. EXPECT close-in obstacles.
6. RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability.
7. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

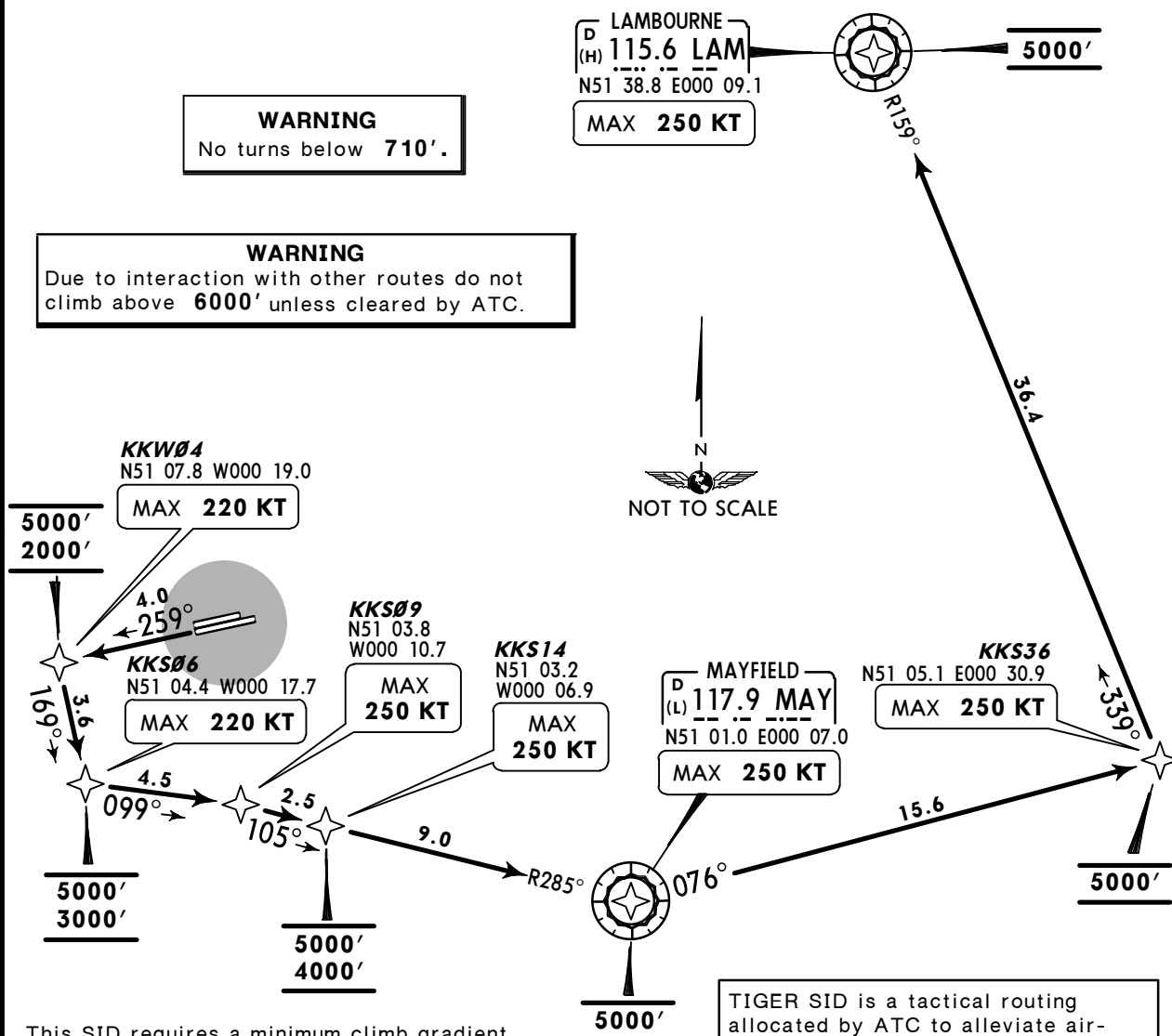
TIGER 1X [TIGE1X] RWY 26L RNAV DEPARTURE

RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT WHICH ARE EQUIPPED
AND OPERATED IN ACCORDANCE WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
NOT TO BE USED FOR FLIGHT PLANNING PURPOSES
SPEEDS MAX 250 KT BELOW FL100 UNLESS OTHERWISE AUTHORIZED

WARNING

No turns below 710'.

WARNINGDue to interaction with other routes do not
climb above 6000' unless cleared by ATC.

This SID requires a minimum climb gradient
of
7.4% to 810'.

Gnd speed-KT	75	100	150	200	250	300
7.4% V/V (fpm)	562	749	1124	1499	1873	2248

TIGER SID is a tactical routing
allocated by ATC to alleviate air-
space congestion. Pilots unable to
accept TIGER SID when offered
must inform ATC and will be real-
located CLN or LAM SID as appro-
priate.

ROUTING

Climb straight ahead to KKW04, turn LEFT to KKS06, turn LEFT to KKS09, turn RIGHT to KKS14 - MAY, turn LEFT to KKS36, turn LEFT to LAM.

*GATWICK
Delivery
121.95

LONDON
Control
120.52

Apt Elev
203'

Trans level: By ATC Trans alt: 6000'
1. Request ATC clearance via RNAV SID when obtaining clearance from GATWICK Delivery. 2. When instructed contact LONDON Control. 3. SIDs include noise preferential routes (refer to 20-4). 4. Cruising levels will be issued after take-off by LONDON Control. 5. EXPECT close-in obstacles. 6. Advise ATC if unable to comply with published climb profile requirement. ATC shall issue crews with a conventional SID clearance in these circumstances.

WIZAD

N51 07.0 E000 57.2

MAX 250 KT

**WIZAD 1X [WIZA1X]
RWY 26L RNAV DEPARTURE**
RNAV 1 (DME/DME OR GNSS)

ONLY AVAILABLE TO APPROVED ACFT
WHICH ARE EQUIPPED AND OPERATED IN ACCORDANCE
WITH THE REQUIREMENTS OF JAA TGL-10 OR EQUIVALENT
NOT TO BE USED FOR FLIGHT PLANNING PURPOSES
**~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED**

NOT TO SCALE

RNAV 1 SIDs are available only for approved aircraft that are either GNSS equipped or that have DME/DME and INS/IRU with automatic runway updating capability.

KKS33
N51 03.5 E000 27.0

MAX 250 KT

MAYFIELD
(L) 117.9 MAY
N51 01.0 E000 07.0

MAX 250 KT

KKS14
N51 03.2
W000 06.9

MAX 250 KT

KKS09
N51 03.8
W000 10.7

MAX 250 KT

KKW04
N51 07.8 W000 19.0

MAX 220 KT

KKS06
N51 04.4 W000 17.7

MAX 220 KT

WIZAD SID is a tactical routing allocated by ATC to alleviate air-space congestion. Pilots unable to accept WIZAD SID when offered must inform ATC and will be reallocated DVR SID.

This SID requires a minimum climb gradient of 7.4% to 810'.

Gnd speed-KT	75	100	150	200	250	300
7.4% V/V (fpm)	562	749	1124	1499	1873	2248

WARNING
No turns below 710'.

WARNING
Due to interaction with other routes do not climb above 6000' unless cleared by ATC.

ROUTING

Climb straight ahead to KKW04, turn LEFT to KKS06, turn LEFT to KKS09, turn RIGHT to KKS14 - MAY, turn LEFT to KKS33 - WIZAD.

LONDON
Control
120.52Apt Elev
203'

Trans level: By ATC Trans alt: 6000'

1. When instructed contact LONDON Control.
2. SIDs include noise preferential routes (refer to 20-4A).
3. Cruising levels will be issued after take-off by LONDON Control.
4. Do not climb above SID level until instructed by ATC.

BIG 7M, BIG 7V
RWYS 26L/R DEPARTURES

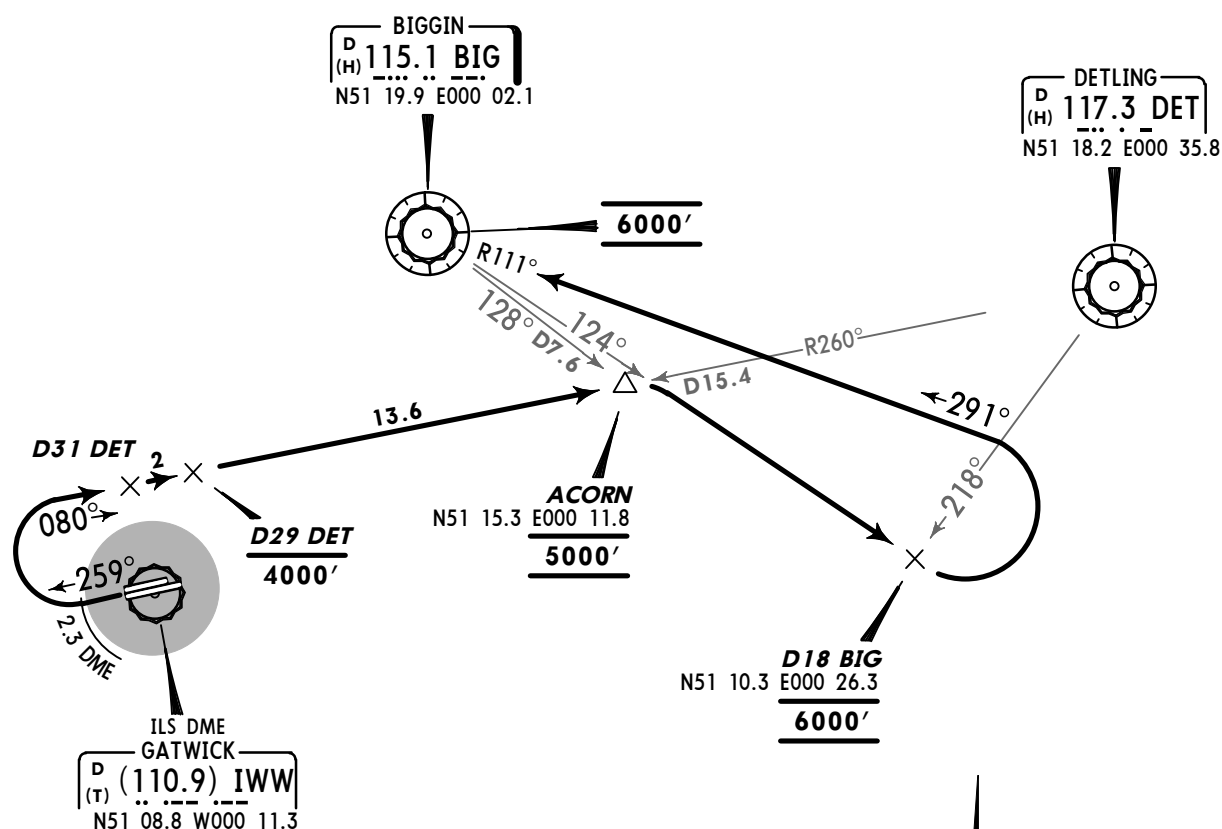
TO EGLL & EGWU ONLY

~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED**WARNING - STEPPED CLIMB**

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

WARNING

No turns below 710'.



Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement.

Gnd speed-KT	75	100	150	200	250	300
4% V/V (fpm)	304	405	608	810	1013	1215

AVERAGE TRACK MILEAGE
59 NM to BIG.

SID	RWY	ROUTING/ALTITUDE
BIG 7M	26L	Straight ahead to IWW 2.3 DME, turn RIGHT, intercept DET R-260 inbound by D31 DET, cross D29 DET at or below 4000', to ACORN (D15.4 DET), cross at 5000', turn RIGHT, intercept BIG R-124 to D18 BIG (DET R-218), cross at 6000', turn LEFT, intercept BIG R-111 inbound to BIG.
BIG 7V	26R	

LONDON
Control
120.52Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

BIG 3P, BIG 3W
RWYS 08R/L DEPARTURES
TO EGLL & EGWU ONLY

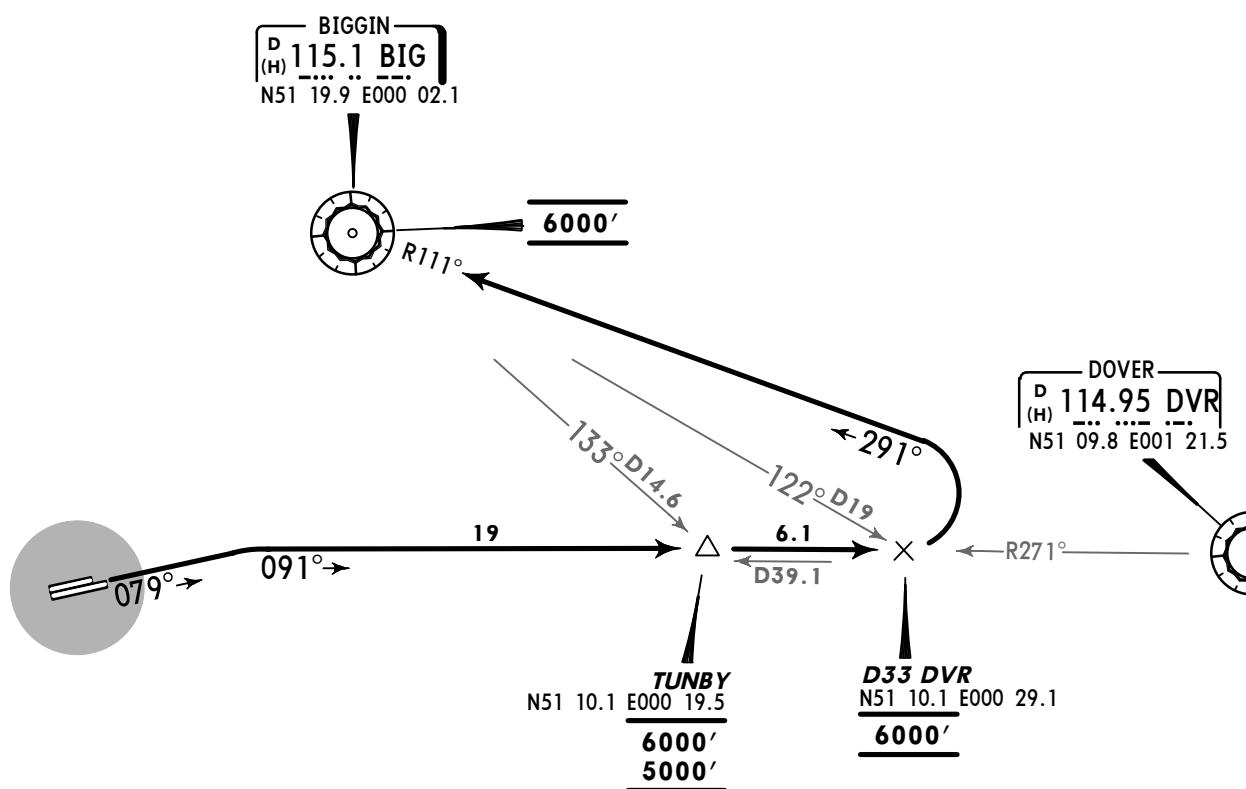
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

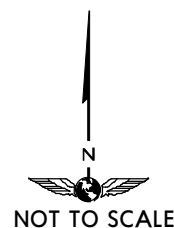
WARNING

No turns below 710'.



Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement.
Additionally for runway 08L maintain a minimum climb gradient of 5.5% to 410'.

Gnd speed-KT	75	100	150	200	250	300
5.5% V/V (fpm)	418	557	835	1114	1392	1671
4% V/V (fpm)	304	405	608	810	1013	1215



AVERAGE TRACK MILEAGE
49 NM to BIG.

