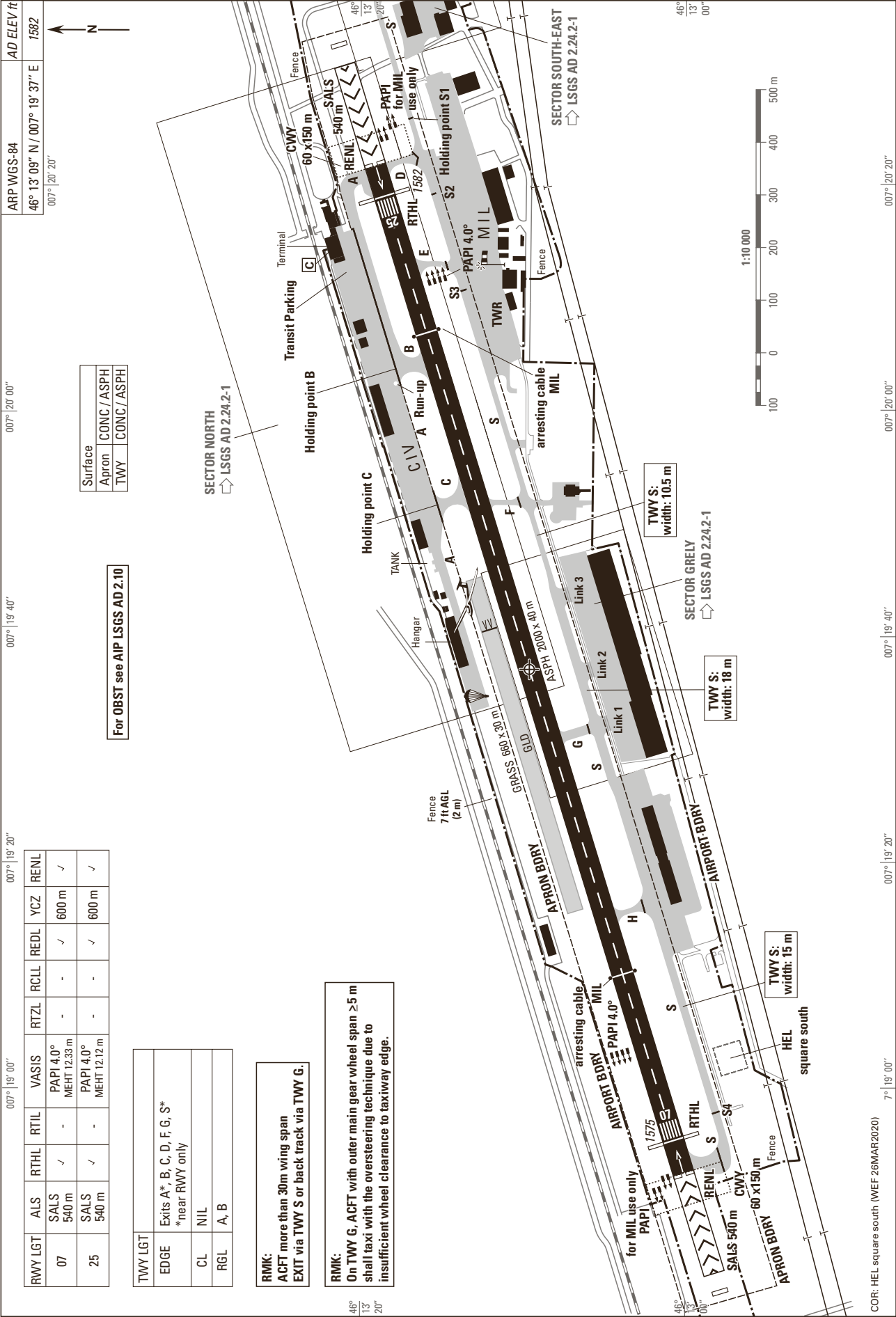




THIS PAGE INTENTIONALLY LEFT BLANK



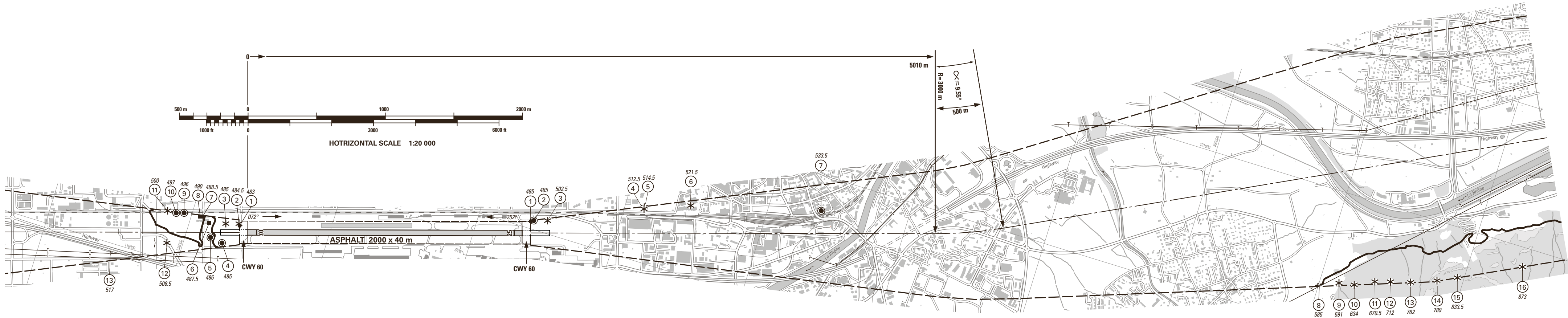
THIS PAGE INTENTIONALLY LEFT BLANK

