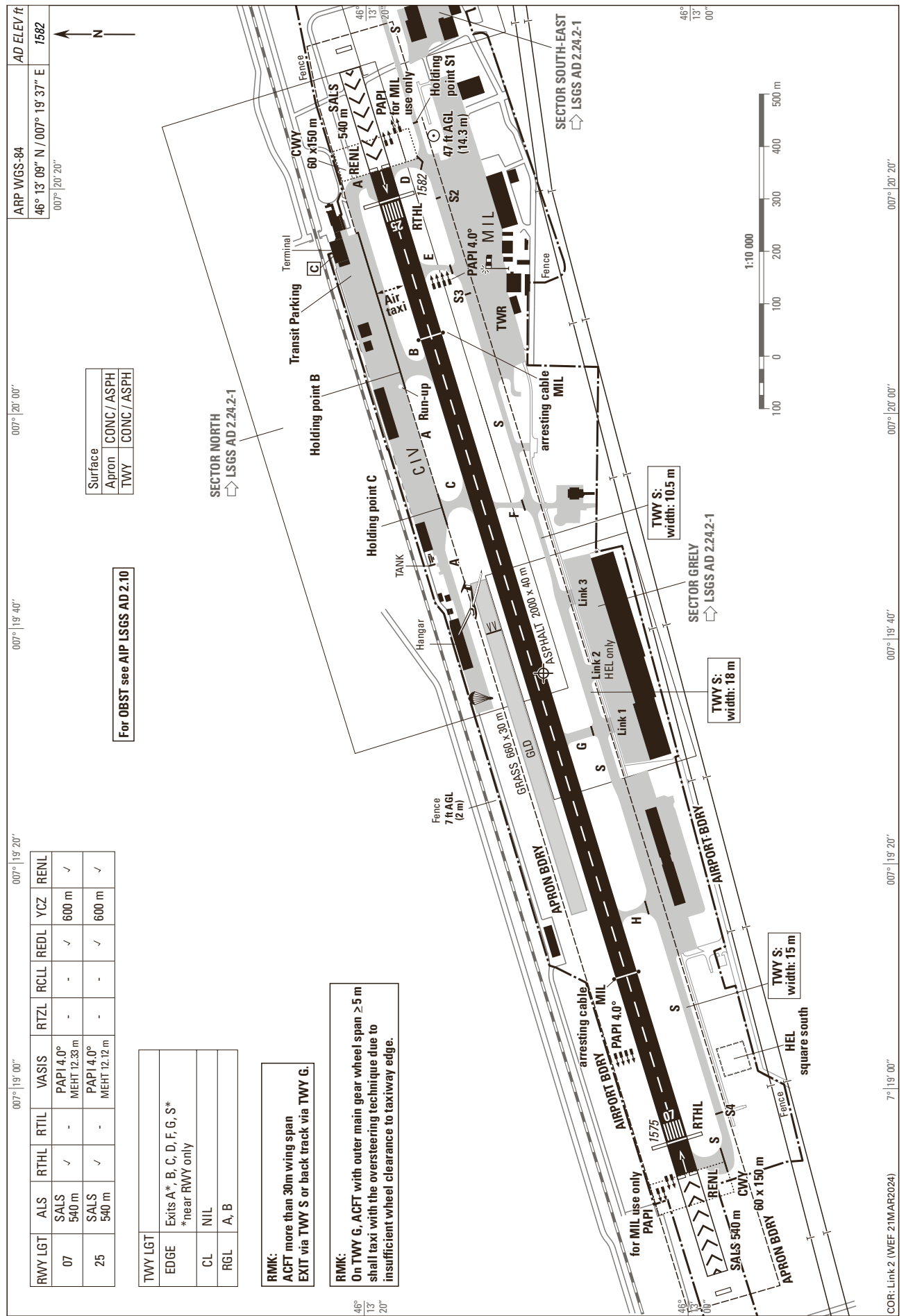
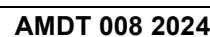




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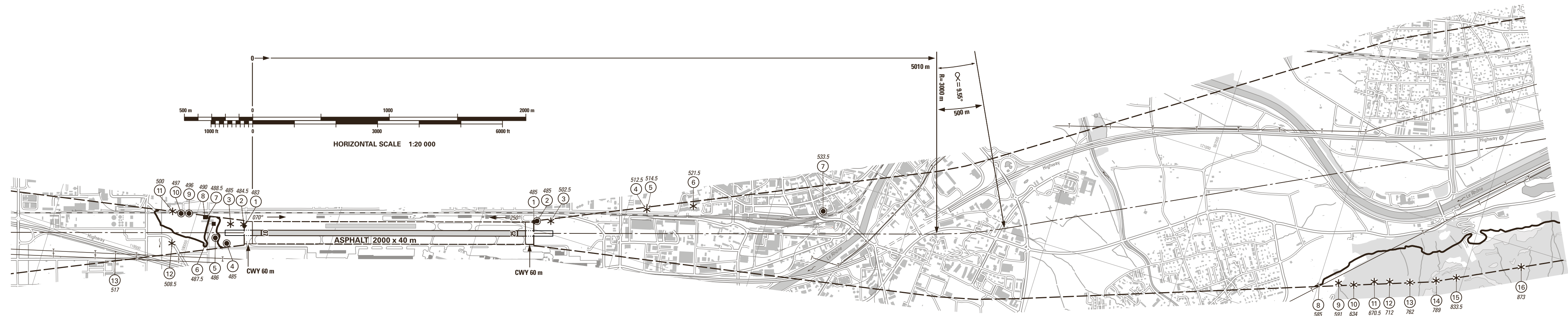


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VAR 3° E (2021.5)

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

[illegible]

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

16th Edition

COR: MAG VAR, RWY BRG (WEF 13JUN2024)

© Swisstopo

VAR 3° E (2021.5)