SID	RWY	ROUTING/ALTITUDE
BIG 3P	08R	Straight ahead, maintain 079° track, intercept DVR R-271 inbound, cross TUNBY (D39.1 DVR) at or above 5000' (MAX 6000'), to D33 DVR (D19 BIG), cross at 6000', turn LEFT, intercept BIG R-111 inbound to BIG.
BIG 3W	08L	

LONDON
Control
133.17Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

BOGNA 1M [BOGN1M]

BOGNA 1V [BOGN1V]

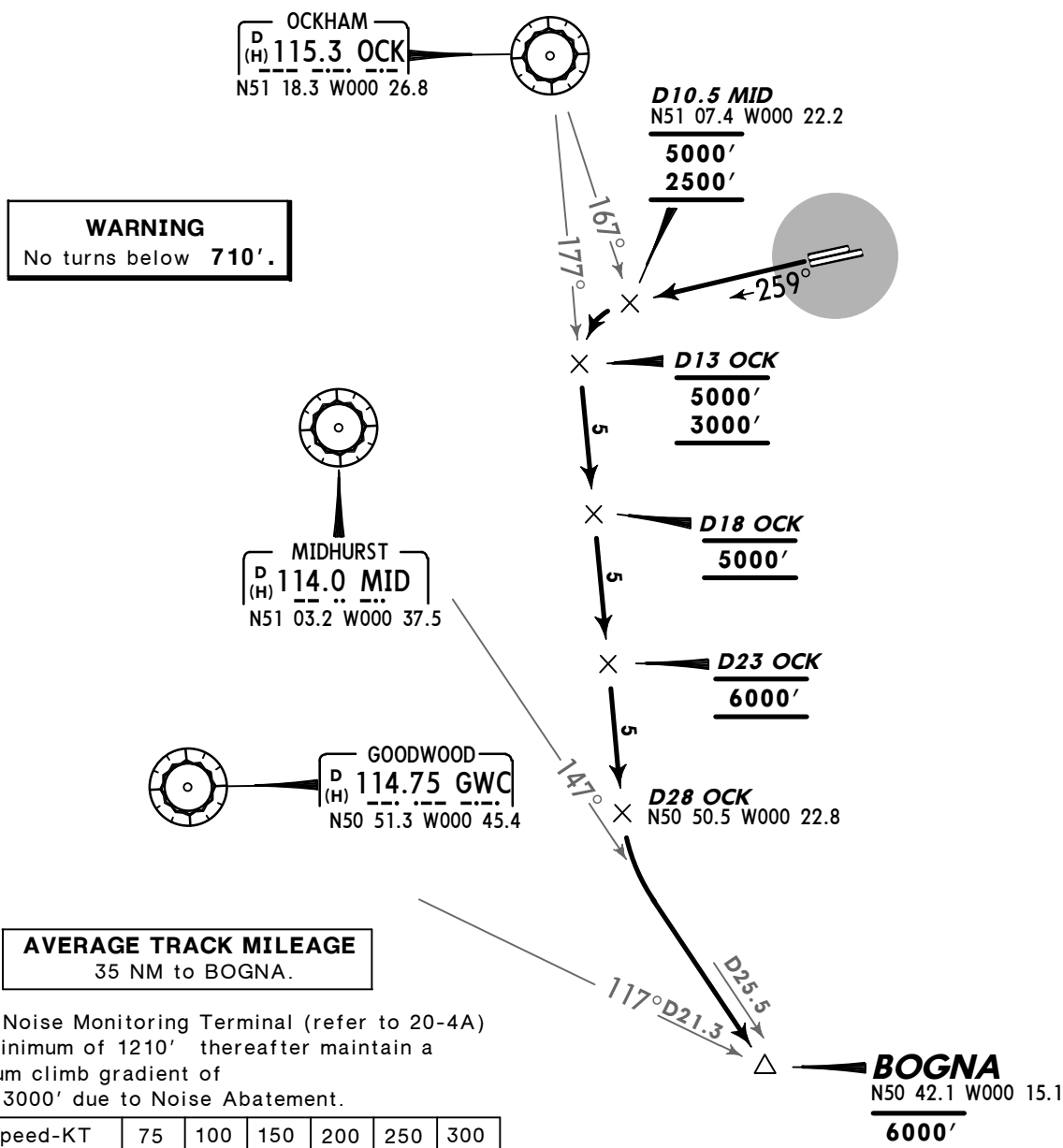
RWYS 26L/R DEPARTURES

ONLY AVAILABLE BETWEEN 0600-2300LT

AT OTHER TIMES SIDS SFD 4M & 4V WILL BE ISSUED

SPEED: MAX 250 KT BELOW FL100***UNLESS OTHERWISE AUTHORIZED*****WARNING - STEPPED CLIMB**

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.



SID

RWY

ROUTING/ALTITUDE

BOGNA 1M

26L

Straight ahead, maintain 259° track to D10.5 MID, cross above 2500'

BOGNA 1V

26R

(MAX 5000'), turn LEFT, intercept OCK R-177, cross D13 OCK above 3000' (MAX 5000'), D18 OCK at 5000', D23 OCK at 6000', to D28 OCK, turn LEFT, intercept MID R-147 to BOGNA.

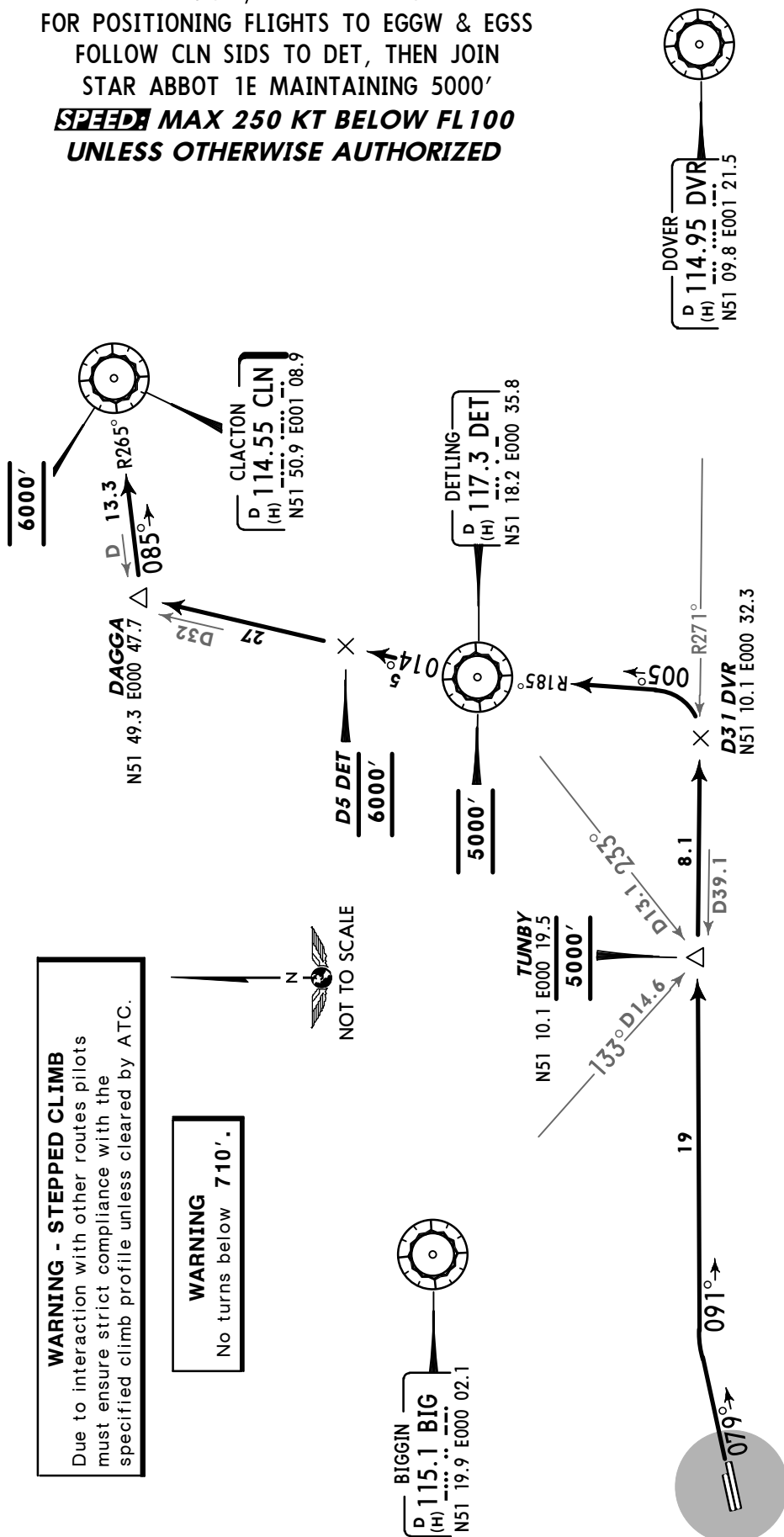
CHANGES: New chart.

LONDON
Control
120.52

Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

CLN 5P, CLN 5W
RWYS 08R/L DEPARTURES
FOR POSITIONING FLIGHTS TO EGWW & EGSS
FOLLOW CLN SIDS TO DET, THEN JOIN
STAR ABBOT 1E MAINTAINING 5000'
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED



Cross Noise Monitoring Terminal (refer to 20-4A)
at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement.
Additionally for runway 08L maintain a minimum climb gradient of 5.5% to 410'.

Gnd speed-KT	75	100	150	200	250	300
5.5% V/V (fpm)	418	557	835	1114	1392	1671
4% V/V (fpm)	304	405	608	810	1013	1215

AVERAGE TRACK MILEAGE
36 NM to DET.

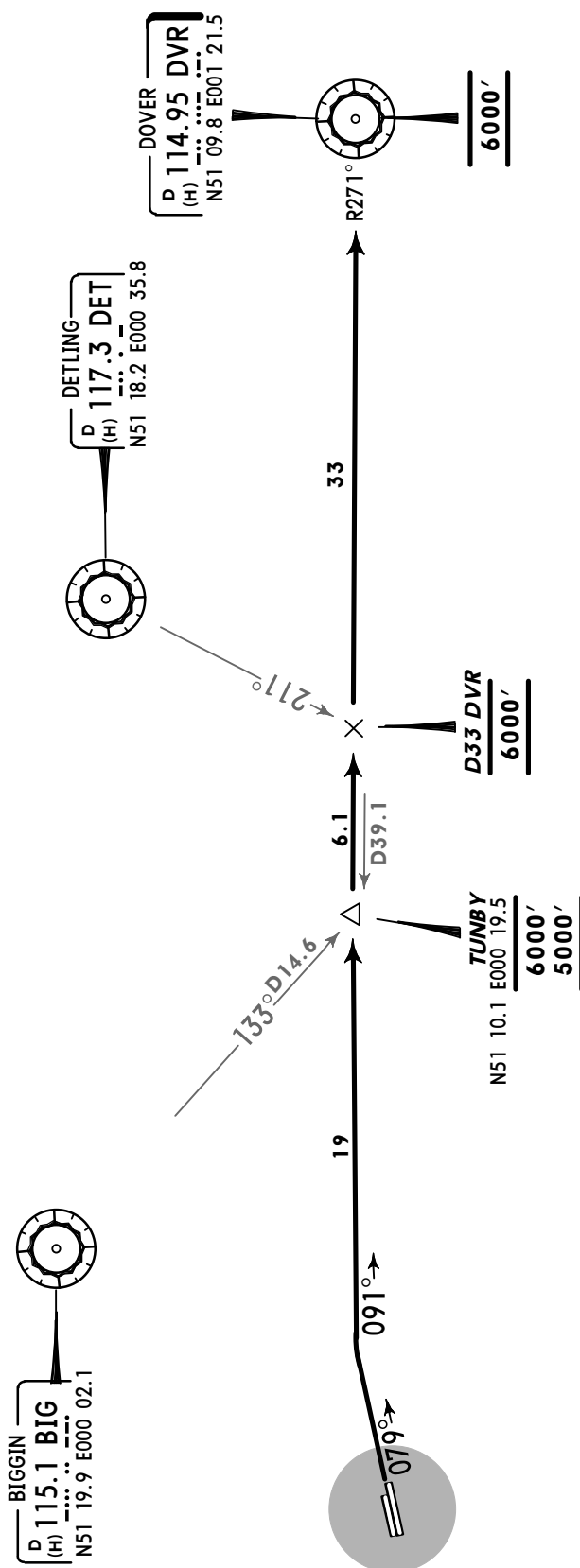
SID	RWY	ROUTING/ALTITUDE
CLN 5P	08R	Straight ahead, maintain 079° track, intercept DVR R-271 inbound, cross TUNBY (D39.1 DVR) at 5000', to D31 DVR, turn LEFT to DET, cross at 5000', turn RIGHT, DET R-014, cross D5 DET at 6000', to DAGGA, turn RIGHT, intercept CLN R-265 inbound to CLN.
CLN 5W	08L	

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LONDON
Control
120.52Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

DVR 2P, DVR 2W
RWYS 08R/L DEPARTURES
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED



Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement.
Additionally for runway 08L maintain a minimum climb gradient of 5.5% to 410'.

AVERAGE TRACK MILEAGE
58 NM to DVR.

ROUTING/ALTITUDE

Straight ahead, maintain 079° track, intercept DVR R-271 inbound, cross TUNBY (D39.1 DVR) at or above 5000' (MAX 6000'), D33 DVR at 6000', to DVR.

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

LONDON
Control
133.17Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

HARDY 5M [HARD5M]

HARDY 5V [HARD5V]

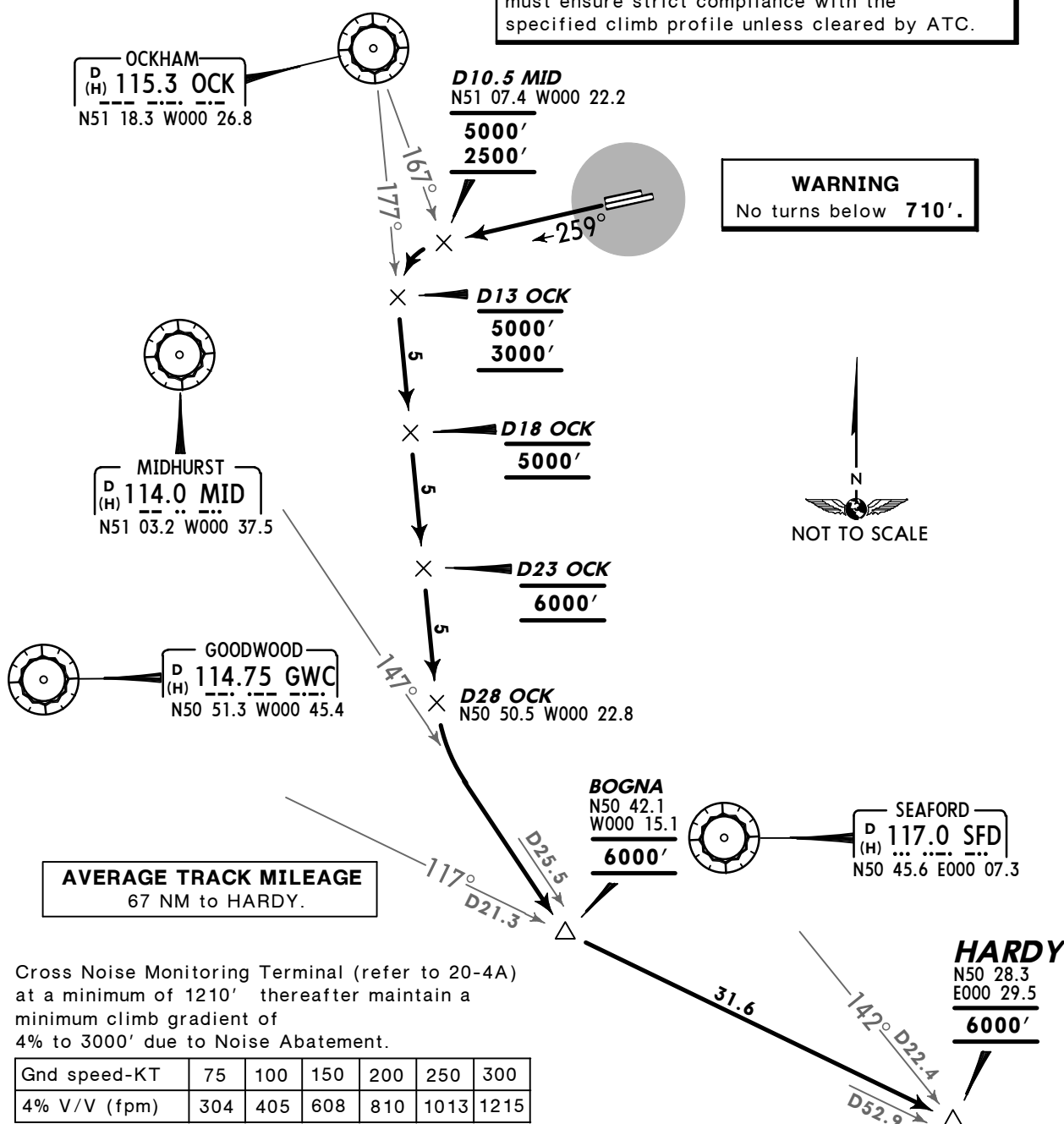
RWYS 26L/R DEPARTURES

ONLY AVAILABLE BETWEEN 0600-2300LT

AT OTHER TIMES SIDS SFD 4M & 4V WILL BE ISSUED

~~SPEED~~ MAX 250 KT BELOW FL100**UNLESS OTHERWISE AUTHORIZED****WARNING - STEPPED CLIMB**

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.



AVERAGE TRACK MILEAGE
67 NM to HARDY.

Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement.