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

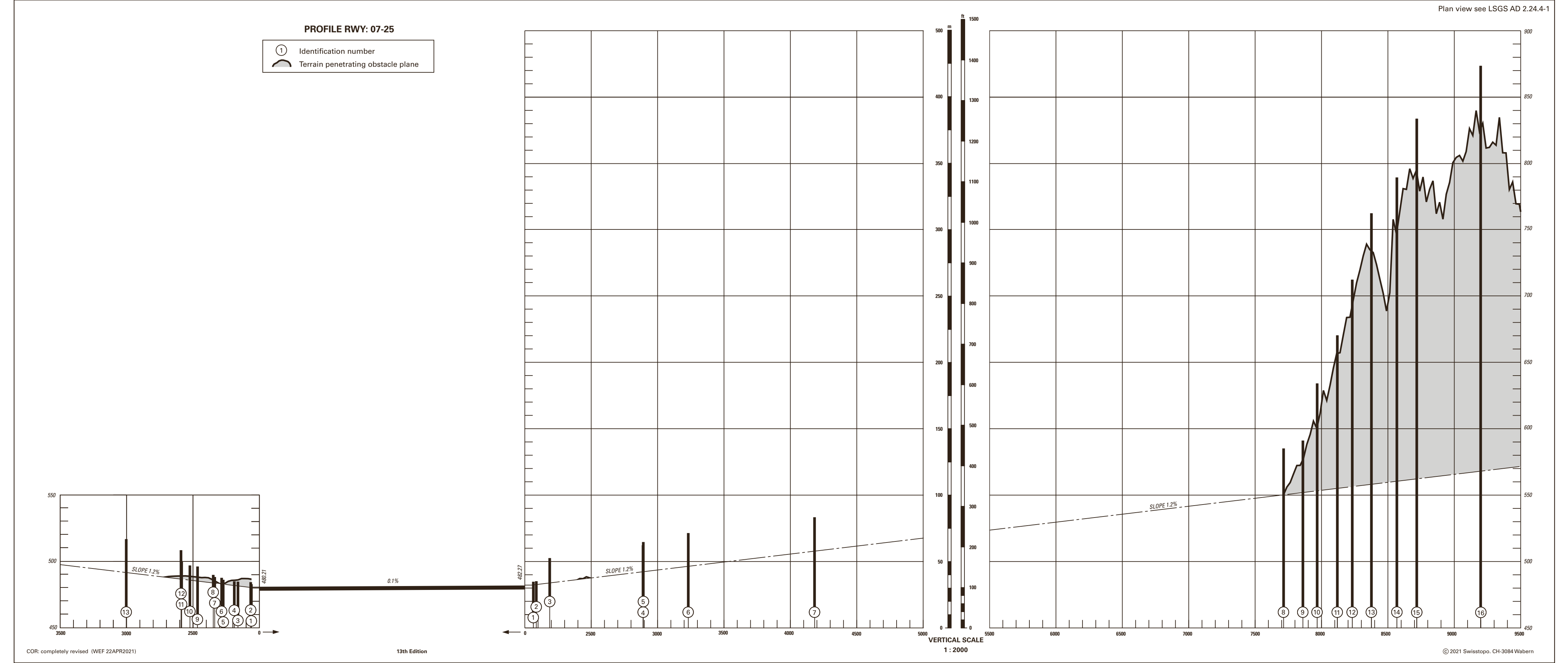
COR: completely revised (WEF 22APR2021)