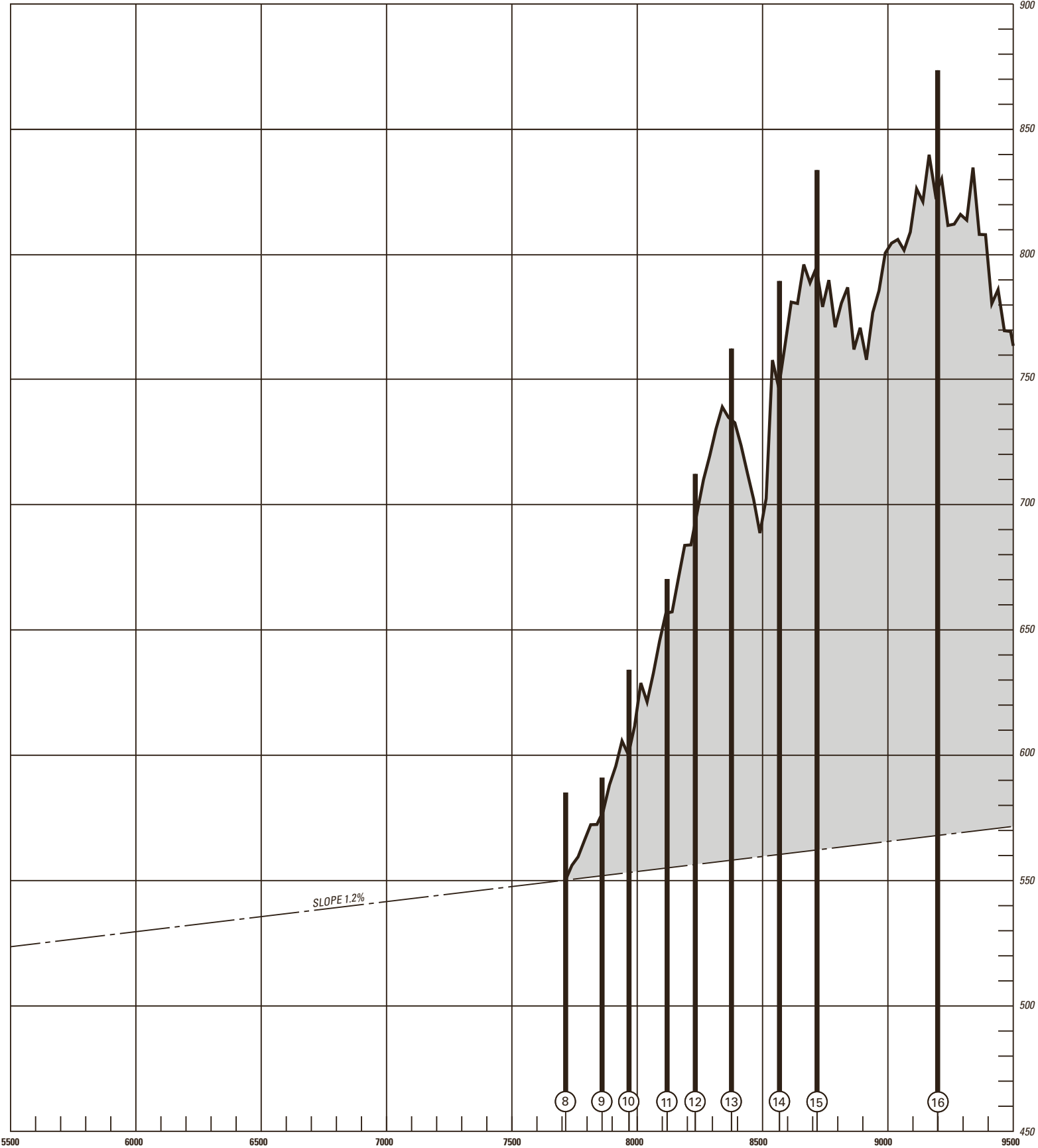
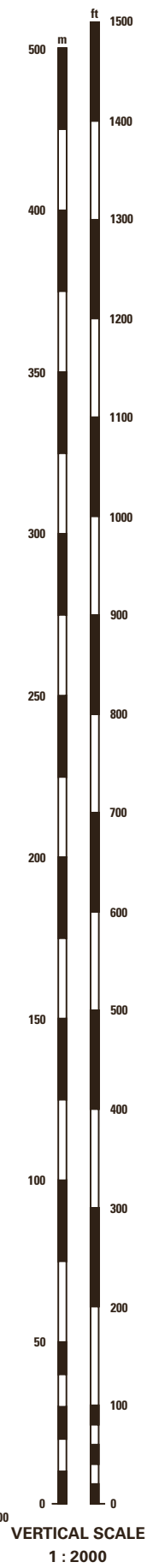
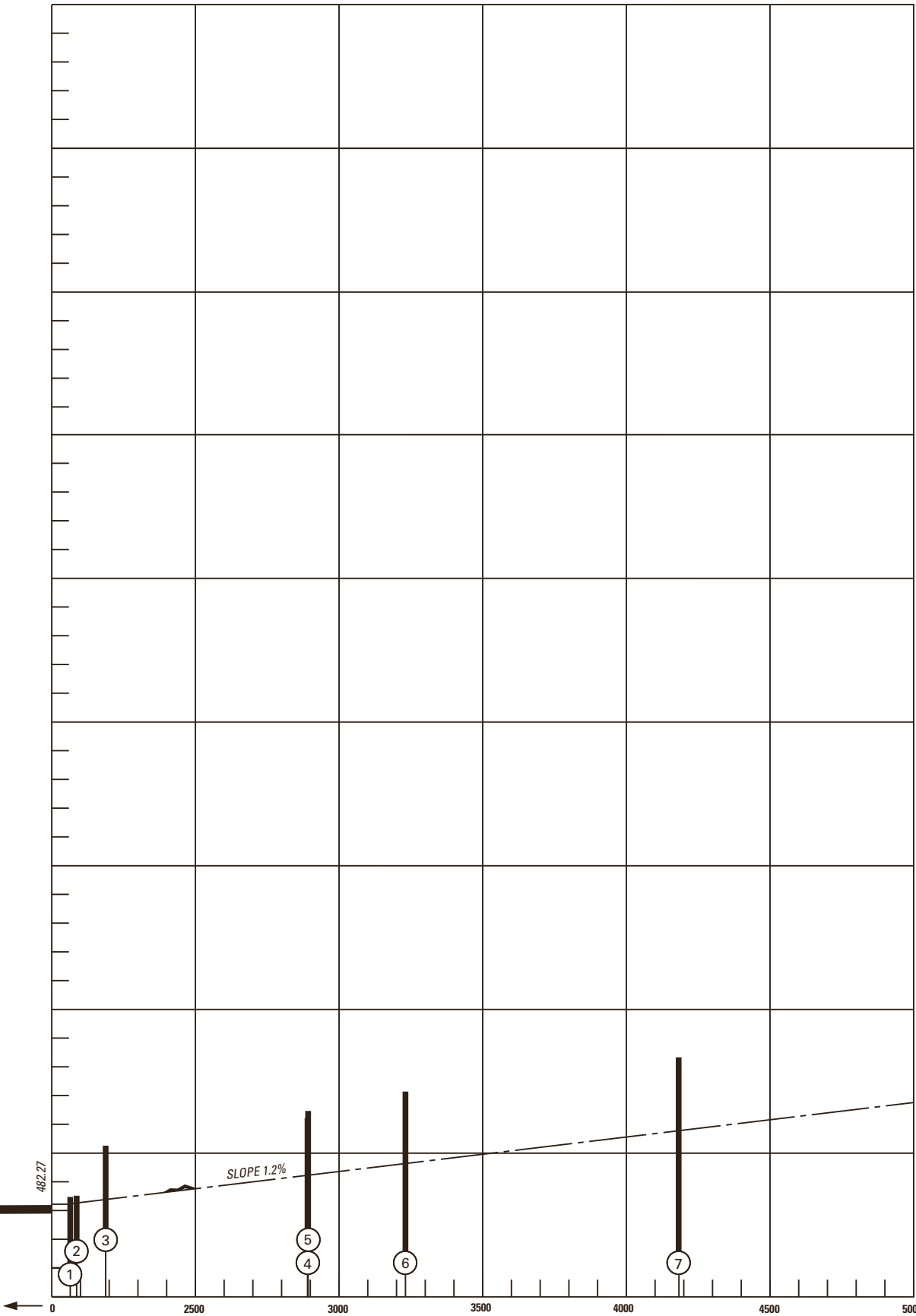
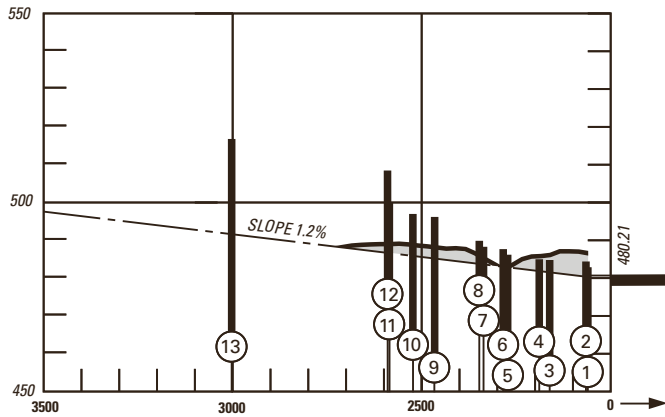
Plan view see LSGS AD 2.24.4-1