Gnd speed-KT	75	100	150	200	250	300
4% V/V (fpm)	304	405	608	810	1013	1215

SID	RWY	ROUTING/ALTITUDE
HARDY 5M	26L	Straight ahead, maintain 259° track to D10.5 MID, cross above 2500' (MAX 5000'), turn LEFT, intercept OCK R-177, cross D13 OCK above 3000' (MAX 5000'), D18 OCK at 5000', D23 OCK at 6000', to D28 OCK, turn LEFT, intercept MID R-147 to BOGNA, intercept GWC R-117 to HARDY.
HARDY 5V	26R	

LONDON
Control
134.12

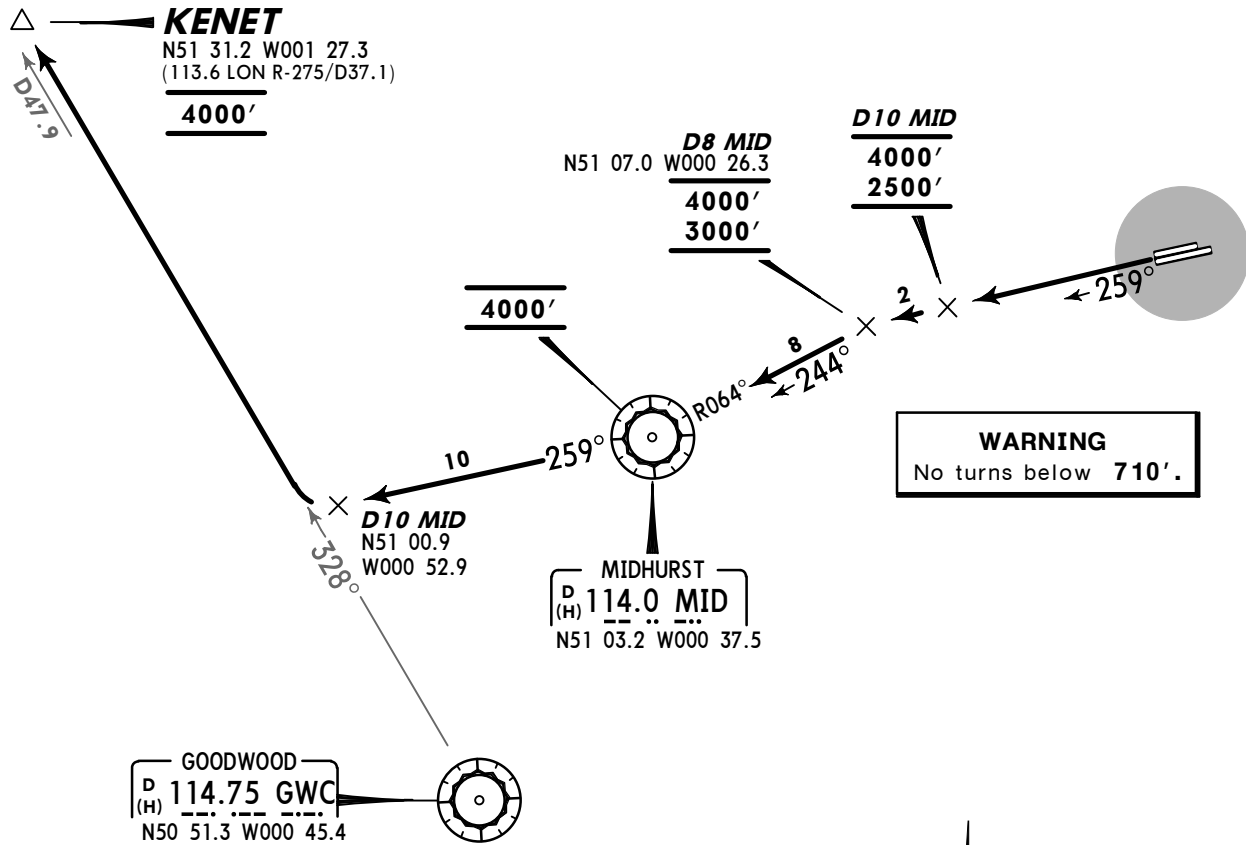
Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

**KENET 2M [KENE2M]
KENET 2V [KENE2V]
RWYS 26L/R DEPARTURES**
RESTRICTED TO TRAFFIC WITH DESTINATIONS IN UK OR EIRE
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.



Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement.

Gnd speed-KT	75	100	150	200	250	300
4% V/V (fpm)	304	405	608	810	1013	1215



AVERAGE TRACK MILEAGE
65 NM to KENET.

SID	RWY	ROUTING/ALTITUDE
KENET 2M	26L	Straight ahead, maintain 259° track, cross D10 MID above 2500' (MAX 4000'), intercept MID R-064 inbound at D8 MID, cross above 3000' (MAX 4000'), to MID, cross at 4000', MID R-259 to D10 MID, turn RIGHT, intercept GWC R-328 to KENET.
KENET 2V	26R	

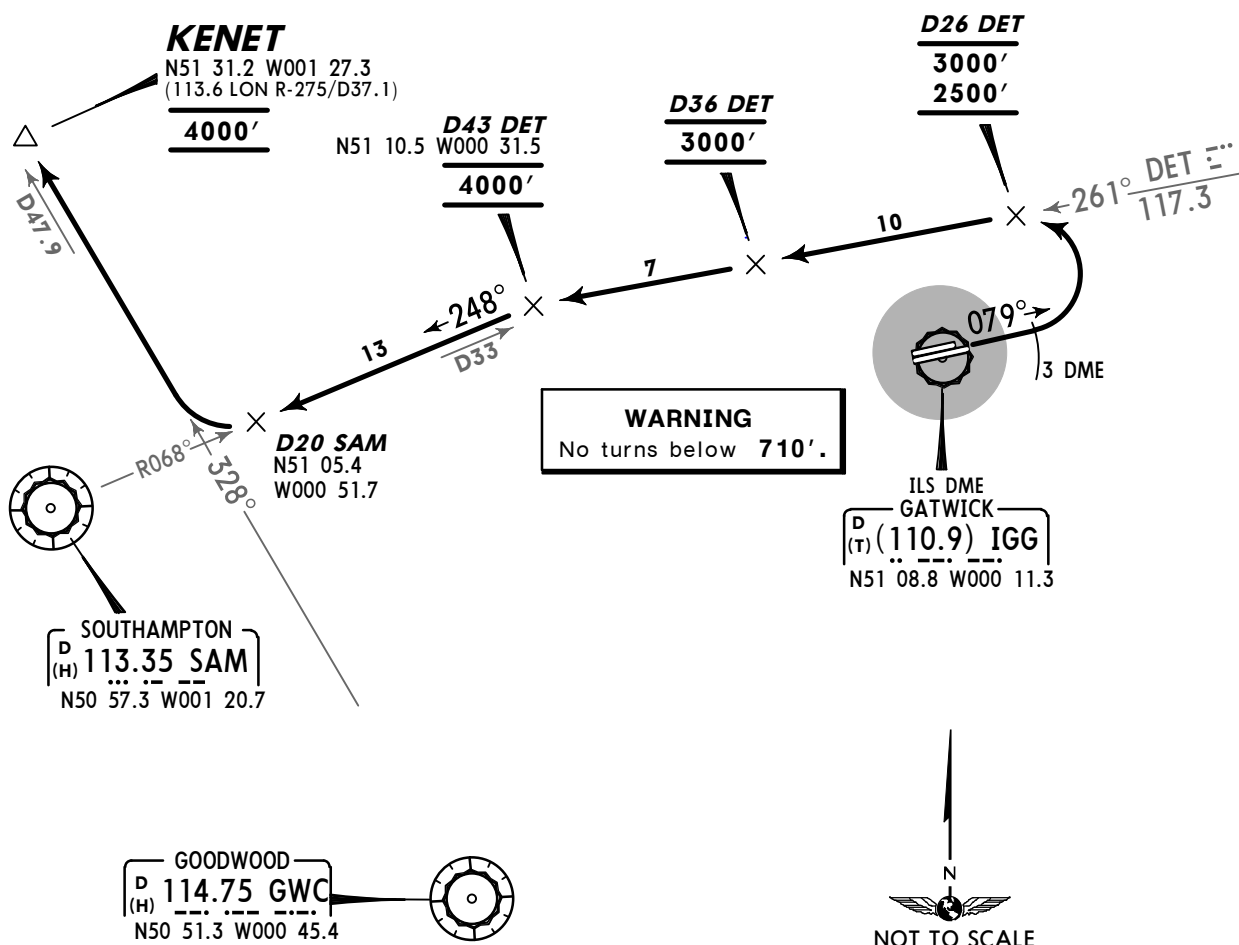
LONDON
Control
134.12Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

**KENET 3P [KENE3P]
KENET 3W [KENE3W]
RWYS 08R/L DEPARTURES**
RESTRICTED TO TRAFFIC WITH DESTINATIONS IN UK OR EIRE
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.



Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement.
Additionally for runway 08L maintain a minimum climb gradient of 5.5% to 410'.

AVERAGE TRACK MILEAGE
71 NM to KENET.

Gnd speed-KT	75	100	150	200	250	300
5.5% V/V (fpm)	418	557	835	1114	1392	1671
4% V/V (fpm)	304	405	608	810	1013	1215

SID	RWY	ROUTING/ALTITUDE
KENET 3P	08R	Straight ahead to IGG 3 DME, turn LEFT, intercept DET R-261, cross D26 DET at or above 2500' (MAX 3000'), D36 DET at 3000', D43 DET (D33 SAM) at 4000', intercept SAM R-068 inbound to D20 SAM, turn RIGHT, intercept GWC R-328 to KENET.
KENET 3W	08L	

LONDON
Control
120.52Apt Elev
203'

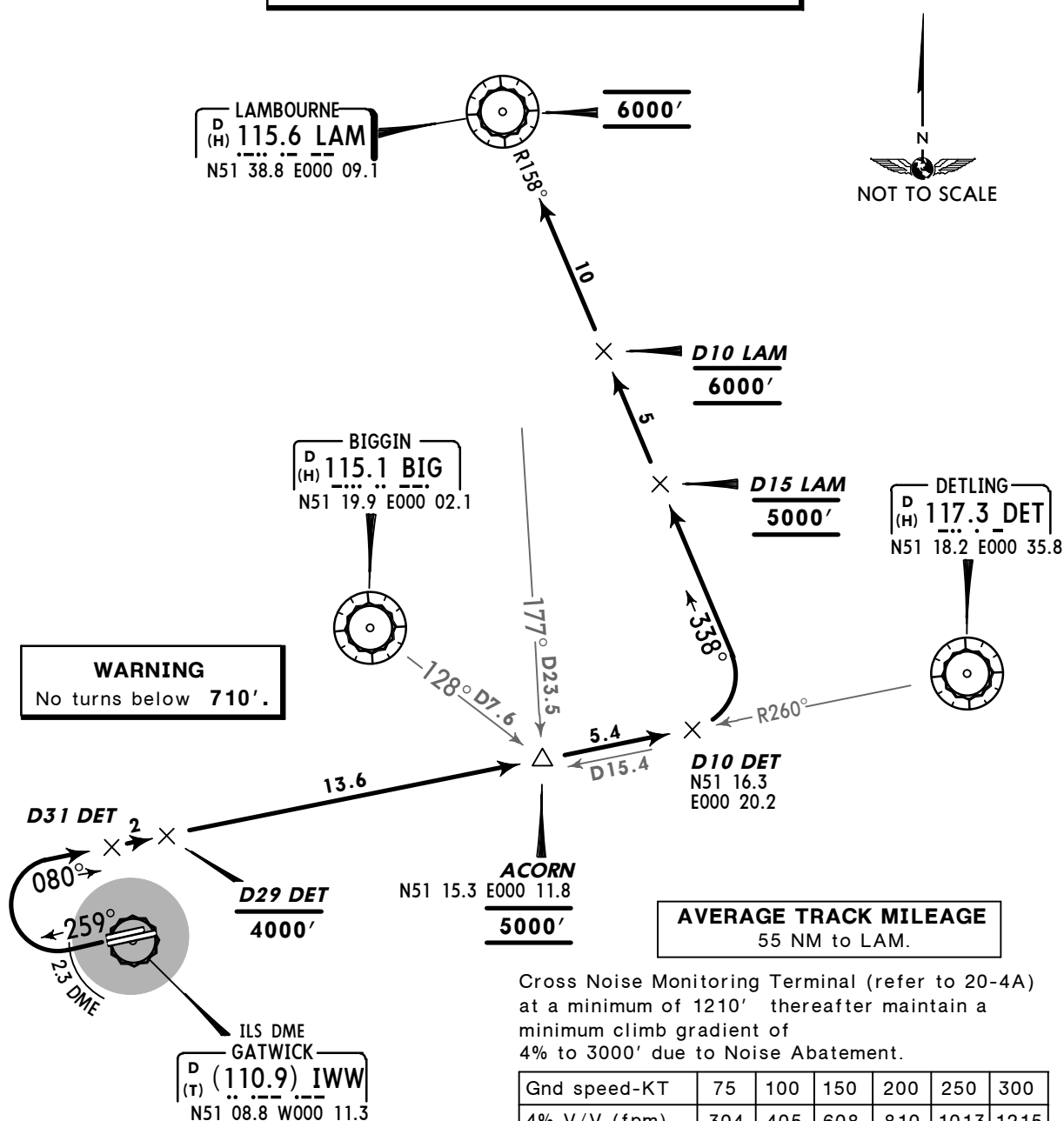
- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

LAM 4M, LAM 4V RWYS 26L/R DEPARTURES

IN ORDER TO ALLEVIATE AIRSPACE CONGESTIONS PILOTS MAY BE
OFFERED SIDS TIGER 3M/3V AT A LATE STAGE OF TAXIING
PILOTS UNABLE TO ACCEPT MUST INFORM ATC
AND WILL BE ALLOCATED LAM 4M/4V
***SPEED MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED***

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots
must ensure strict compliance with the
specified climb profile unless cleared by ATC.



SID	RWY	ROUTING/ALTITUDE
LAM 4M	26L	Straight ahead to IWW 2.3 DME, turn RIGHT, intercept DET R-260 inbound by D31 DET, cross D29 DET at or below 4000', ACORN (D15.4 DET) at 5000', at D10 DET turn LEFT, intercept LAM R-158 inbound, cross D15 LAM at 5000', D10 LAM at 6000', to LAM, cross at 6000'.
LAM 4V	26R	

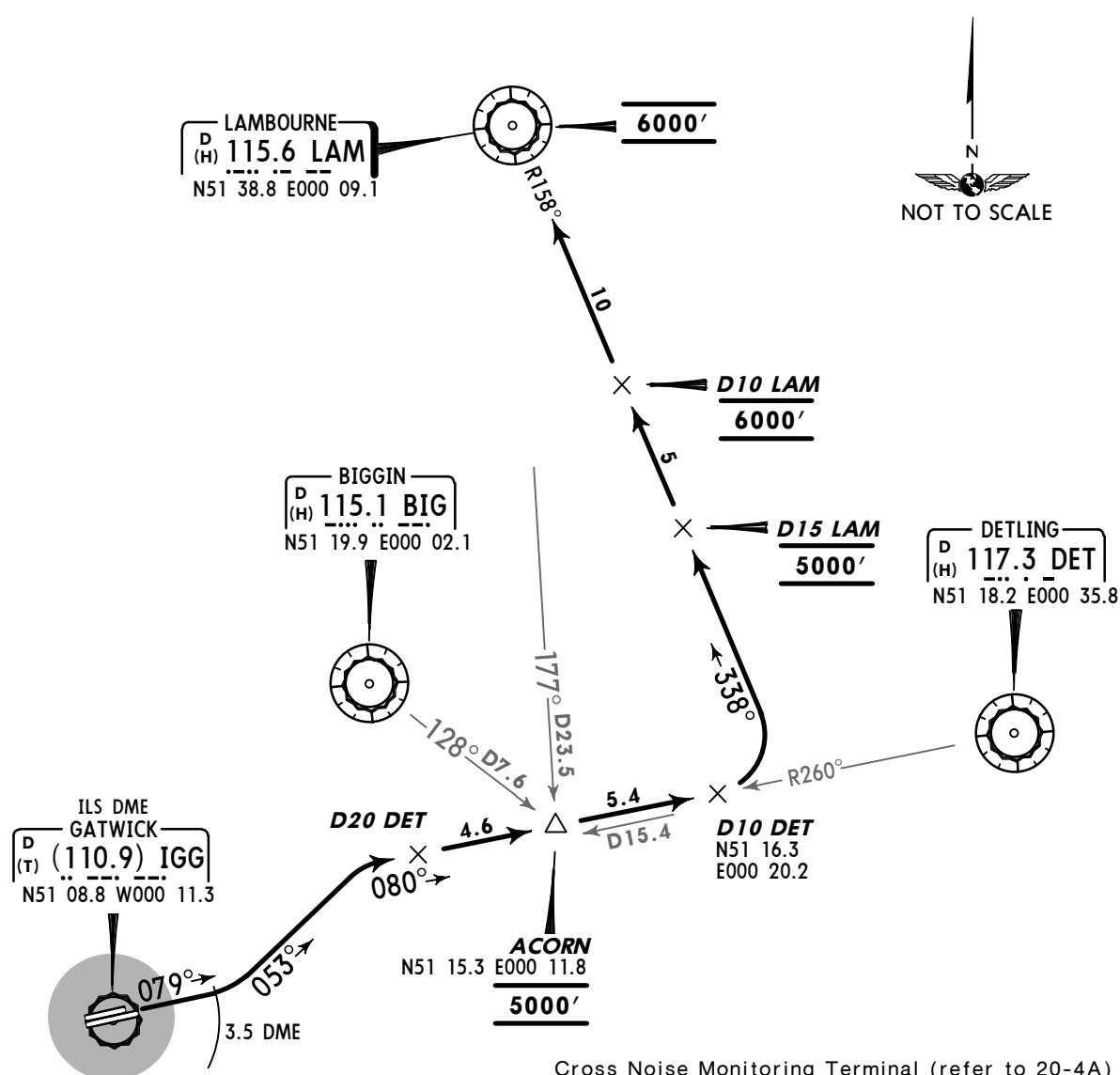
LONDON
Control
120.52Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

LAM 5P, LAM 5W
RWYS 08R/L DEPARTURES
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.