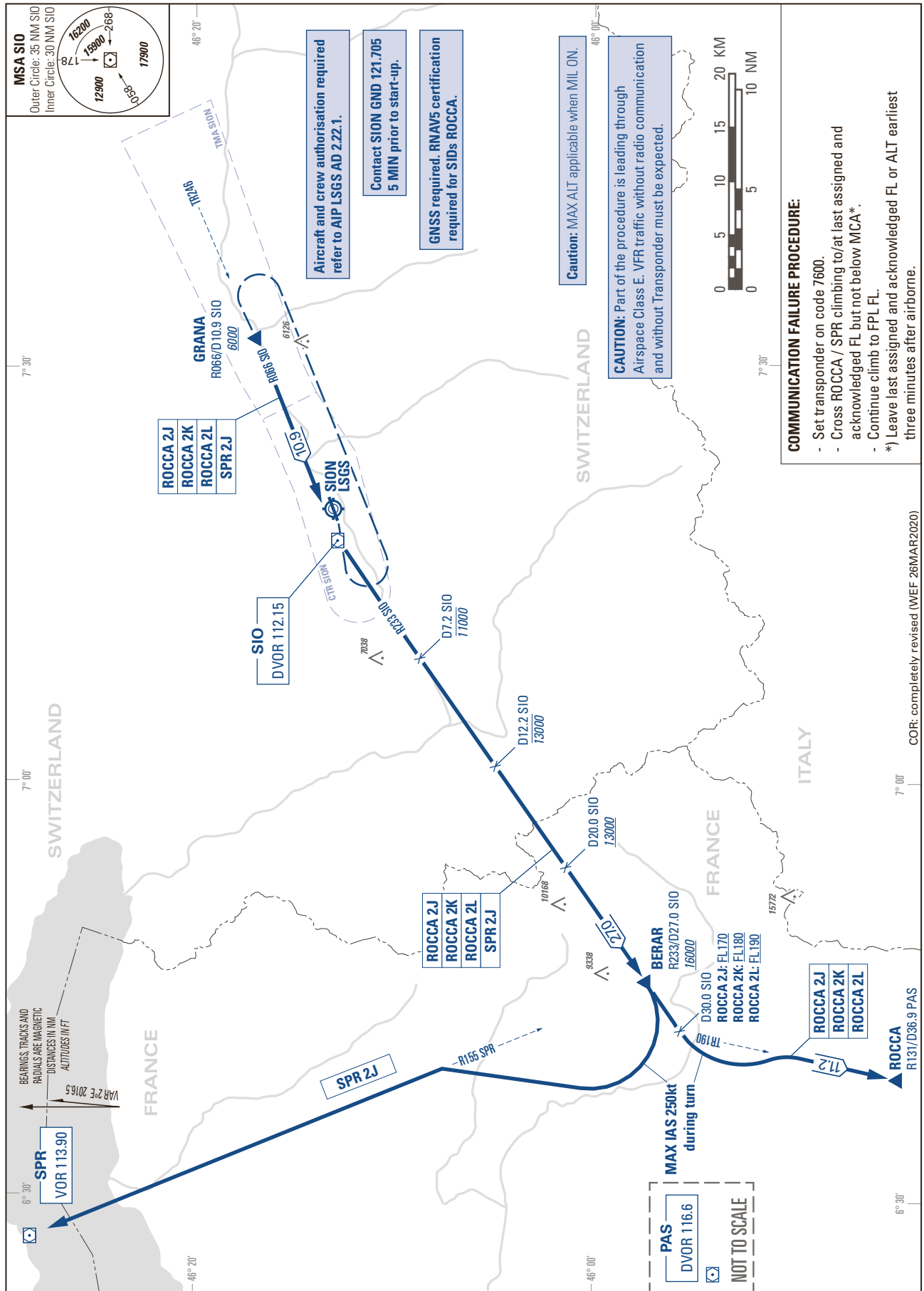
OBST ELEV in m
AD ELEV in m

ORDER OF ACCURACY ACCORDING TO ICAO REQUIREMENTS

15th Edition

© 2021Swisstopo, CH-3084 Wabern

