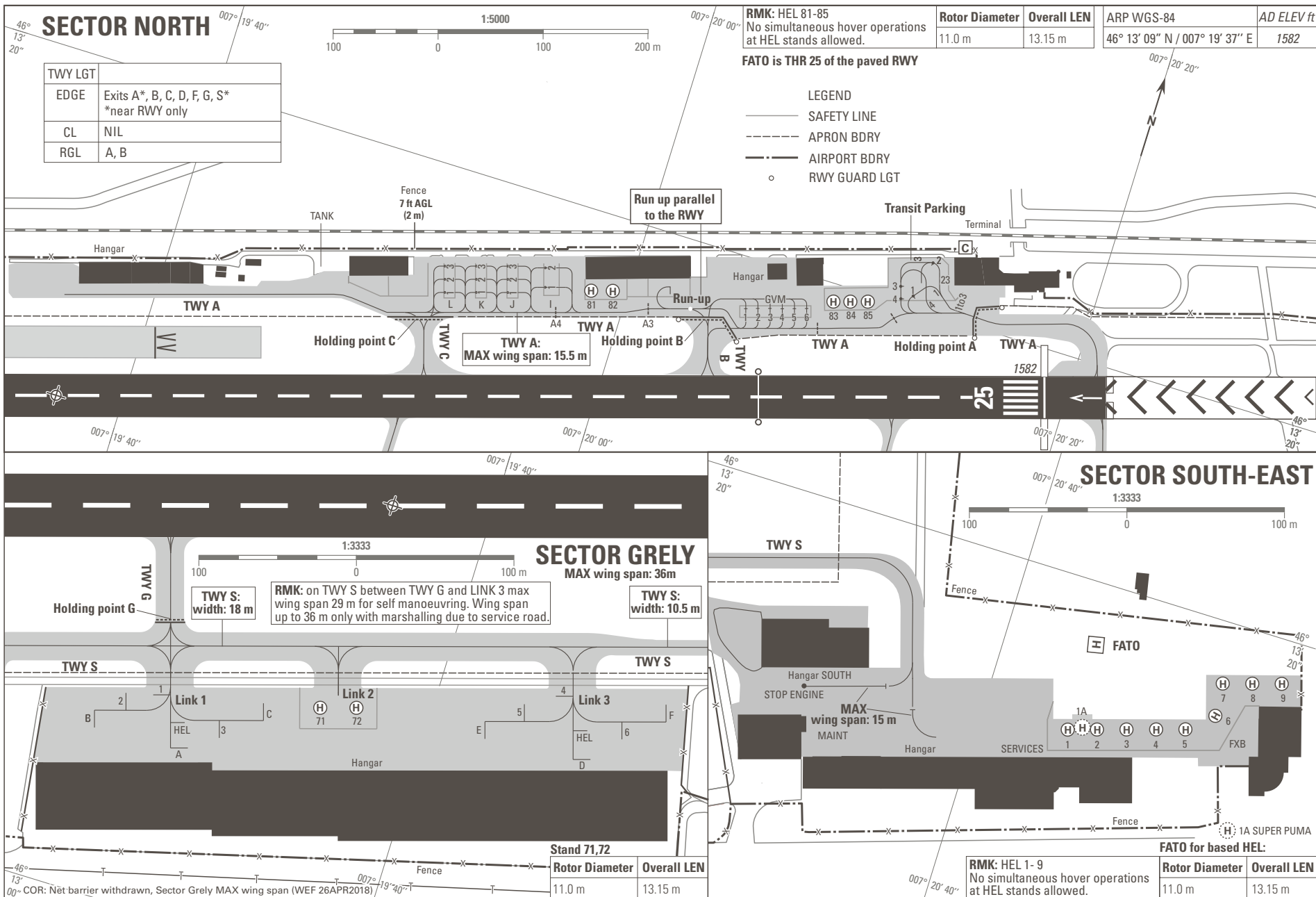


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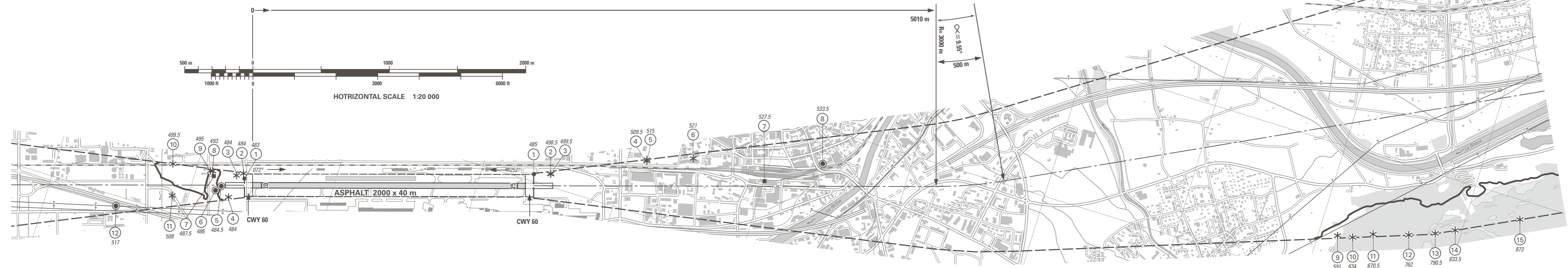
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VAR 1° E (2011)

Profile view see LSGS AD 2.24.4-2

RWY: 07-25

RWY 07	DECLARED DISTANCES in m	RWY 25
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: Declared distances, CWY, RMK (WEF 26APR2018)

