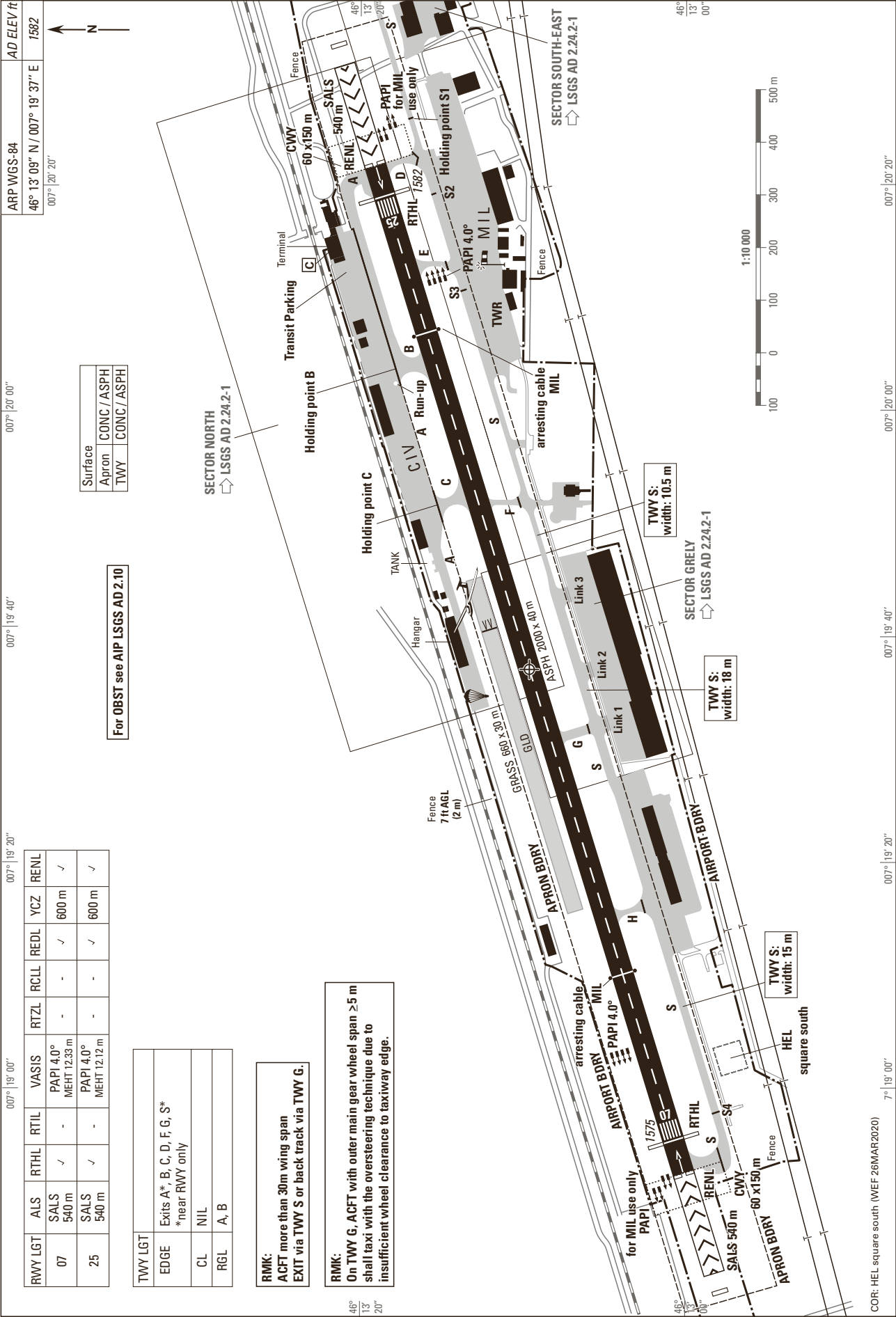
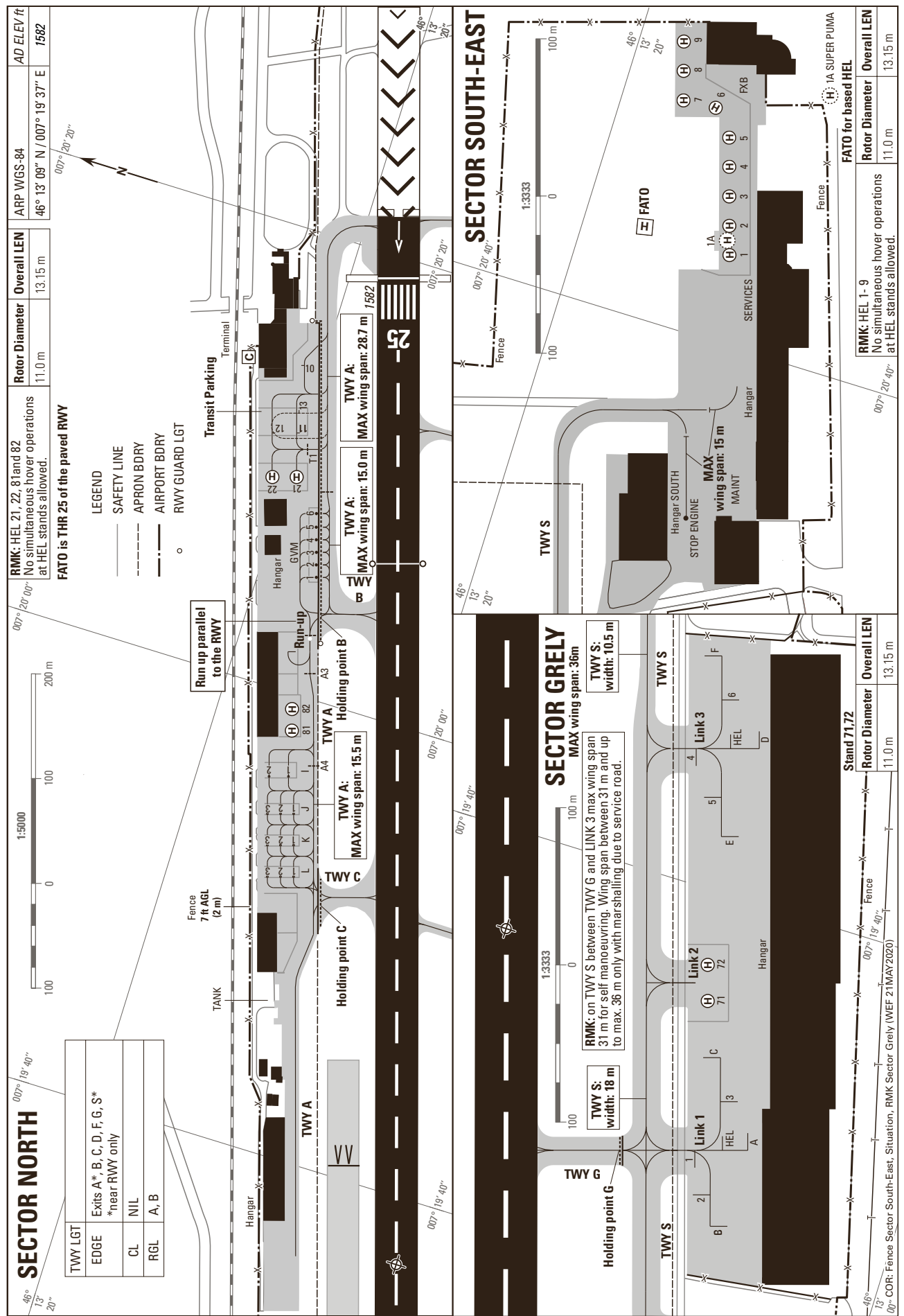




