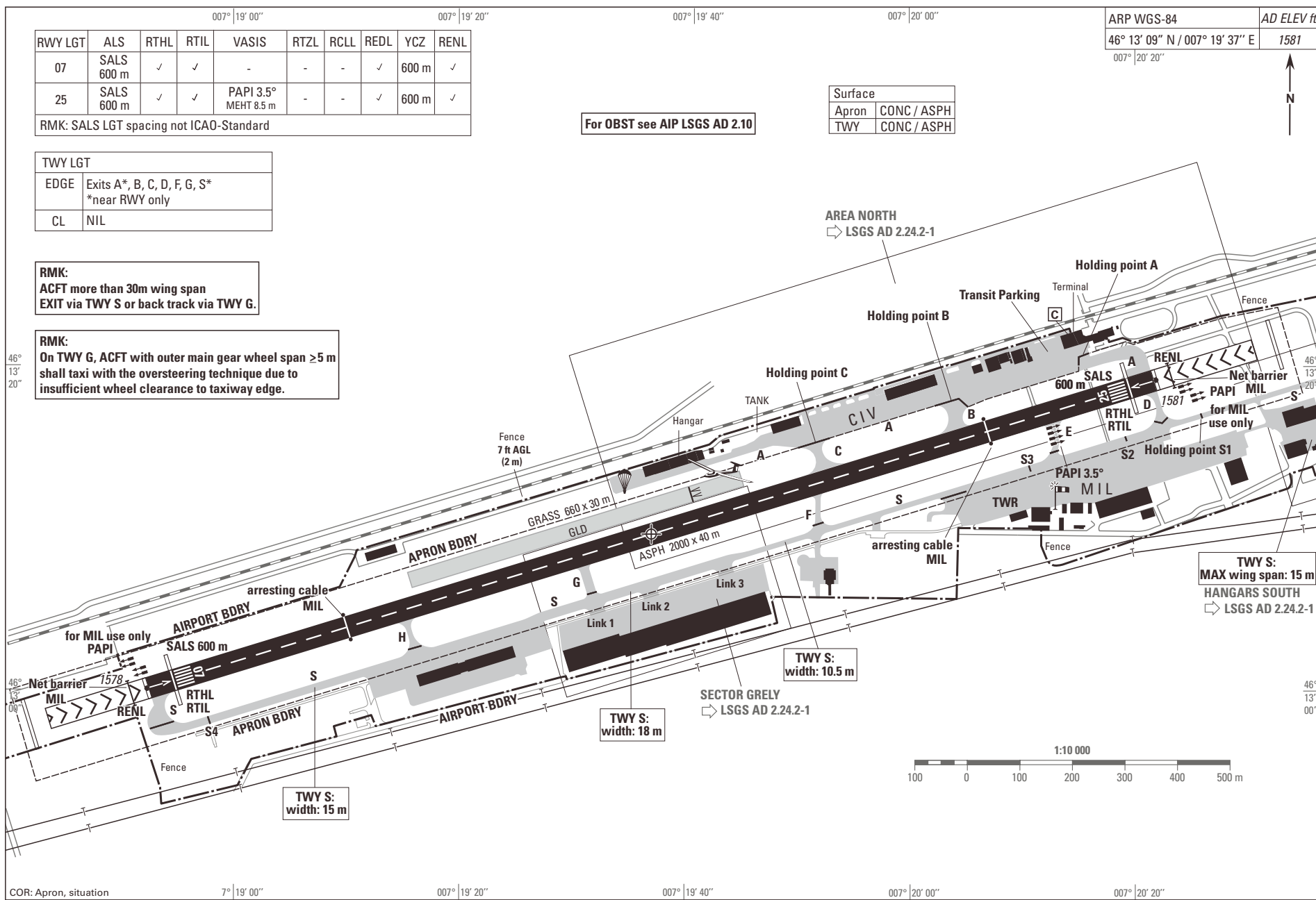
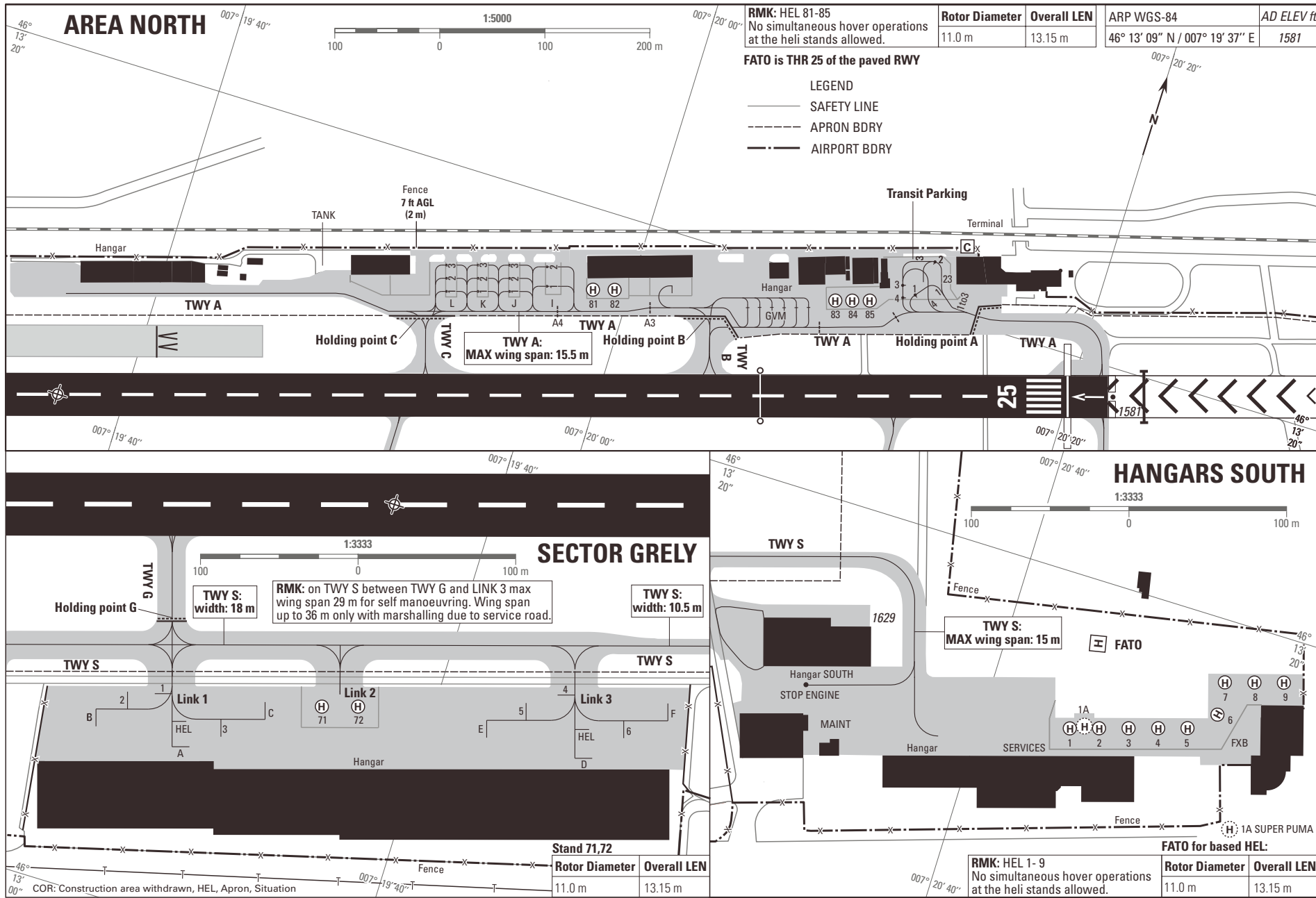