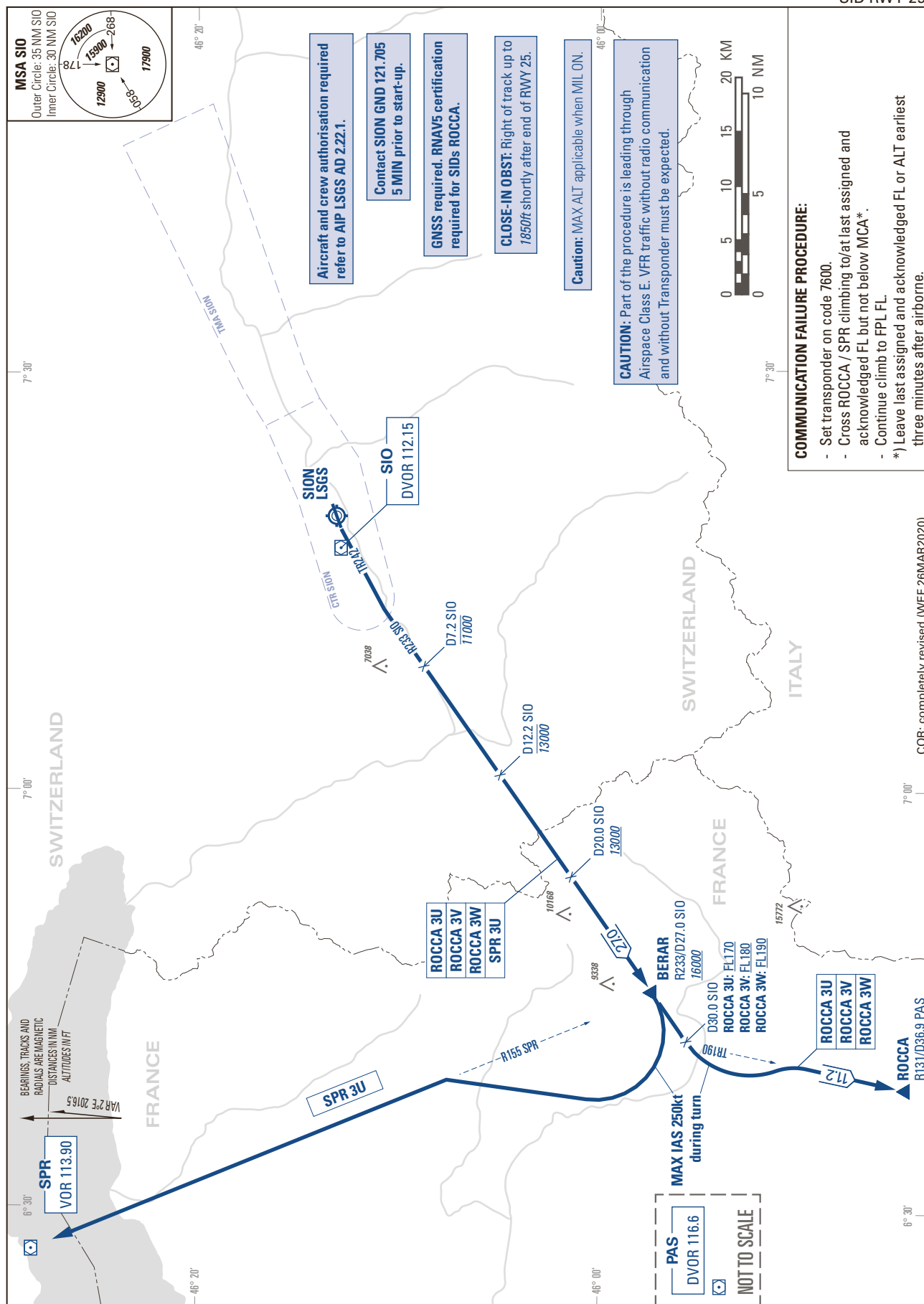


STANDARD INSTRUMENT DEPARTURE CHART
(SID) - ICAOTRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000SION LSGS
SID RWY 07/25