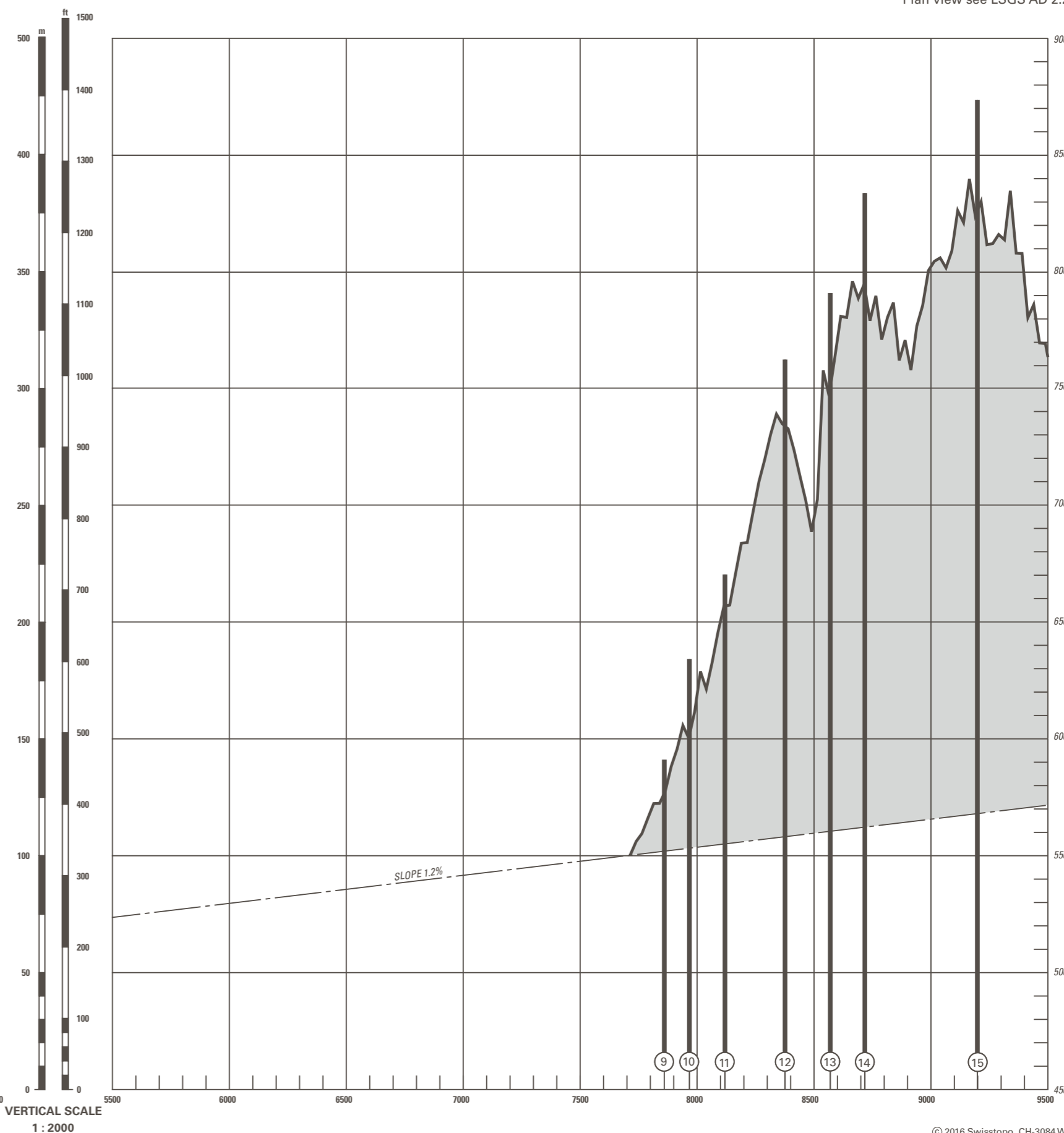
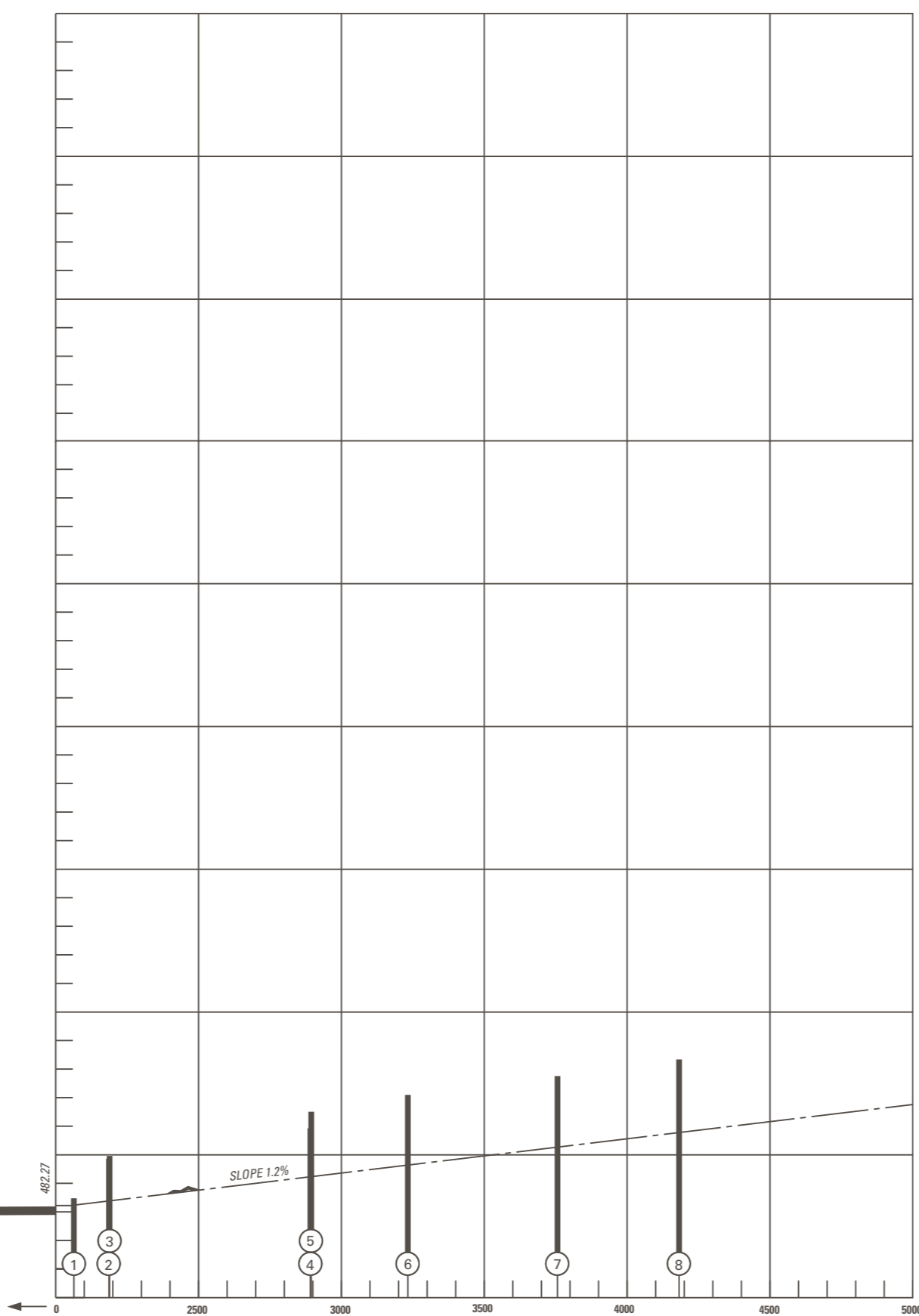
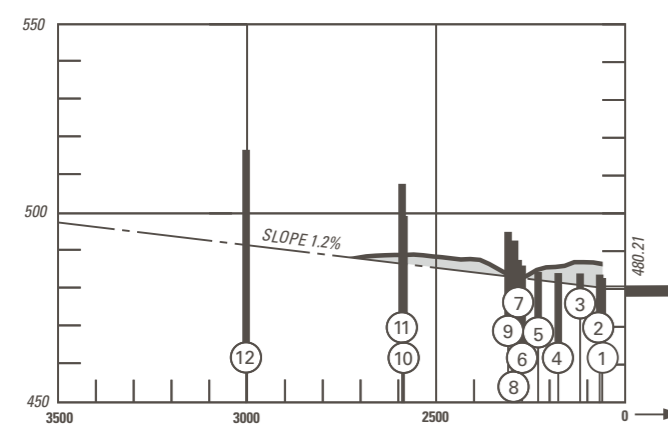
12th Edition

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PROFILE RWY: 07-25

- ① Identification number
- ▬ Terrain penetrating obstacle plane

Plan view see LSGS AD 2.24.4-1



VERTICAL SCALE
1 : 2000

COR: THR ELEV (WEF 08DEC2016)

11th Edition

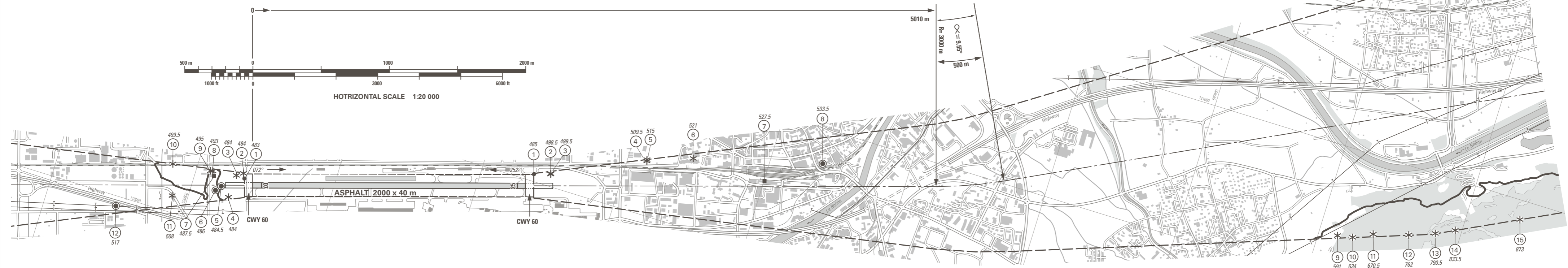
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VAR 1° E (2011)

Profile view see LSGS AD 2.24.4-2

RWY: 07-25

RWY 07	DECLARED DISTANCES in m	RWY 25
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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: Declared distances, CWY, RMK (WEF 26APR2018)