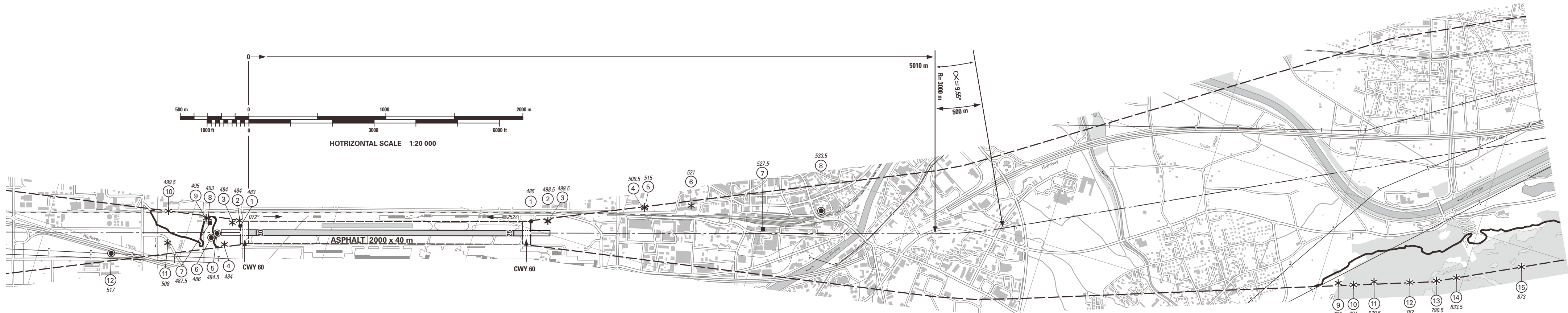


VAR 1° E (2011)

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
1955	LANDING DISTANCE AVAILABLE	1960