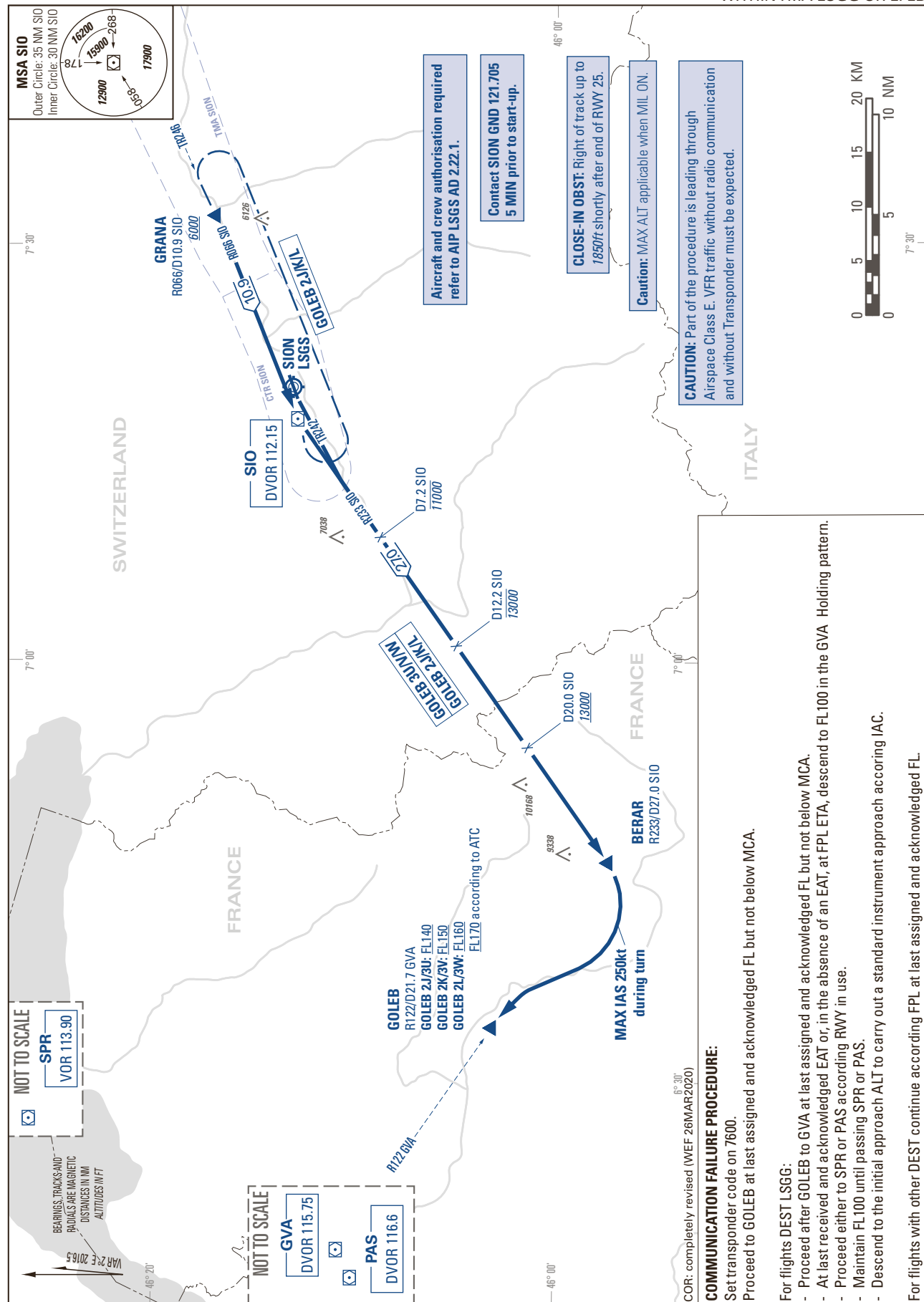
THIS PAGE INTENTIONALLY LEFT BLANK

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

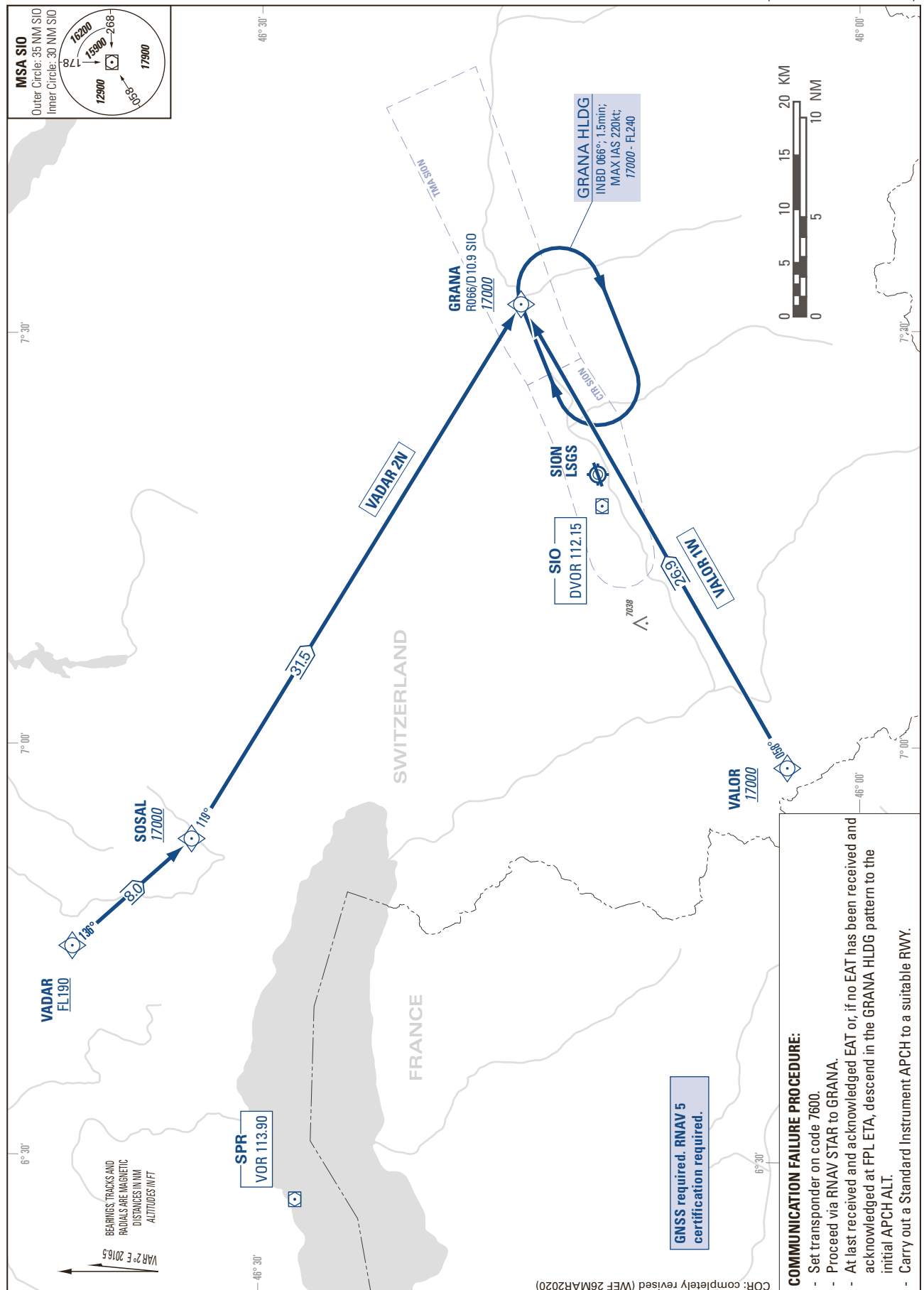
SION LSGS
HIGH PERFORMANCE
SID RWY 25