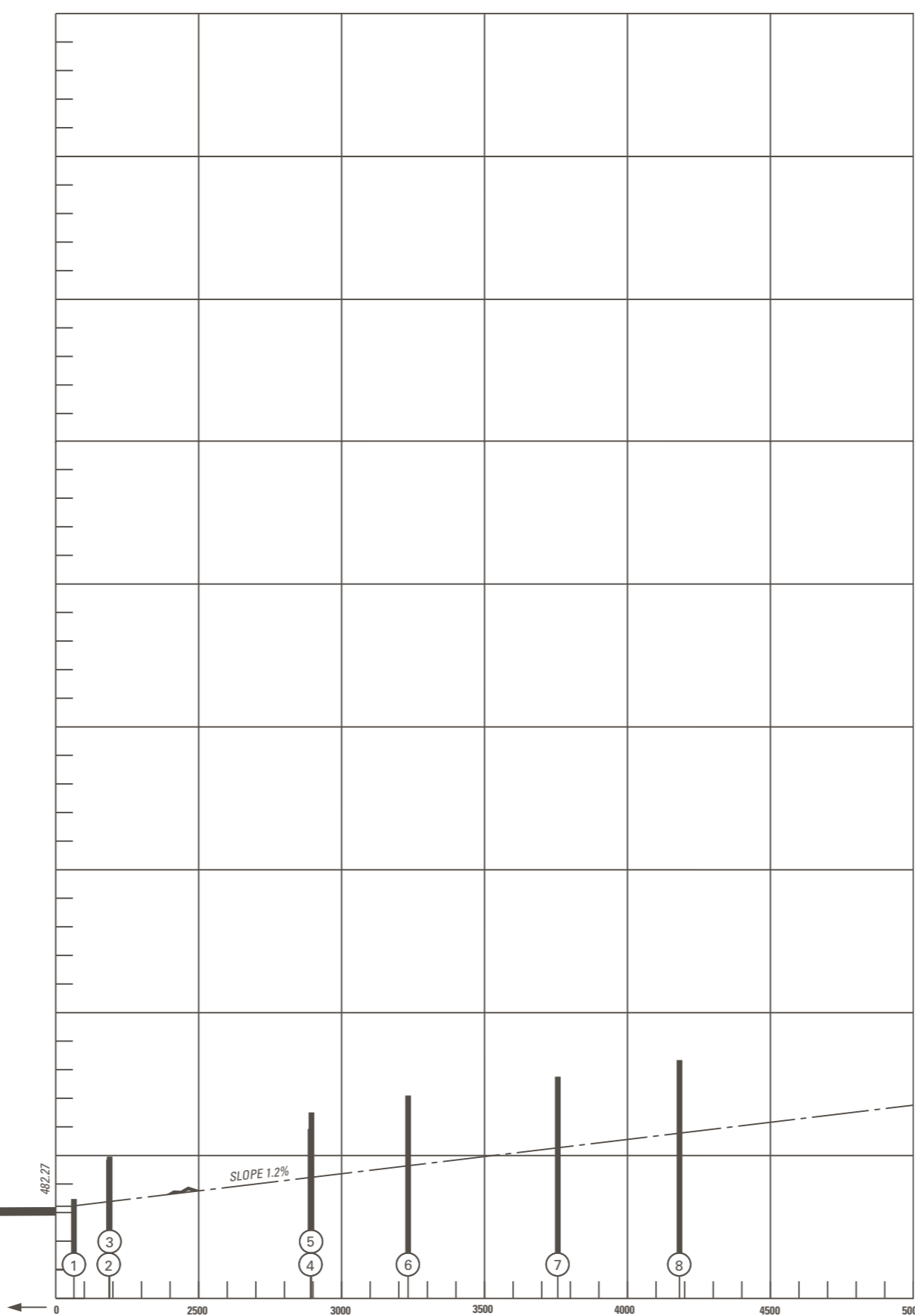
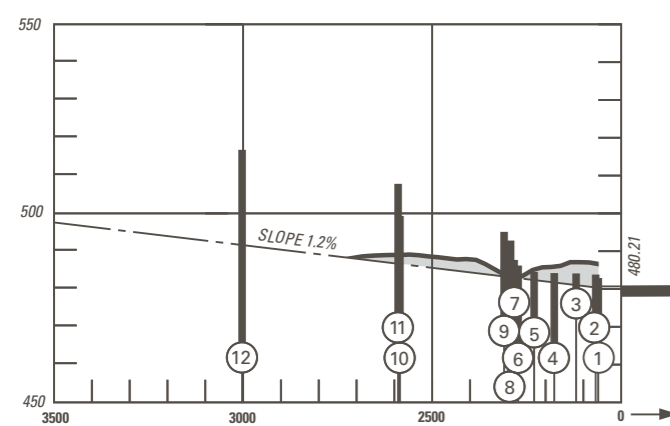
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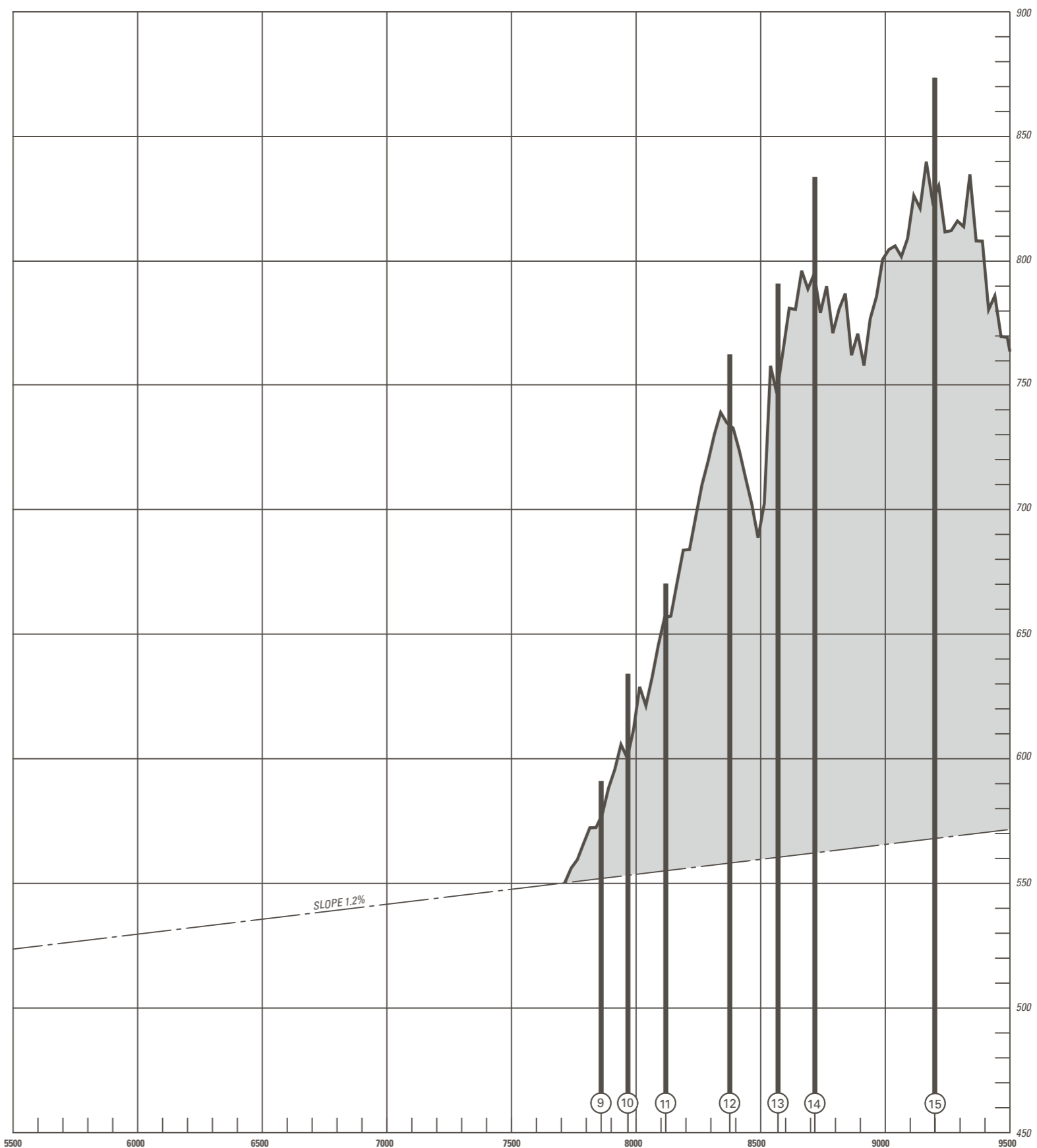
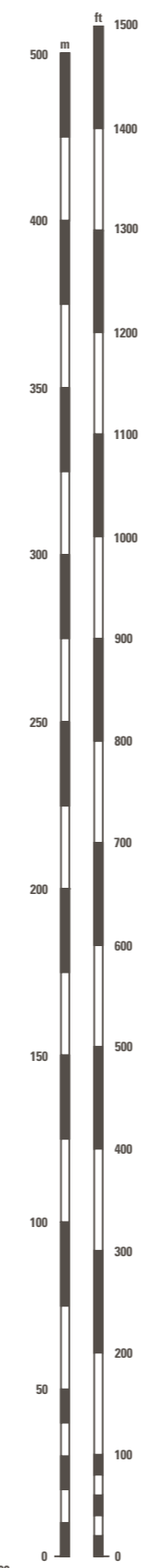
PROFILE RWY: 07-25