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

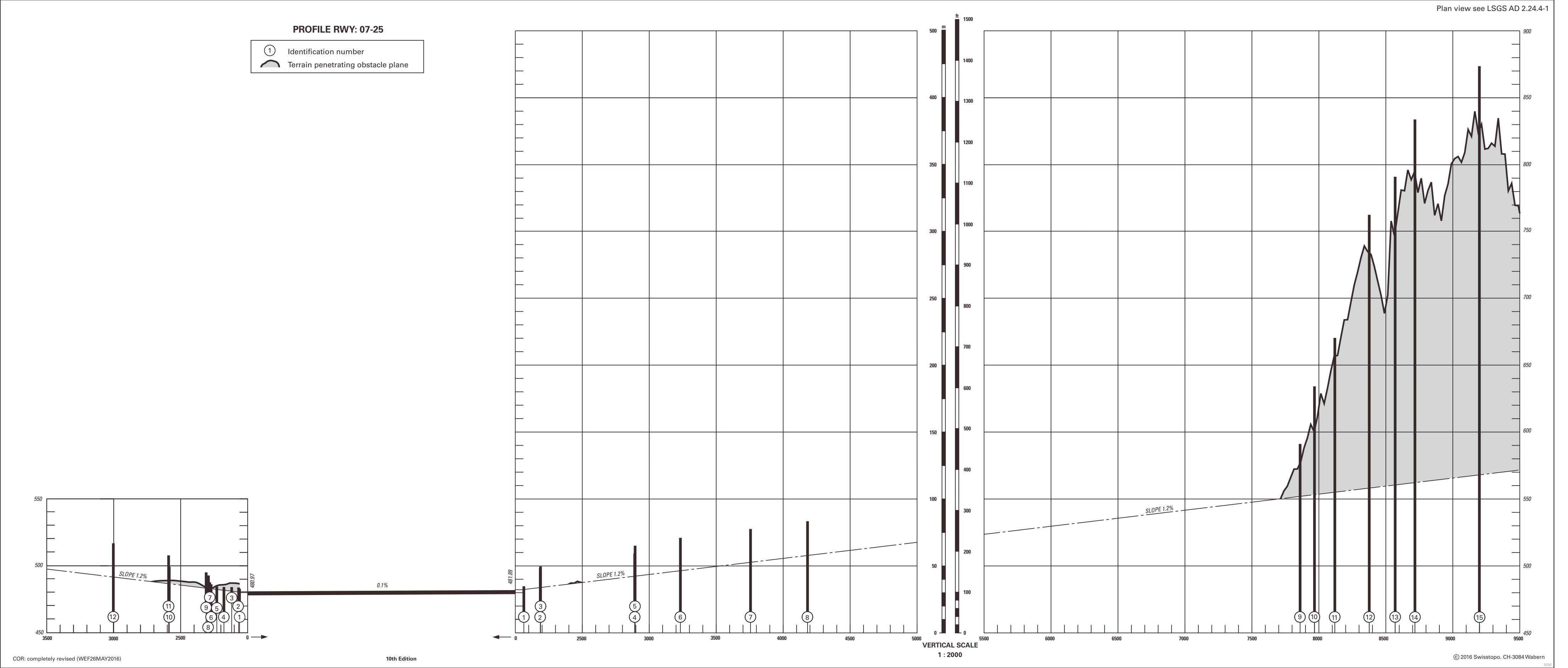
ORDER OF ACCURACY ACCORDING TO ICAO REQUIREMENTS

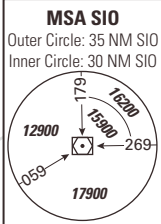
CTN: MIL net barrier within runway strip

COR: completely revised (WEF26MAY2016)

10th Edition

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MM





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

**Contact SION GND 121.7
5 MIN prior to start-up**

**Aircraft and crew authorisation required
refer to AIP LSGS AD 2.22.1**

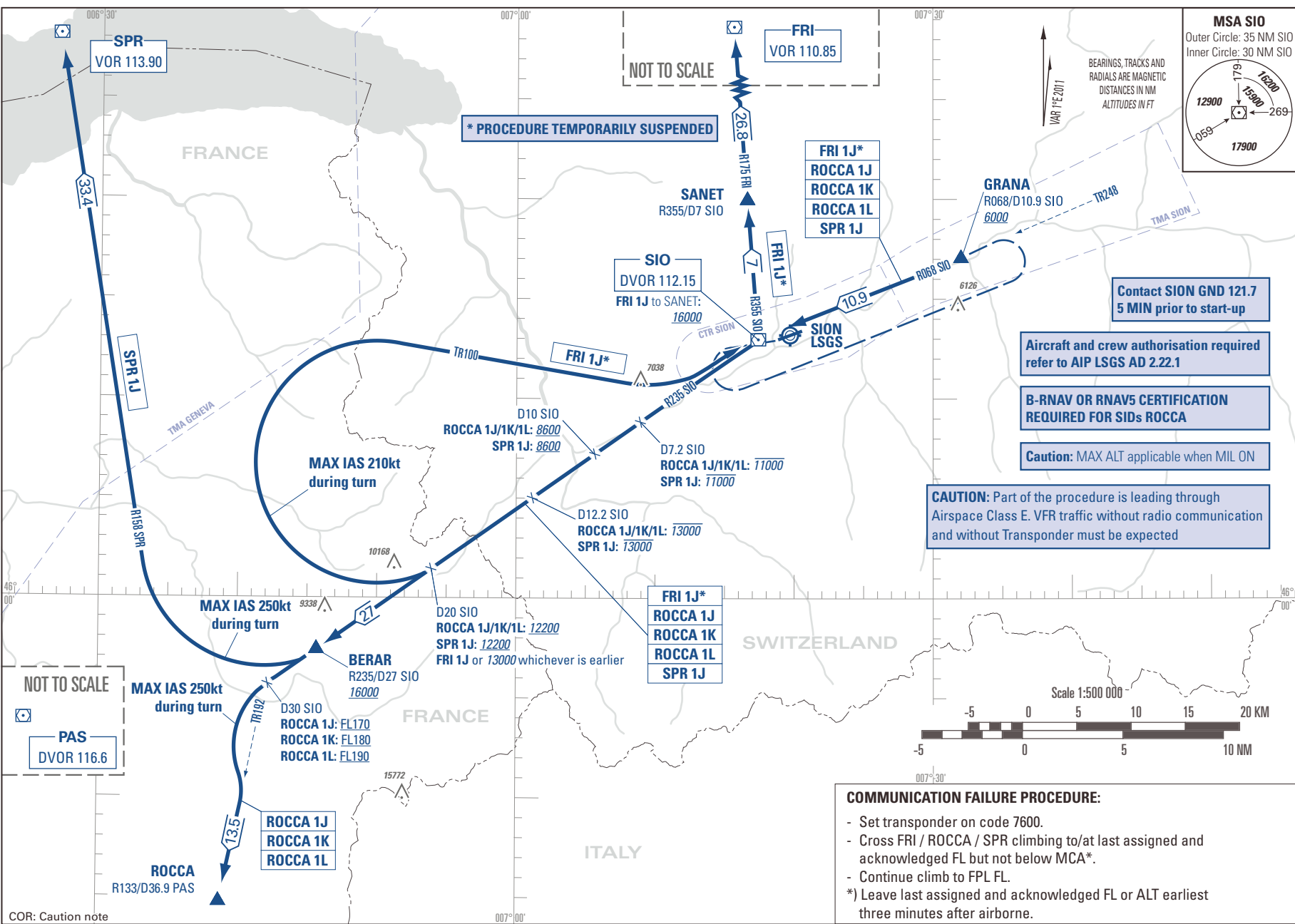
**B-RNAV OR RNAV5 CERTIFICATION
REQUIRED FOR SID_s ROCCA**