WARNING

No turns below 710'.

AVERAGE TRACK MILEAGE
47 NM to LAM.

Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement.
Additionally for runway 08L maintain a minimum climb gradient of 5.5% to 410'.

Gnd speed-KT	75	100	150	200	250	300
5.5% V/V (fpm)	418	557	835	1114	1392	1671
4% V/V (fpm)	304	405	608	810	1013	1215

SID**RWY****ROUTING/ALTITUDE****LAM 5P****08R**

Straight ahead to IGG 3.5 DME, turn LEFT, 053° track, intercept DET R-260 inbound by D20 DET, cross ACORN (D15.4 DET) at 5000', at D10 DET turn LEFT, intercept LAM R-158 inbound, cross D15 LAM at 5000', D10 LAM at 6000', to LAM, cross at 6000'.

LAM 5W**08L**

LONDON
Control
134.12Apt Elev
203'

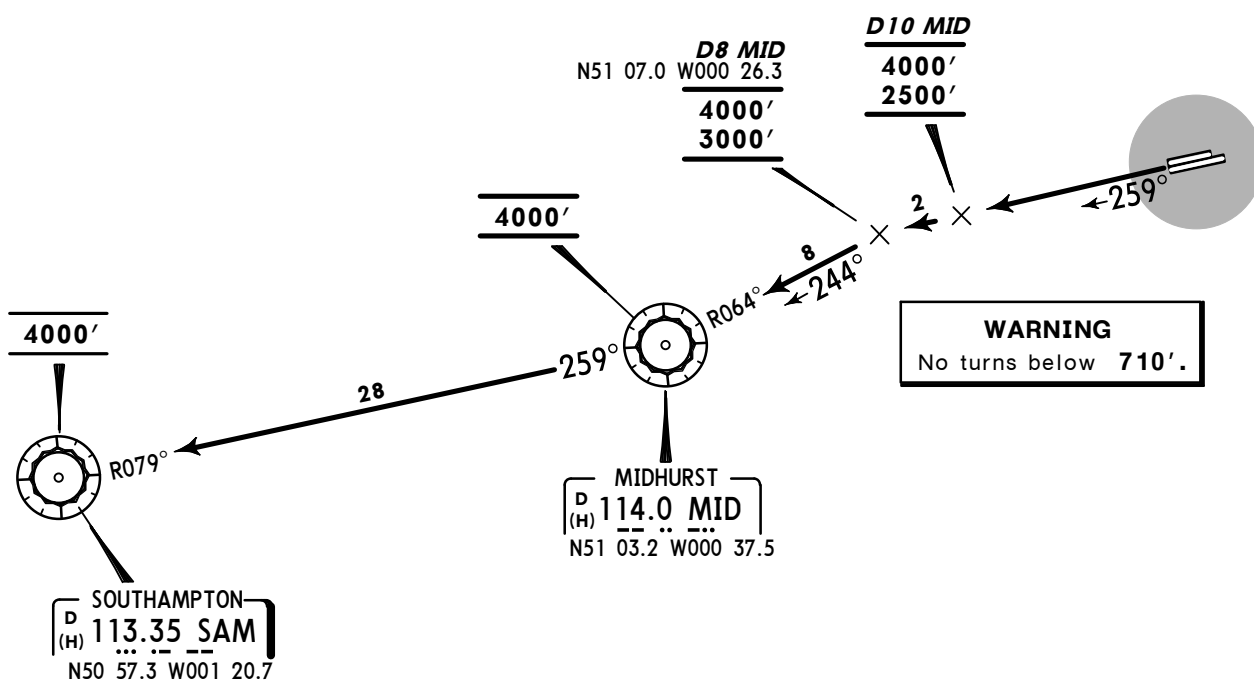
Trans level: By ATC Trans alt: 6000'

1. When instructed contact LONDON Control.
2. SIDs include noise preferential routes (refer to 20-4A).
3. Cruising levels will be issued after take-off by LONDON Control.
4. Do not climb above SID level until instructed by ATC.

SAM 2M, SAM 2V
RWYS 26L/R DEPARTURES
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.



Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement.

Gnd speed-KT	75	100	150	200	250	300
4% V/V (fpm)	304	405	608	810	1013	1215

AVERAGE TRACK MILEAGE
44 NM to SAM.

SID	RWY	ROUTING/ALTITUDE
SAM 2M	26L	Straight ahead, maintain 259° track, cross D10 MID above 2500' (MAX 4000'), intercept MID R-064 inbound at D8 MID, cross above 3000' (MAX 4000'), to MID, cross at 4000', MID R-259 to SAM.
SAM 2V	26R	

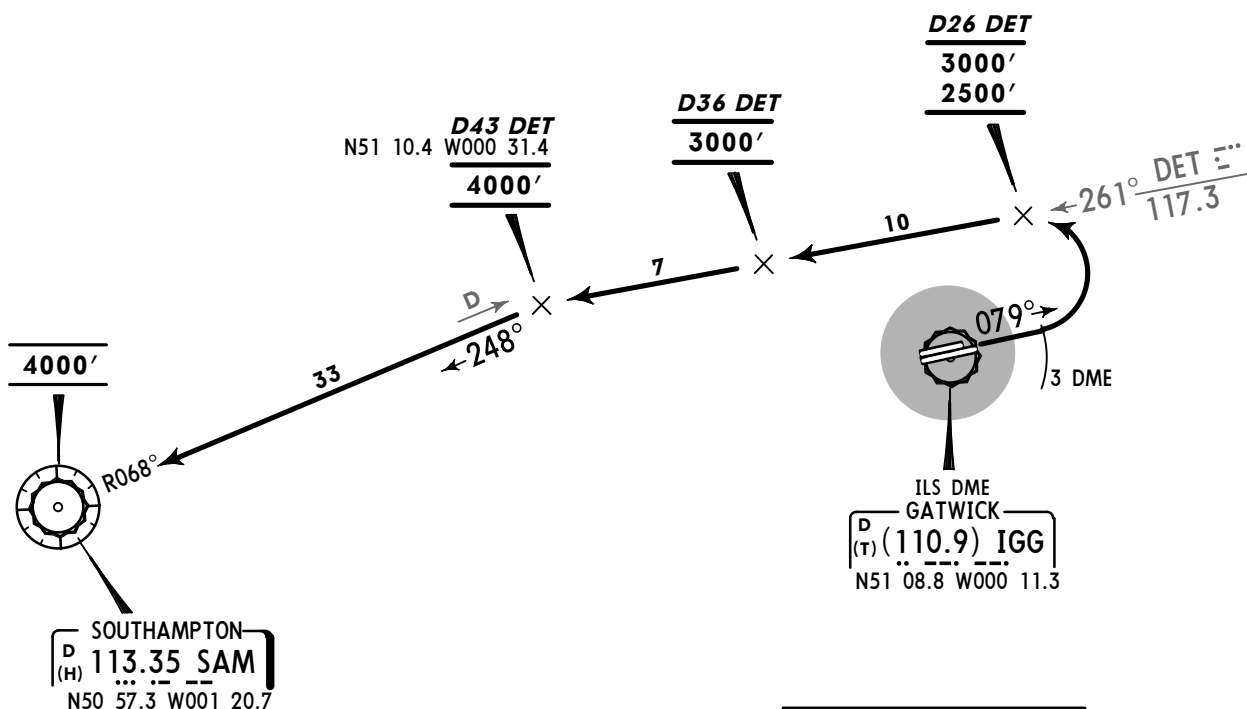
LONDON
Control
134.12Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

SAM 3P, SAM 3W
RWYS 08R/L DEPARTURES
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

**WARNING**

No turns below 710'.

Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement. Additionally for runway 08L maintain a minimum climb gradient of 5.5% to 410'.

Gnd speed-KT	75	100	150	200	250	300
5.5% V/V (fpm)	418	557	835	1114	1392	1671
4% V/V (fpm)	304	405	608	810	1013	1215



AVERAGE TRACK MILEAGE
56 NM to SAM.

SID	RWY	ROUTING/ALTITUDE
SAM 3P	08R	Straight ahead to IGG 3 DME, turn LEFT, intercept DET R-261, cross D26 DET at or above 2500' (MAX 3000'), D36 DET at 3000', D43 DET (D33 SAM) at 4000', intercept SAM R-068 inbound to SAM.
SAM 3W	08L	

LONDON
Control
134.12Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

SFD 5M, SFD 5V RWYS 26L/R DEPARTURES

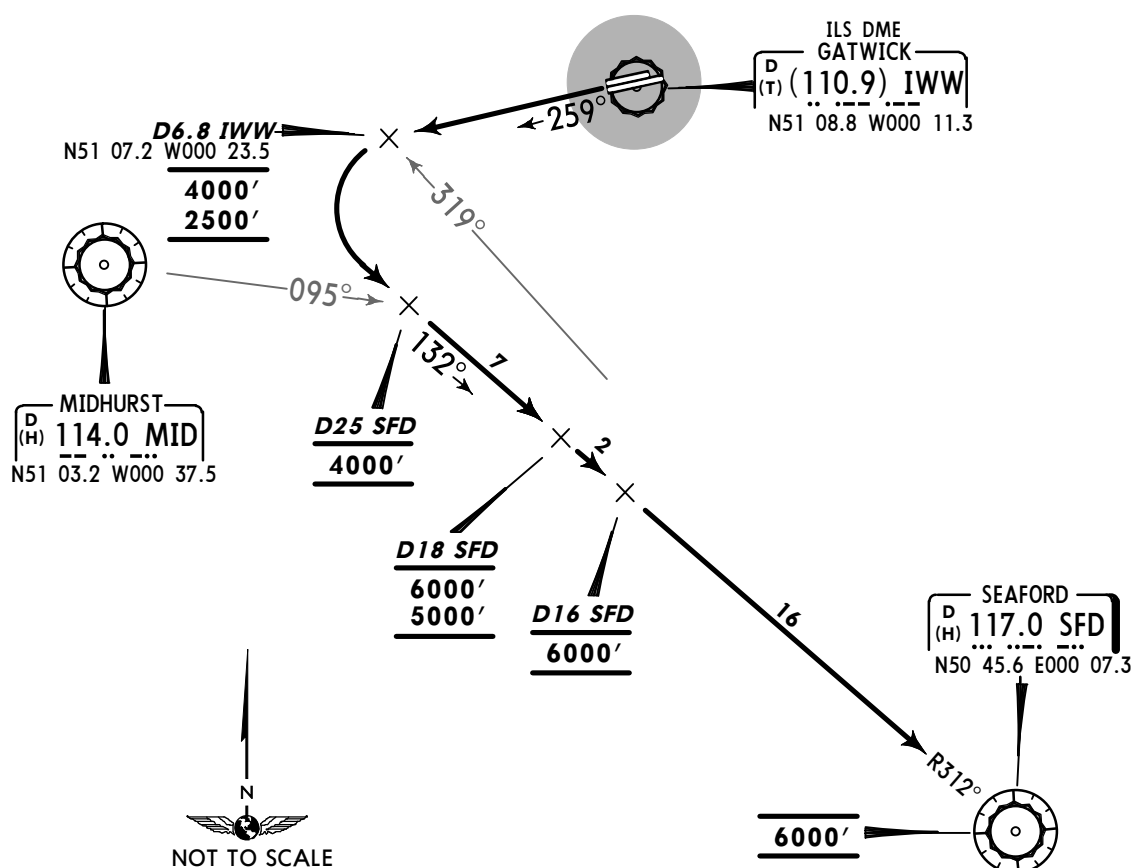
NORMALLY NOT AVAILABLE BETWEEN 0600-2300LT
AT THESE TIMES BOGNA OR HARDY SIDS WILL BE ISSUED AS APPROPRIATE
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

WARNING

No turns below 710'.



Cross Noise Monitoring Terminal (refer to 20-4A)
at a minimum of 1210' thereafter maintain a
minimum climb gradient of
4% to 3000' due to Noise Abatement.

Gnd speed-KT	75	100	150	200	250	300
4% V/V (fpm)	304	405	608	810	1013	1215

AVERAGE TRACK MILEAGE
38 NM to SFD.

SID	RWY	ROUTING/ALTITUDE
SFD 5M	26L	Straight ahead, maintain 259° track until passing SFD R-319 (D6.8 IWW), cross above 2500' (MAX 4000'), turn LEFT, intercept SFD R-312 inbound, cross D25 SFD at 4000', D18 SFD above 5000' (MAX 6000'), D16 SFD at 6000', to SFD.
SFD 5V	26R	

GATWICK
Director
118.95Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact GATWICK Director.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

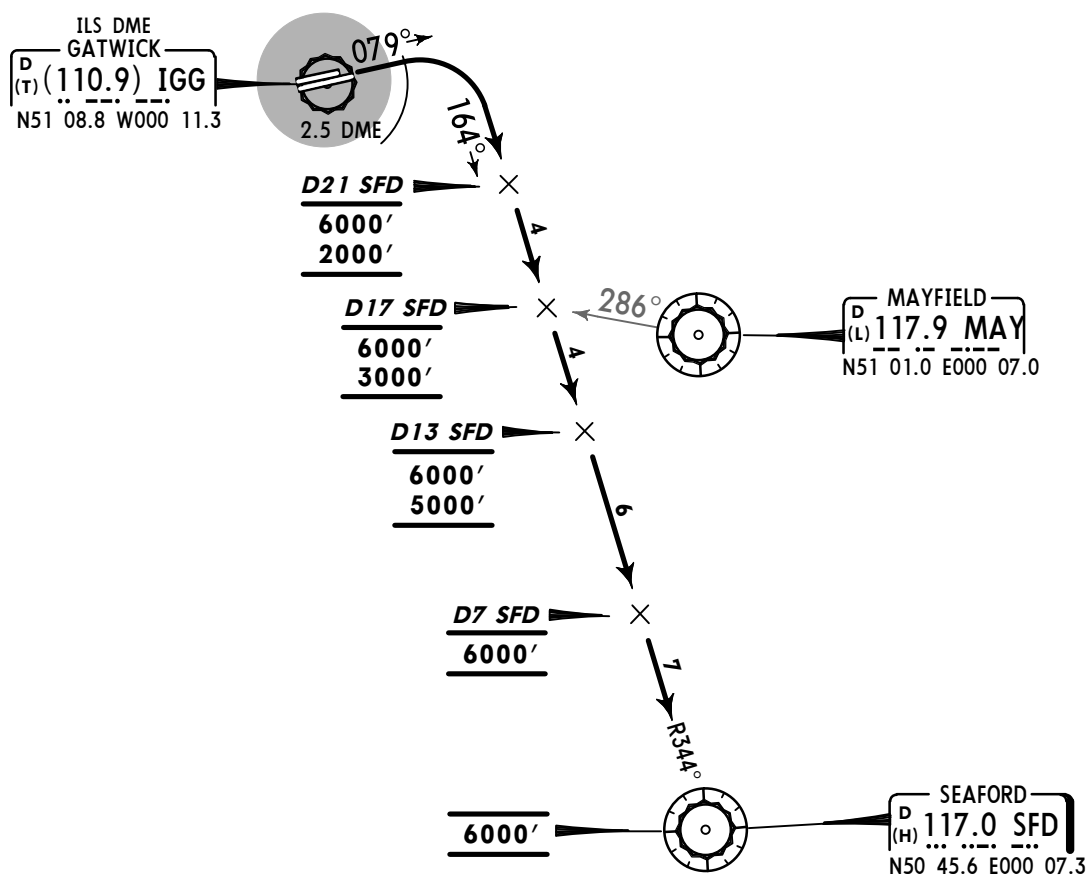
SFD 9P, SFD 9W
RWYS 08R/L DEPARTURES
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

WARNING - STEPPED CLIMB

Due to interaction with other routes pilots must ensure strict compliance with the specified climb profile unless cleared by ATC.

WARNING

No turns below 710'.



Cross Noise Monitoring Terminal (refer to 20-4A) at a minimum of 1210' thereafter maintain a minimum climb gradient of 4% to 3000' due to Noise Abatement. Additionally for runway 08L maintain a minimum climb gradient of 5.5% to 410'.

Gnd speed-KT	75	100	150	200	250	300
5.5% V/V (fpm)	418	557	835	1114	1392	1671
4% V/V (fpm)	304	405	608	810	1013	1215

AVERAGE TRACK MILEAGE
29 NM to SFD.

SID	RWY	ROUTING/ALTITUDE
SFD 9P	08R	Straight ahead to IGG 2.5 DME, turn RIGHT, intercept SFD R-344 in-bound, cross D21 SFD above 2000' (MAX 6000'), D17 SFD above 3000' (MAX 6000'), D13 SFD above 5000' (MAX 6000'), D7 SFD at 6000', to SFD.
SFD 9W	08L	

LONDON
Control
133.17Apt Elev
203'

- Trans level: By ATC Trans alt: 6000'
1. When instructed contact LONDON Control.
 2. SIDs include noise preferential routes (refer to 20-4A).
 3. Cruising levels will be issued after take-off by LONDON Control.
 4. Do not climb above SID level until instructed by ATC.