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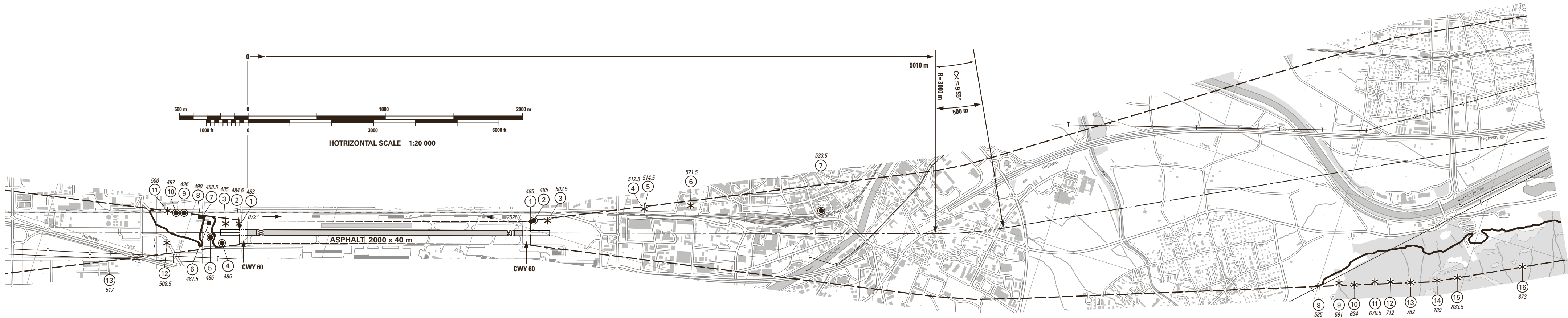
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VAR 2° E (2016.5)

Profile view see LSGS AD 2.24.4-2

RWY: 07-25

RWY 07	DECLARED DISTANCES in m	RWY 25
2000	TAKE-OFF RUN AVAILABLE	2000
2060	TAKE-OFF DISTANCE AVAILABLE	2060
2000	ACCELERATE STOP DISTANCE AVAILABLE	2000
1935	LANDING DISTANCE AVAILABLE	1940