Caution: MAX ALT applicable when MIL ON

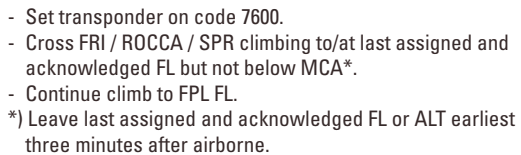
CAUTION: Part of the procedure is leading through Airspace Class E. VFR traffic without radio communication and without Transponder must be expected

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.

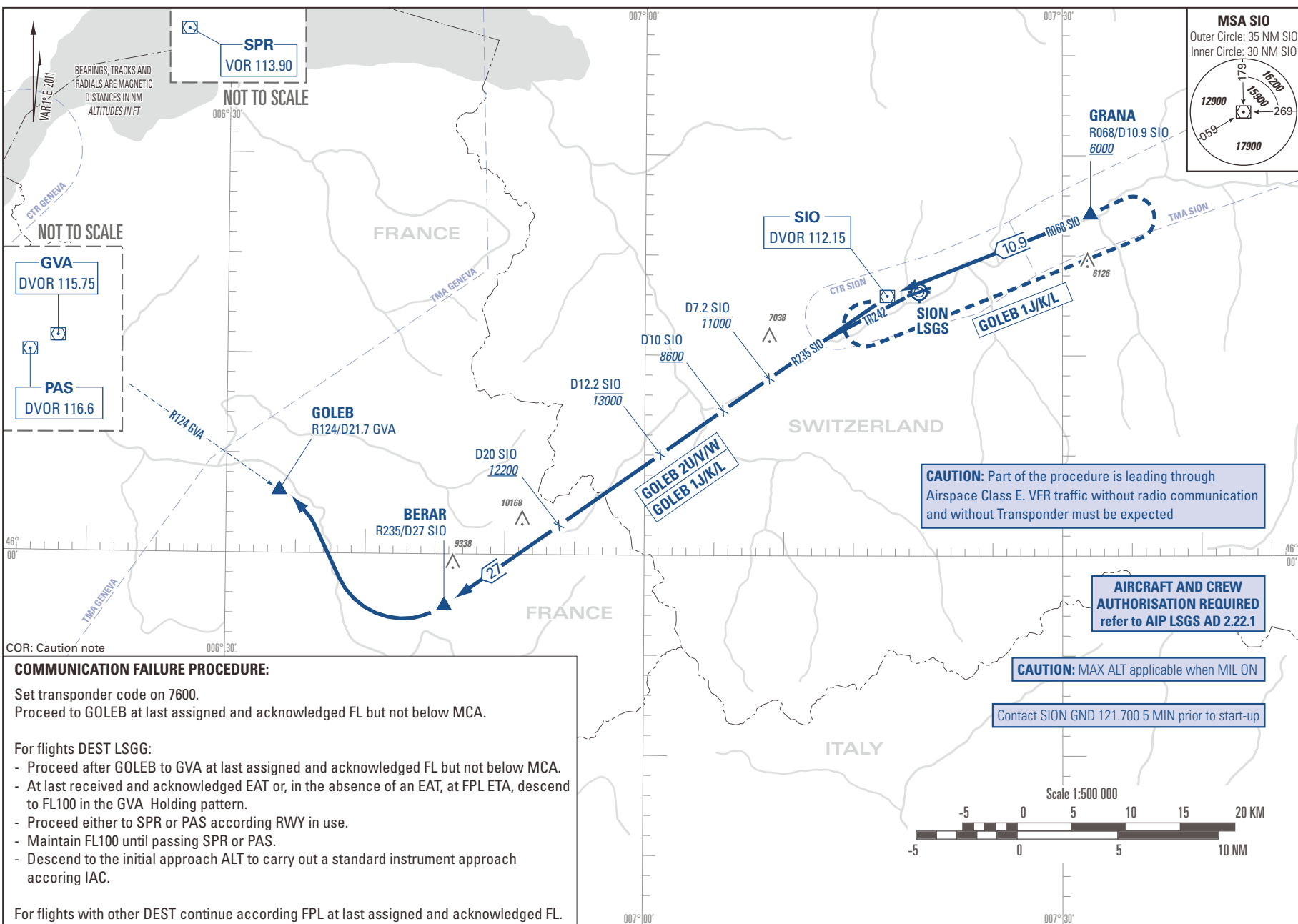
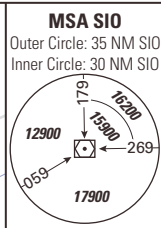