- ① Identification number
- ▬ Terrain penetrating obstacle plane

Plan view see LSGS AD 2.24.4-1



VERTICAL SCALE
1 : 2000



COR:THR ELEV (WFO 08DEC2016)

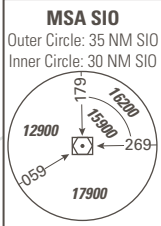
11th Edition

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STANDARD INSTRUMENT DEPARTURE CHART
(SID) - ICAO

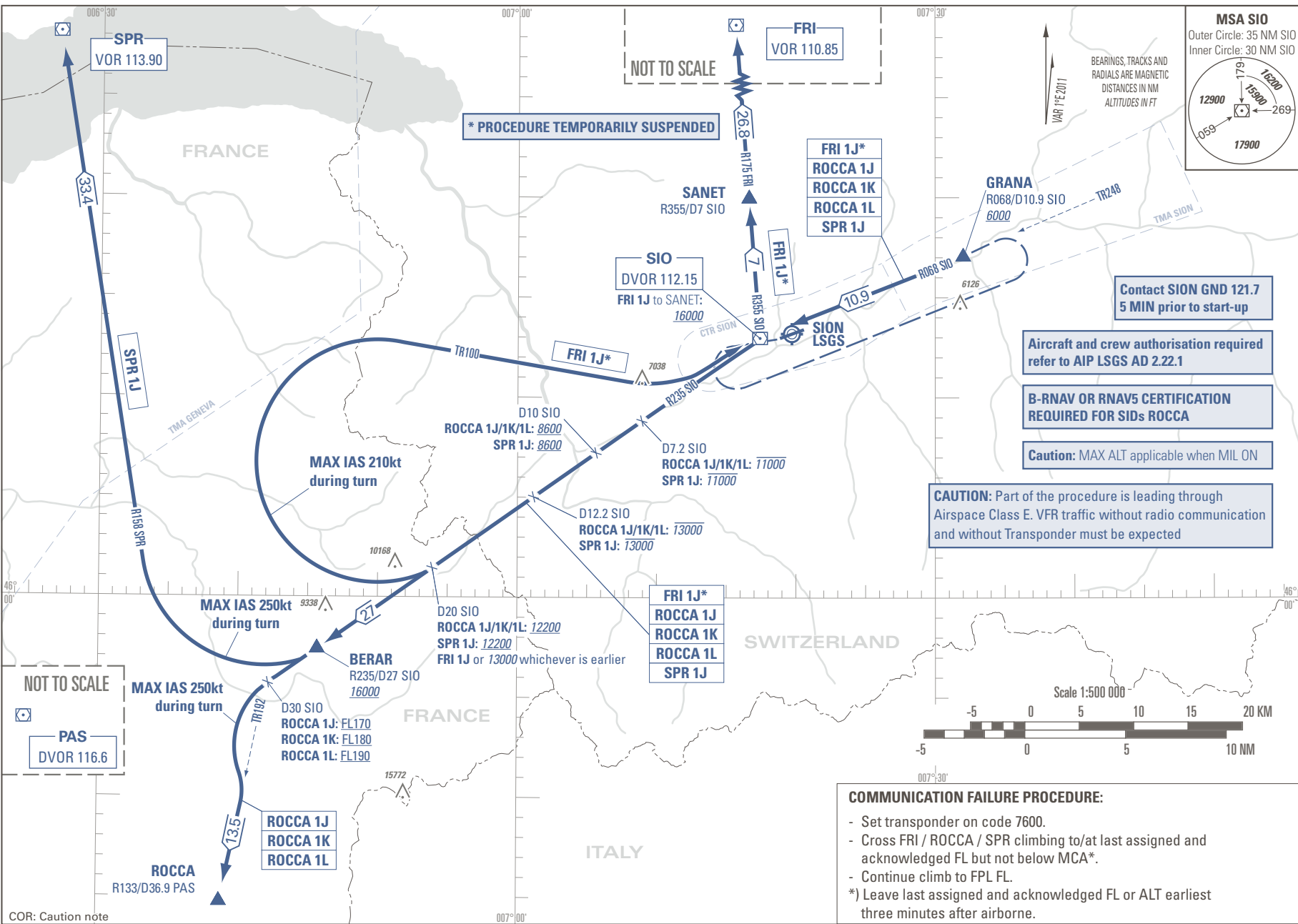
TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

SION LSGS
SID RMY 07/25



BEARINGS, TRACKS AND RADIALS ARE MAGNETIC
DISTANCES IN NM
ALTITUDES IN FT

VAR °E 2011

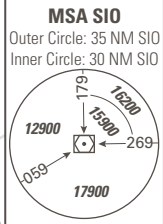


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STANDARD INSTRUMENT DEPARTURE CHART
(SID) - ICAO

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

SION LSGS
HIGH PERFORMANCE
SID RWY 25



Contact SION GND 121.7
5 MIN prior to start-up

Aircraft and crew authorisation required
refer to AIP LSGS AD 2.22.1

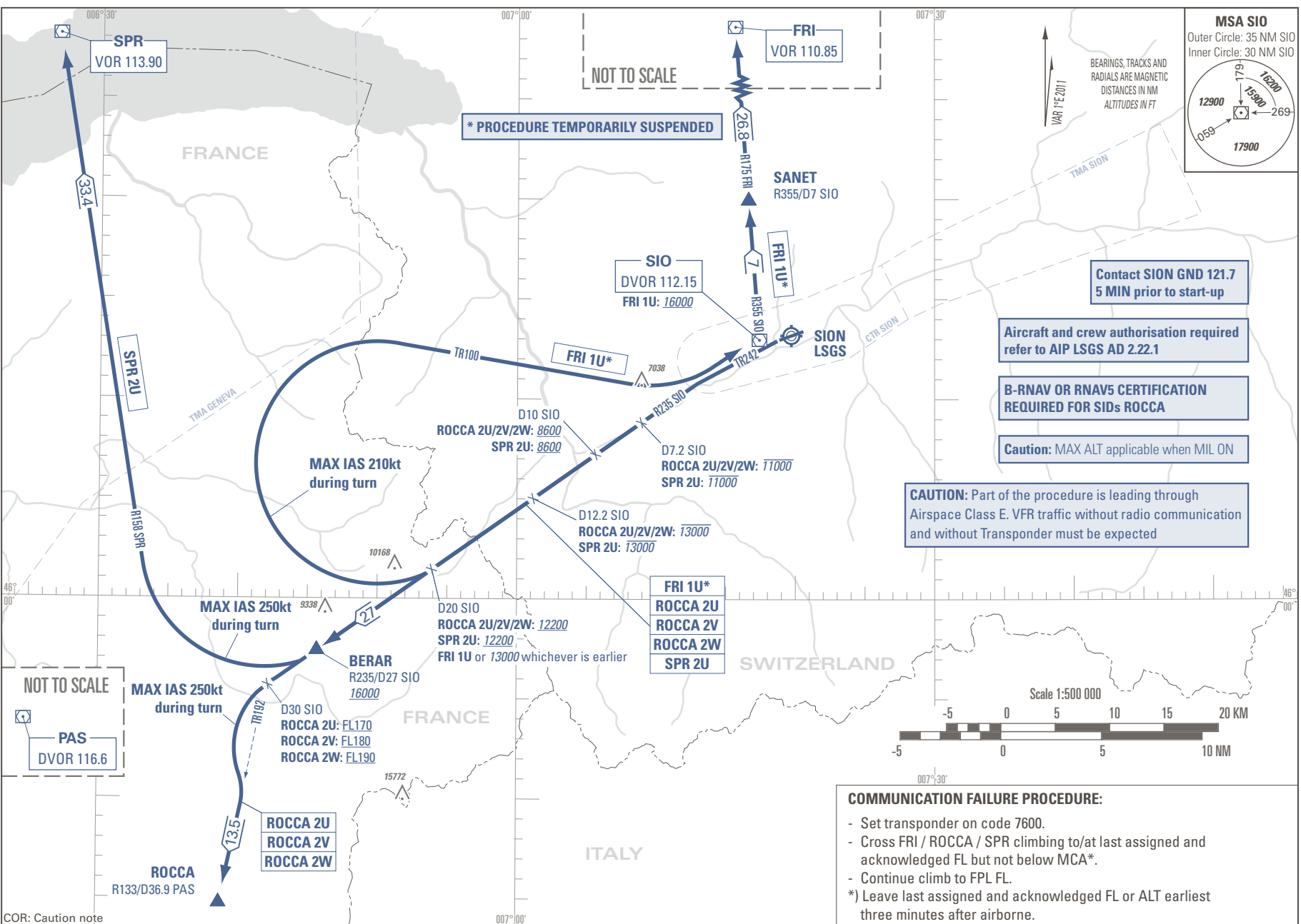
B-RNAV OR RNAV5 CERTIFICATION
REQUIRED FOR SIDs ROCCA

Caution: MAX ALT applicable when MIL ON

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

COMMUNICATION FAILURE PROCEDURE:

- Set transponder on code 7600.
- Cross FRI / ROCCA / SPR climbing to/at last assigned and acknowledged FL but not below MCA*.
- Continue climb to FPL FL.
- *) Leave last assigned and acknowledged FL or ALT earliest three minutes after airborne.



