

ARP WGS-84
46° 13' 09" N / 007° 19' 37" E
1582

007° 19' 40" 007° 20' 00"

007° 19' 20" 007° 19' 00"

007° 19' 20" 007° 20' 00"

Surface	
Apron	CONC / ASPH
TWY	CONC / ASPH

For OBST see AIP LSGS AD 2.10

RWY LGT	ALS	RTHL	RTIL	VASIS	RTZL	RCLL	REDL	Y CZ	RENL
07	SALS 540 m	✓	✓	PAPI 4.0° MEHT 12.33 m	-	-	✓	600 m	✓
25	SALS 540 m	✓	✓	PAPI 4.0° MEHT 12.12 m	-	-	✓	600 m	✓

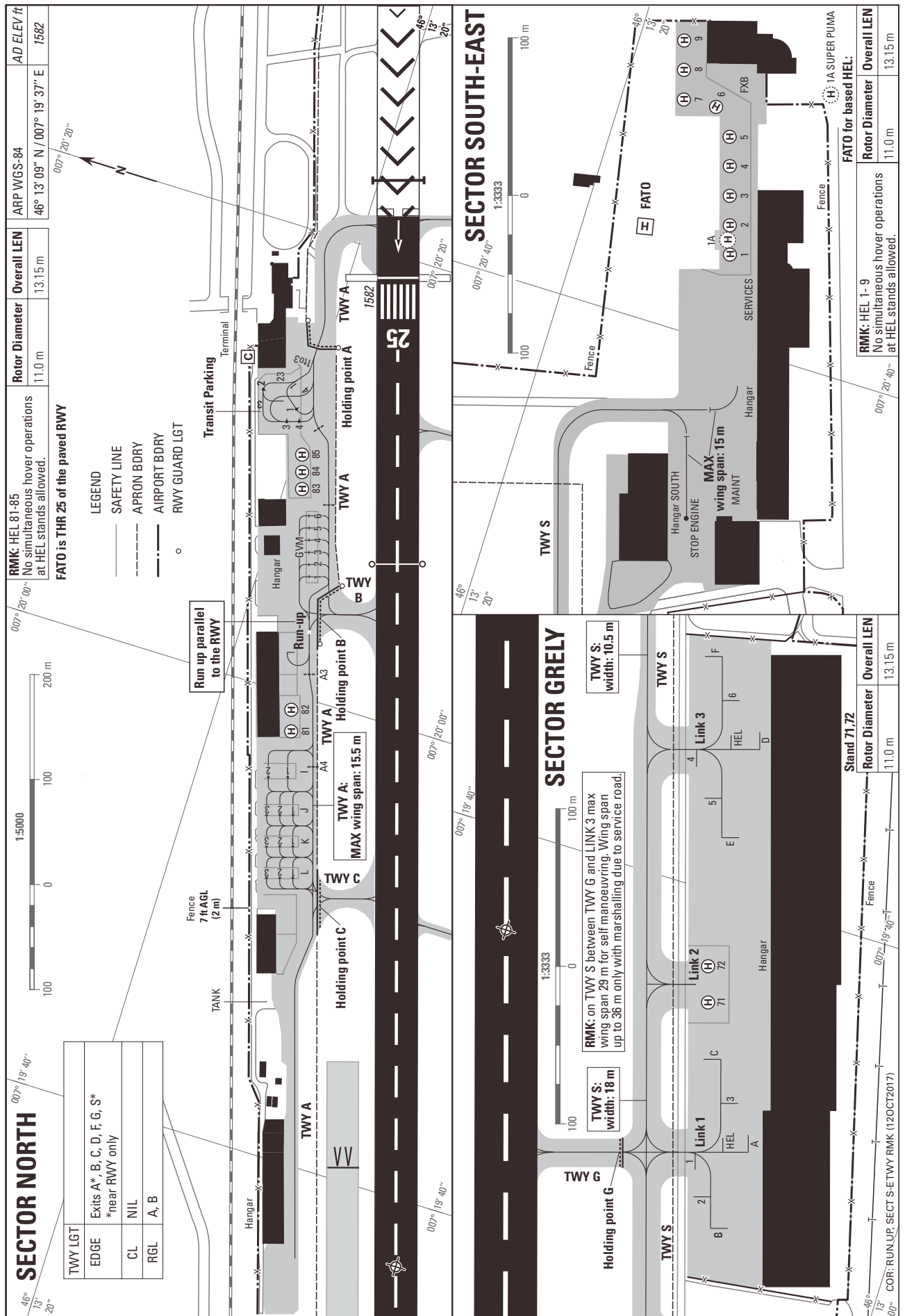
TWY LGT	
EDGE	Exits A*, B, C, D, F, G, S* *near RWY only
CL	NIL
RGL	A, B

RMK:
ACFT more than 30m wing span
EXIT via TWY S or back track via TWY G.

RMK:
On TWY G, ACFT with outer main gear wheel span >5 m shall taxi with the oversteering technique due to insufficient wheel clearance to taxiway edge.

46° 13' 00" 007° 19' 20" 007° 20' 00" 007° 19' 00" 007° 19' 20" 007° 20' 00"

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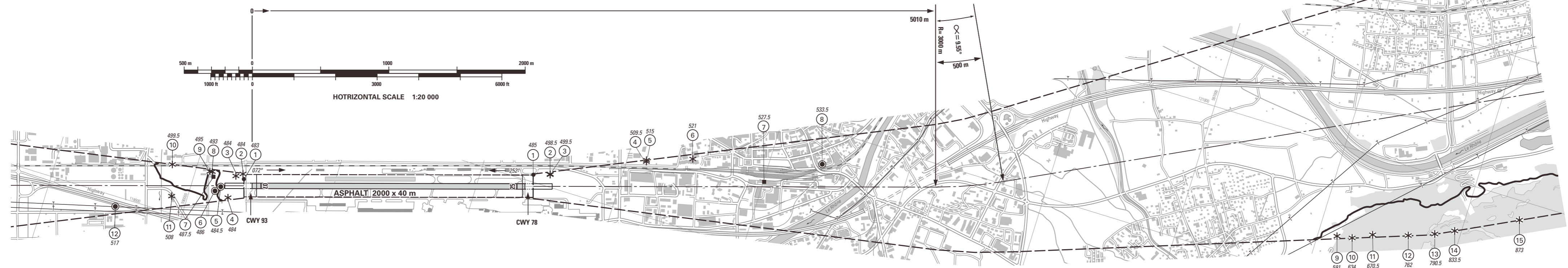
VAR 1° E (2011)

Profile view see LSGS AD 2.24.4-2

RWY: 07-25

RWY 07	DECLARED DISTANCES in m	RWY 25
1982	TAKE-OFF RUN AVAILABLE	1967
2060	TAKE-OFF DISTANCE AVAILABLE	2060
1982	ACCELERATE STOP DISTANCE AVAILABLE	1967
1917	LANDING DISTANCE AVAILABLE	1907

RMK: These DECL DIST are the MAX lengths with MIL net barrier lowered O/R. See LSGS AD 2.13 for all DECL DIST.