THIS PAGE INTENTIONALLY LEFT BLANK

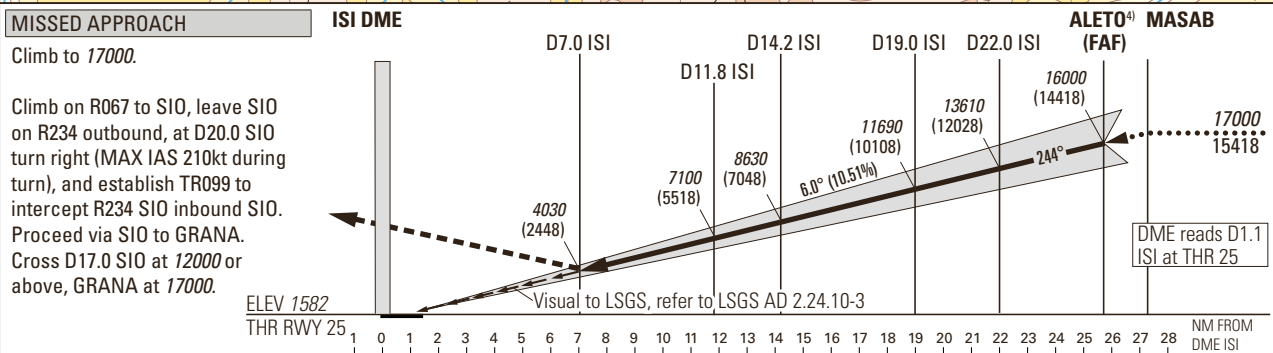
STANDARD INSTRUMENT DEPARTURE CHART
(SID) - ICAOTRANSITION LEVEL by ATC
TRANSITION ALTITUDE 13000SION LSGS
SID RWY 07/25 ONLY FOR DEST
WITHIN TMA LSGG OR LFLB