**SION LSGS
HIGH PERFORMANCE
SID RWY 25**



TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 13000

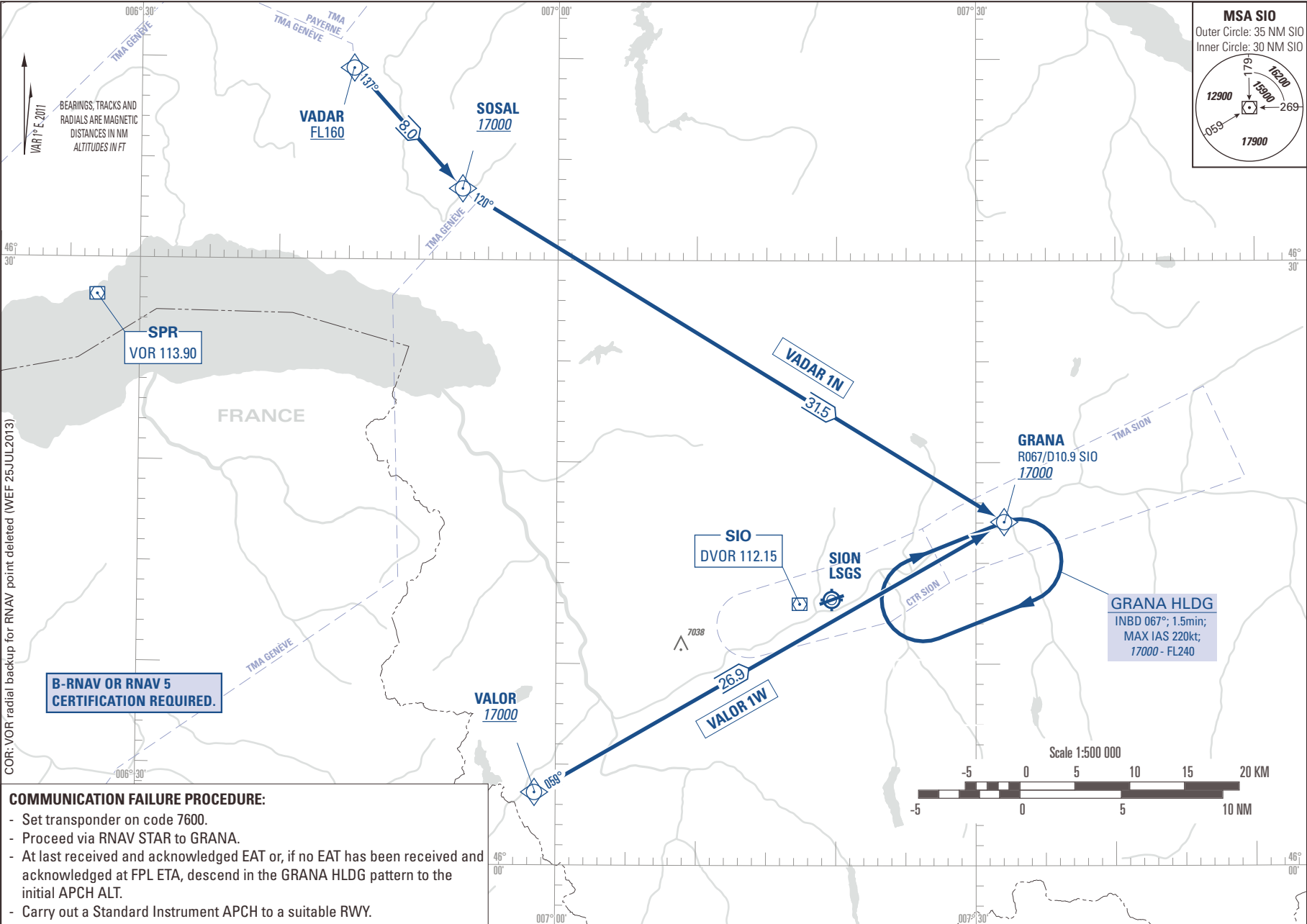
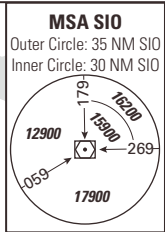
SID Rwy 07/25 ONLY FOR DEST
WITHIN TMA LSGG OR LFLB