AMDT RECORD		
No.	DATE	ENTERED BY

LEGEND	
①	Identification number
*	Tree, shrub
●	Pole, tower, spire, antenna, etc.
■	Building, large structure
•	Enclosure
—+—	Transmission line, overhead cable
⤴	Terrain penetrating obstacle plane

OBST ELEV in m
AD ELEV in m

ORDER OF ACCURACY ACCORDING TO ICAO REQUIREMENTS

COR: Declared distances, CWY, RMK (WEF 08DEC2016)

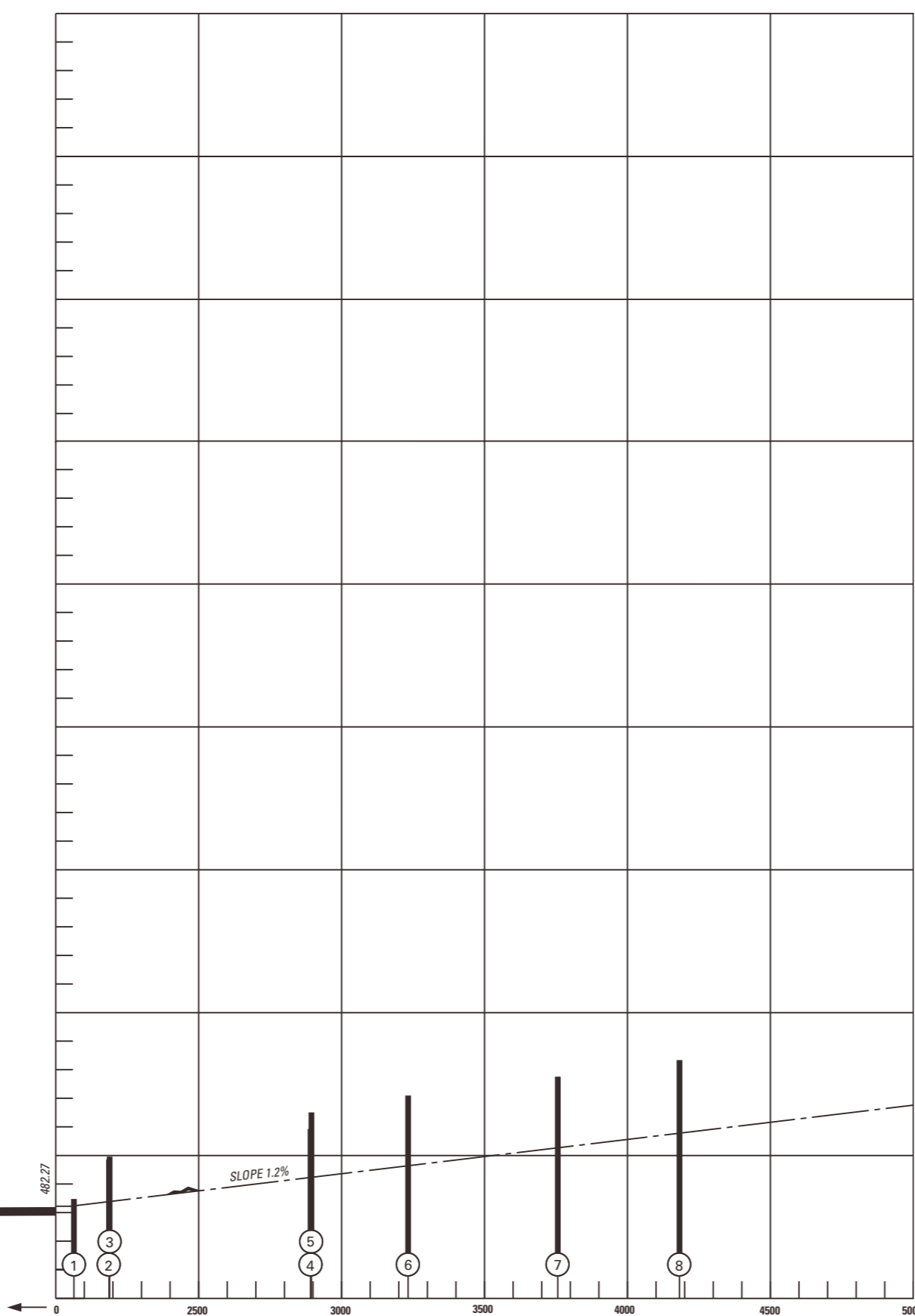
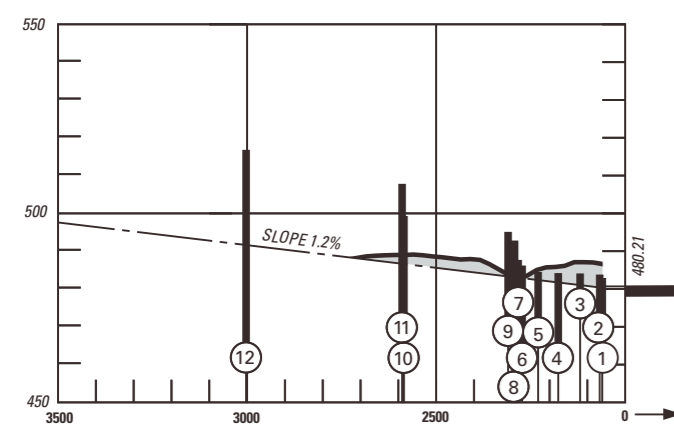
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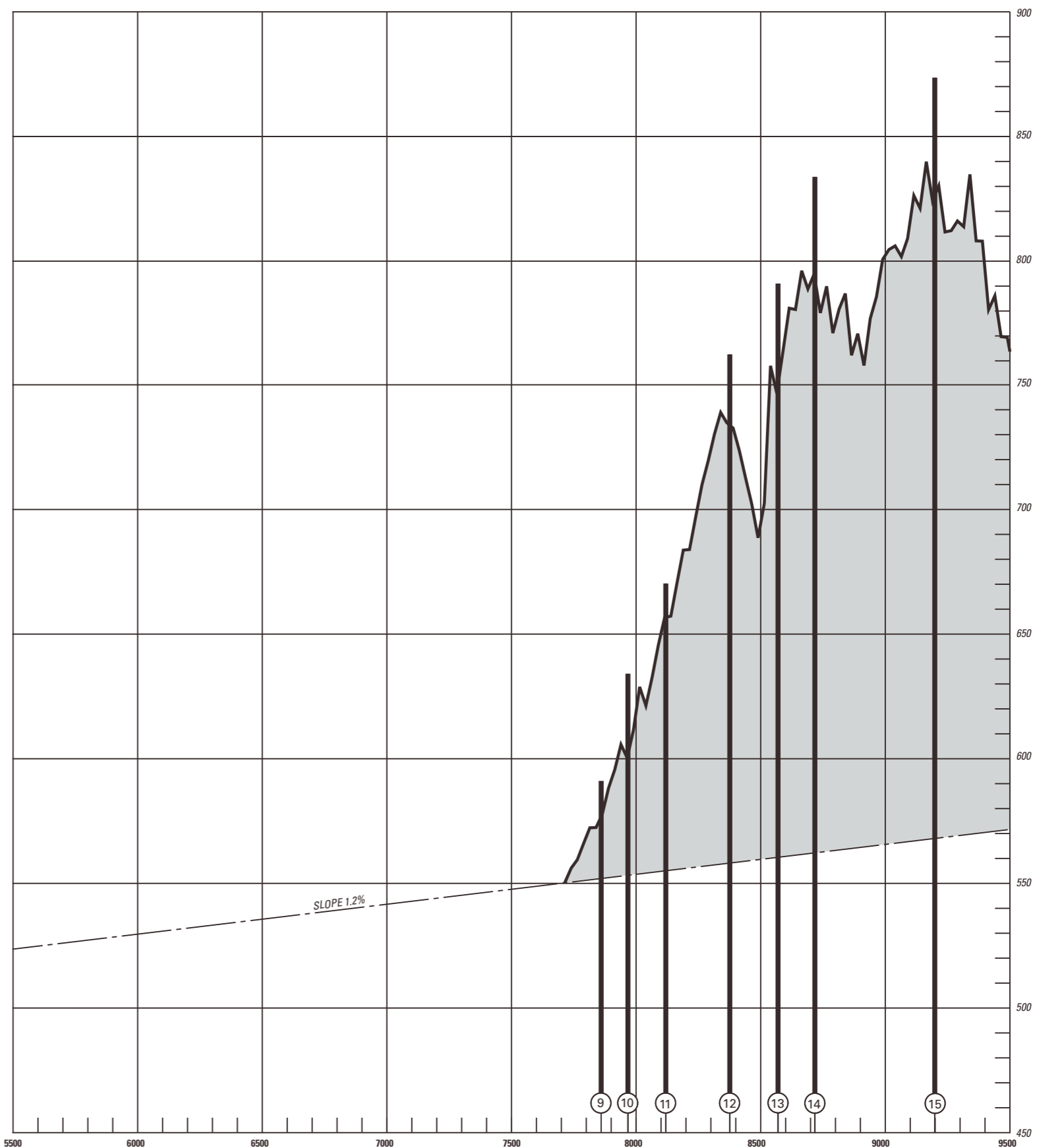
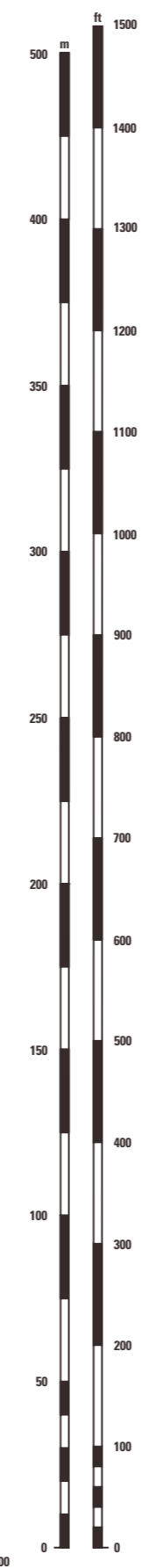
Plan view see LSGS AD 2.24.4-1