PROFILE RWY: 07-25

①

Identification number

Terrain penetrating obstacle plane

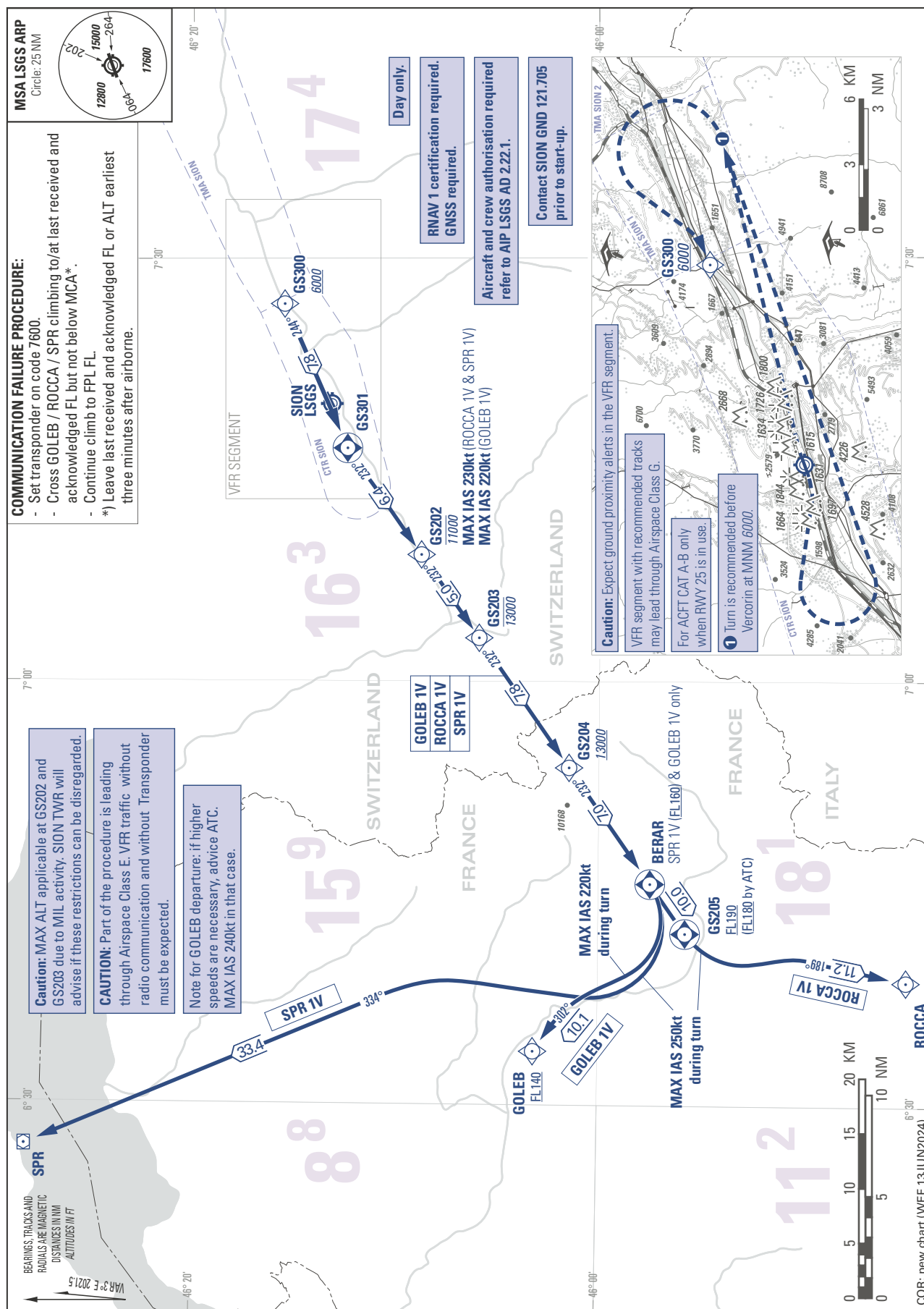


COR: MAG VAR (WEF 13JUN2024)