STANDARD INSTRUMENT ARRIVAL CHART
(STAR) - ICAO

TRANSITION LEVEL by ATC
TRANSITION ALTITUDE 17000

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



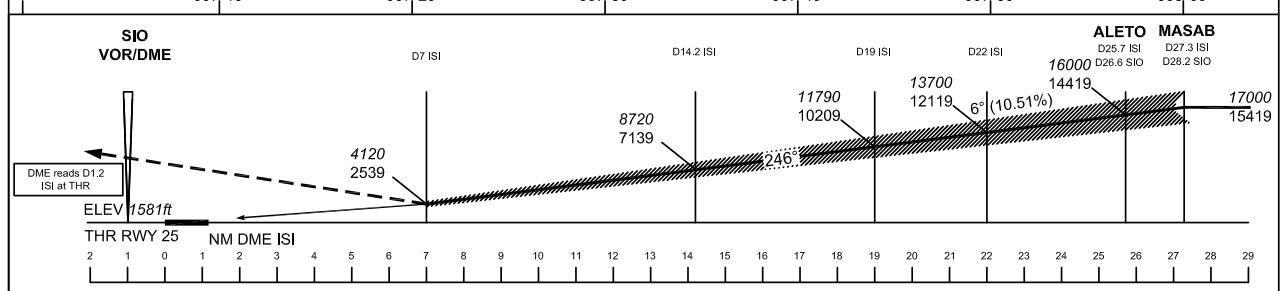
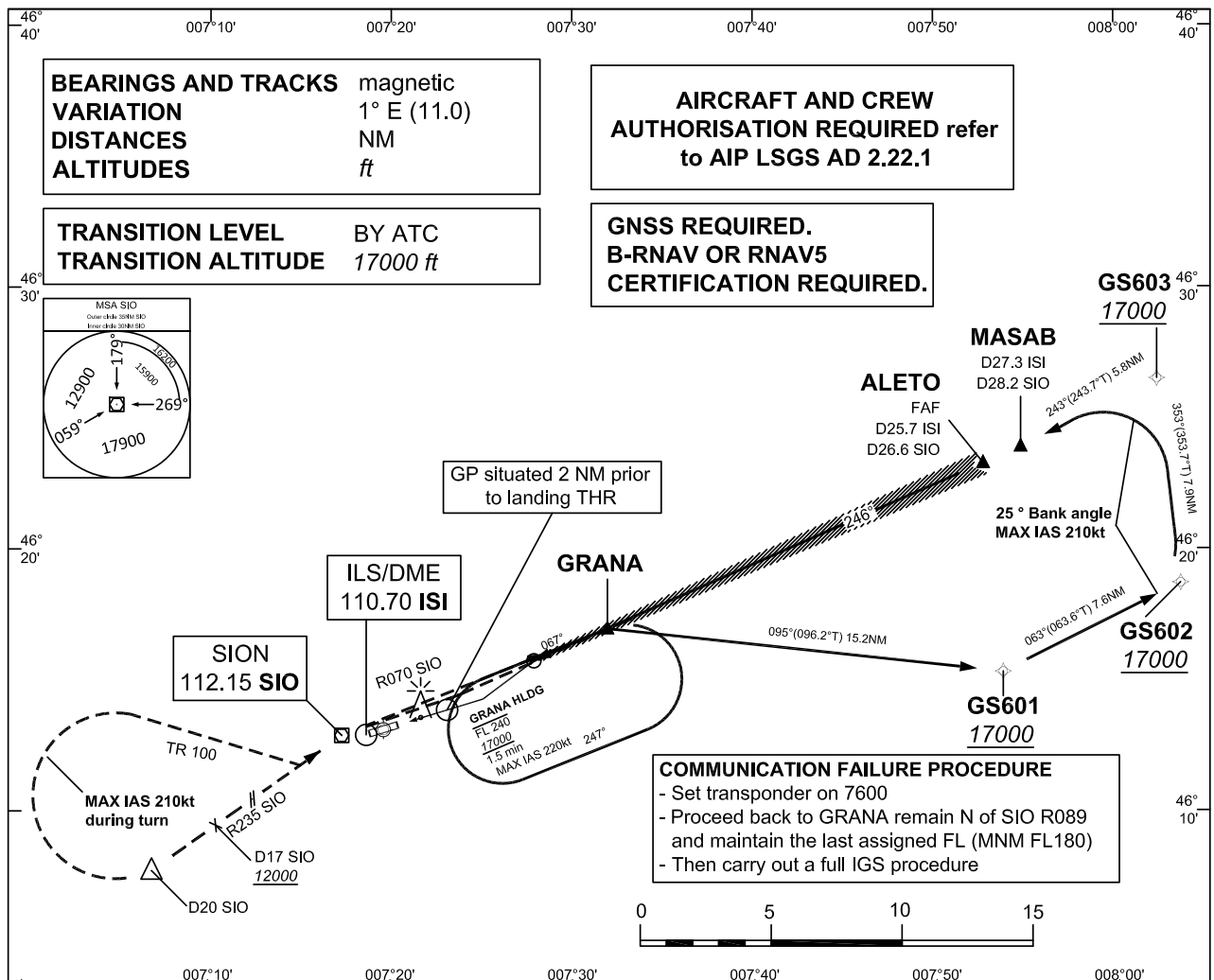
INSTRUMENT
APPROACH
CHART
ICAO