PROFILE RWY: 07-25

- ① Identification number
- ▬ Terrain penetrating obstacle plane



VERTICAL SCALE
1 : 2000



COR: THR ELEV (WFO 08DEC2016)

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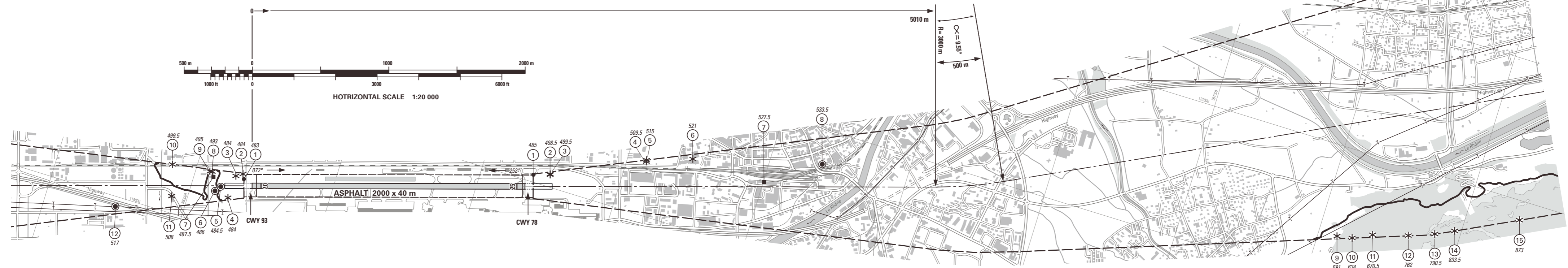
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AMDT RECORD		
No.	DATE	ENTERED BY

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OBST ELEV in m
AD ELEV in m
ORDER OF ACCURACY ACCORDING TO ICAO REQUIREMENTS


COR: Declared distances, CWY, RMK (WEF 08DEC2016)