14th Edition

© Swisstopo

SION LSGS
LOW PERFORMANCE
SID RWY 07/25 - RNAV

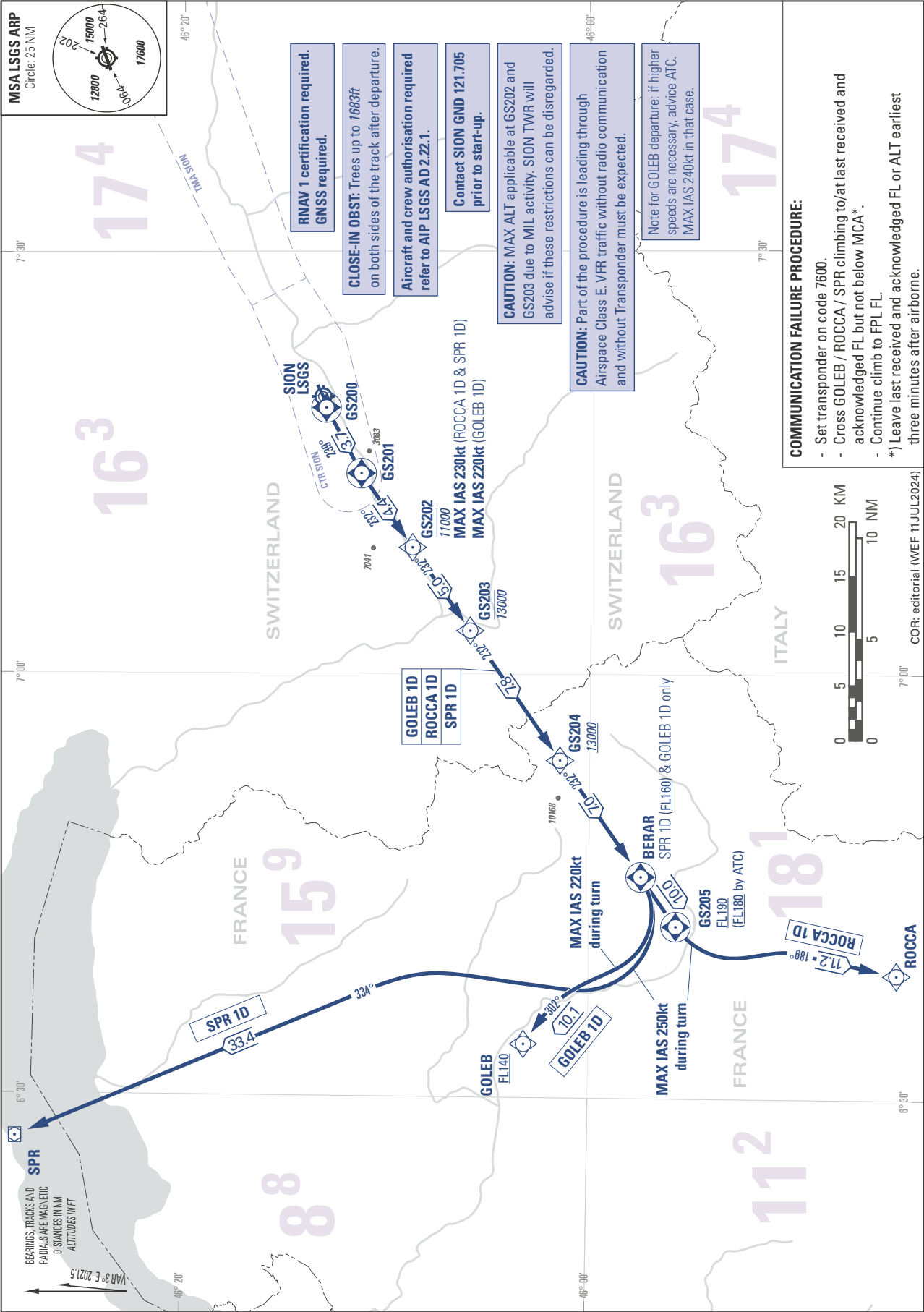


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STANDARD INSTRUMENT DEPARTURE CHART
(SID) - ICAO

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 13000

SION LSGS
HIGH PERFORMANCE
SID RWY 25 - RNAV

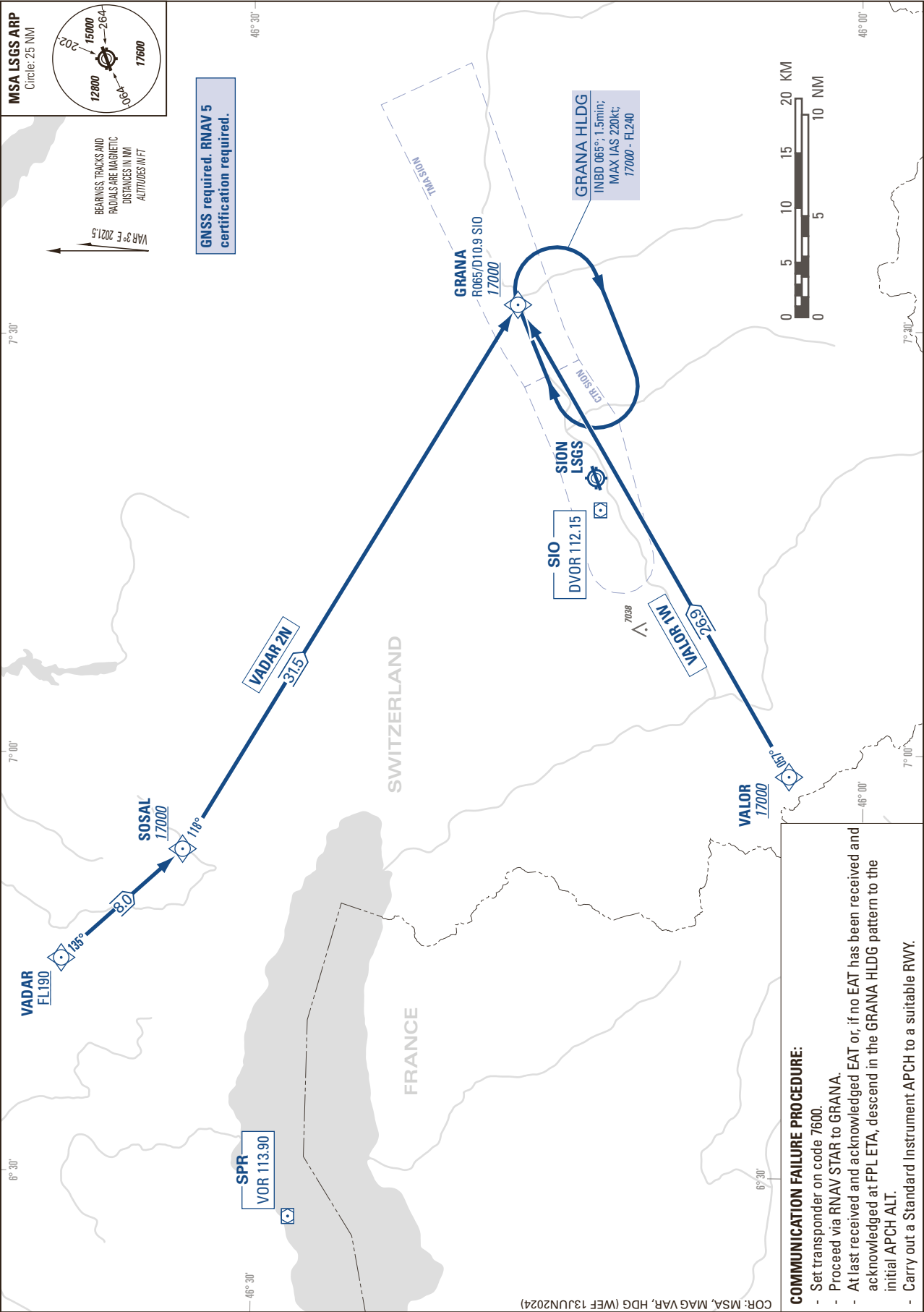