DAGGA 1M [DAGA1M]

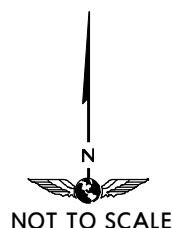
DAGGA 1V [DAGA1V]

TIGER 3M [TIGE3M]

TIGER 3V [TIGE3V]

RWYS 26L/R DEPARTURES

NOT TO BE USED FOR FLIGHT PLANNING PURPOSES

**~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED**LAMBOURNE
(H) 115.6 LAM
N51 38.8 E000 09.1DAGGA
N51 49.3 E000 47.7CLACTON
(H) 114.55 CLN
N51 50.9 E001 08.9**WARNING**Due to interaction with other routes do not
climb above **5000'** unless cleared by ATC.ILS DME
GATWICK
(T) (110.9) IWW
N51 08.8 W000 11.3**WARNING**No turns below **710'**.DME
2.3
D13 MAYMAYFIELD
(L) 117.9 MAY
N51 01.0 E000 07.0DETUNG
(H) 117.3 DET
N51 18.2 E000 35.8D9 MAY
5000'
3000'TIGER
N51 04.0 E000 26.4
5000'**AVERAGE TRACK MILEAGE**
35 NM to TIGER.

Cross Noise Monitoring Terminal (refer to 20-4A)
at a minimum of 1210' thereafter maintain a
minimum climb gradient of 4% to 3000' due
to Noise Abatement.

Gnd speed-KT	75	100	150	200	250	300
4% V/V (fpm)	304	405	608	810	1013	1215

DAGGA/TIGER SIDs are tactical
routings allocated by ATC to
alleviate airspace congestion.
Pilots unable to accept DAGGA/
TIGER SIDs when offered must
inform ATC and will be reallocated
CLN or LAM SIDs as appropriate.

SID	RWY	ROUTING/ALTITUDE
DAGGA 1M	26L	Straight ahead to IWW 2.3 DME, turn LEFT, intercept MAY R-284 inbound by D13 MAY, cross D9 MAY at or above 3000' (MAX 5000'), to MAY, cross at 5000', turn LEFT, MAY R-077 to TIGER, cross at 5000', turn LEFT, intercept DET R-194 inbound to DET, then to DAGGA, then to CLN.
DAGGA 1V	26R	
TIGER 3M	26L	Straight ahead to IWW 2.3 DME, turn LEFT, intercept MAY R-284 inbound by D13 MAY, cross D9 MAY at or above 3000' (MAX 5000'), to MAY, cross at 5000', turn LEFT, MAY R-077 to TIGER, cross at 5000', turn LEFT, intercept LAM R-158 inbound to LAM.
TIGER 3V	26R	

GATWICK
Director
118.95Apt Elev
203'

Trans level: By ATC Trans alt: 6000'

1. When instructed contact GATWICK Director.
2. SIDs include noise preferential routes (refer to 20-4A).
3. Cruising levels will be issued after take-off by LONDON Control.
4. Do not climb above SID level until instructed by ATC.

WIZAD 4M [WIZA4M]

WIZAD 4V [WIZA4V]

RWYS 26L/R DEPARTURES

WIZAD SIDS ARE TACTICAL ROUTINGS ALLOCATED
BY ATC TO ALLEVIATE AIRSPACE CONGESTION
PILOTS UNABLE TO ACCEPT WIZAD SIDS WHEN OFFERED
MUST INFORM ATC AND WILL BE REALLOCATED DVR SIDS
NOT TO BE USED FOR FLIGHT PLANNING PURPOSES

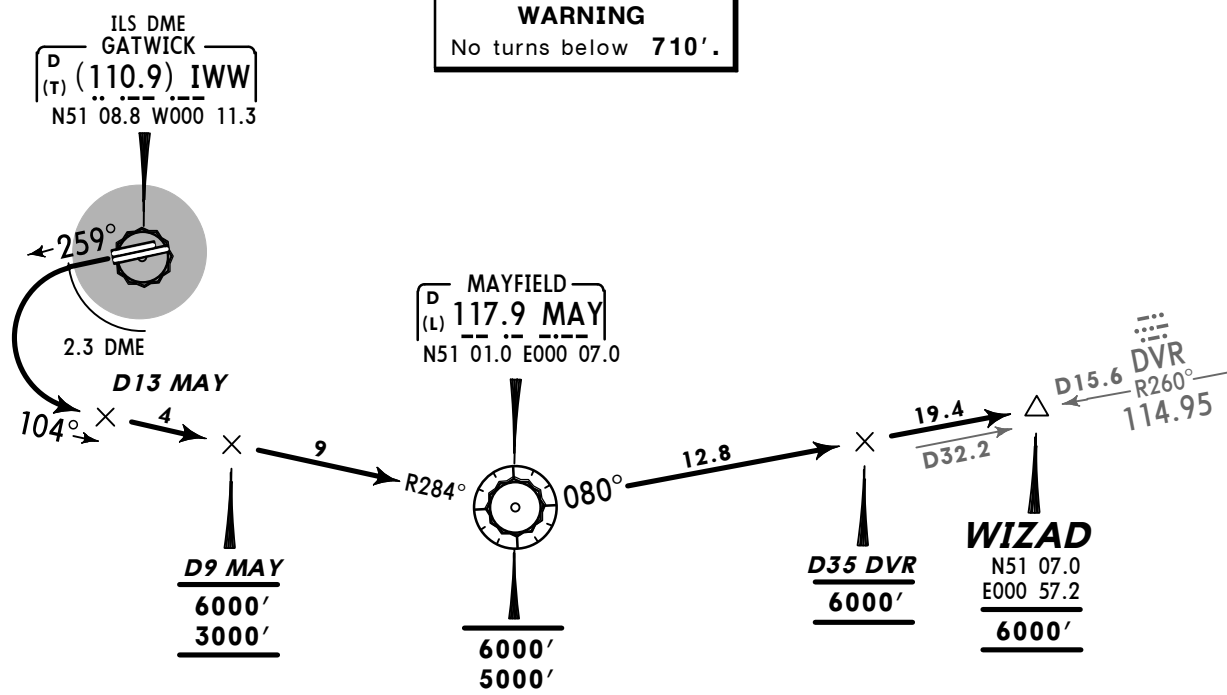
~~SPEED~~ MAX 250 KT BELOW FL100
UNLESS OTHERWISE AUTHORIZED

WARNING

Due to interaction with other routes do not
climb above **6000'** unless cleared by ATC.

WARNING

No turns below **710'**.

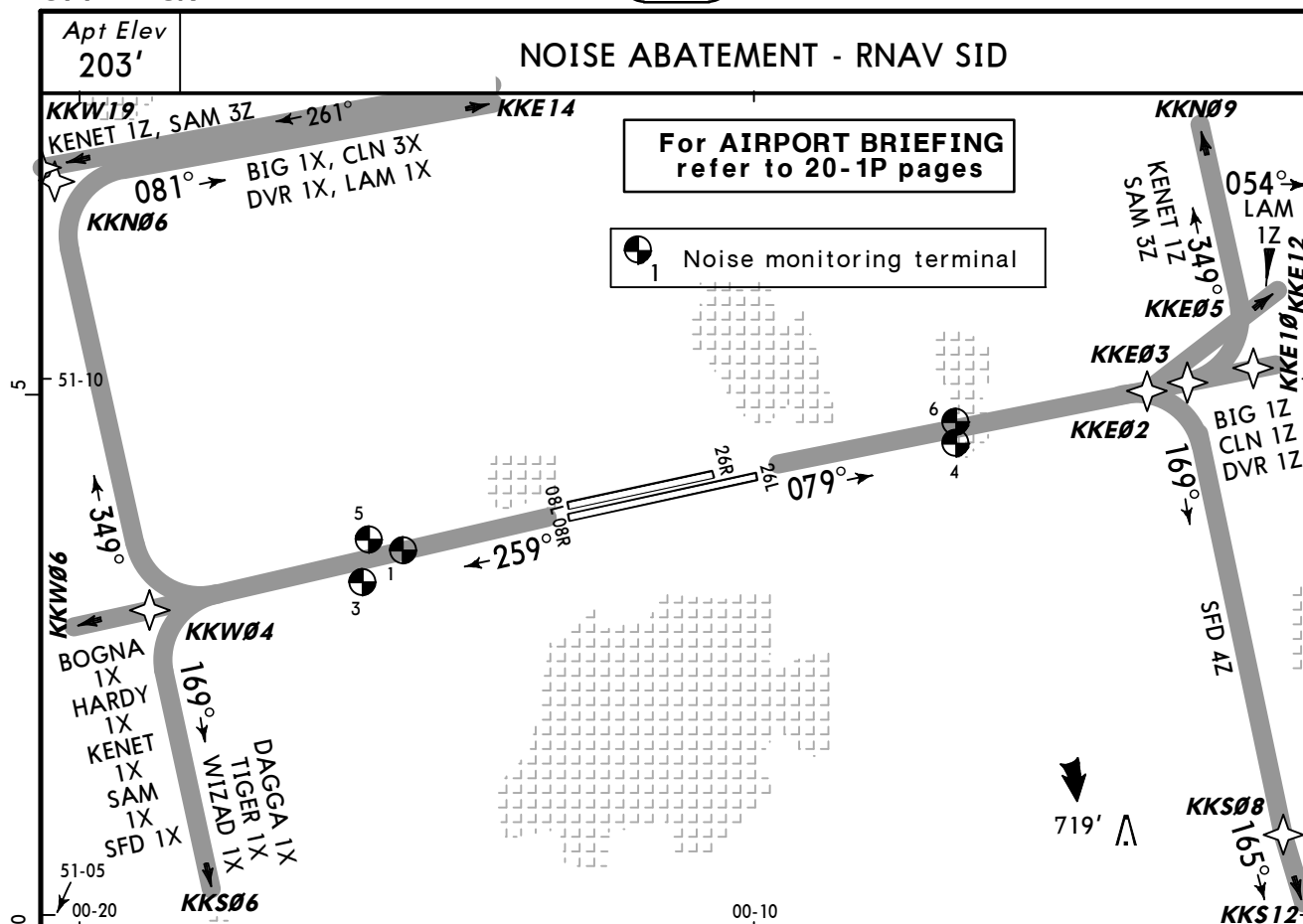


Cross Noise Monitoring Terminal (refer to 20-4A)
at a minimum of 1210' thereafter maintain a
minimum climb gradient of 4% to 3000' due
to Noise Abatement.

Gnd speed-KT	75	100	150	200	250	300
4% V/V (fpm)	304	405	608	810	1013	1215

AVERAGE TRACK MILEAGE
55 NM to WIZAD.

SID	RWY	ROUTING/ALTITUDE
WIZAD 4M	26L	Straight ahead to IWW 2.3 DME, turn LEFT, intercept MAY R-284 inbound by D13 MAY, cross D9 MAY at or above 3000' (MAX 6000'), to MAY, cross at or above 5000' (MAX 6000'), turn LEFT, intercept DVR R-260 inbound, cross D35 DVR at 6000', to WIZAD, cross at 6000'.
WIZAD 4V	26R	



The operation limits as specified in para 3.3.1. (refer to Airport Briefing Page 20-1P5) shall be adjusted in respect of any noise monitoring terminal to take account of the location and its ground elevation relative to the aerodrome elevation as follows:

NOISE MONITORING TERMINAL/NAME/LOCATION	ELEVATION ABOVE AERODROME	ADJUSTMENT db(A)
1 Russ Hill N51 08.4 W000 15.2	54m	+ 5.0
3 Orltons N51 08.1 W000 15.8	57m	+ 1.9
4 Moat House N51 09.4 W000 07.0	4m	0.0
5 Oaklands Park Farm N51 08.5 W000 15.7	52m	+ 1.9
6 Bellwood N51 09.6 W000 07.0	3m	- 0.2

If the aircraft was required to take-off with a tailwind an amount of the noise recorded at the noise monitor should be disregarded.

Tailwind component	≤ 1 KT	≤ 2 KT	≤ 3 KT	≤ 4 KT	> 4 KT
Amount to be disregarded	0.4 dB	0.8 dB	1.2 dB	1.6 dB	2.0 dB



location and its ground elevation relative to the aerodrome elevation as follows:

5			
---	--	--	--

the noise monitor should be disregarded.

Amount to be disregarded	0.4 dB	0.8 dB	1.2 dB	1.6 dB	2.0 dB
--------------------------	--------	--------	--------	--------	--------

00-12

FOR DETAILS SEE 20-9A

FOR HOLDING POINTS SEE INSET

00-10

00-11

00-12

02°W

NORTH TERMINAL

SOUTH TERMINAL

PIER 1

PIER 2

PIER 3

PIER 4

PIER 5

PIER 6

CARGO BUILDING

CARGO AREA

WEST PARK

HANGAR 6

MAINTENANCE AREA 1

MAINTENANCE AREA 2

Control tower

26L 259'

26R 259'

254' 270'

275' 268'

243.74m Stopway

Y1 Y2

CR C

DI

ARP

8,415' 256.5m

10,879' 331.6m

Trees up to 302' south of and parallel to runway

Feet 0 500 1000 1500 2000 2500 800

Meters 0 200 400 600 800

LEGEND

 Synchronized flashing
white light

 Holding point for
RWY 08L/26R only

 Blast fence

FOR HOLDING POINTS

510

10-11-16

Trees up to 302' south of
and parallel to runway

TAKE-OFF 1

	LVP must be in Force					RCLM (DAY only) or RL	NIL (DAY only)
	Approved Operators HIRL, CL & mult., RVR req	RL, CL & mult., RVR req	RL & CL	RCLM (DAY only) or RL			
	125m	150m	200m	250m			
	150m	200m	250m	300m		400m	500m

1	Operators applying U.S. Ops Specs: CL required below 300m; approved HUD required below 150m.
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RWY 08R:

RWY 08R:

From rwy head	10,364' (3159m)
int hold posn H1	9616' (2931m)
int hold posn G1	9127' (2782m)

RWY 26L:

From rwy head	10,679' (3255m)
int hold posn A1	10,308' (3142m)
int hold posn B1	9505' (2897m)
int hold posn C1	8084' (2464m)

ADDITIONAL RUNWAY INFORMATION	USABLE LENGTHS

RWY			Threshold	Glide Slope	TAKE-OFF	WIDTH
			— LANDING BEYOND —			
08L	HIRL HIALS REIL PAPI-L (3.0°)	RVR	7359' 2245m			148' 45m
08R	HIRL HIALS REIL PAPI-L (3.0°)	RVR	7047' 2148m			151' 45m
08L	HIRL CL (15m) HIALS-II TDZ PAPI-R (3.0°) HSTIL-D & CR	RVR	9075' 2766m	8042' 2451m		151' 45m
08R	HIRL CL (15m) HIALS-II TDZ PAPI-L (3.0°) HSTIL-F & FR	RVR	9288' 2863m	8255' 2516m		151' 45m

1 Runways grooved.

2 TAKE-OFF RUN AVAILABLE

RWY 08R:	
From rwy head	10,364' (3159m)
int hold posn H1	9616' (2931m)
int hold posn G1	9127' (2782m)

PWV 261.

RWT ZOL.