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

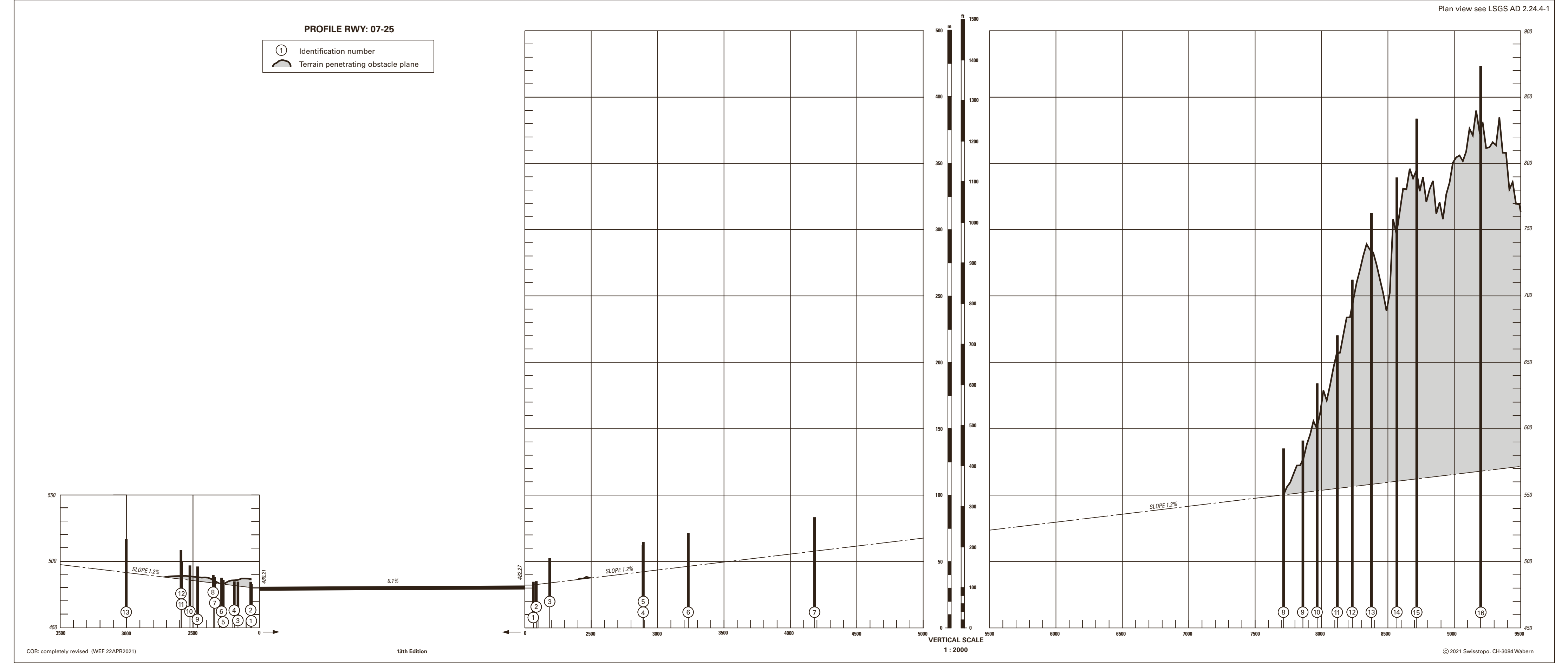
OBST ELEV in m
AD ELEV in m

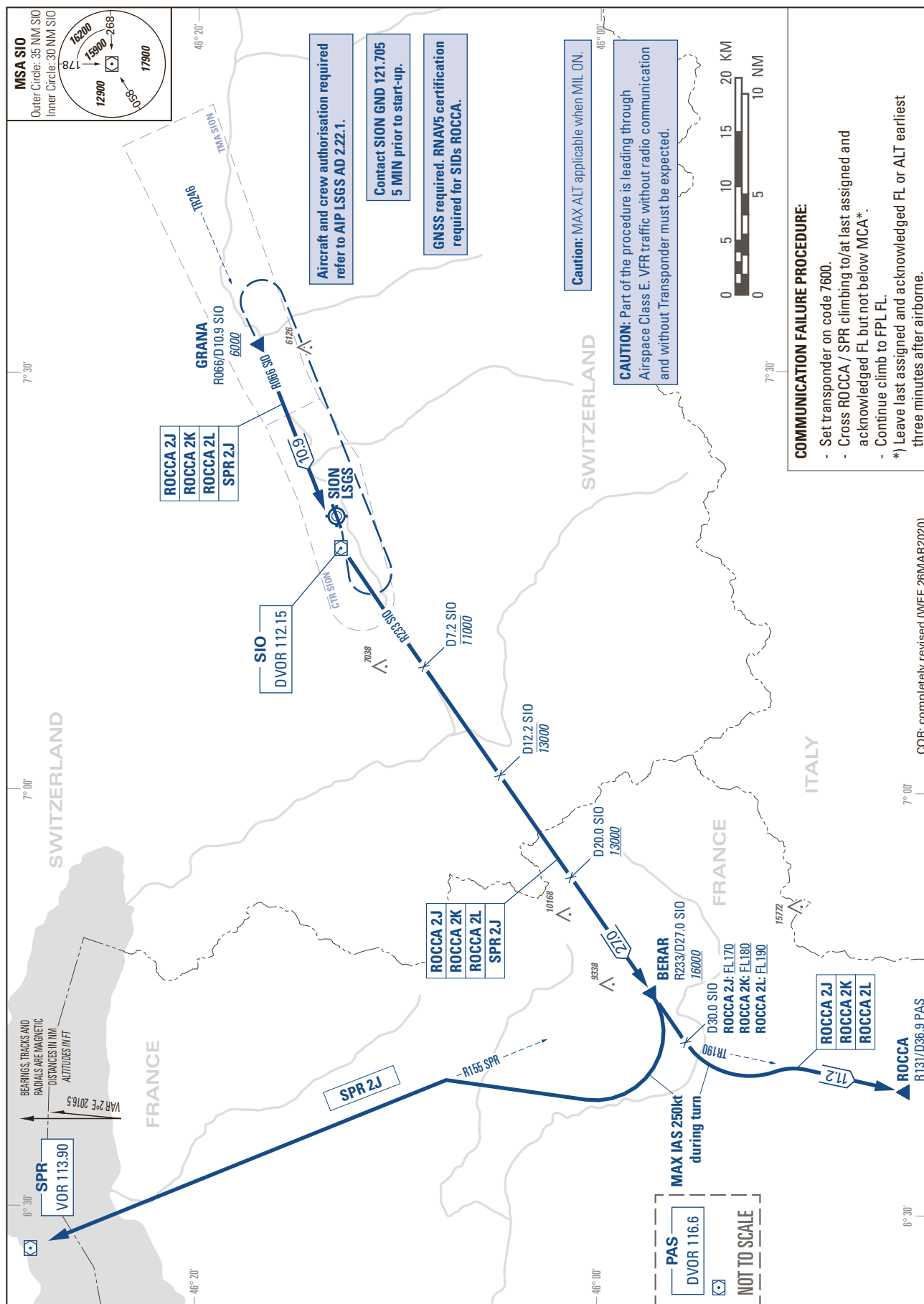
ORDER OF ACCURACY ACCORDING TO ICAO REQUIREMENTS

COR: completely revised (WEF 22APR2021)