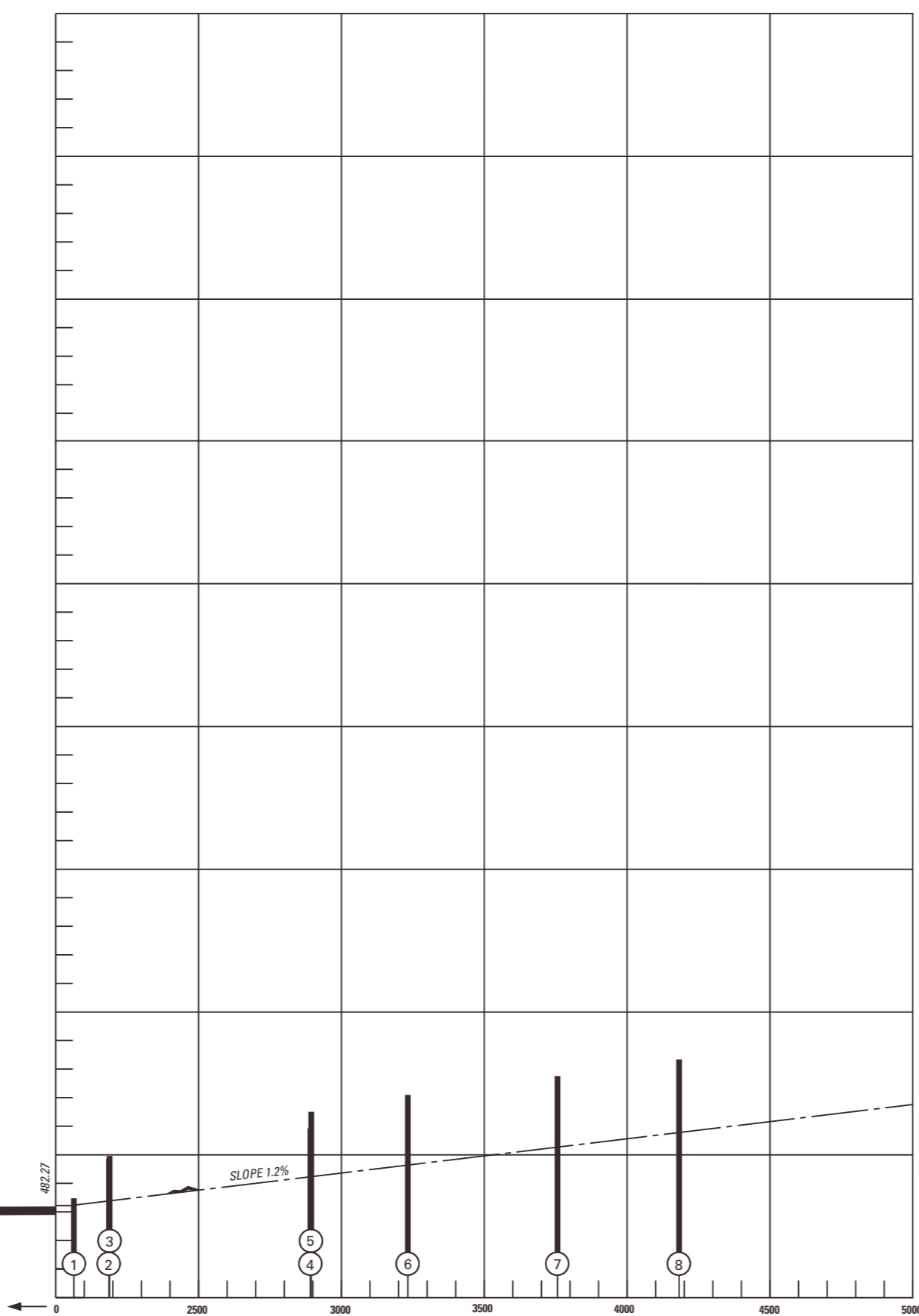
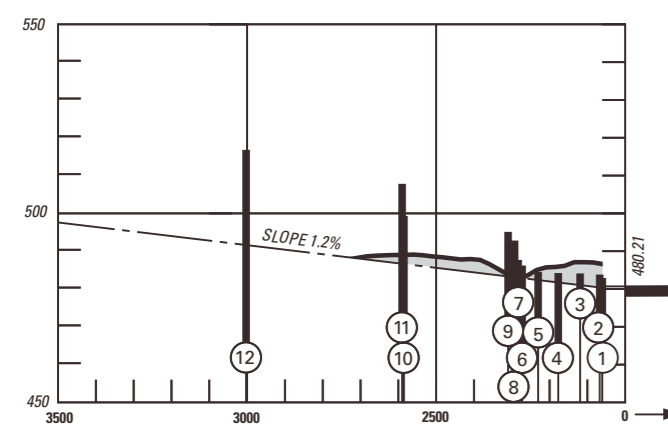
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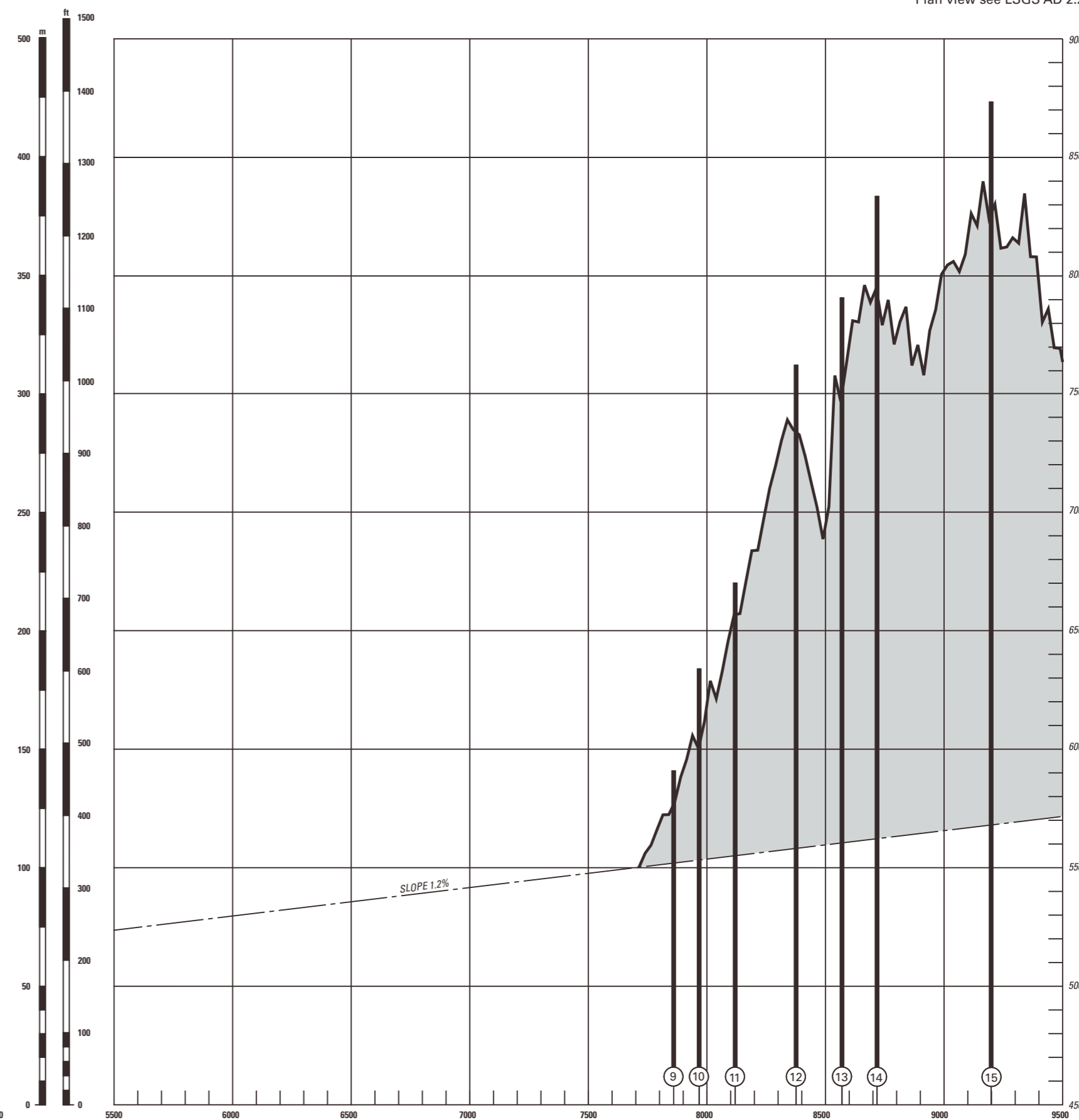
Plan view see LSGS AD 2.24.4-1

PROFILE RWY: 07-25

① Identification number
 Terrain penetrating obstacle plane



VERTICAL SCALE
1 : 2000



COR: THR ELEV (WFF 08DEC2016)