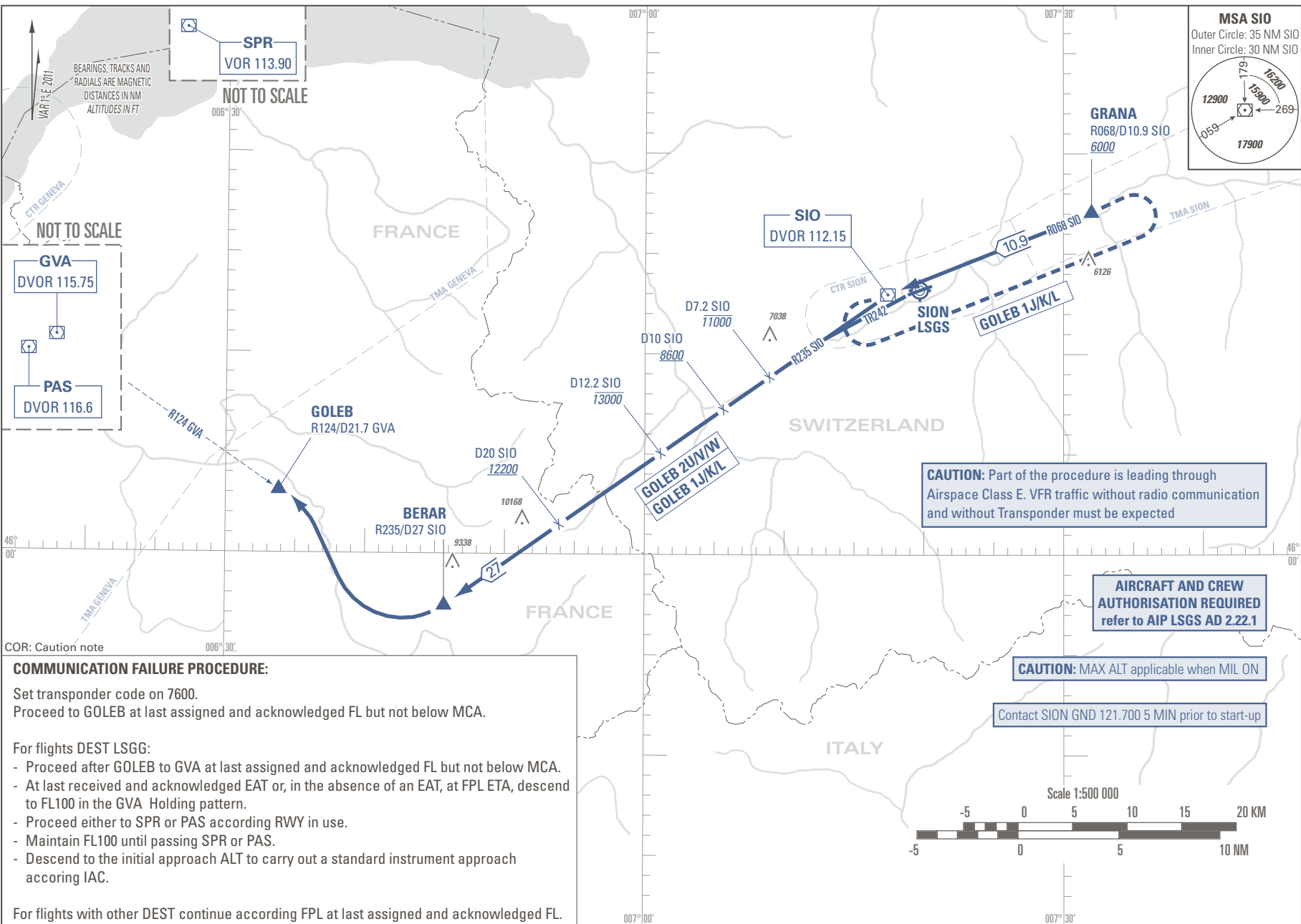
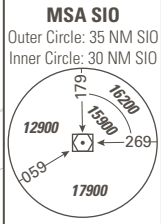
COR: Caution note

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STANDARD INSTRUMENT DEPARTURE CHART
(SID) - ICAO

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 13000

SION LSGS
SID RWY 07/25 ONLY FOR DEST
WITHIN TMA LSGG OR LFLB



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

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

CAUTION: MAX ALT applicable when MIL ON

Contact SION GND 121.700 5 MIN prior to start-up

COMMUNICATION FAILURE PROCEDURE:

Set transponder code on 7600.
Proceed to GOLEB at last assigned and acknowledged FL but not below MCA.

For flights DEST LSGG:

- Proceed after GOLEB to GVA at last assigned and acknowledged FL but not below MCA.
- At last received and acknowledged EAT or, in the absence of an EAT, at FPL ETA, descend to FL100 in the GVA Holding pattern.
- Proceed either to SPR or PAS according RWY in use.
- Maintain FL100 until passing SPR or PAS.
- Descend to the initial approach ALT to carry out a standard instrument approach according IAC.

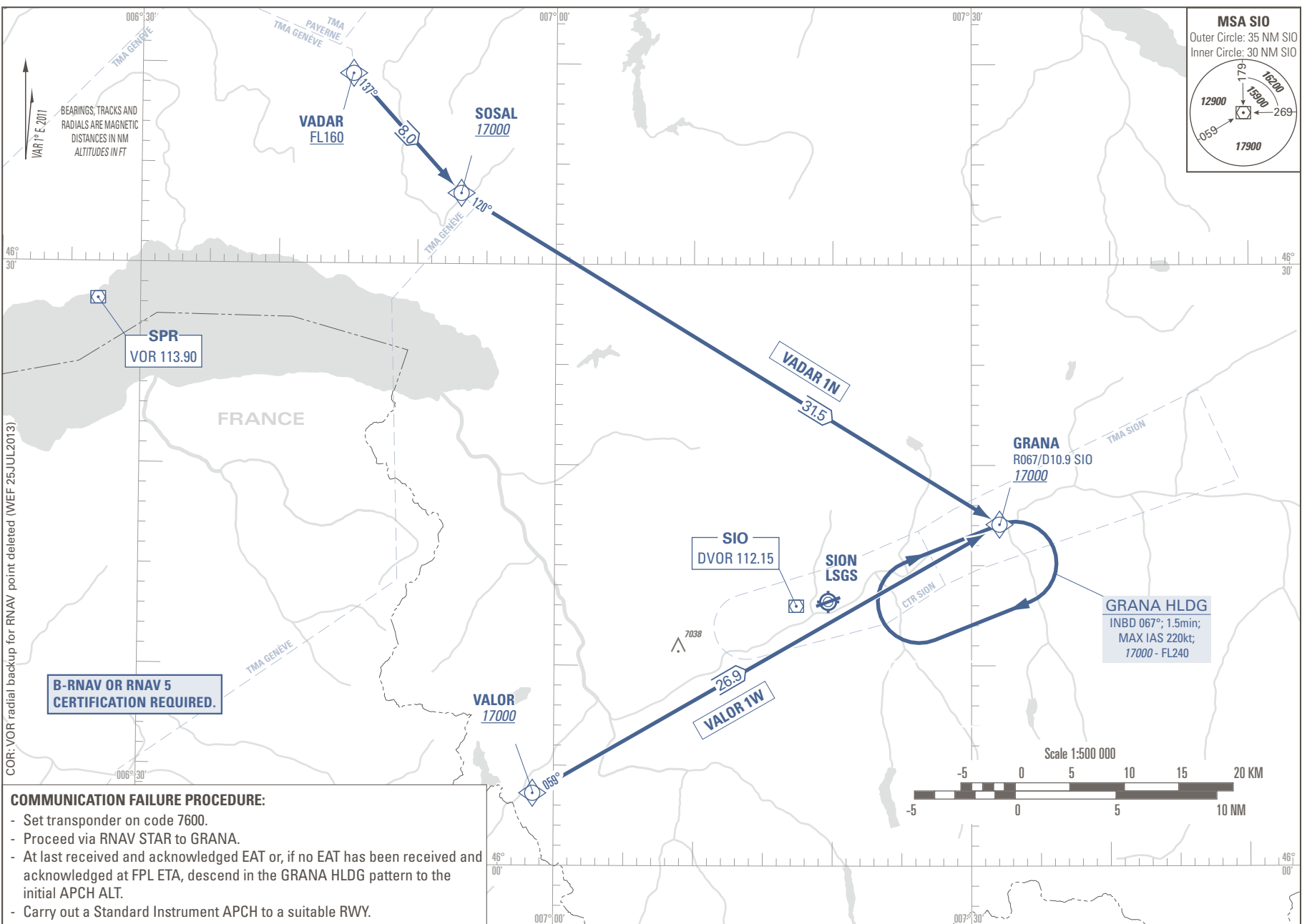
For flights with other DEST continue according FPL at last assigned and acknowledged FL.