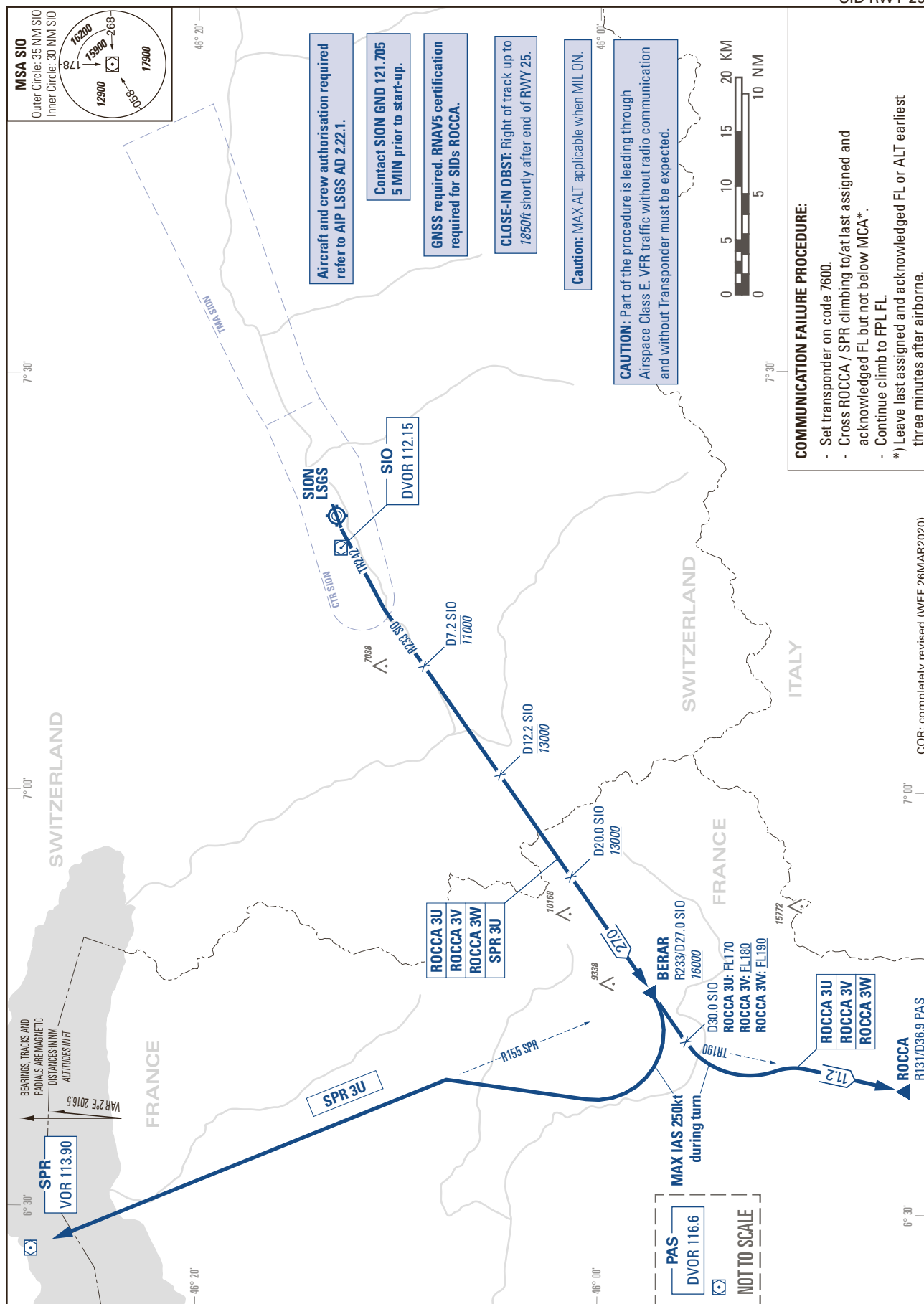
15th Edition

© 2021Swisstopo, CH-3084 Wabern

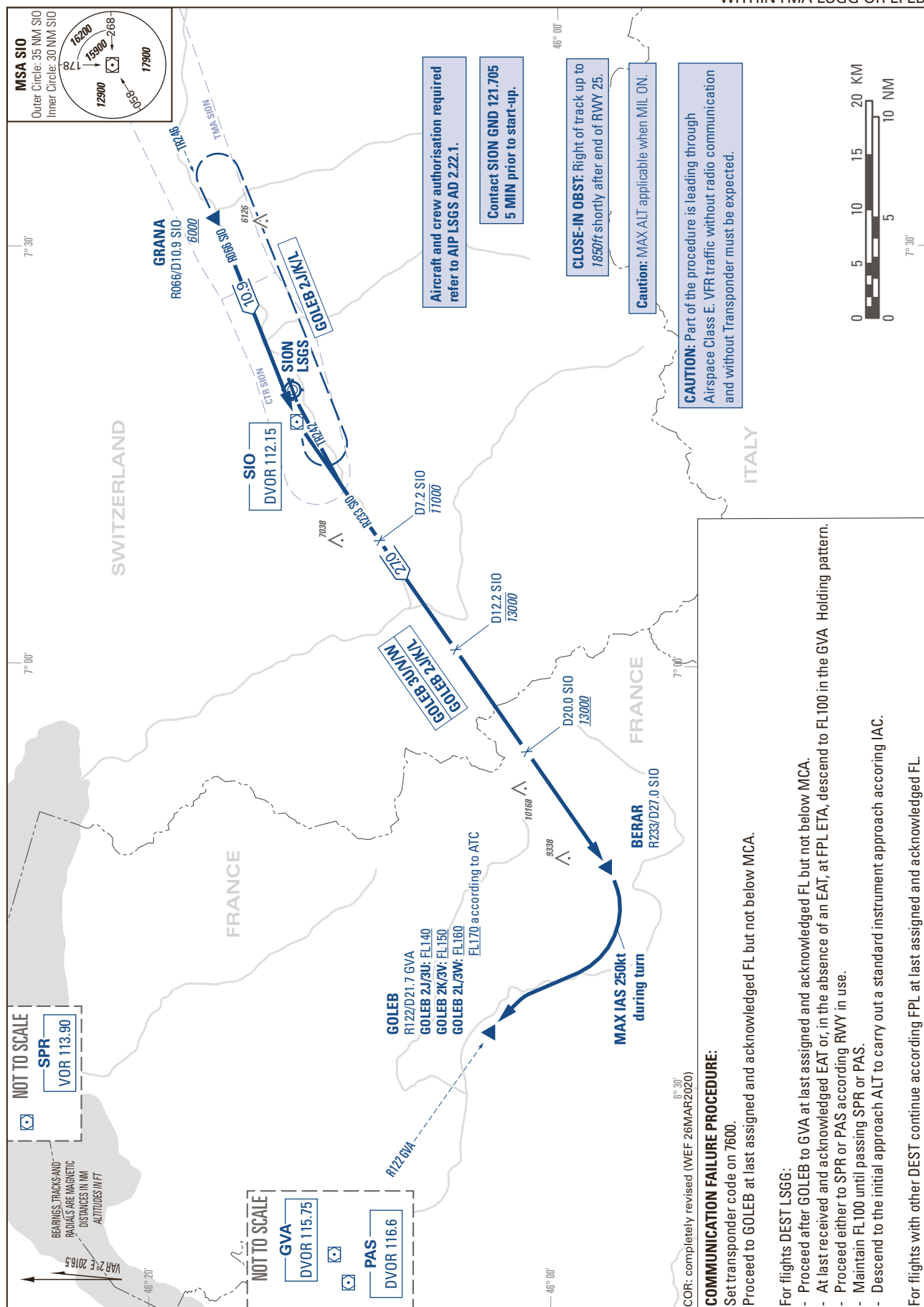


STANDARD INSTRUMENT DEPARTURE CHART
(SID) - ICAOTRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000SION LSGS
SID RWY 07/25

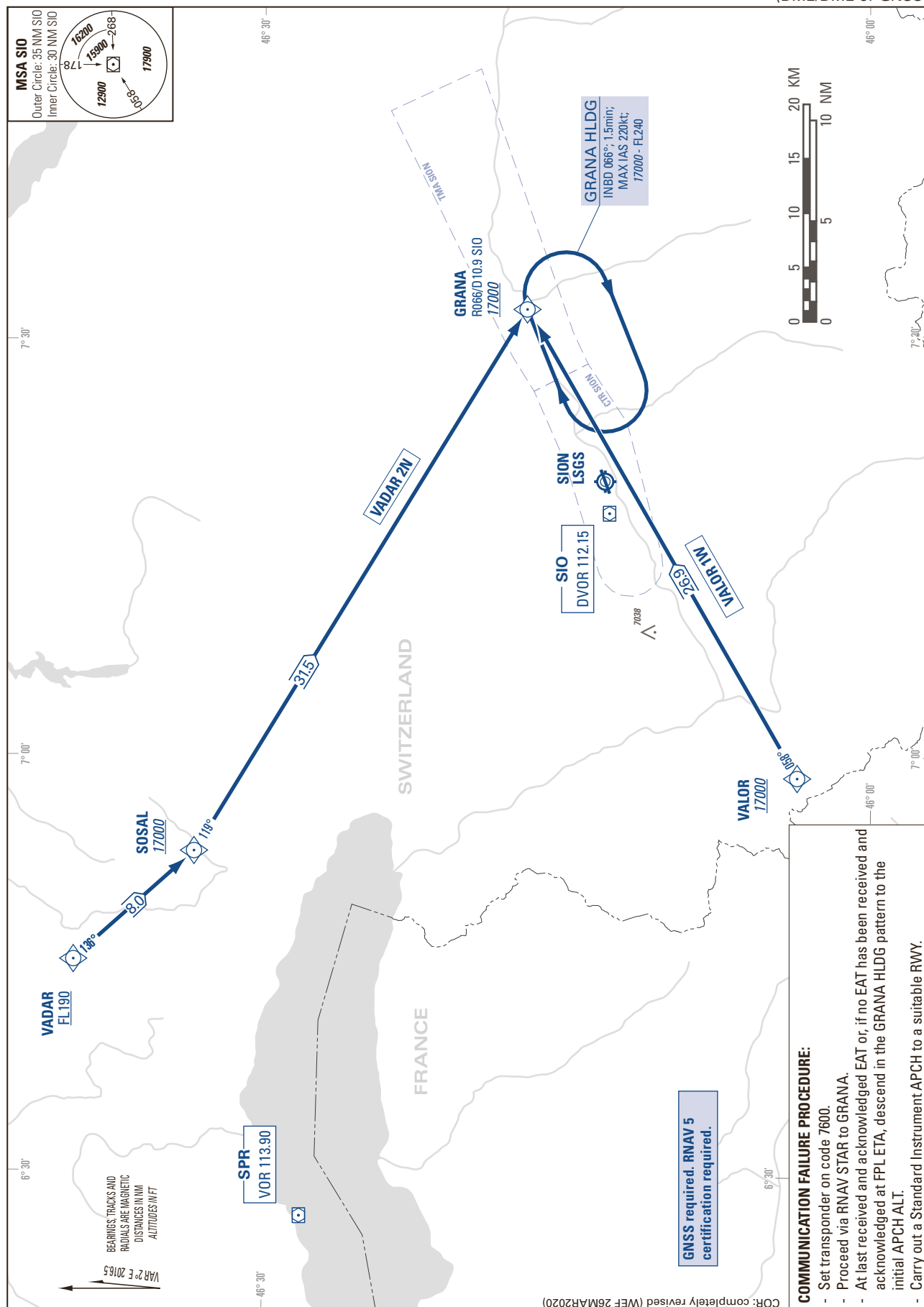
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STANDARD INSTRUMENT DEPARTURE CHART