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STANDARD INSTRUMENT ARRIVAL CHART
(STAR) - ICAO

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

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



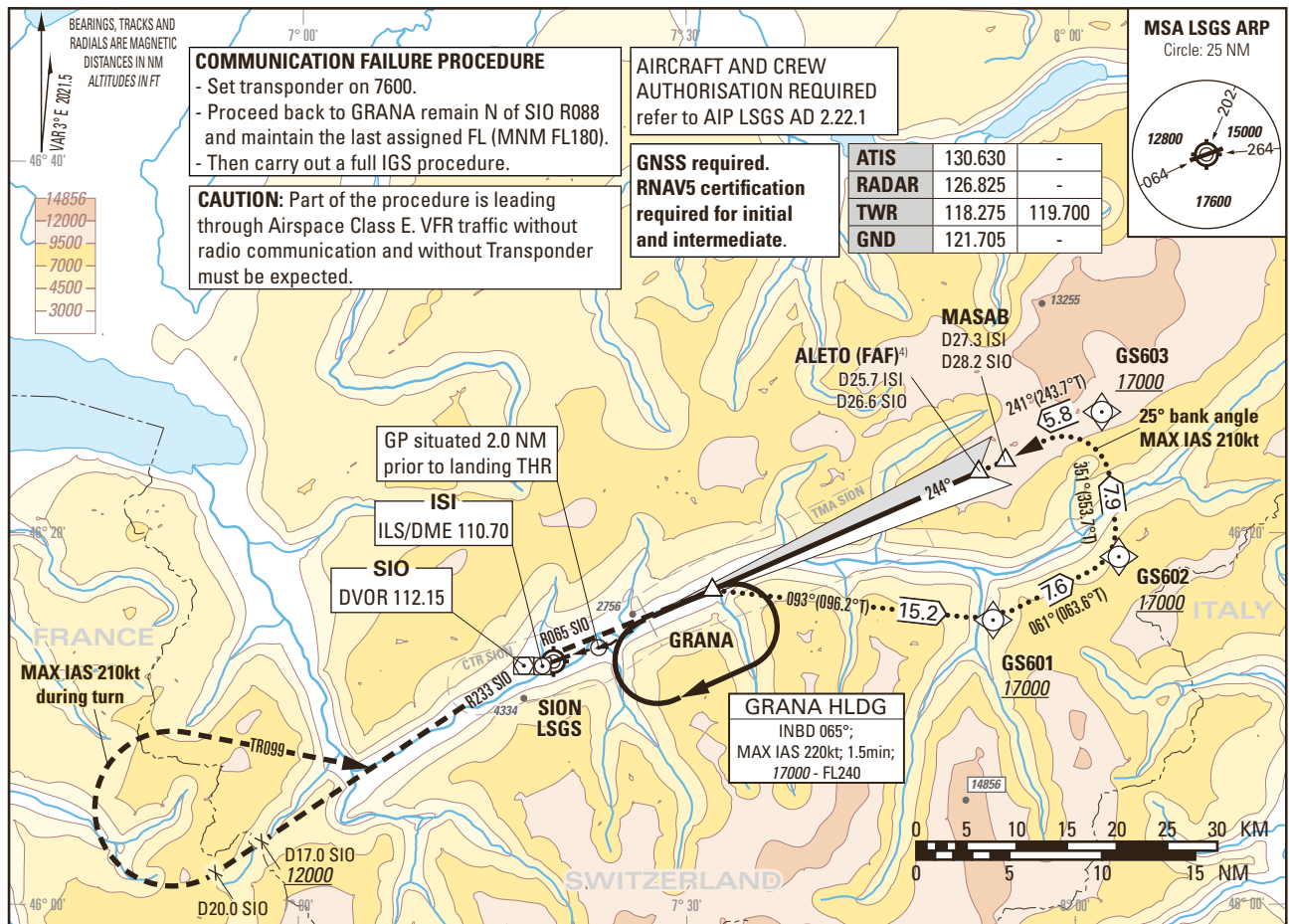
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Instrument Approach Chart
(IAC) - ICAO
(IGS instruction: see LSGS AD 2.22)