THIS PAGE INTENTIONALLY LEFT BLANK

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

THIS PAGE INTENTIONALLY LEFT BLANK

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

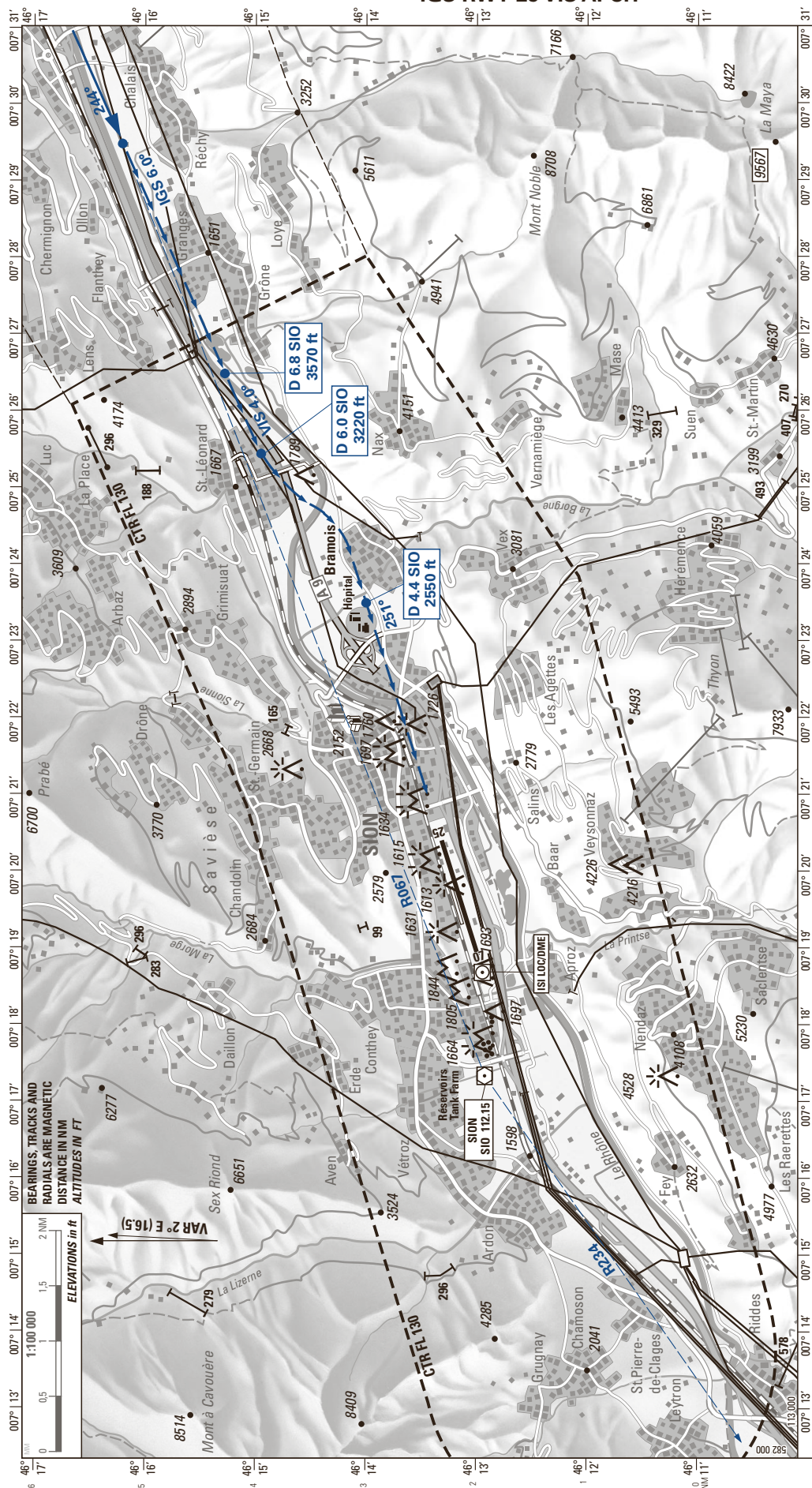


Missed APCH climb gradient requirement	STRAIGHT-IN APPROACH						VIS m	DIST ISI	7	8	9	10	12	14	16
	A		B		C			DIST THR	5.9	6.9	7.9	8.9	10.9	12.9	14.9
	DECISION ALTITUDE (HEIGHT)							ALT FT	4030	4670	5310	5950	7220	8500	9780
2.5%	6520 (4940) ¹⁾						5000	DIST ISI	18	20	22	24	25	25.7	27.3
3.0%	6080 (4500) 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.

THIS PAGE INTENTIONALLY LEFT BLANK

SION



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.

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).

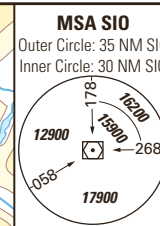
CORCOR: VAR, RDL, HDG, OBST (VEF 26MAR2020)

© 2020 Swisstopo CH-3084 Wabern.

THIS PAGE INTENTIONALLY LEFT BLANK

TRANSITION LEVEL	by ATC
TRANSITION ALTITUDE	17000

SION LSGS
RNP RWY 25 (AR)
OFFSET 8° RIGHT
ACFT CAT A/B/C



ATIS	130.630
RADAR	126.825
TWR	118.275
GND	121.705

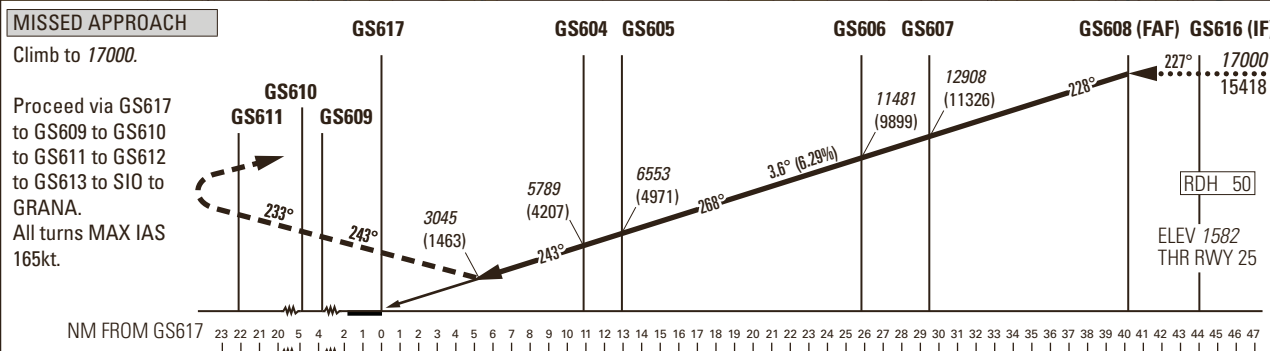
COMMUNICATION FAILURE PROCEDURE

- Set transponder on 7600.
- Proceed to GRANA remain N of SIO R089 and maintain the last assigned FL (MNM FL180).
- Hold for 5 minutes.
- Then carry out a full RNP (AR) procedure.