(SID) - ICAOTRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000SION LSGS
HIGH PERFORMANCE
SID RWY 25

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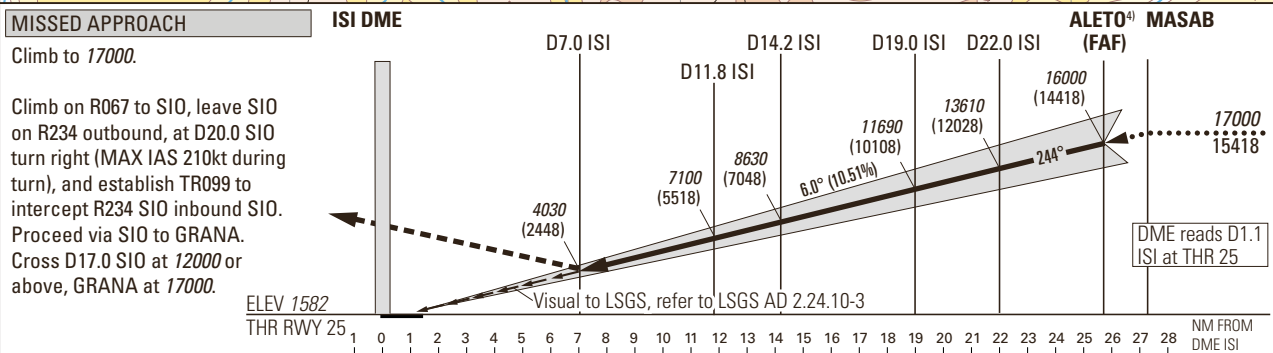
STANDARD INSTRUMENT DEPARTURE CHART
(SID) - ICAOTRANSITION LEVEL by ATC
TRANSITION ALTITUDE 13000SION LSGS
SID RWY 07/25 ONLY FOR DEST
WITHIN TMA LSGG OR LFLB