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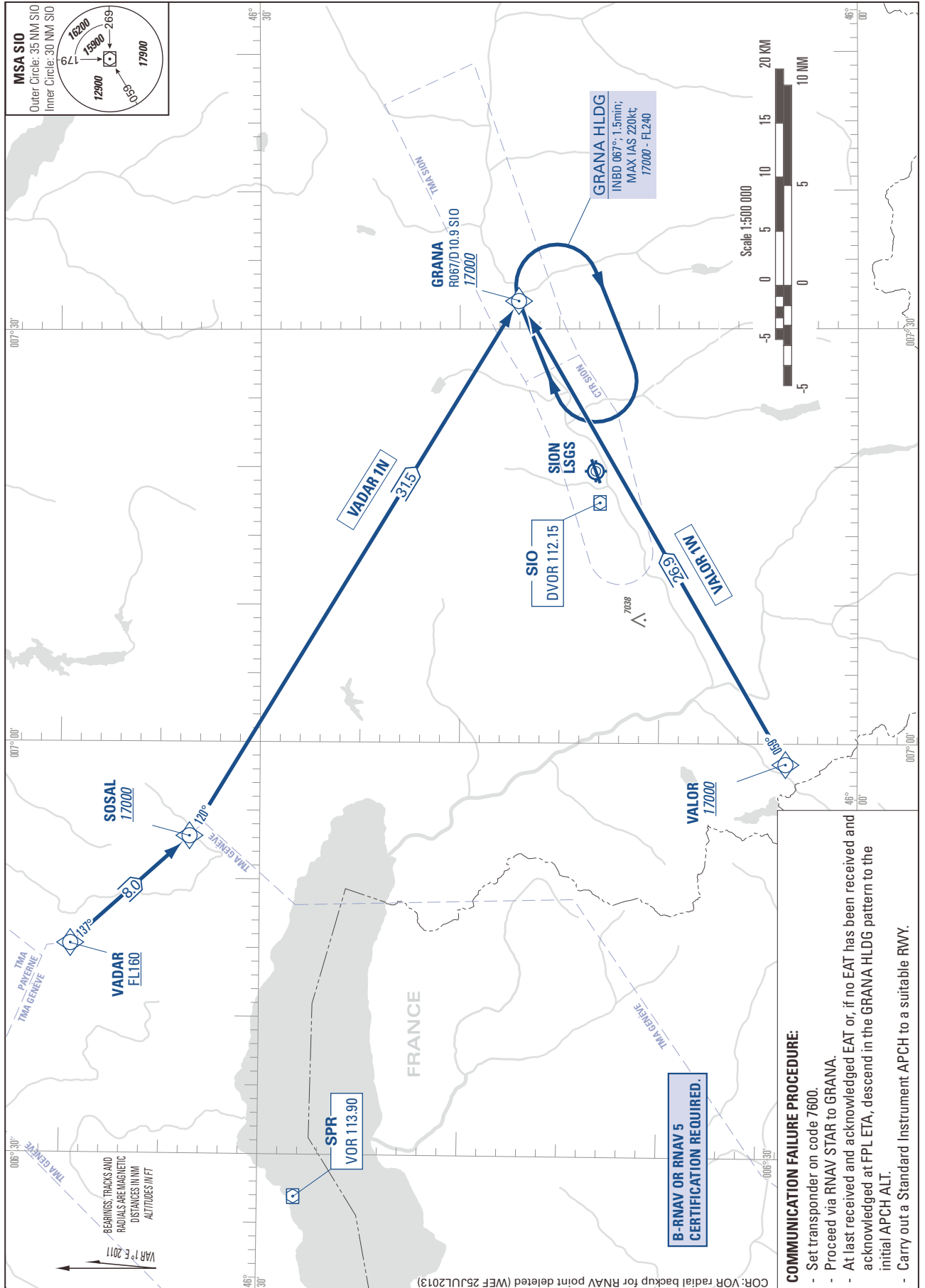
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STANDARD INSTRUMENT ARRIVAL CHART
(STAR) - ICAO

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

SION LSGS
STARTO GRANA - RNAV 5
(DME/DME or GNSS)



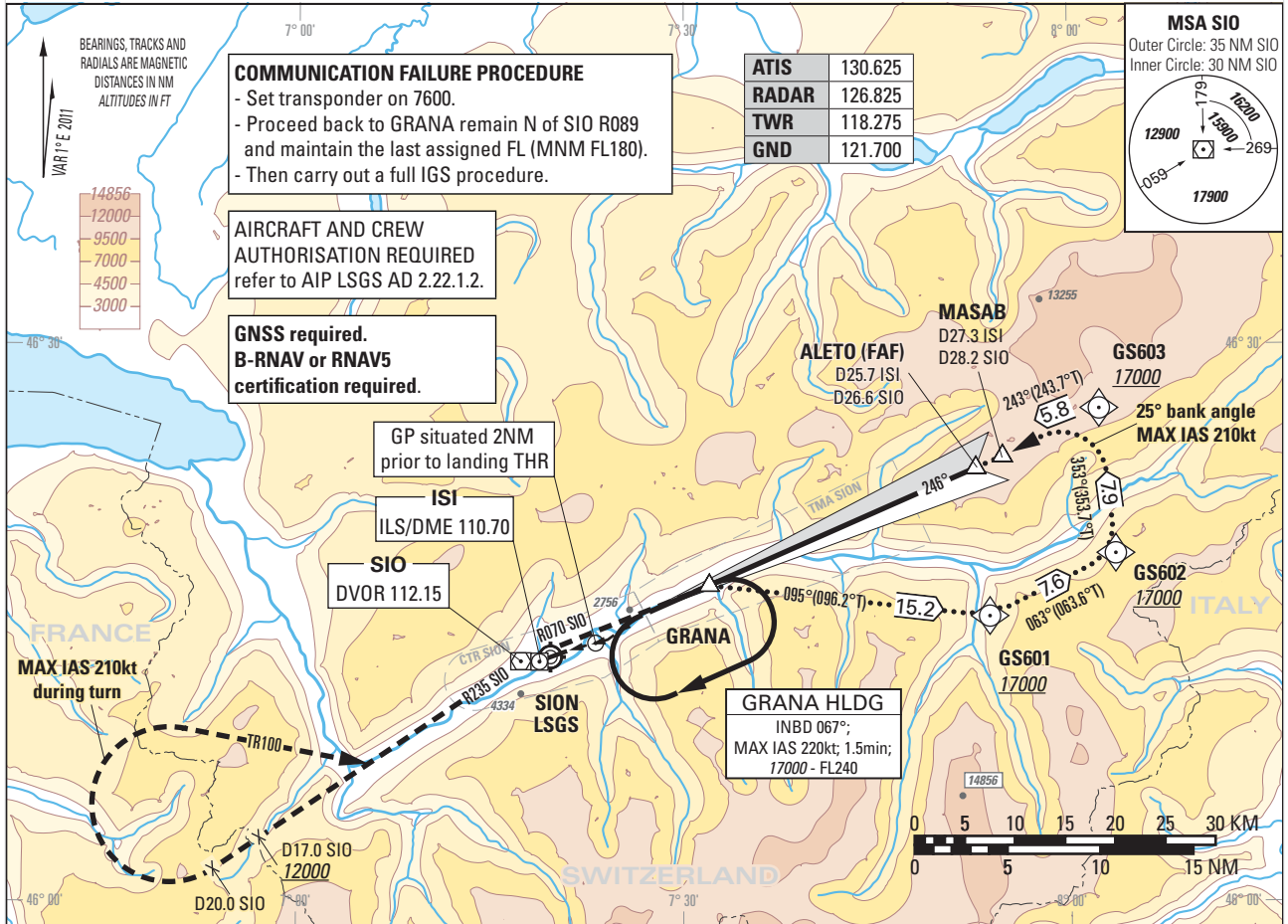
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Instrument Approach Chart
(IAC) - ICAO
(IGS instruction: see LSGS AD 2.22)

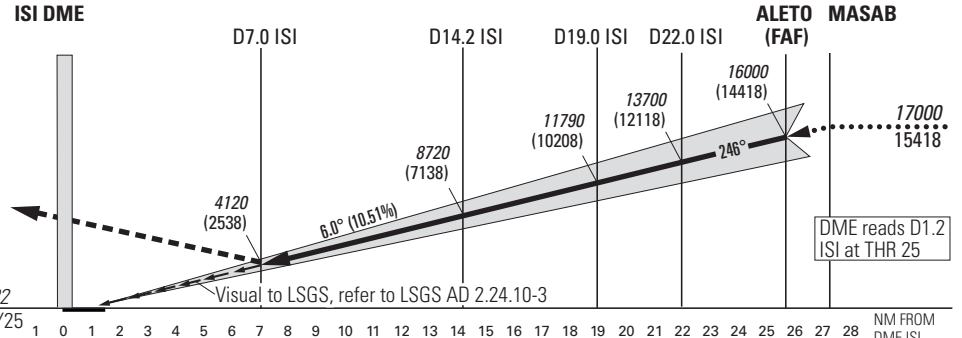
AD ELEV 1582ft

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

SION LSGS
IGS RWY 25 (ACFT CAT A/B/C)
GLIDE PATH 6.0°, VISUAL PART 4.0°



MISSED APPROACH
Climb initially on LOC course 246°. At D7.0 ISI proceed on TR246. When passing D5.5 SIO, intercept R070 SIO to SIO. Leave SIO on R235, at D20.0 SIO turn right (max IAS 210kt during turn), establish TR100 to intercept R235 SIO INBD SIO. Proceed via SIO to GRANA. Climb to 17000. Cross D17.0 SIO at 12000 or above. GRANA at 17000.