AD ELEV 1582ft

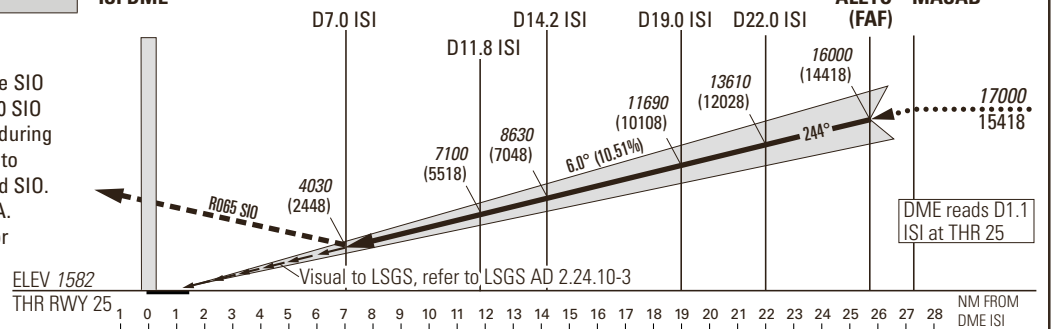
TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

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

**MISSED APPROACH**

Climb to 17000.

Climb on R065 to SIO, leave SIO on R233 outbound, at D20.0 SIO turn right (MAX IAS 210kt during turn), and establish TR099 to intercept R233 SIO inbound SIO. Proceed via SIO to GRANA. Cross D17.0 SIO at 12000 or above, GRANA at 17000.

ISI DME

Missed APCH climb gradient requirement	STRAIGHT-IN APPROACH			VIS m
	A	B	C	
	DECISION ALTITUDE (HEIGHT)			
2.5%	6520 (4940) ¹⁾			5000
3.0%	6080 (4500) ¹⁾			
3.5%	5650 (4070) ¹⁾			
4.0%	5220 (3640) ¹⁾			
4.5%	4780 (3200) ¹⁾			
4.9%	4490 (2910) ¹⁾			
Circling north of AD only ^{1) 2) 3)}	4490 (2910)	5040 (3460)	not authorized	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	5.9	6.9	7.9	8.9	10.9	12.9	14.9
ALT FT	4030	4670	5310	5950	7220	8500	9780
DIST ISI	18	20	22	24	25	25.7	27.3
DIST THR	16.9	18.9	20.9	22.9	23.9	24.6	26.2
ALT FT	11050	12330	13610	14890	15530	16000	17000

REMARK

- 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.

CAUTION

- This is not a standard APCH angle.

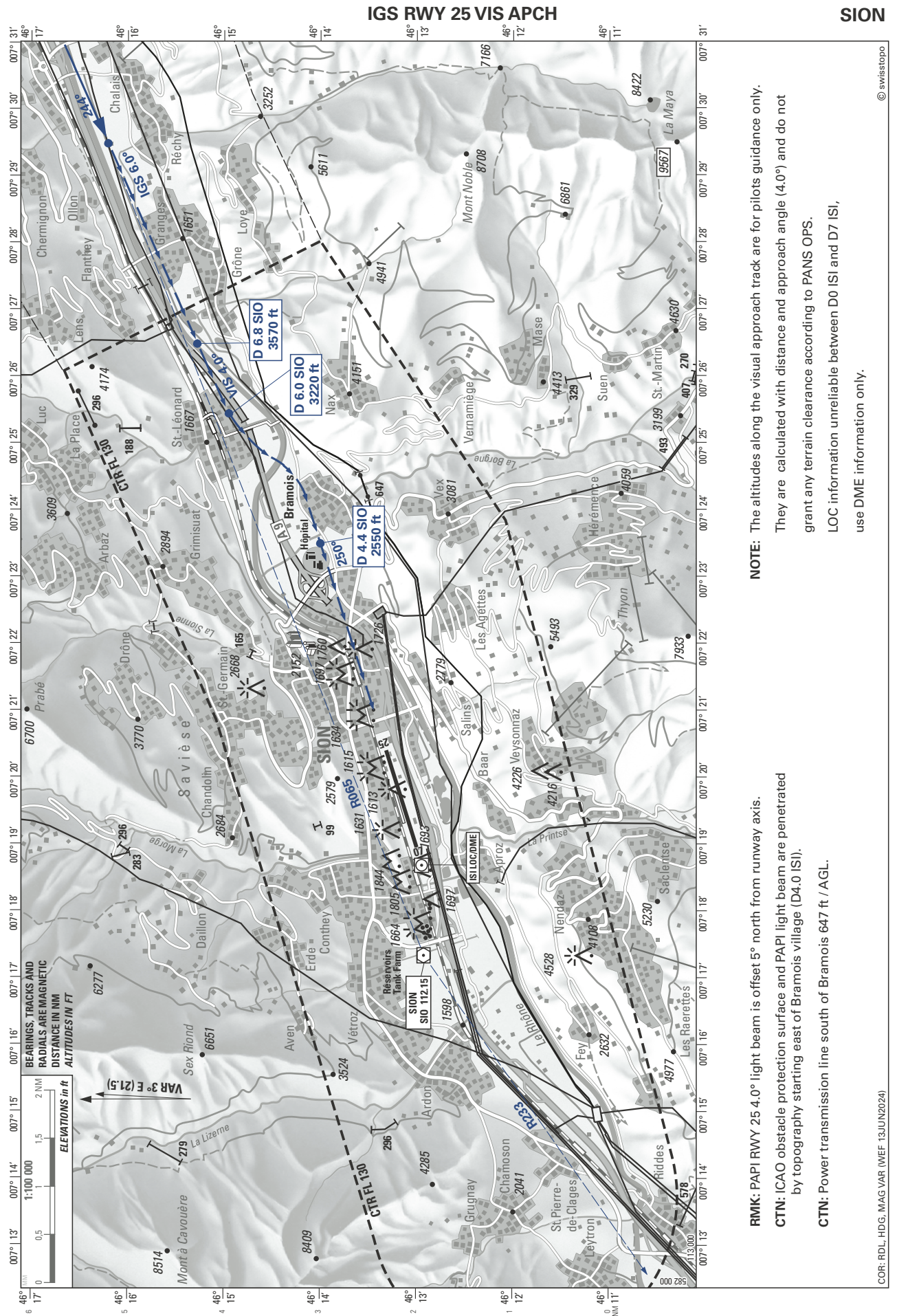
NOTE

¹⁾ Special training required. ²⁾ Night circling prohibited. ⁴⁾ At ALETO, GP 15970.