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STANDARD INSTRUMENT ARRIVAL CHART
(STAR) - ICAO

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

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



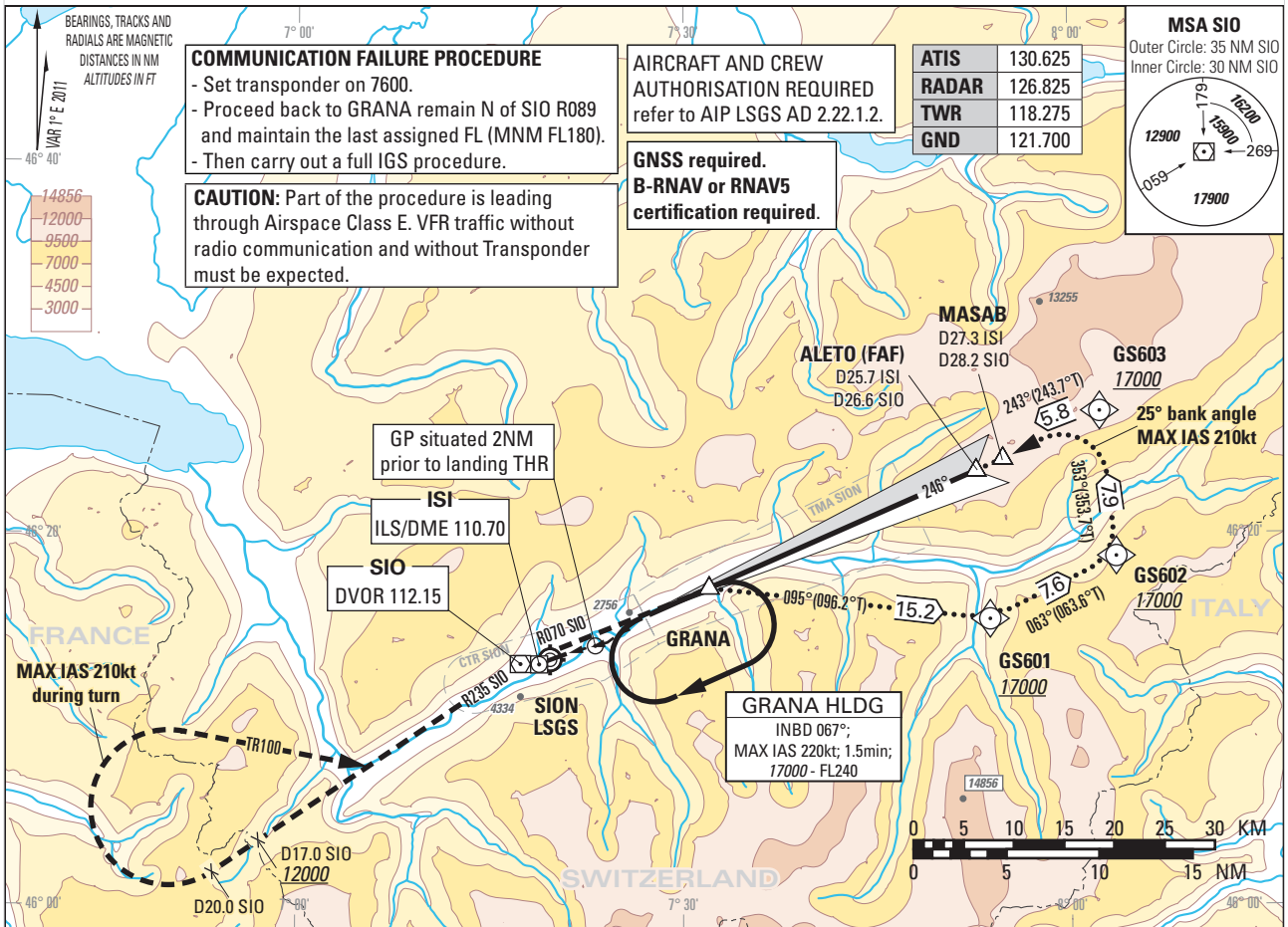
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Instrument Approach Chart
(IAC) - ICAO
(IGS instruction: see LSGS AD 2.22)

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°



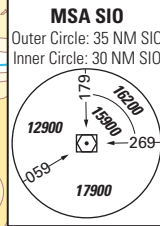
COMMUNICATION FAILURE PROCEDURE
- Set transponder on 7600.
- Proceed back to GRANA remain N of SIO R089 and maintain the last assigned FL (MNM FL180).
- Then carry out a full IGS procedure.

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

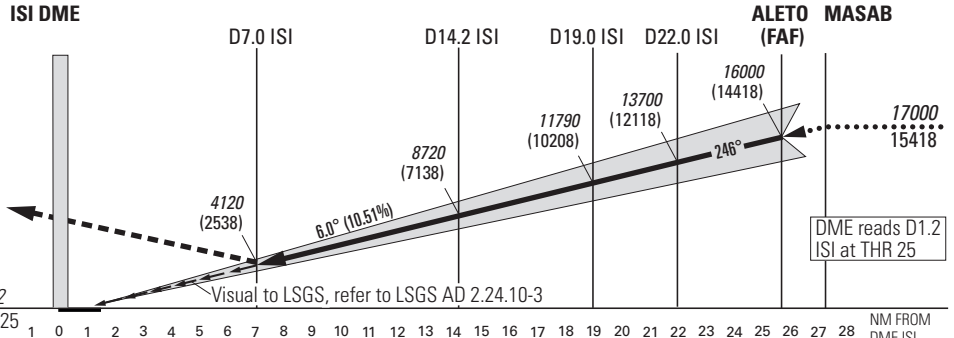
AIRCRAFT AND CREW AUTHORISATION REQUIRED
refer to AIP LSGS AD 2.22.1.2.

GNSS required. B-RNAV or RNAV5 certification required.