ELEV 1581ft

RADAR	Sion	126.825	122.350
TWR	Sion	118.275	
GND	Sion	121.700	
ATIS	Sion	130.625	

SION

IGS RWY 25 (CAT A/B/C)
(IGS instruction: see LSGS AD 2.22)
Glide path 6°, visual part 3.5°



MISSED APPROACH

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

DA / H	Missed APCH climb gradient	A	B	C	VIS
Straight - in approach	2.5%	6550 ft / 4970 ft ¹⁾			5 km
	3.0%	6110 ft / 4530 ft ¹⁾			5 km
	3.5%	5670 ft / 4090 ft ¹⁾			5 km
	4.0%	5230 ft / 3650 ft ¹⁾			5 km
	4.5%	4790 ft / 3210 ft ¹⁾			5 km
	5.0%	4350 ft / 2770 ft ¹⁾			5 km
Circling north of AD only	5.5%	4120 ft / 2540 ft ¹⁾			5 km
		A = 3700	B = 5400 (MAX IAS 125 kt)	C = Prohibited	
		VIS 5 km	VIS 5 km		

COR : ATIS (WEF 05FEB2015)

General notes :

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

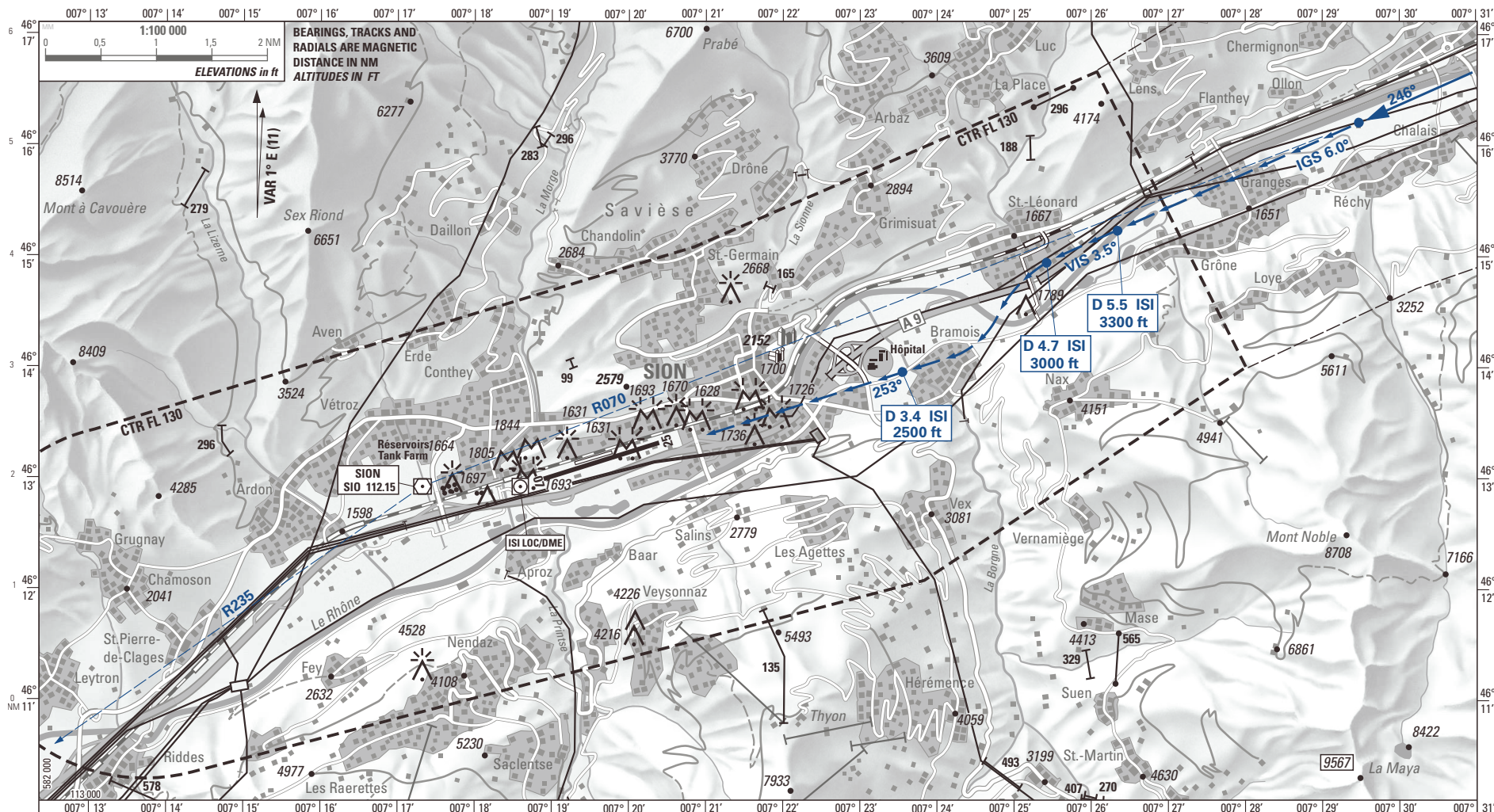
Remarks :