³⁾ ACFT categories A, B with speed limit of 125kt.

COR: MSA, MAG VAR, HDG, RDL, Missed Approach, Circling, Note, Caution (WEF 13JUN2024)

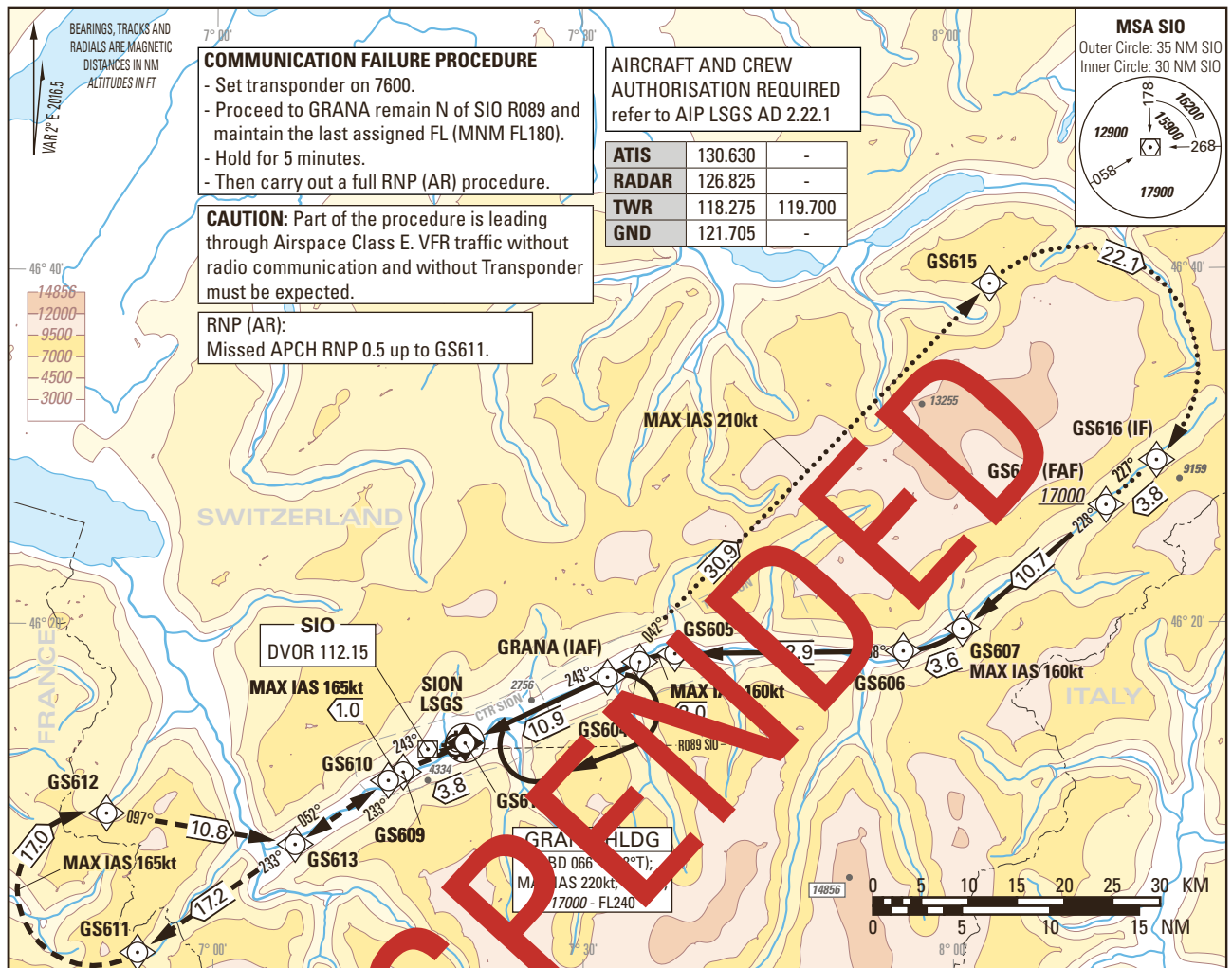
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Instrument Approach Chart
(IAC) - ICAO

AD ELEV 1582ft

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

Climb to 17000.

Proceed via GS617 to GS609 to GS610 to GS611 to GS612 to GS613 to SIO to GRANA.

All turns MAX IAS 165kt.

NM FROM GS617

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.