ATIS 130.625
RADAR 126.825
TWR 118.275
GND 121.700



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		
	DECISION ALTITUDE (HEIGHT)				
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

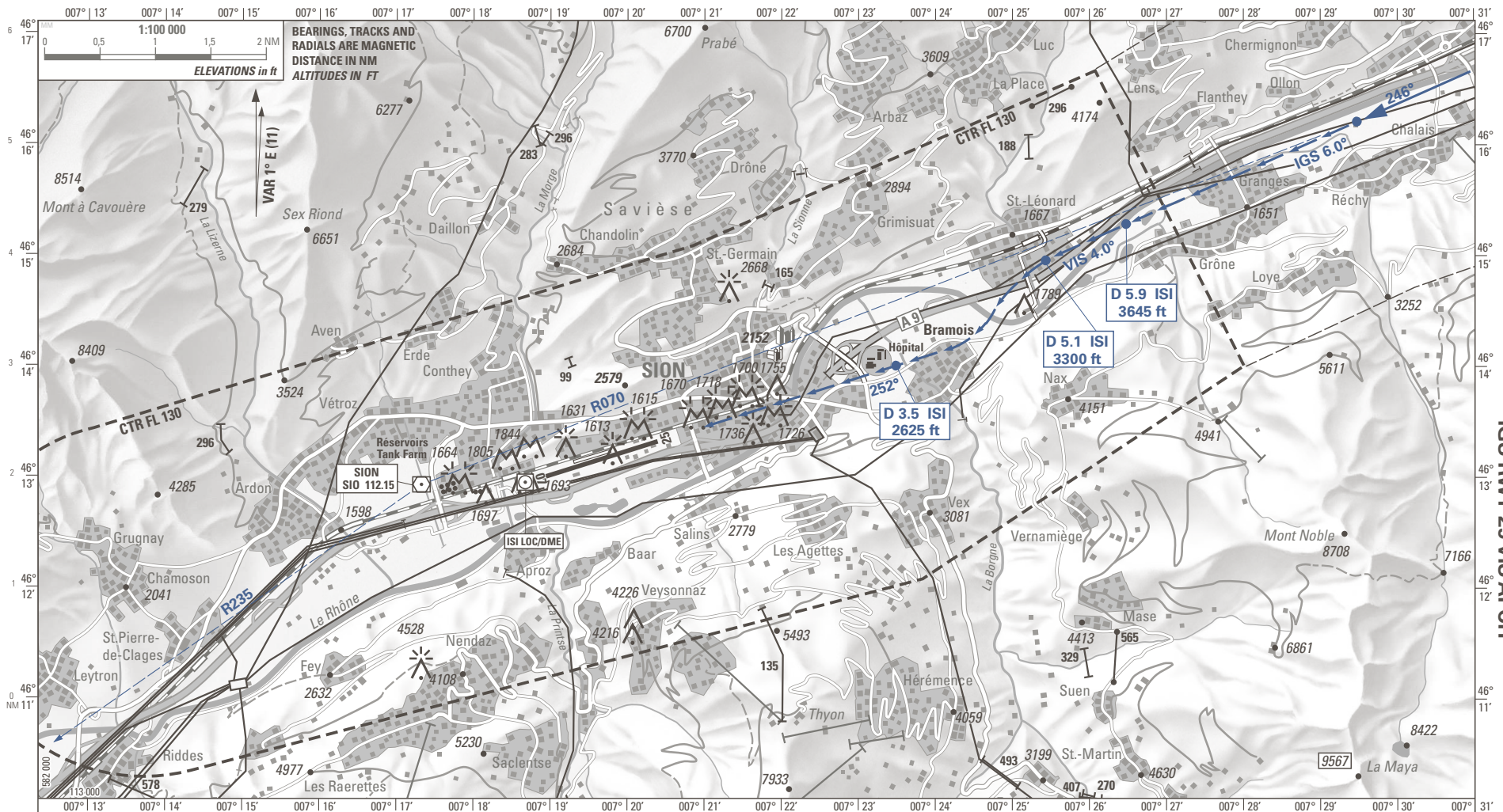
REMARK
- APCH PROHIBITED IF GP U/S.
- Table for temperature deviation from ISA. See LSGS AD 2.23.2.
- Final approach offset 7° from RWY centerline.
- If unable to comply with MNM HLDG speed, inform ATC.

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: Caution text box (WEF 26APR2018)

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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.

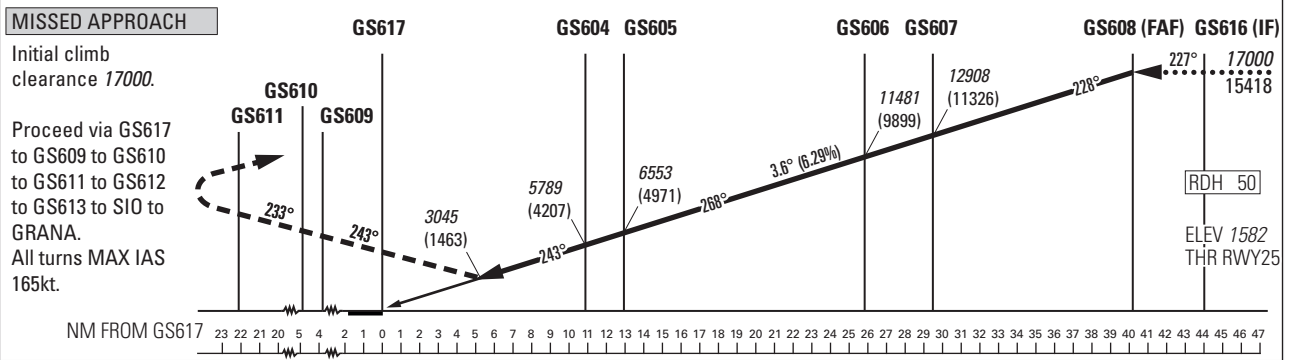
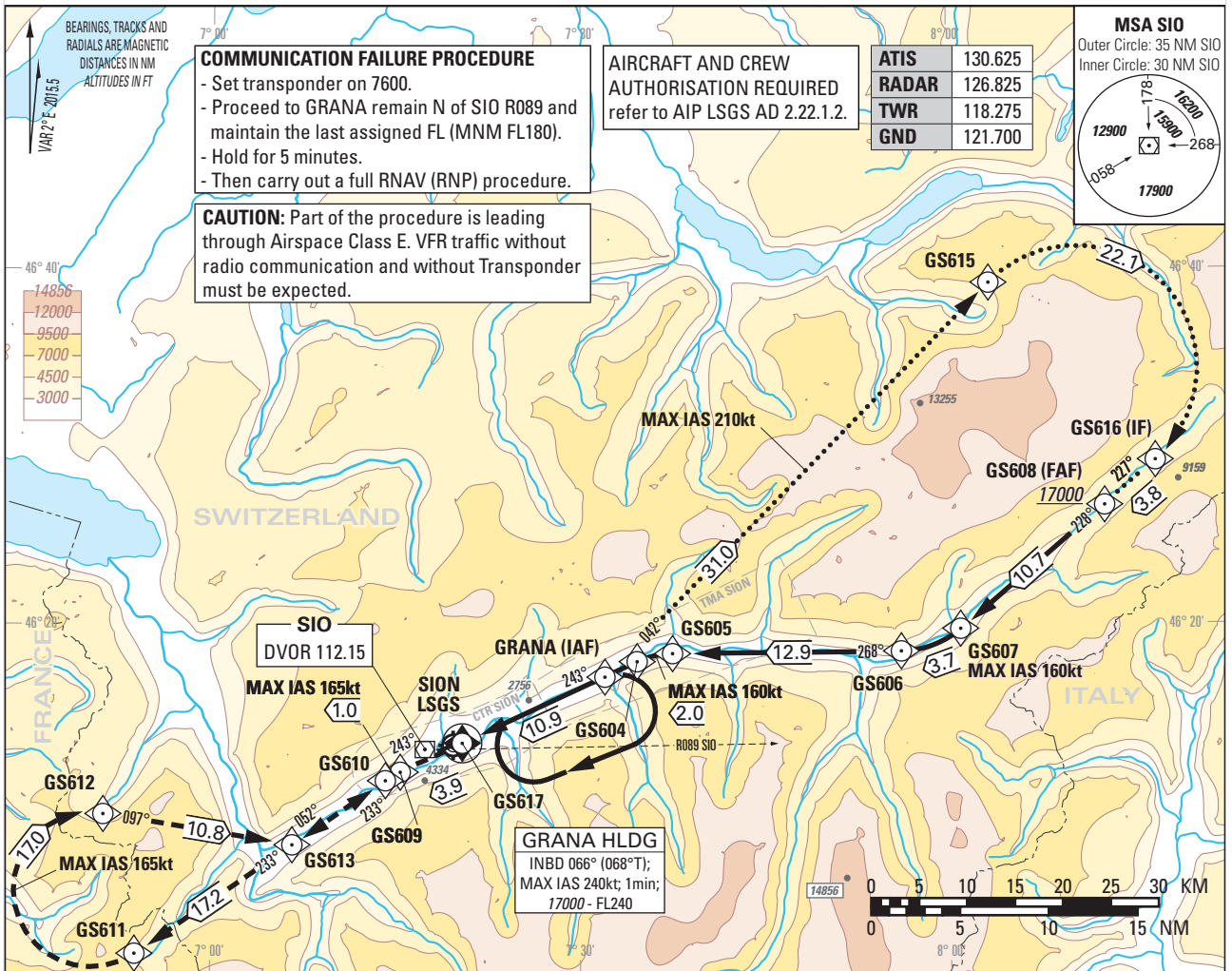
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Instrument Approach Chart
(IAC) - ICAO

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	1020

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.