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STANDARD INSTRUMENT ARRIVAL CHART
(STAR) - ICAOTRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000SION LSGS
STAR TO GRANA - RNAV 5
(DME/DME or GNSS)

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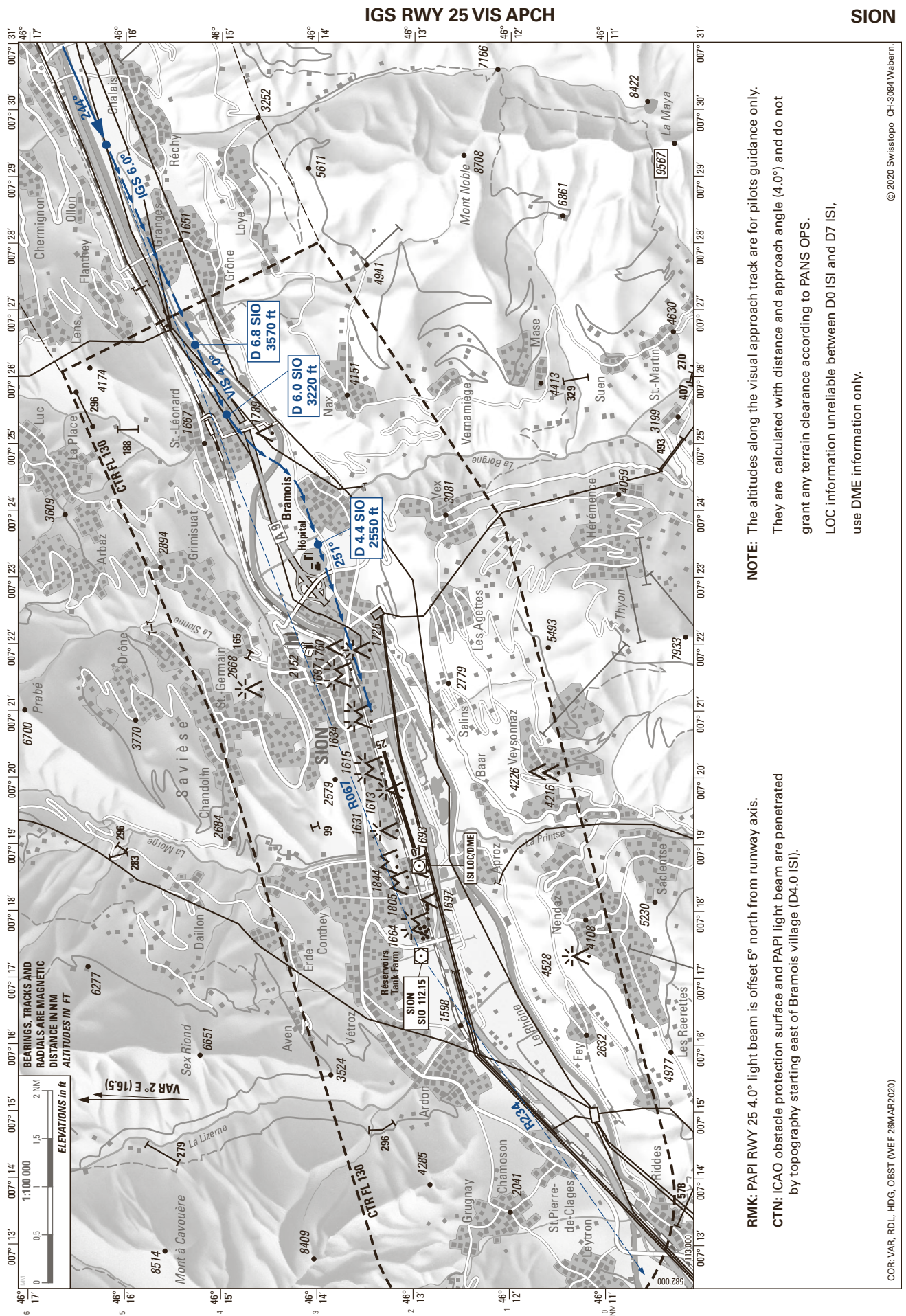
SION LSGS
IGS RWY 25 (ACFT CAT A/B/C)
OFFSET 6.5° RIGHT
GLIDE PATH 6.0°. VISUAL PART 4.0°



Missed APCH climb gradient requirement	STRAIGHT-IN APPROACH						VIS m	DIST ISI	7	8	9	10	12	14	16
	A		B		C			DIST THR	5.9	6.9	7.9	8.9	10.9	12.9	14.9
	DECISION ALTITUDE (HEIGHT)							ALT FT	4030	4670	5310	5950	7220	8500	9780
2.5%	6520 (4940) ¹⁾						5000	DIST ISI	18	20	22	24	25	25.7	27.3
3.0%	6080 (4500) ¹⁾							DIST THR	16.9	18.9	20.9	22.9	23.9	24.6	26.2
3.5%	5650 (4070) ¹⁾							ALT FT	11050	12330	13610	14890	15530	16000	17000
4.0%	5220 (3640) ¹⁾							REMARK							
4.5%	4780 (3200) ¹⁾							- APCH PROHIBITED IF GP U/S. - Table for temperature deviation from ISA. See LSGS AD 2.23.2. - Final APCH offset 6.5° from RCL. - If unable to comply with MAX HLDG speed, inform ATC.							
4.9%	4490 (2910) ¹⁾														
Circling north of AD only ^{1) 2) 3)}	3400 (1820)		5040 (3460)		6060 (4480)		5000	CAUTION							
ROD	GS kt	90	110	130	150			- This is not a standard APCH angle. - 3.8 NM BFR THR 25 Visual Segment Surface (VSS) penetrated by OBST up to 4370ft AMSL.							
	FT/MIN	958	1171	1384	1597			NOTE							

¹⁾ Special training required. ²⁾ Night circling prohibited. ⁴⁾ At ALETO, GP 15970.
³⁾ ACFT categories A, B with speed limit of 125kt and C with speed limit of 135kt.