CAUTION: Part of the procedure is leading through Airspace Class E. VFR traffic without radio communication and without Transponder must be expected.

RNP (AR):
Missed APCH RNP 0.5 up to GS611.

**AIRCRAFT AND CREW
AUTHORISATION REQUIRED**
refer to AIP LSGS AD 2.22.1



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.

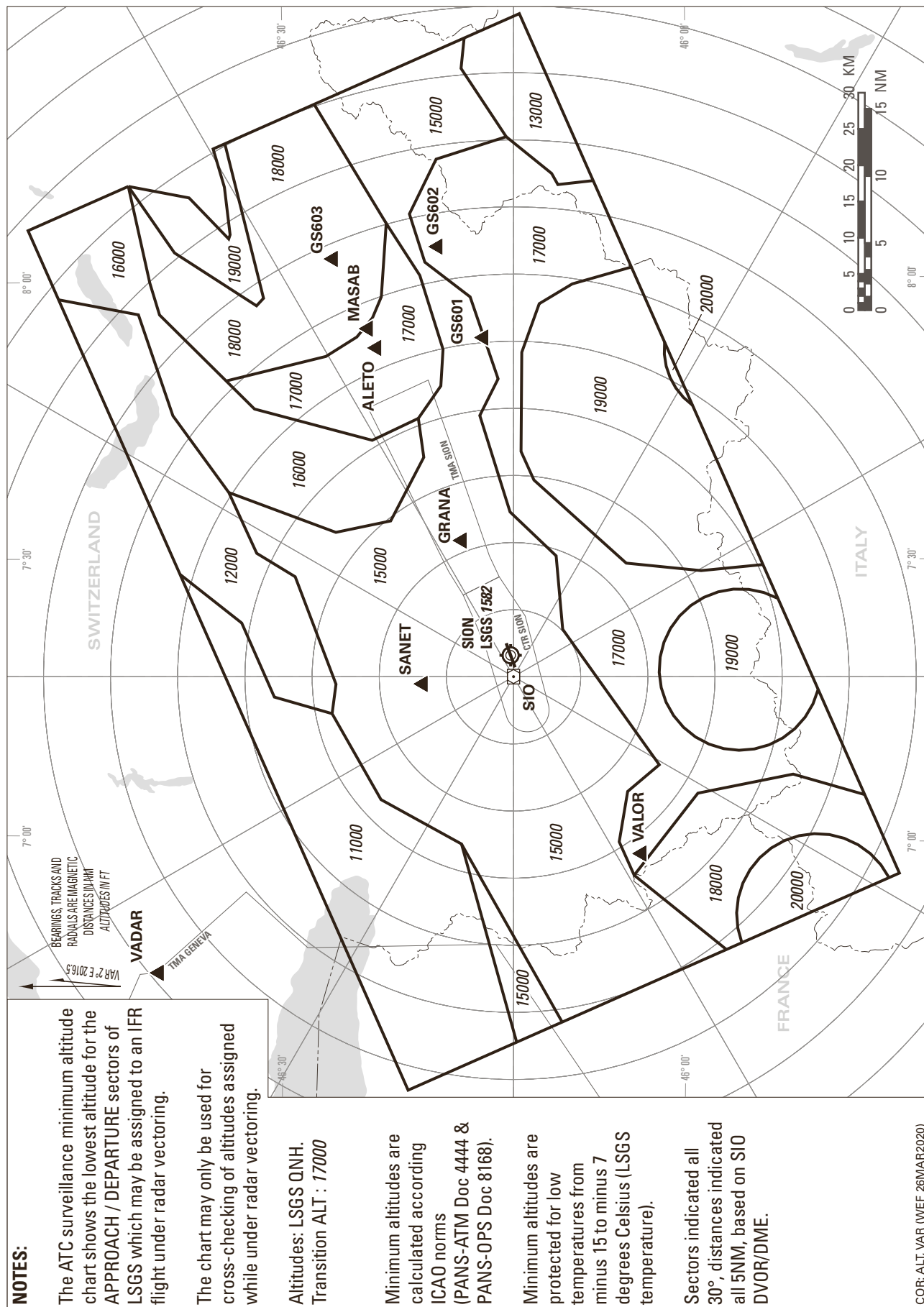
CAUTION

- 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)

THIS PAGE INTENTIONALLY LEFT BLANK

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



THIS PAGE INTENTIONALLY LEFT BLANK

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: SECT ALT VAR (SEE 26MAR2020)

THIS PAGE INTENTIONALLY LEFT BLANK