From rwy head	10,679' (3255m)
int hold posn A1	10,308' (3142m)
int hold posn B1	9505' (2897m)
int hold posn C1	8084' (2464m)

INS COORDINATES							
STAND No.	COORDINATES			STAND No.	COORDINATES		
10	N51 09.3	W000 09.9		107, 109	N51 09.3	W000 10.7	
11, 12	N51 09.3	W000 10.0		110	N51 09.3	W000 10.8	
13	N51 09.4	W000 10.0		111	N51 09.4	W000 10.8	
13L	N51 09.4	W000 09.9		112, 113	N51 09.4	W000 10.7	
13R	N51 09.4	W000 10.0		130	N51 09.3	W000 10.5	
14	N51 09.3	W000 10.0		131, 132	N51 09.3	W000 10.6	
15	N51 09.4	W000 10.0		133, 134	N51 09.3	W000 10.7	
16	N51 09.3	W000 10.1		135, 136	N51 09.3	W000 10.8	
17	N51 09.4	W000 10.1		140 thru 141	N51 09.2	W000 10.5	
18	N51 09.3	W000 10.1		142, 142L, 142R	N51 09.2	W000 10.6	
19	N51 09.4	W000 10.1		143 thru 144R	N51 09.2	W000 10.7	
20	N51 09.3	W000 10.1		145, 145L, 145R	N51 09.2	W000 10.8	
21	N51 09.4	W000 10.2		150, 150L	N51 09.4	W000 11.1	
22	N51 09.3	W000 10.2		150R	N51 09.3	W000 11.1	
23	N51 09.4	W000 10.3		151	N51 09.3	W000 11.2	
24	N51 09.3	W000 10.2		151L	N51 09.3	W000 11.1	
25 thru 27	N51 09.3	W000 10.3		151R thru 152R	N51 09.3	W000 11.2	
28	N51 09.3	W000 10.2		153	N51 09.4	W000 11.0	
31	N51 09.4	W000 10.0		154, 155	N51 09.4	W000 11.1	
31L	N51 09.4	W000 10.1		156, 157	N51 09.4	W000 11.2	
31R	N51 09.4	W000 10.0		158, 159	N51 09.4	W000 11.3	
32, 32L, 32R	N51 09.4	W000 10.1		160, 160L, 160R	N51 09.3	W000 11.0	
33	N51 09.4	W000 10.2		161	N51 09.2	W000 11.0	
33L	N51 09.5	W000 10.2		170	N51 09.1	W000 11.3	
33R	N51 09.4	W000 10.2		171	N51 09.1	W000 11.2	
34 thru 35R	N51 09.5	W000 10.2		172	N51 09.2	W000 11.3	
36, 36L, 36R	N51 09.6	W000 10.1		173	N51 09.2	W000 11.2	
37	N51 09.6	W000 10.0		174	N51 09.2	W000 11.3	
38	N51 09.5	W000 10.0		175	N51 09.2	W000 11.2	
41, 41E, 41W	N51 09.4	W000 10.3		176	N51 09.2	W000 11.3	
42 thru 43W	N51 09.4	W000 10.4		177	N51 09.3	W000 11.2	
46, 47	N51 09.6	W000 10.2		178, 180	N51 09.3	W000 11.3	
48	N51 09.6	W000 10.3		230 thru 231R	N51 09.1	W000 11.7	
48L	N51 09.5	W000 10.3		232, 232L, 232R	N51 09.2	W000 11.7	
48R	N51 09.6	W000 10.2		233, 233L, 233R	N51 09.2	W000 11.8	
49, 49L, 49R	N51 09.5	W000 10.3		234, 234L	N51 09.3	W000 11.8	
50, 51	N51 09.5	W000 10.4		234R	N51 09.2	W000 11.8	
51L	N51 09.5	W000 10.5		235, 235L, 235R	N51 09.3	W000 11.8	
51R	N51 09.5	W000 10.4		551, 552	N51 09.5	W000 10.7	
52, 52L, 52R	N51 09.5	W000 10.5		553	N51 09.4	W000 10.8	
53, 53L	N51 09.5	W000 10.6		554	N51 09.5	W000 10.8	
53R	N51 09.5	W000 10.5		565 thru 570	N51 09.7	W000 10.8	
54	N51 09.5	W000 10.6		571 thru 573	N51 09.8	W000 10.8	
56	N51 09.5	W000 10.8		574	N51 09.8	W000 10.9	
57, 57L	N51 09.6	W000 10.8					
57R	N51 09.5	W000 10.8					
58, 58L, 58R	N51 09.6	W000 10.8					
59	N51 09.6	W000 10.9					
64, 64L, 64R	N51 09.8	W000 11.0					
65 thru 66	N51 09.7	W000 11.0					
66L	N51 09.7	W000 10.9					
66R	N51 09.7	W000 11.0					
67, 68	N51 09.6	W000 11.0					
101, 102	N51 09.4	W000 10.6					
104 thru 106	N51 09.3	W000 10.6					

STAND ENTRY GUIDANCE SYSTEM

GENERAL

Pilot interpreted guidance systems for aircraft parking consist of two separate elements:

- a) Centerline Guidance -AGNIS (AZIMUTH GUIDANCE FOR NOSE-IN STANDS)
- b) Stopping Guidance -PAPA (PARALLAX AIRCRAFT PARKING AID),
 - Mirror or
 - Stop arrow

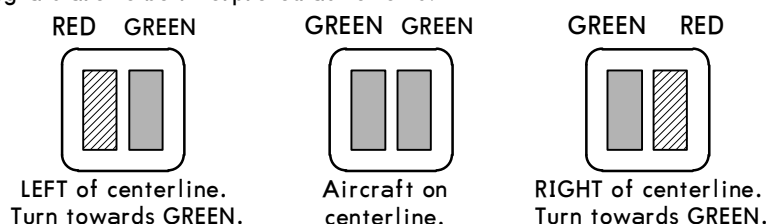
CAUTION: The systems are aligned with the LEFT hand pilots seat only.

A. CENTERLINE GUIDANCE SYSTEM

AGNIS-AZIMUTH GUIDANCE FOR NOSE-IN STANDS

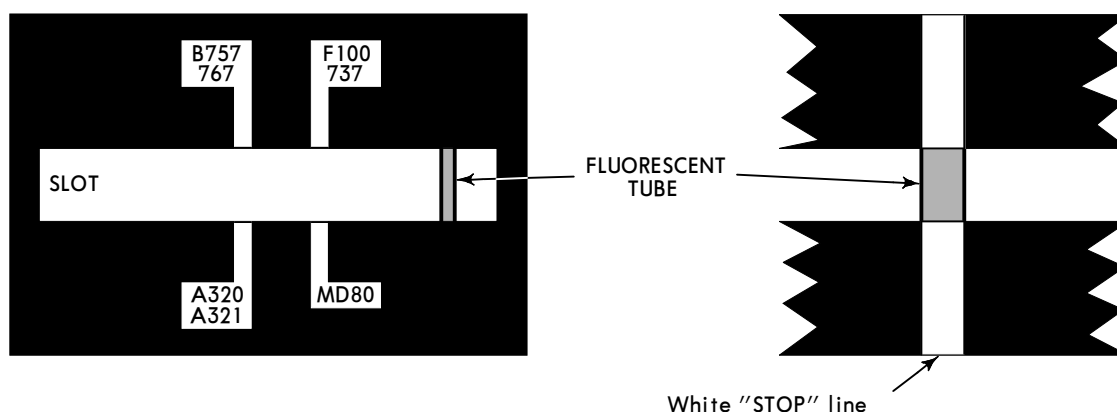
A red/green light system to guide along the stand centerline intended as a "back-up" to the stand centerline marking. It does not provide a stopping signal.

It consists of a unit emitting red and/or green light signals - mounted on the front of the piers at pilot eye level - aligned for interpretation by the pilot in the left hand seat. The signals are to be interpreted as follows:



B. STOPPING GUIDANCE

PAPA-PARALLAX AIRCRAFT PARKING AID



It consists of a reference board with a horizontal slot running across its center. This board is supported on a frame projecting from the face of the pier at pilot eye level. Behind it is a weatherproof white fluorescent tube mounted vertically and slightly to the right.

Taxiing into the stand, the pilot in the left hand seat will see the fluorescent tube appear to move along the slot towards the reference marks. Correct stopping position is reached, when the tubular light registers in line with the appropriate aircraft type "STOP" mark.

Accuracy of this system is very much dependent upon the accuracy of the alignment on the stand centerline. It has been set up for interpretation by the pilot occupying the left hand seat. Viewed from the right hand pilot's seat the aircraft will overshoot by 3 to 10 feet/1 to 3m depending upon acft type.

Mirror

The acft should be aligned on the stand centerline with the aid of AGNIS. The pilot in the left hand seat should then continue to taxi forward with the reference to mirror. The acft should be brought to a halt with the nosewheel on the relevant stop mark.

Stop arrow

A yellow painted STOP arrow is provided on the ground as a stopping guidance on some of the stands. The pilot in the left hand position must align his position with the yellow STOP arrow to find the correct parking position.

VISUAL DOCKING GUIDANCE SYSTEM

START OF DOCKING

The system is started by pressing one of the acft type buttons on the operator panel. When the button has been pressed, WAIT will be displayed.

CAPTURE

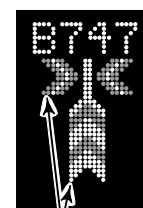
The floating arrows indicate that the system is activated and in capture mode, searching for an approaching acft. It shall be checked that the correct acft type is displayed. The lead-in line shall be followed.

TRACKING

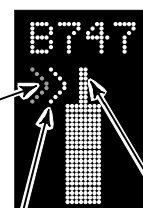
When the acft has been caught by the laser, the floating arrow is replaced by the yellow centre line indicator. A flashing red arrow indicates the direction to turn. The vertical yellow arrow shows position in relation to the centre line. This indicator gives correct position and azimuth guidance.

CLOSING RATE

Display of digital countdown will start when the acft is 49'/15m from stop position. When the acft is less than 52'/16m from the stop position, the closing rate is indicated by turning off one row of the centre line symbol per 2'/0.7m covered by the acft. Thus, when the last row is turned off, 2'/0.7m remains to stop.

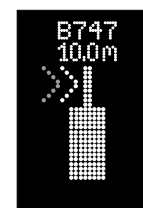


Floating arrows



Flashing red arrow

Yellow arrow



Yellow centre line

ALIGNED TO CENTRE

The acft is 26'/8m from the stop position. The absence of any direction arrow indicates an acft on the centre line.

SLOW DOWN

If the acft is approaching faster than the accepted speed, the system will show SLOW DOWN as a warning to the pilot.

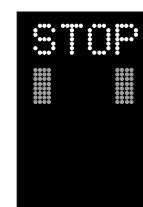


AZIMUTH GUIDANCE

The acft is 13'/4m from the stop-position. The yellow arrow indicates an acft to the right of the centre line, and the red flashing arrow indicates the direction to turn.

STOP POSITION REACHED

When the correct stop-position is reached, the display will show STOP and red lights will be lit.



DOCKING COMPLETED

When the acft has parked, OK will be displayed.

OVERSHOOT

If the acft has overshoot the stop-position, TOO FAR will be displayed.

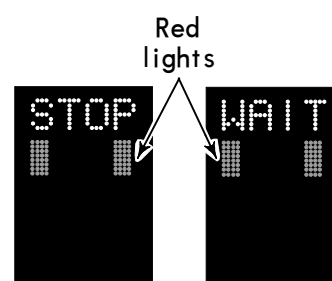


STOP SHORT

If the acft is found standing still but has not reached the intended stop position, the message STOP OK will be shown after a while.

WAIT

If some object is blocking the view toward the approaching acft or the detected acft is lost during docking, before 39'/12m to STOP, the display will show WAIT. The docking will continue as soon as the blocking object has disappeared or the system detects the acft again.



VISUAL DOCKING GUIDANCE SYSTEM**GENERAL**

The displays on the Safedock Stand Entry Guidance System (SEGs) units will be used to show key times during an aircraft turn. The times of Actual In Blocks Time (AIBT), Target Off Blocks Time (TOBT) and Actual Off Blocks Time (AOBT) will be displayed.

The networking of SEGs will not change the process or display for the safe parking of aircraft onto a stand. Once the aircraft has stopped on stand the following information will be projected onto the SEG unit:

AIBT

In bound Flight Number (IATA) and AIBT (in Zulu) - this will be displayed for 1 minute.

Display at 'Block In' as seen at 08:51.

Activated: when current flight (arrival) has occupied the stand.
Duration: from AIBT plus one minute.

EZY5474		
	AIBT	
	08:51	

TOBT

Out bound Flight Number (IATA), TOBT (in Zulu) and countdown clock to the TOBT.

Display during 'Turn'.

Countdown will start to flash at TOBT - 15 minutes.

EZY5477		
	09:30	
	-014	

EZY5477		
	09:30	
	-014	

AOBT

AOBT (in Zulu) and a count of minutes over TOBT if this time has been missed.

Display at 'Off Block' as seen at 09:27.

Activated: when current flight (departure) has left the stand.
Duration: from AOBT for two minutes.

EZY5477		
	AOBT	
	09:27	

STRAIGHT-IN RWY		DA(H) / MDA(H)	RVR (ALS/ALS out)
08L	RNAV	850' (655')	1000m / 1000m
	SRA	830' (635')	1000m / 1000m
08R	CAT 2 ILS DME	296' (100')	RA 96' - 300m
	ILS DME	396' (200')	500m / 1000m
	LOC	740' (544')	1000m / 1000m
	RNAV (LNAV/VNAV)	700' (504')	1000m / 1000m
	RNAV (LNAV)	740' (544')	1000m / 1000m
	SRA	740' (544')	1000m / 1000m
26L	CAT 2 ILS DME	296' (100')	RA 102' - 300m
	ILS DME	396' (200')	500m / 1000m
	LOC	560' (364')	800m / 1000m
	RNAV (LNAV/VNAV)	580' (384')	800m / 1000m
	RNAV (LNAV)	590' (394')	800m / 1000m
	SRA	680' (484')	1000m / 1000m
26R	RNAV	850' (655')	1000m / 1000m
	SRA	830' (635')	1000m / 1000m

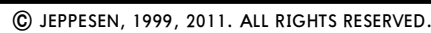
CIRCLE-TO-LAND	MDA(H)	VIS
	800' (597') ❶	1000m

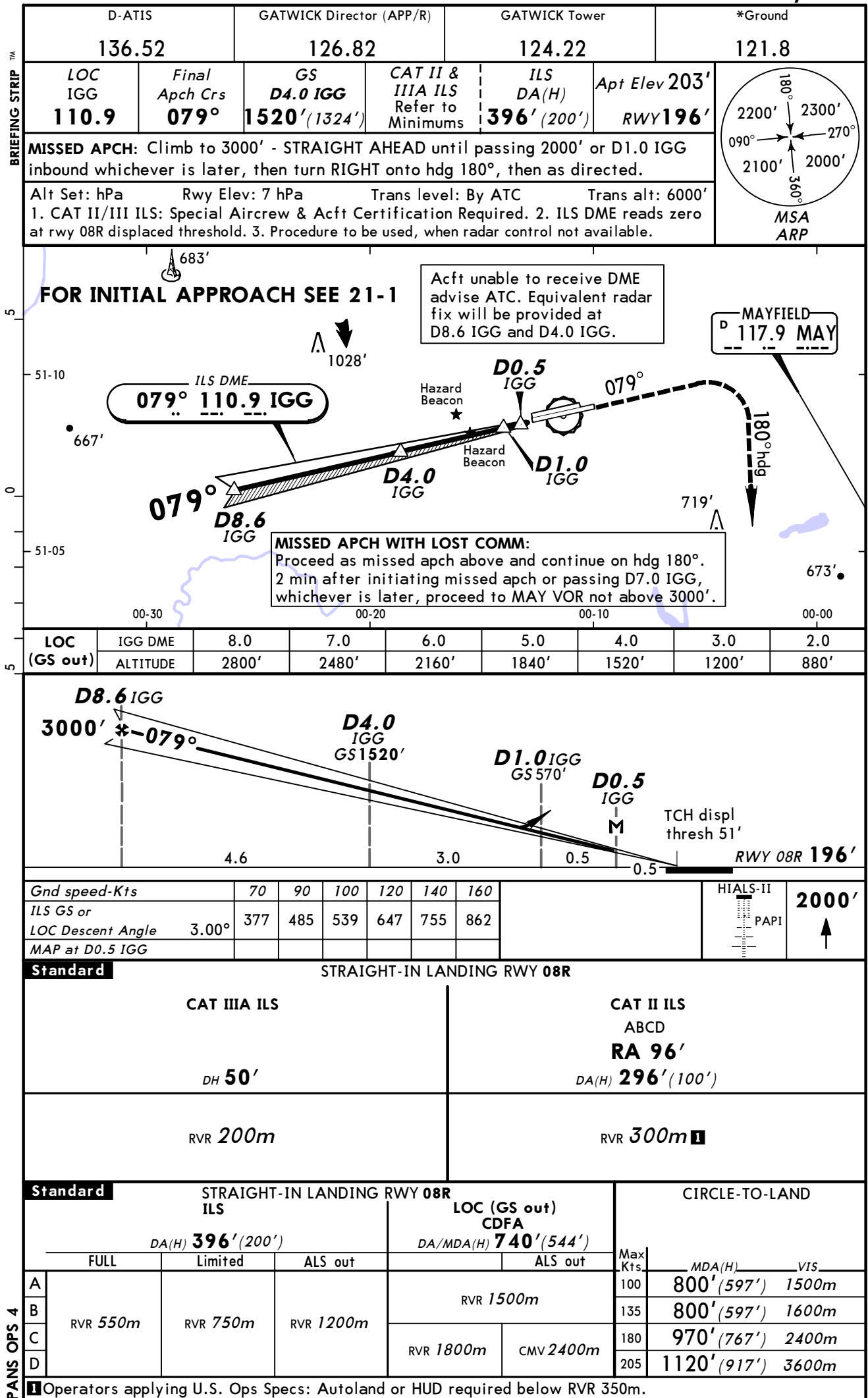
- ❶ After RNAV 08L/26R: 850' (647').
 After SRA 08L/26R: 830' (627').