Missed APCH climb gradient requirement	STRAIGHT-IN APPROACH			VIS m	
	A	B	C		
2.5%	6550 (4970) ¹⁾			5000	
3.0%	6110 (4530) ¹⁾				
3.5%	5670 (4090) ¹⁾				
4.0%	5230 (3650) ¹⁾				
4.5%	4790 (3210) ¹⁾				
5.0%	4350 (2770) ¹⁾				
5.5%	4120 (2540) ¹⁾				
Circling north of AD only ^{1) 2) 3)}	3700	5400	5400	5000	
ROD	GS kt	90	110	130	150
	FT/MIN	958	1171	1384	1597

DIST ISI	7	8	9	10	12	14	16
DIST THR	5.8	6.8	7.8	8.8	10.8	12.8	14.8
ALT FT	4020	4660	5300	5930	7210	8490	9770
DIST ISI	18	20	22	24	25	25.7	27.3
DIST THR	16.8	18.8	20.8	22.8	23.8	24.5	26.1
ALT FT	11040	17320	13700	14870	15510	15960	16980

REMARK
- APCH PROHIBITED IF GP U/S.
- Table for temperature deviation from ISA. See LSGS AD 2.23.2.
- Final approach offset 7° from RWY centerline.
- If unable to comply with MNM HLDG speed, inform ATC.

CAUTION
- This is not a standard approach angle.
- VSS (Visual Segment Surface) not free of OBST (see Visual Chart).

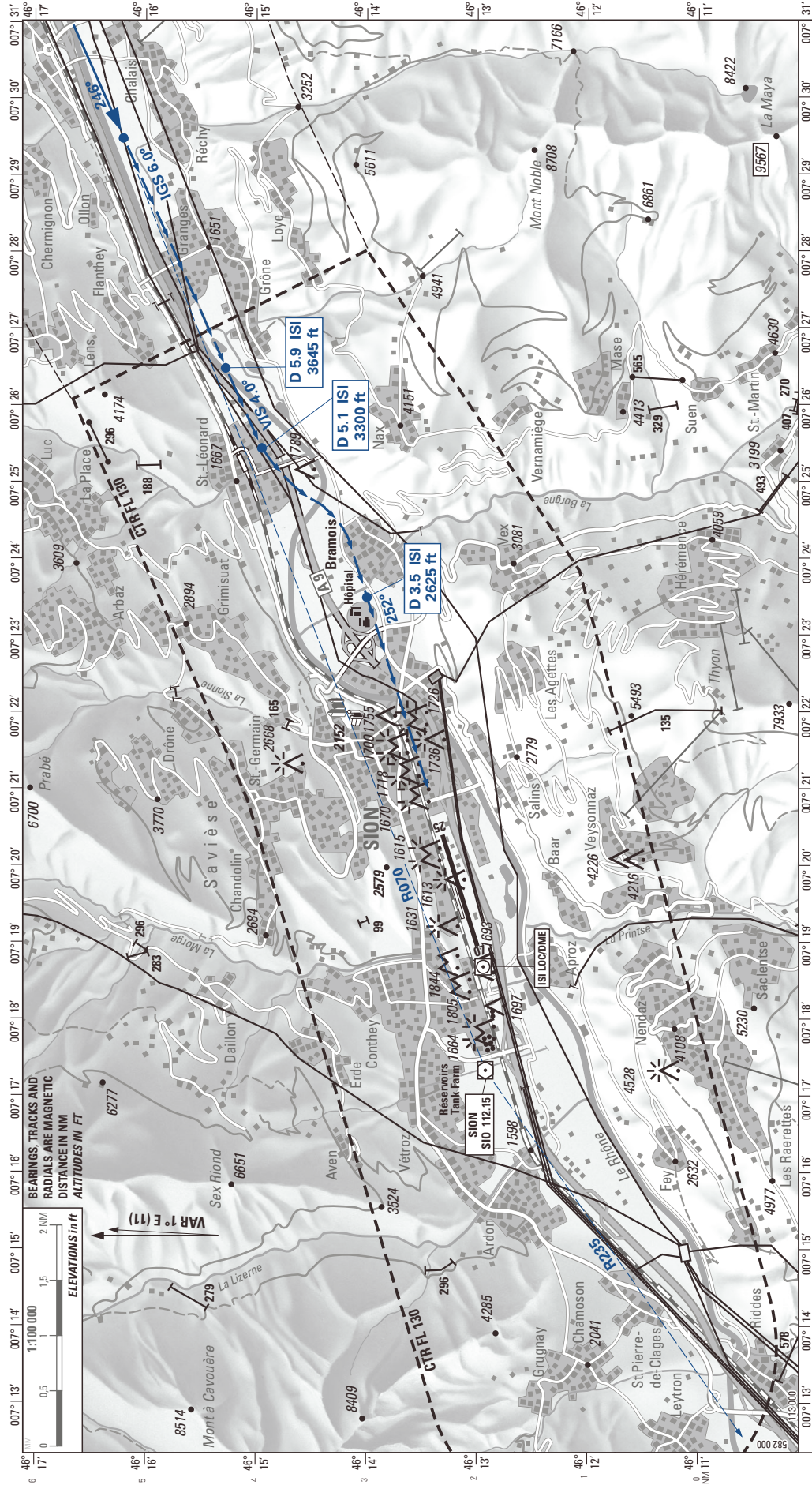
NOTE
¹⁾ Special training required.
²⁾ Night circling prohibited.
³⁾ ACFT categories A, B and C with max circling speed «CAT B».

COR: NOTE ³⁾ (WEF 12OCT2017)

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IGS RWY 25 VIS APCH

SION



RMK: PAPI RWY 25 4.0° light beam is offset 5° north from runway axis.

CTN: ICAO obstacle protection surface and PAPI light beam are penetrated by topography starting east of Bramois village (D4.0 ISI).

NOTE: The altitudes along the visual approach track are for pilots guidance only.

They are calculated with distance and approach angle (4.0°) and do not grant any terrain clearance according to PANS OPS.
LOC information unreliable between D0 ISI and D7 ISI,
use DME information only.