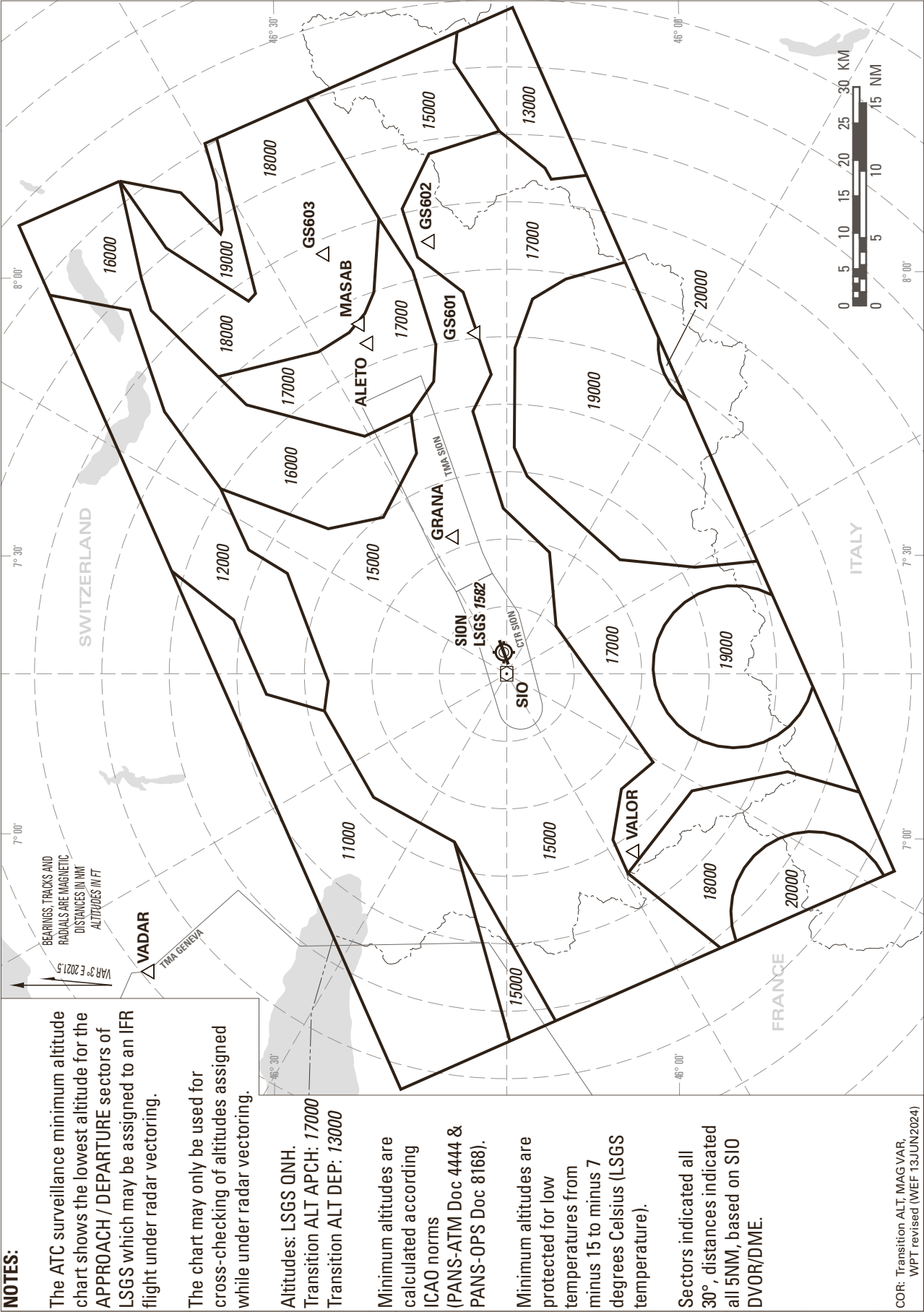
CAUTION

- 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: TWR ALTN FREQ added (WEF 23MAR2023)

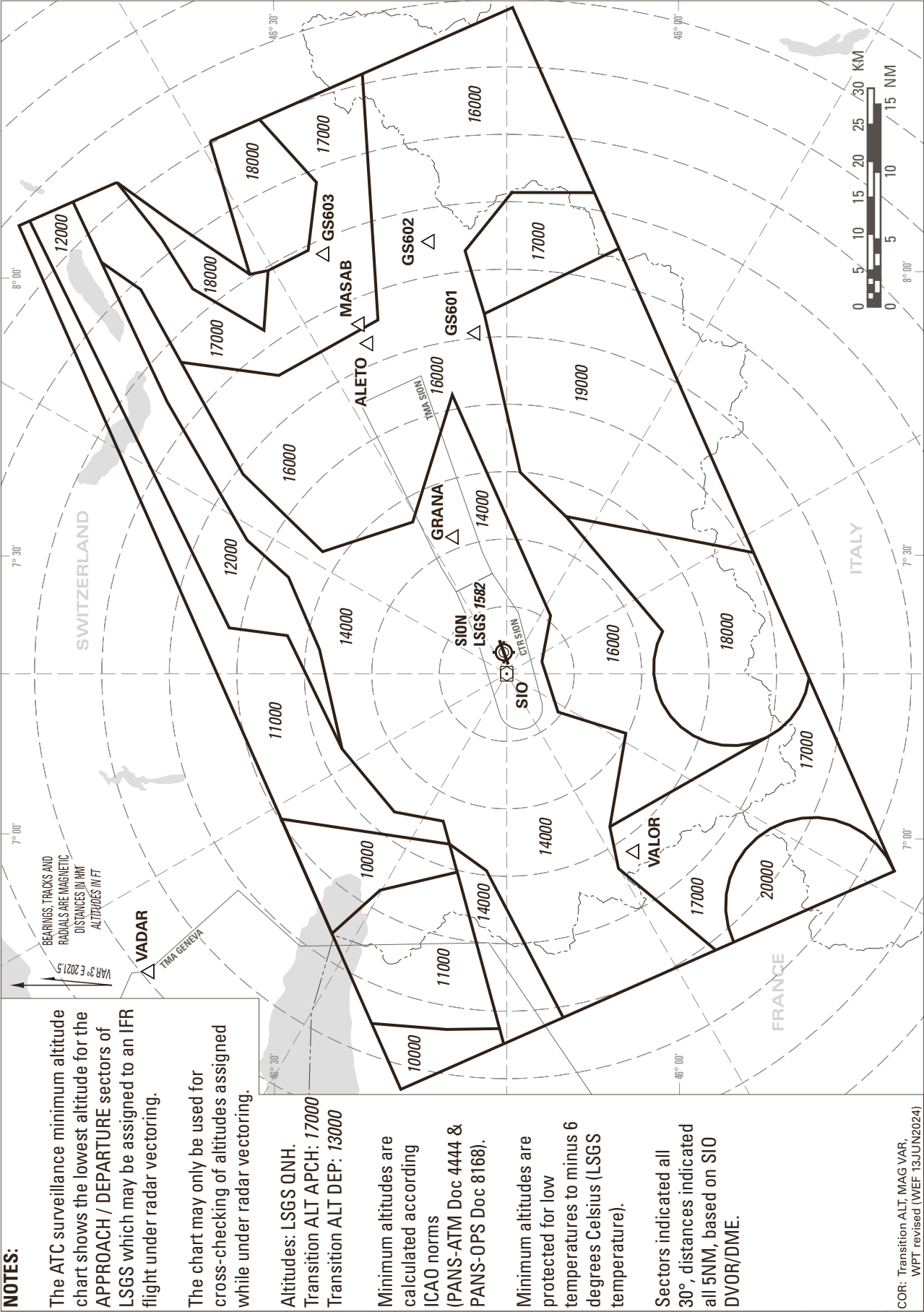
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ATC SURVEILLANCE MINIMUM ALTITUDE CHART (ADTEMPERATURES FROM -15°TO -7°C)



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



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