TAKE-OFF RWY 08L/R, 26L/R				
LVP must be in Force ❷				
RL, FATO LTS, CL & RVR info	RL, FATO LTS & RCLM	Unlit/unmarked defined RWY/FATO	Nil Facilities DAY	Nil Facilities NIGHT
150m	200m	200m	250m ❸	800m

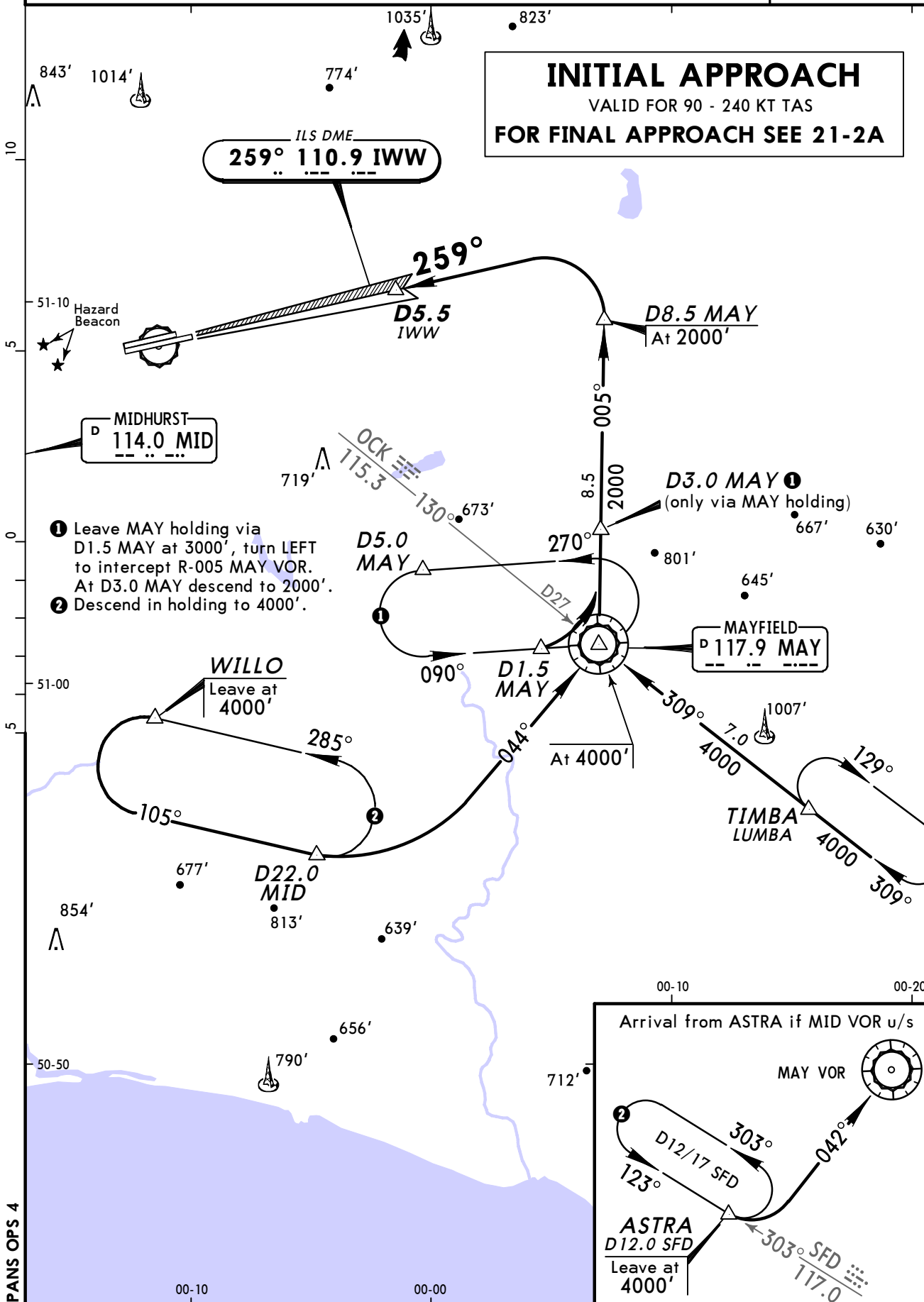
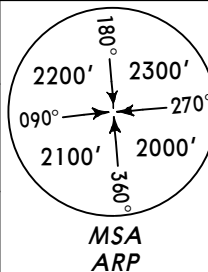
- ❷ Without LVP 400m are stipulated.
 ❸ Or rejected take-off distance whichever is the greater.

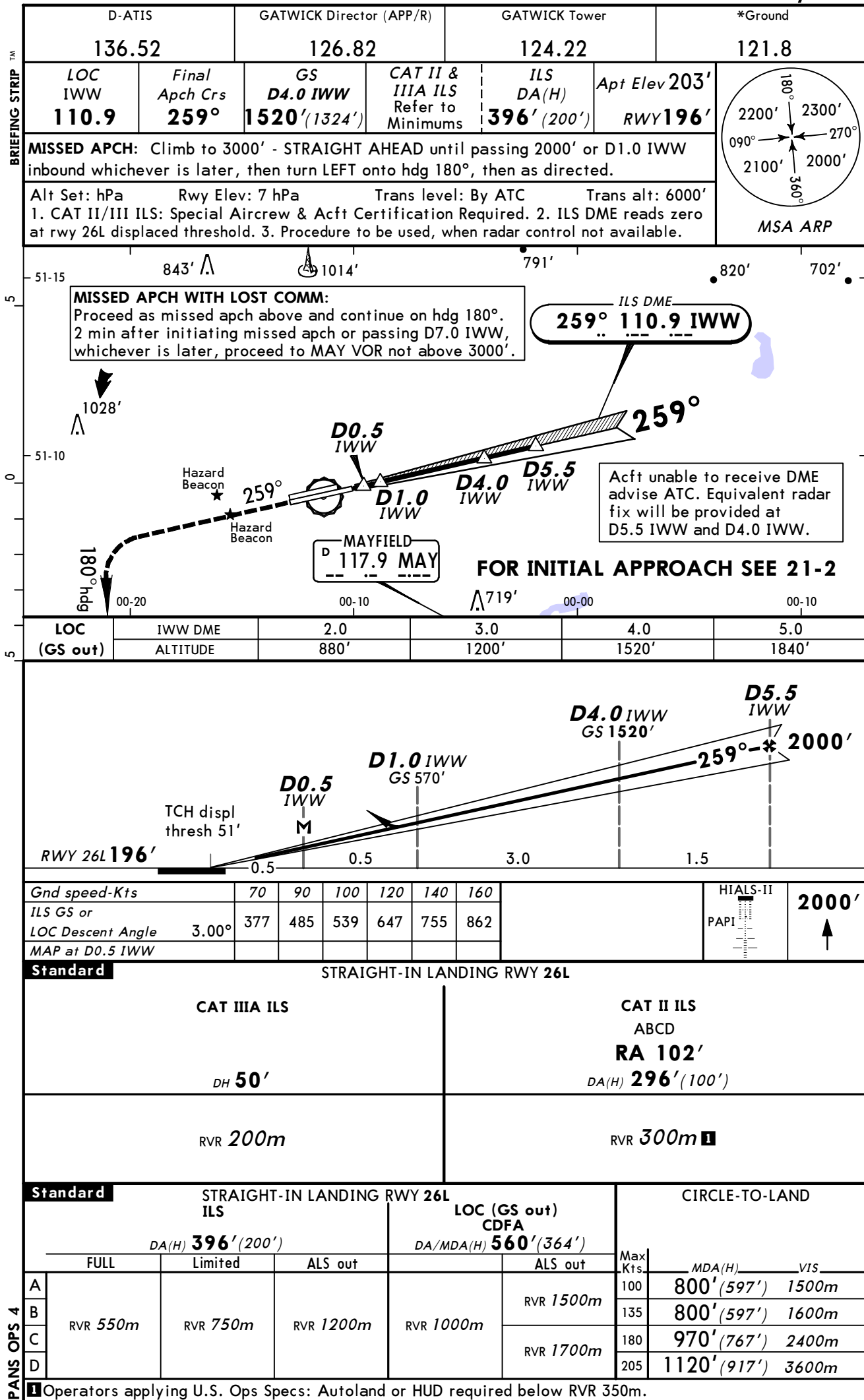
A circular diagram representing a Maximum Safe Area (MSA) for a Restricted Area (ARP). The circle is divided into four quadrants by a horizontal and vertical line. The dimensions for each quadrant are: top-left 2200', top-right 2300', bottom-left 2100', and bottom-right 2000'. The angles at the center are labeled: 180° at the top, 270° at the right, 360° at the bottom, and 090° at the left. Below the circle, the text "MSA" and "ARP" are written.





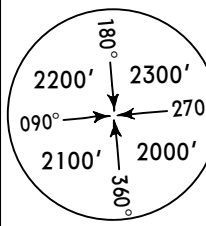
D-ATIS 136.52	GATWICK Director (APP/R) 126.82	GATWICK Tower 124.22	*Ground 121.8
LOC IWW 110.9	Final Apch Crs 259°	GS Refer to chart 21-2A	ILS DA(H) Refer to chart 21-2A
Alt Set: hPa		Trans level: By ATC	
Rwy Elev: 7 hPa		Trans alt: 6000'	
1. ILS DME reads zero at rwy 26L displaced threshold.		2. Procedure to be used, when radar control not available.	
Apt Elev 203'		RWY 196'	

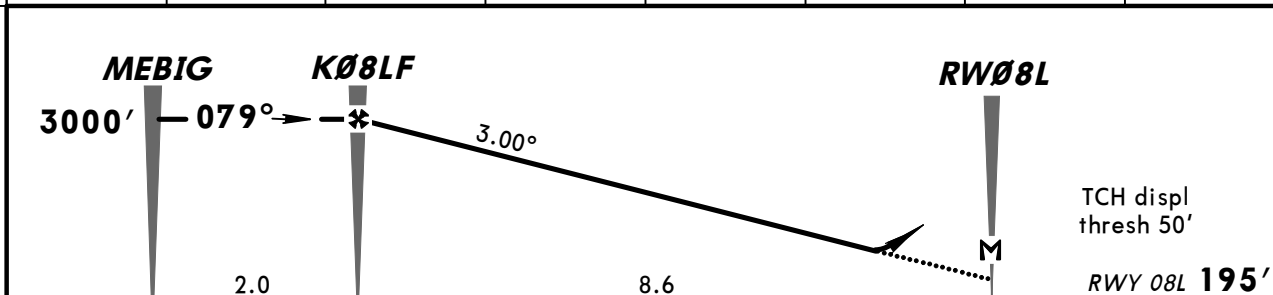
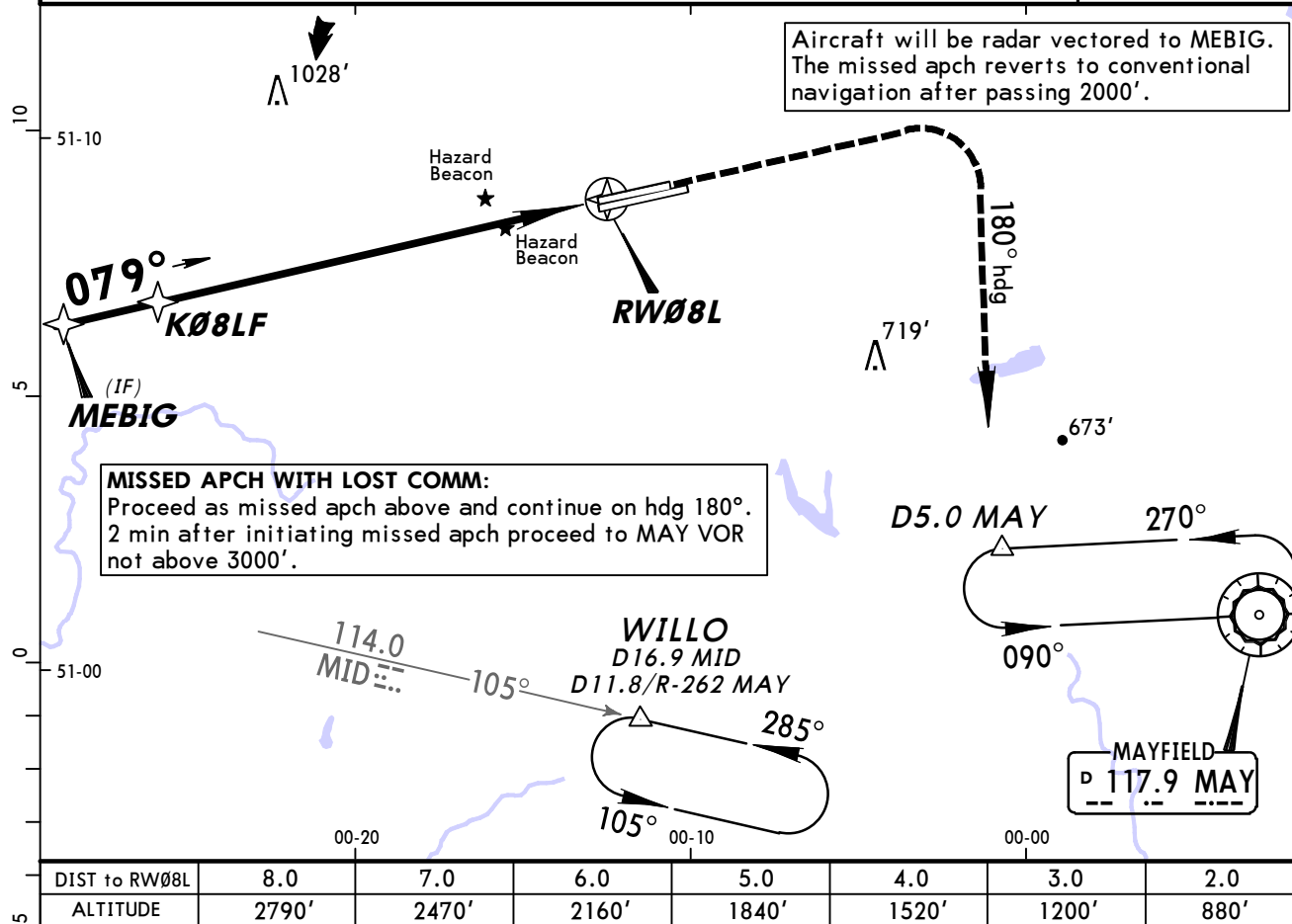


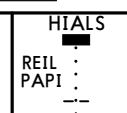


BRIEFING STRIP

TM

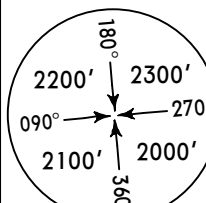
D-ATIS		GATWICK Director (APP/R)		GATWICK Tower		*Ground	
136.52		126.82		124.22		121.8	
RNAV	Final Apch Crs 079°	Minimum Alt K08LF 3000' (2805')	LNAV/VNAV DA(H) 850' (655')	Apt Elev 203' RWY195'			
MISSED APCH: Climb to 3000' - STRAIGHT AHEAD until passing 2000' or 1NM inbound RW08L whichever is later, then turn RIGHT onto hdg 180°, then as directed.							
Alt Set: hPa Rwy Elev: 7 hPa Trans level: By ATC Trans alt: 6000' 1. In the event of radio communication failure follow conventional arrival procedures to establish on final approach course. 2. Pilots should request RNAV approach on first contact with Director. 3. Minimum temperature -10°C.							



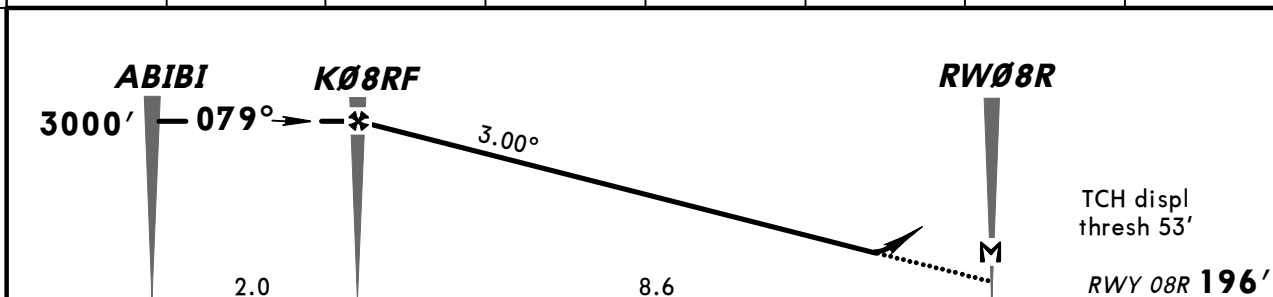
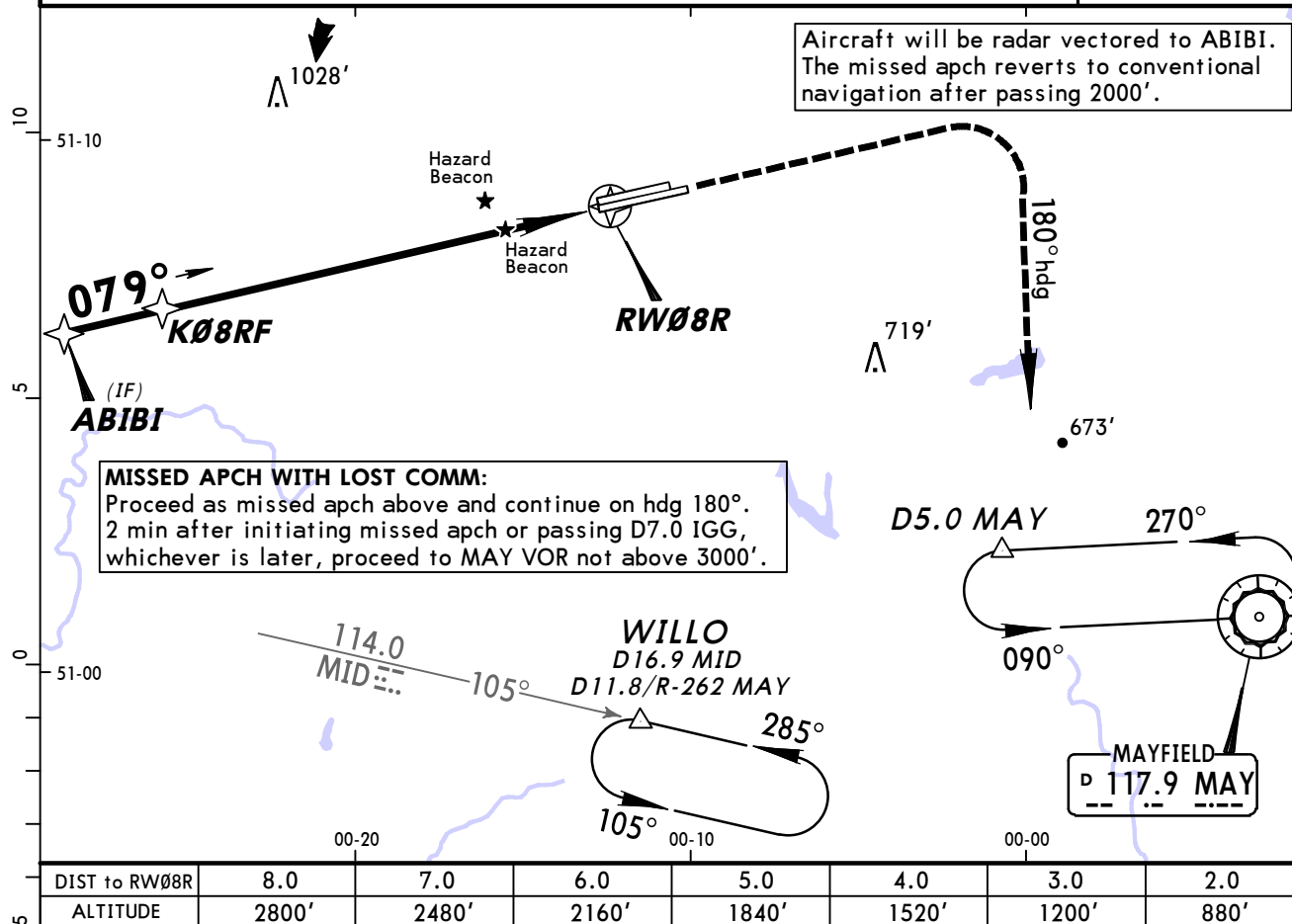
Gnd speed-Kts	70	90	100	120	140	160		2000' ↑
Descent Angle	3.00°	372	478	531	637	743		
MAP at RW08L								