COR: Adjusted distances to ISI. Note, new RMK and CTN, OBST (WIEF 08DEC2016)

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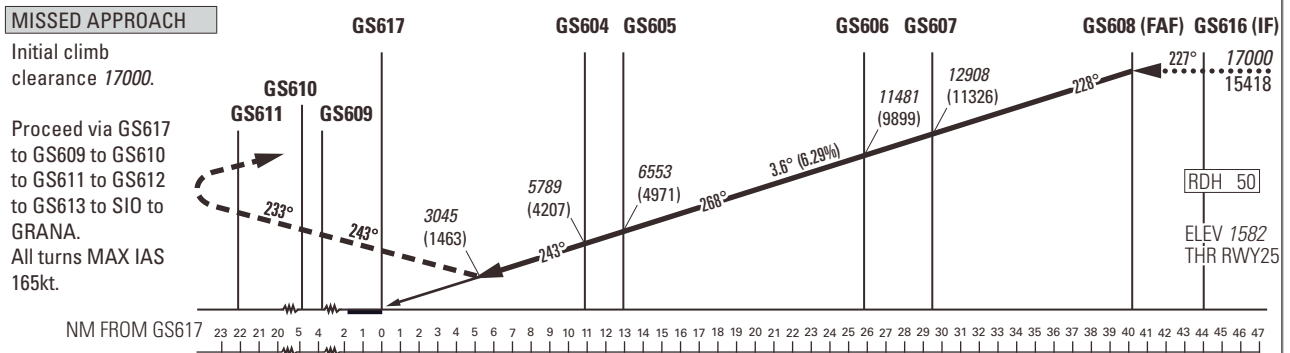
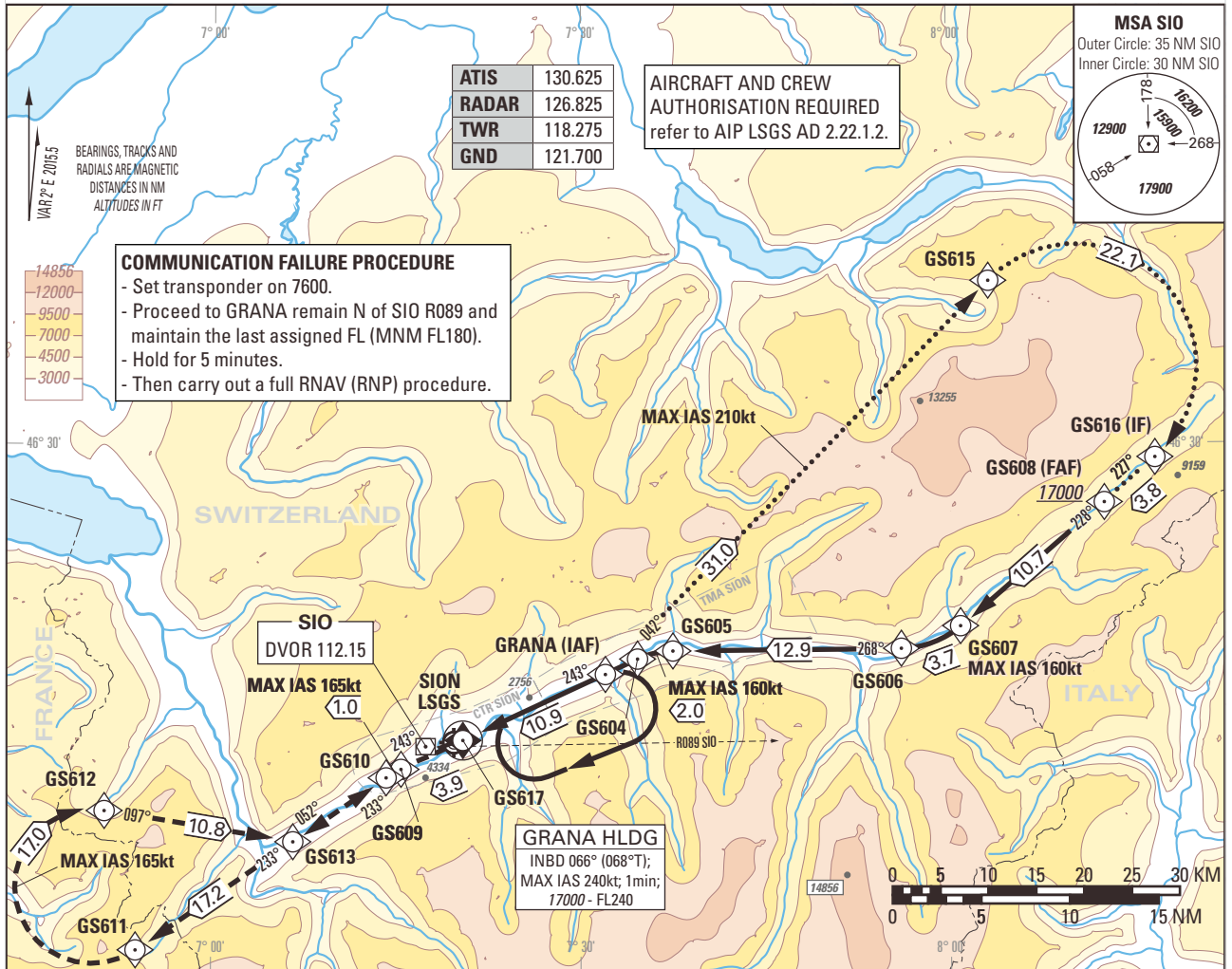
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Instrument Approach Chart
(IAC) - ICAO

AD ELEV 1582ft

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

SION LSGS
RNAV (RNP) RWY 25
ACFT CAT A/B/C



DECISION ALTITUDE (HEIGHT)	Missed APCH climb gradient requirement	STRAIGHT-IN APPROACH		
		A	B	C
RNP AR 0.3	5.0%	3045 (1463)	3058 (1476)	3071 (1489)

ROD	GS kt	80	100	120	140	160
		FT/MIN	510	640	760	890

Missed APCH WPT	GS609	GS610	GS611	GS612
recommended CROSSING ALTITUDE (HEIGHT) for Missed APCH climb gradient 5.0%	5050 (3470)	5340 (3760)	10560 (8980)	15710 (14130)

REMARK

- Approach not authorized when airport temperature below -18°C or above +37°C.
- RNP AR RDH = 50 (PAPI MEHT = 40ft).
- PAPI 4.0° not coincident with VPA.
- RNP 0.5 in Missed-Approach up to GS611.
- VSS (Visual Segment Surface) free of obstacles.