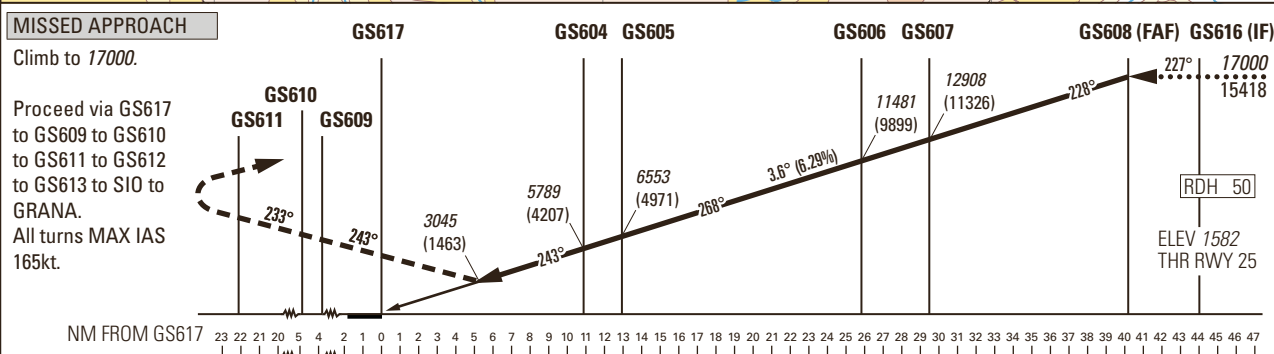
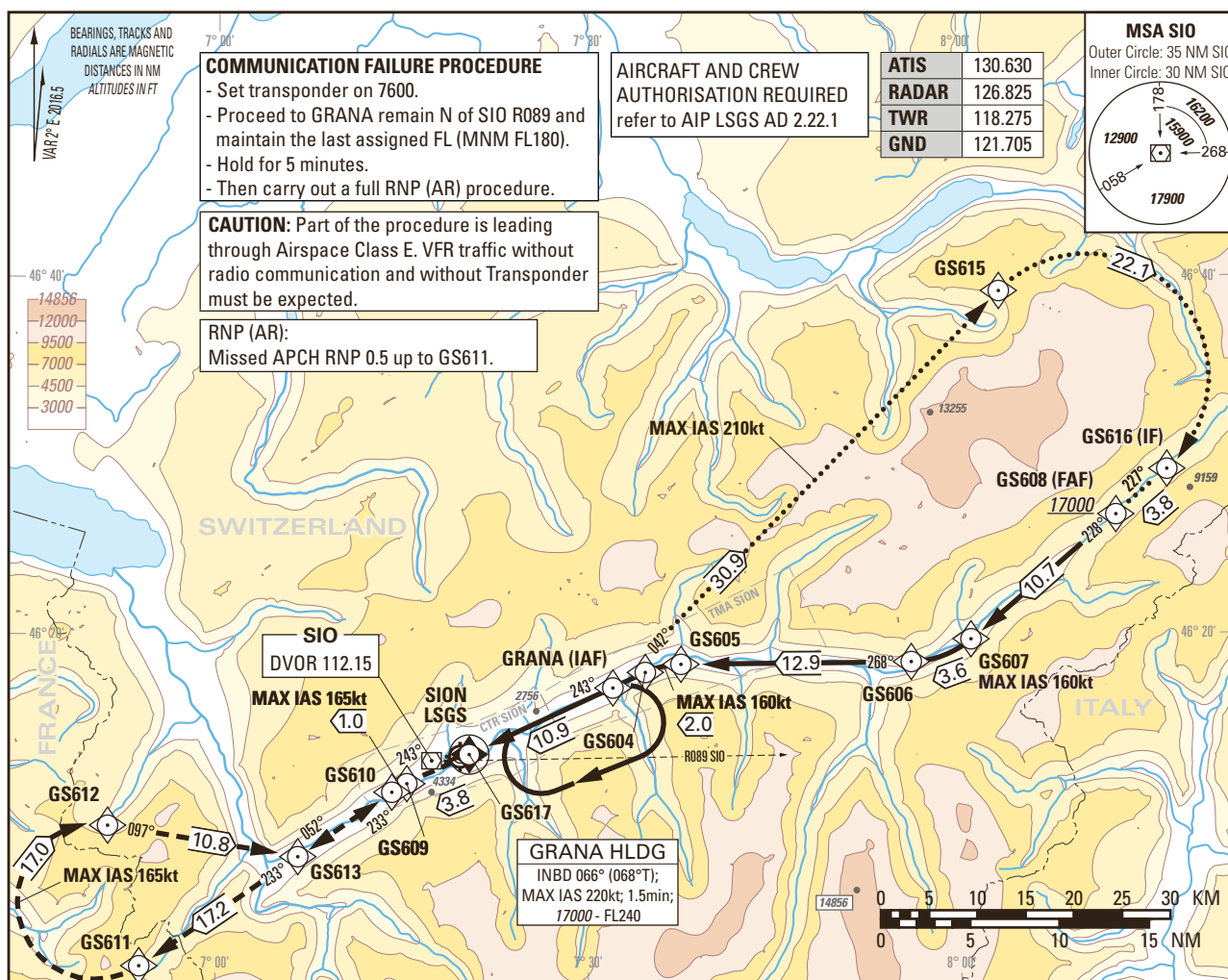
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Instrument Approach Chart
(IAC) - ICAO