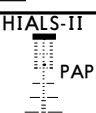
Standard				STRAIGHT-IN LANDING RWY 08L				CIRCLE-TO-LAND			
LNAV/VNAV		LNAV		LNAV/VNAV		LNAV		LNAV/VNAV		LNAV	
DA(H) 850' (655')		DA(H) 850' (655')		DA(H) 850' (655')		DA(H) 850' (655')		DA(H) 850' (655')		DA(H) 850' (655')	
ALS out		ALS out		ALS out		ALS out		ALS out		ALS out	
A	RVR 1500m										
B	RVR 1500m										
C	CMV 2400m										
D	CMV 2400m										

BRIEFING STRIP™

D-ATIS		GATWICK Director (APP/R)		GATWICK Tower		*Ground	
136.52		126.82		124.22		121.8	
RNAV	Final Apch Crs 079°	Minimum Alt K08RF 3000' (2804')	LNAV/VNAV DA(H) 700' (504')	Apt Elev 203' RWY196'			
MISSED APCH: Climb to 3000' - STRAIGHT AHEAD until passing 2000' or 1NM inbound RW08R whichever is later, then turn RIGHT onto hdg 180°, then as directed.							
Alt Set: hPa Rwy Elev: 7 hPa Trans level: By ATC Trans alt: 6000'							
1. In the event of radio communication failure follow conventional arrival procedures to establish on final approach course. 2. Pilots should request RNAV approach on first contact with Director. 3. Minimum temperature -10°C.							

MSA
ARP

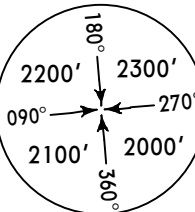


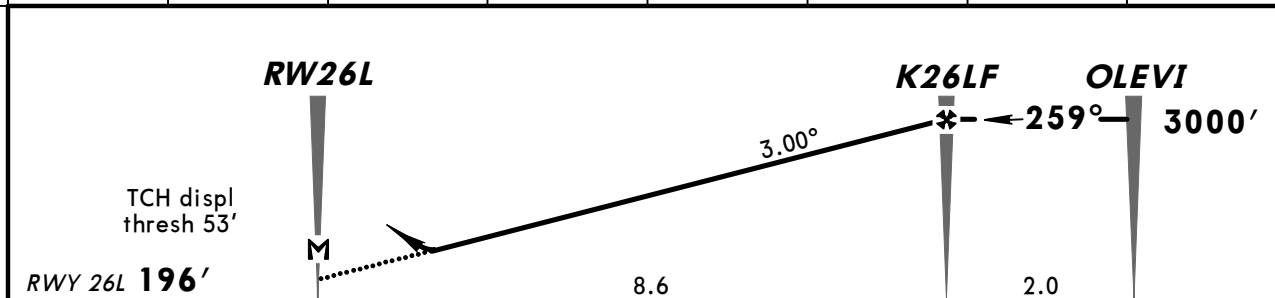
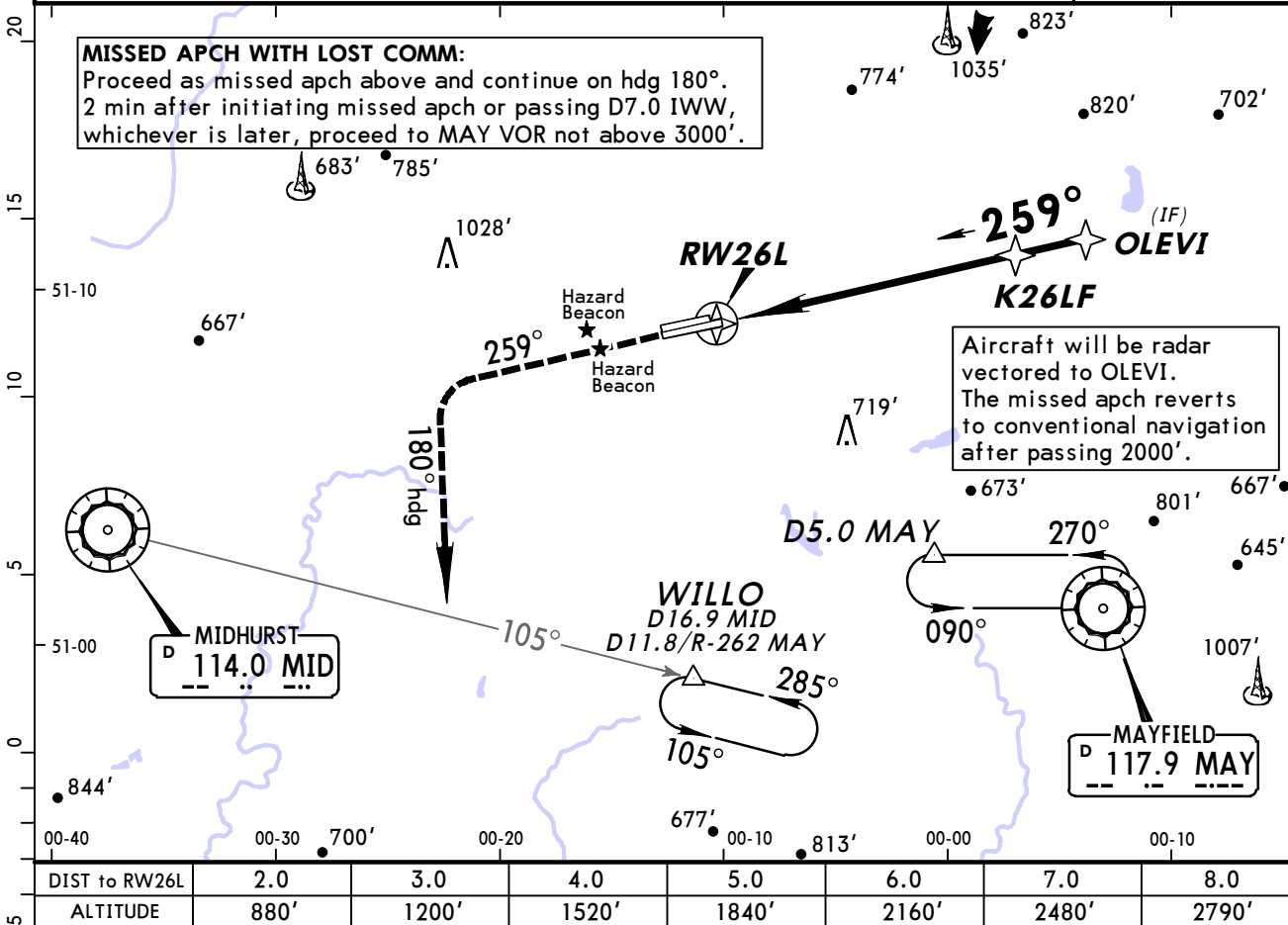
Gnd speed-Kts	70	90	100	120	140	160		2000' ↑
Descent Angle	3.00°	372	478	531	637	743		
MAP at RW08R								

STRAIGHT-IN LANDING RWY 08R				CIRCLE-TO-LAND	
LNAV/VNAV DA(H) 700' (504')		LNAV DA(H) 740' (544')		Max Kts	MDA(H) VIS
ALS out		ALS out		100	800' (597') 1500m
RVR 1500m		RVR 1500m		135	800' (597') 1600m
RVR 1600m CMV 2400m		RVR 1800m CMV 2400m		180	970' (767') 2400m
				205	1120' (917') 3600m

™

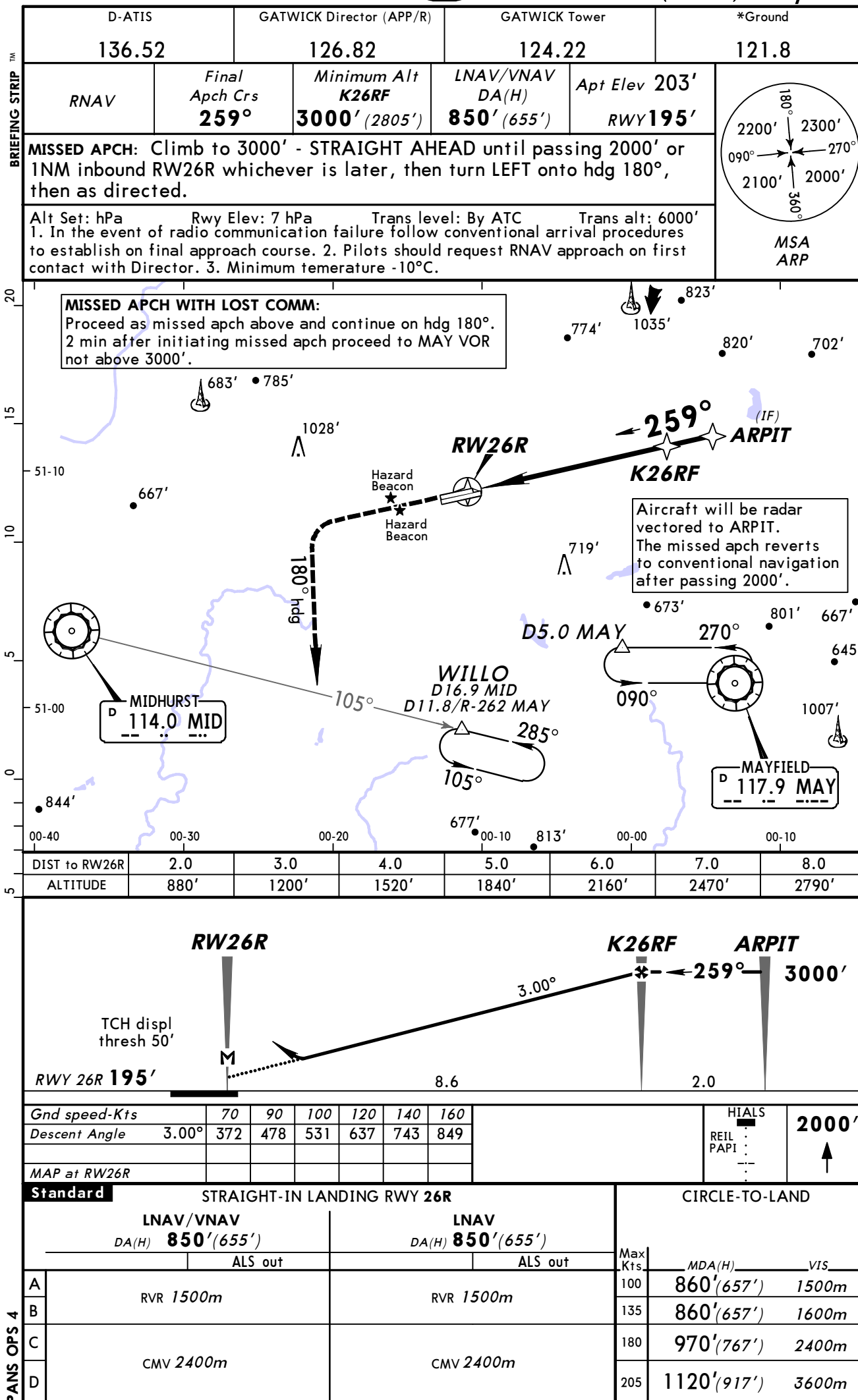
BRIEFING STRIP

D-ATIS		GATWICK Director (APP/R)		GATWICK Tower		*Ground	
136.52		126.82		124.22		121.8	
RNAV	Final Apch Crs 259°	Minimum Alt K26LF 3000' (2804')	LNAV/VNAV DA(H) 580' (384')	Apt Elev 203' RWY196'			
MISSED APCH: Climb to 3000' - STRAIGHT AHEAD until passing 2000' or 1NM inbound RW26L whichever is later, then turn LEFT onto hdg 180°, then as directed.							
Alt Set: hPa Rwy Elev: 7 hPa Trans level: By ATC Trans alt: 6000' 1. In the event of radio communication failure follow conventional arrival procedures to establish on final approach course. 2. Pilots should request RNAV approach on first contact with Director. 3. Minimum temperature -10°C.							



								HIALS-II		2000'
Gnd speed-Kts	70	90	100	120	140	160	PAPI			
Descent Angle 3.00°	372	478	531	637	743	849				
MAP at RW26L										

Standard		STRAIGHT-IN LANDING RWY 26L				CIRCLE-TO-LAND		
		LNAV/VNAV DA(H) 580'(384')		LNAV DA(H) 590'(394')				
		ALS out		ALS out		Max Kts	MDA(H)	VIS
A	RVR 1100m	RVR 1500m		RVR 1500m		100	800'(597')	1500m
B						135	800'(597')	1600m
C		RVR 1800m		RVR 1800m		180	970'(767')	2400m
D						205	1120'(917')	3600m



BRIEFING STRIP™

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1 After SRA 08L/26R apch: MDA(H) 840' (637'), VIS 3100. After SRA 08R apch: VIS 2700.
2 After SRA 08L/26R apch: VIS 3300. After SRA 08R apch: VIS 2900.

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Chart changes since cycle 26-2013

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
LONDON, (GATWICK - EGKK)				
REV	BIG 1X RNAV DEP	20-3B	29 Nov 2013	
REV	BIG 1Z RNAV DEP	20-3C	29 Nov 2013	
REV	BOGNA 1X RNAV DEP	20-3D	29 Nov 2013	
REV	CLN 3X RNAV DEP	20-3E	29 Nov 2013	
REV	CLN 1Z RNAV DEP	20-3F	29 Nov 2013	
REV	DAGGA 1X RNAV DEP	20-3G	29 Nov 2013	
REV	DVR 1X RNAV DEP	20-3H	29 Nov 2013	
REV	DVR 1Z RNAV DEP	20-3J	29 Nov 2013	
REV	HARDY 1X RNAV DEP	20-3K	29 Nov 2013	
REV	KENET 1X RNAV DEP	20-3L	29 Nov 2013	
REV	KENET 1Z RNAV DEP	20-3M	29 Nov 2013	
REV	LAM 1X RNAV DEP	20-3N	29 Nov 2013	
REV	LAM 1Z RNAV DEP	20-3P	29 Nov 2013	
REV	SAM 1X RNAV DEP	20-3Q	29 Nov 2013	
REV	SAM 3Z RNAV DEP	20-3S	29 Nov 2013	
REV	SFD 1X RNAV DEP	20-3T	29 Nov 2013	
REV	SFD 4Z RNAV DEP	20-3U	29 Nov 2013	
REV	TIGER 1X RNAV DEP	20-3V	29 Nov 2013	
REV	WIZAD 1X RNAV DEP	20-3V1	29 Nov 2013	

TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport EGKK

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

WIP on Pier 1 building and its associated apron. Stands 1 thru 7 and 9 closed. Coaching Gate 10A remains available. Refer to latest NOTAMs.

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(all SIDs) Eff 8 Mar 12, when ATC removes MAX 250 KT speed restriction below FL100 by the phrase 'No ATC speed restriction', this must not be interpreted as removing the responsibility to adhere to any speed/power limitations due to noise abatement procedures. If a pilot can anticipate to be unable to comply with speed restriction, state minimum speed acceptable when requesting start-up.