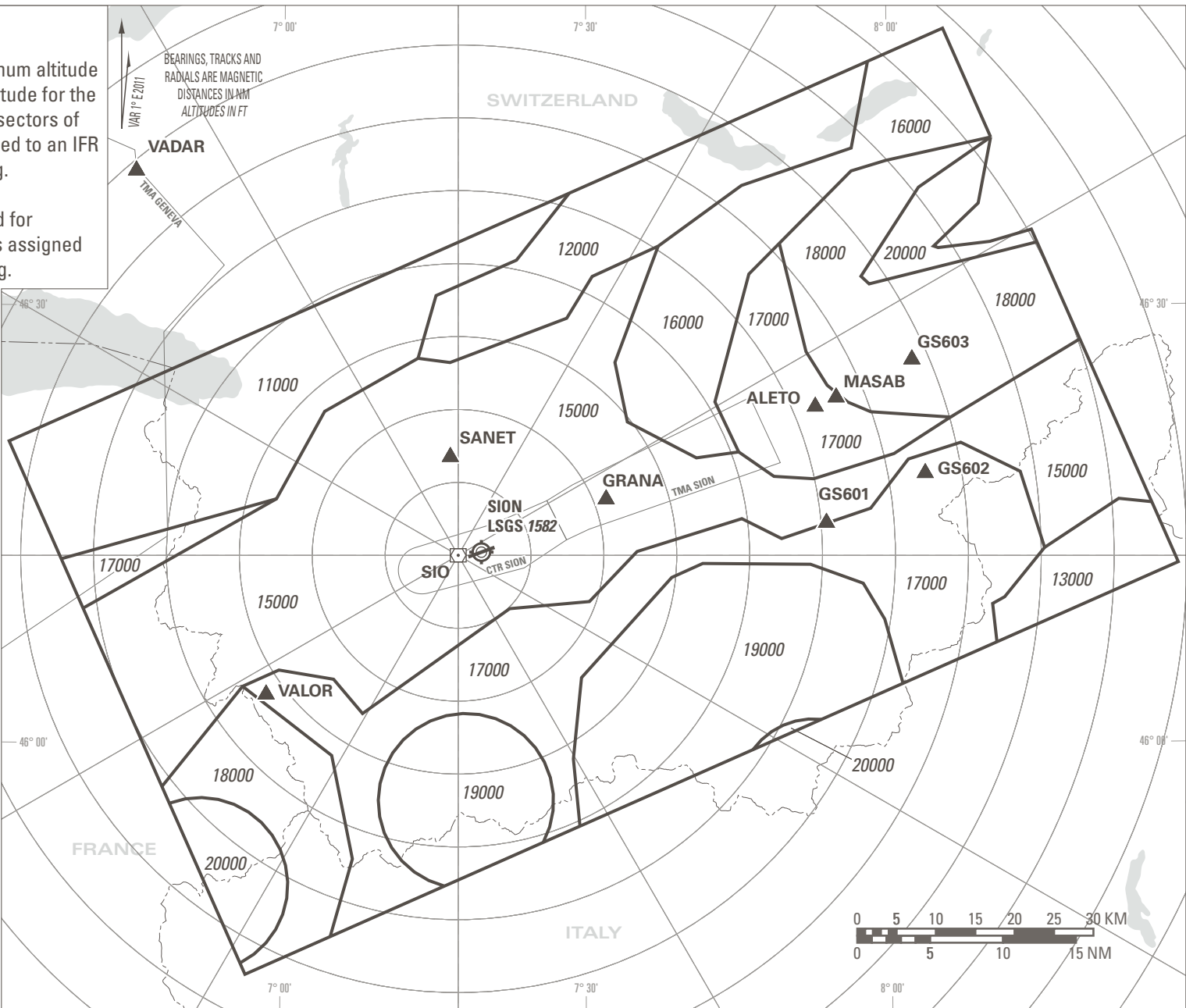
CAUTION

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

COR: Caution text box (WEF 26APR2018)

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



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 from minus 15 to minus 7 degrees Celsius (LSGS temperature).

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

COR: AD ELEV (WEF 08DEC2016)

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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.

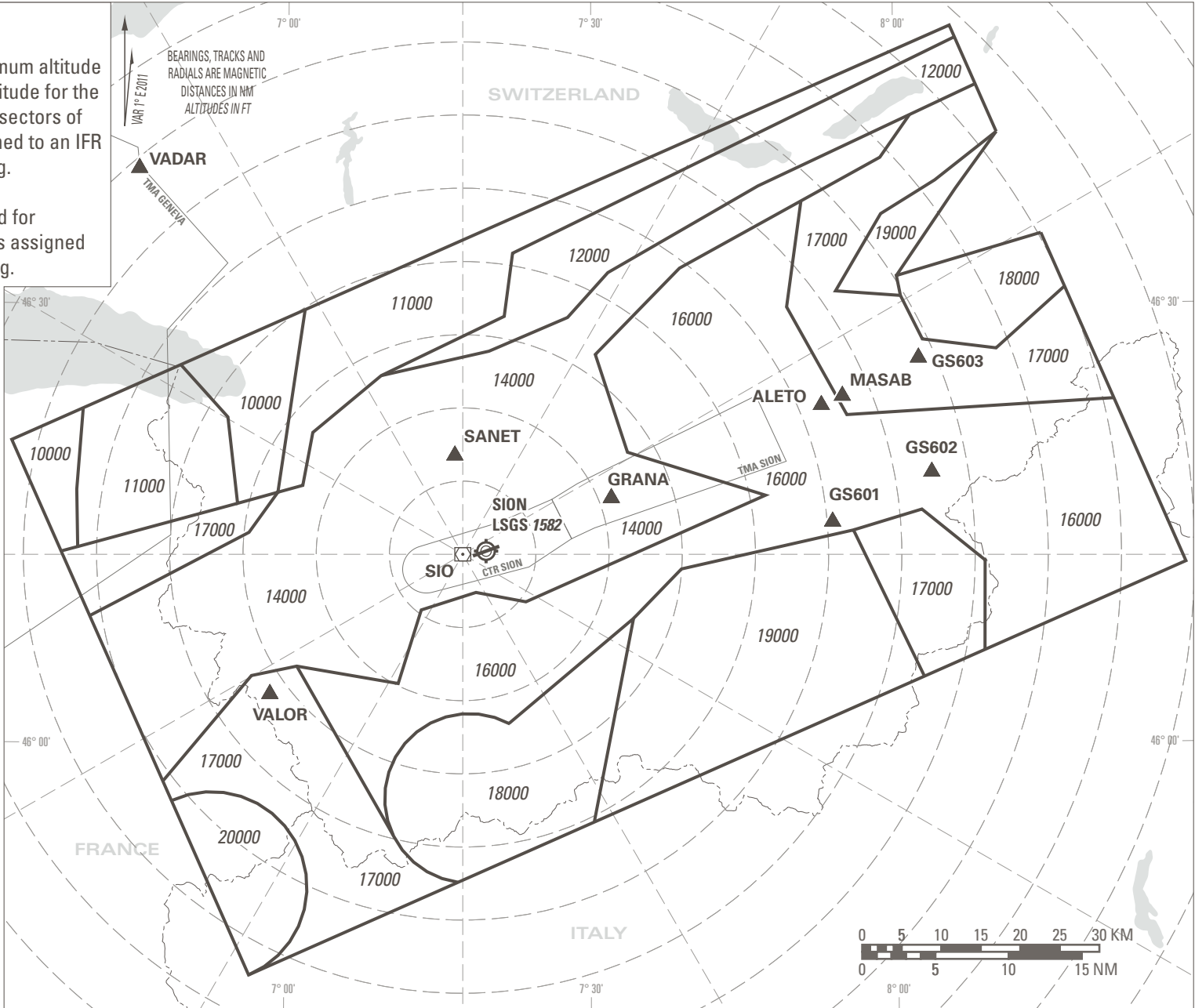
Altitudes: LSGS QNH.
Transition ALT : 17000

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.

COR: AD ELEV (WEF 08DEC2016)



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

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