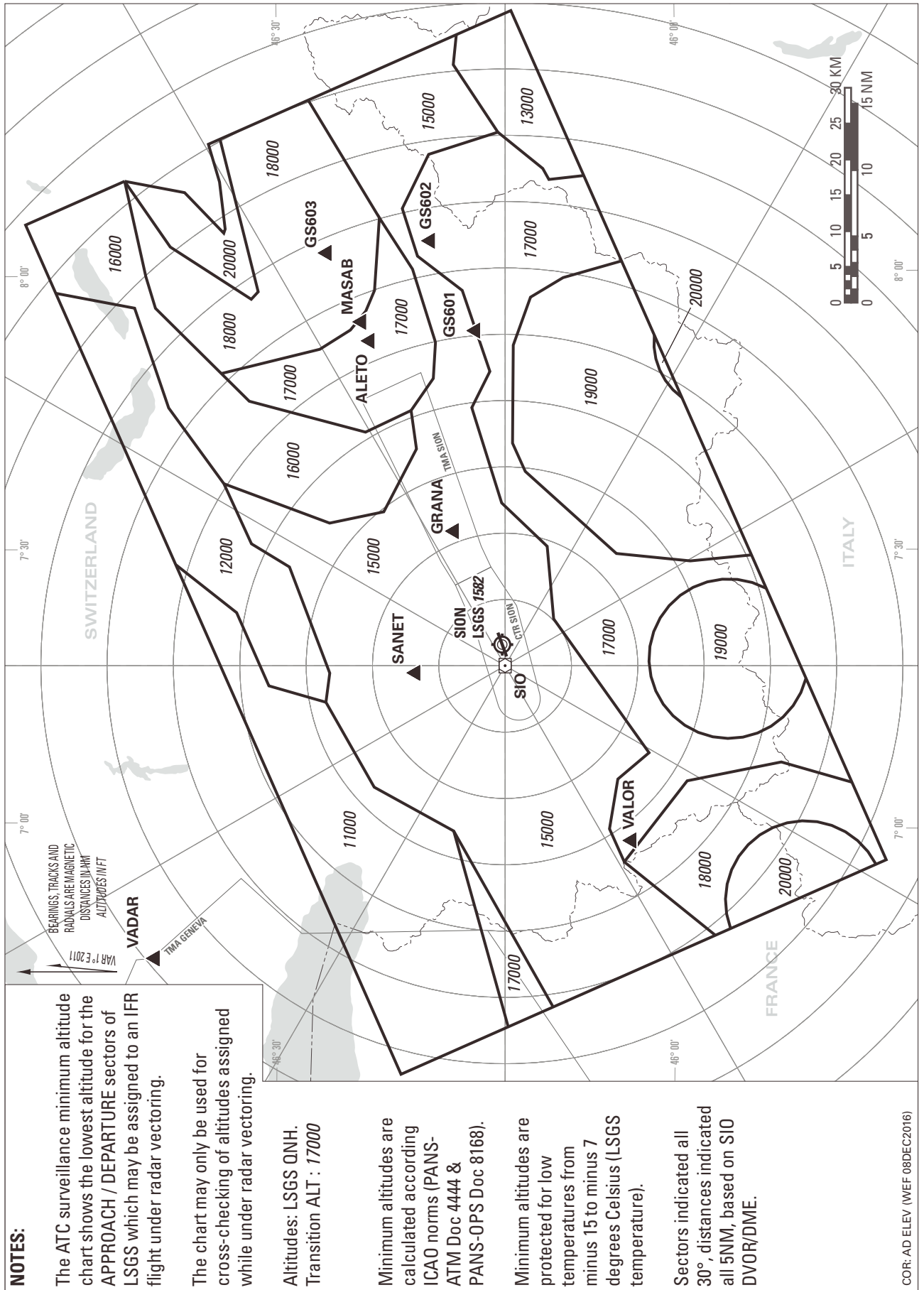
CAUTION

- On 3.6° APCH angle and GS > 150kt resulting ROD will be > 1000ft/min.

COR: AD and THR ELEV, profile, decision height, remark (WEF 08DEC2016)

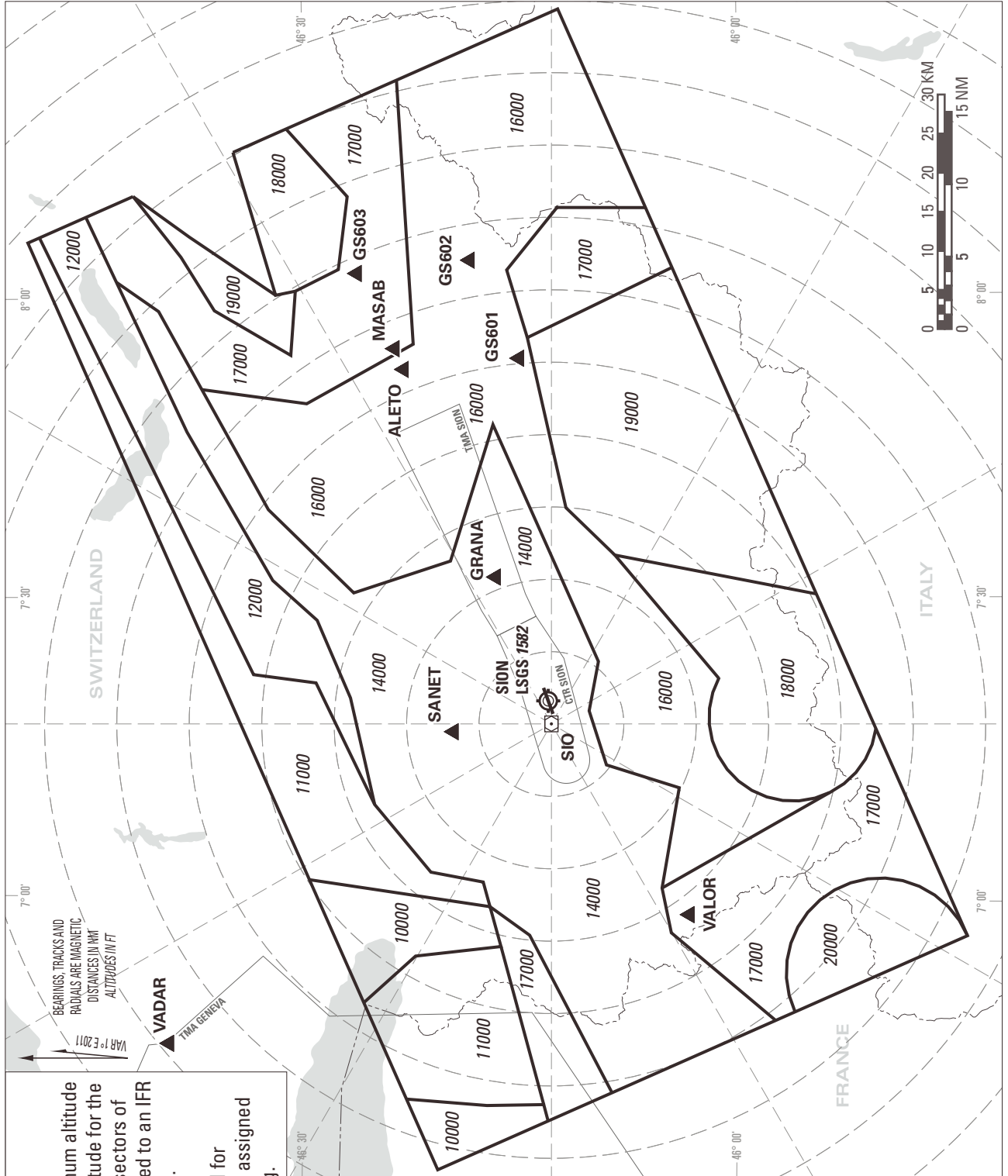
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ATC SURVEILLANCE MINIMUM ALTITUDE CHART (ADTEMPERATURES FROM -15° TO -7°C)



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ATC SURVEILLANCE MINIMUM ALTITUDE CHART (ADTEMPERATURES -6°C AND ABOVE)



NOTES:
The ATC surveillance minimum altitude chart shows the lowest altitude for the APPROACH / DEPARTURE sectors of LSGS which may be assigned to an IFR flight under radar vectoring.
The chart may only be used for cross-checking of altitudes assigned while under radar vectoring.

Altitudes: LSGS QNH.
Transition ALT : 17000

Minimum altitudes are calculated according ICAO norms (PANS-ATM Doc 4444 & PANS-OPS Doc 8168).

Minimum altitudes are protected for low temperatures to minus 6 degrees Celsius (LSGS temperature).

Sectors indicated all 30°, distances indicated all 5NM, based on SIO DVOR/DME.

COR: AD ELEV (W/E 08DEC2016)

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