AD ELEV 1582ft

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000SION LSGS
RNP RWY 25 (AR)
OFFSET 8° RIGHT
ACFT CAT A/B/C

Missed APCH climb gradient requirement		STRAIGHT-IN APPROACH		
		OBSTACLE CLEARANCE ALTITUDE (HEIGHT)		
		A	B	C
5.0%	RNP (AR)	3071 (1489)	3084 (1502)	3098 (1516)
		DECISION ALTITUDE (HEIGHT)		
5.0%	RNP (AR)	3071 (1489)	3084 (1502)	3098 (1516)

Missed APCH WPT	GS617	GS609	GS610	GS611	GS612	GS613	SIO	GRANA
recommended CROSSING ALTITUDE (HEIGHT) for Missed APCH climb gradient 5.0%	3699 (2117)	4866 (3284)	5158 (3576)	10375 (8793)	15546 (13964)		17000 (15418)	

ROD	GS kt	80	100	120	140	160
	FT/MIN	510	640	760	890	1020

REMARK

- APCH not authorized when airport temperature below -20°C or above +47°C.
- RNP (AR) RDH = 50 (PAPI MEHT = 40ft).
- PAPI 4.0° not coincident with VPA.
- 0.1 NM BFR THR 25 Visual Segment Surface (VSS) penetrated by trees up to 1670ft AMSL.

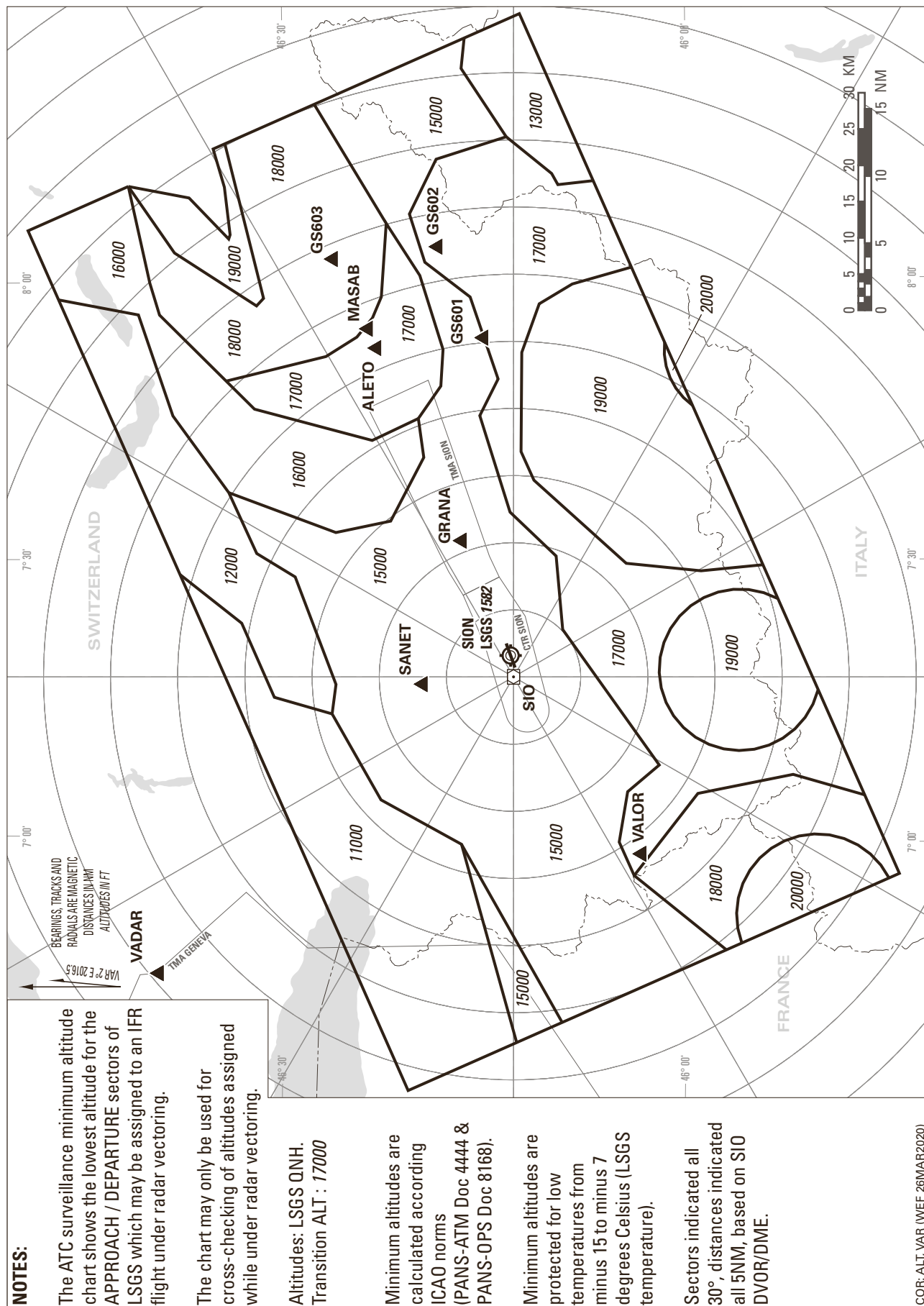
CAUTION

- On 3.6° APCH angle and GS > 150kt resulting ROD will be > 1000ft/min.
- Final APCH track offset by 8° right from RCL intercepting the RCL 480m BFR the THR.

COR: caution note (WEF 16JUL2020)

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



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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.

VAR 2° E 2016.5
BEARINGS, TRACKS AND RADIALS ARE MAGNETIC
DISTANCES IN NM
ALTITUDES IN FT

VADAR
TMA GENEVA

SWITZERLAND
ITALY
FRANCE

SIO
SION
GRANA
ALETO
MASAB
VALOR

10000
11000
12000
13000
14000
15000
16000
17000
18000
19000
20000

46° 30' 46° 00' 7° 00' 7° 30'

0 5 10 15 20 25 30 KM
0 5 10 15 NM

COR: SECT. ALT. VAR
(SEE 26 MAR 2020)

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