- CTN : This is not a standard approach angle
- CTN : Visual segment surface not free of obstacles (see visual chart)

Table notes : 1) Special training required

2) Night circling prohibited

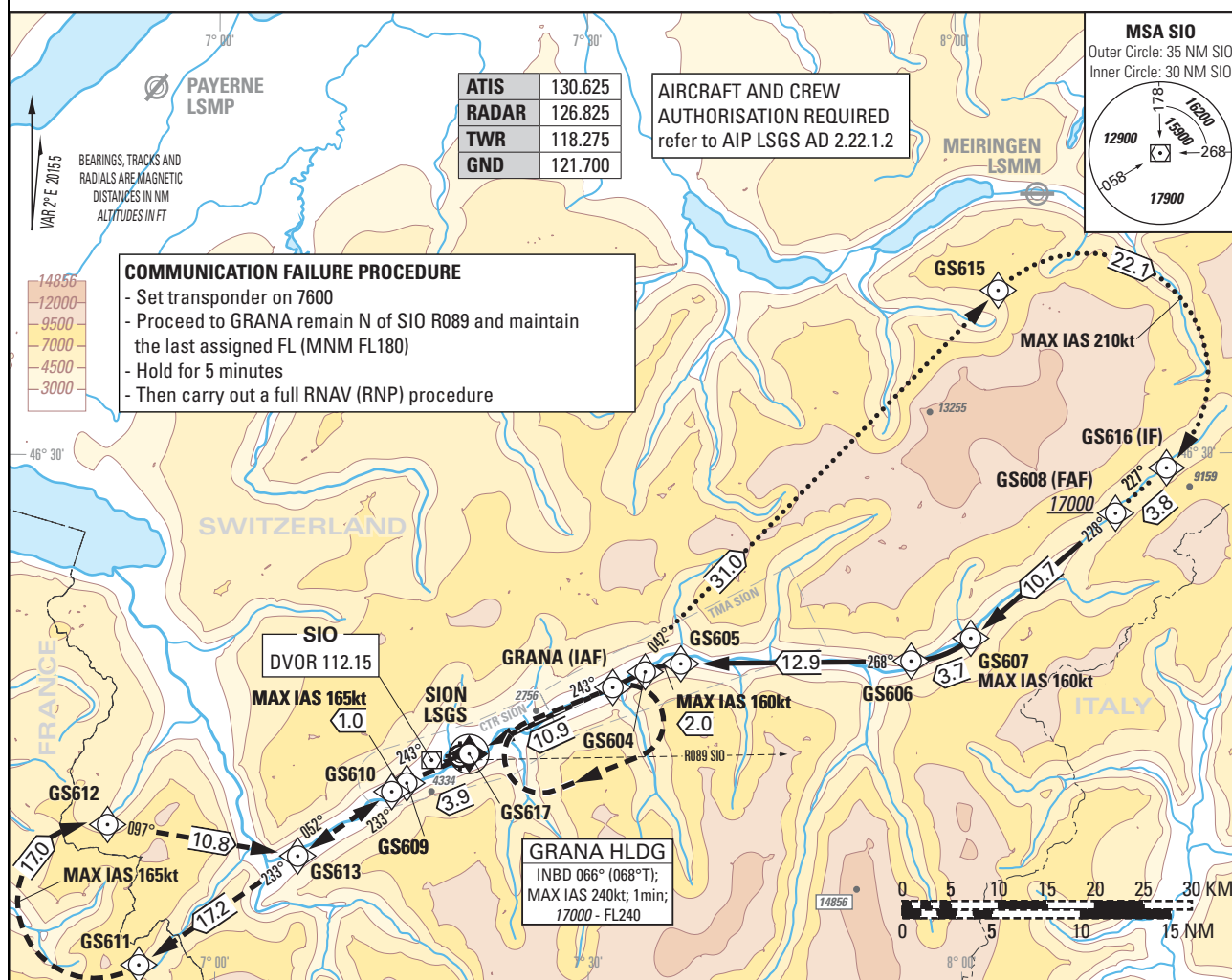
DME ISI	27.3	25.7	25	24	23	22	21	20	19	18	17
Dist THR	26.1	24.5	23.8	22.8	21.8	20.8	19.8	18.8	17.8	16.8	15.8
ALT	16980	15960	15510	14870	14240	13700	12960	117320	11680	11040	10400
DME ISI	16	15	14	13	12	11	10	9	8	7	
Dist THR	14.8	13.8	12.8	11.8	10.8	9.8	8.8	7.8	6.8	5.8	
ALT	9770	9130	8490	7850	7210	6570	5930	5300	4660	4020	



NOTE: The altitudes along the visual approach track are for pilots guidance only.
They are calculated with distance and approach angle (3.5°) and do not
grant any terrain clearance according to PANS OPS.
LOC information unreliable between D0 ISI and D7 ISI,
use DME information only.

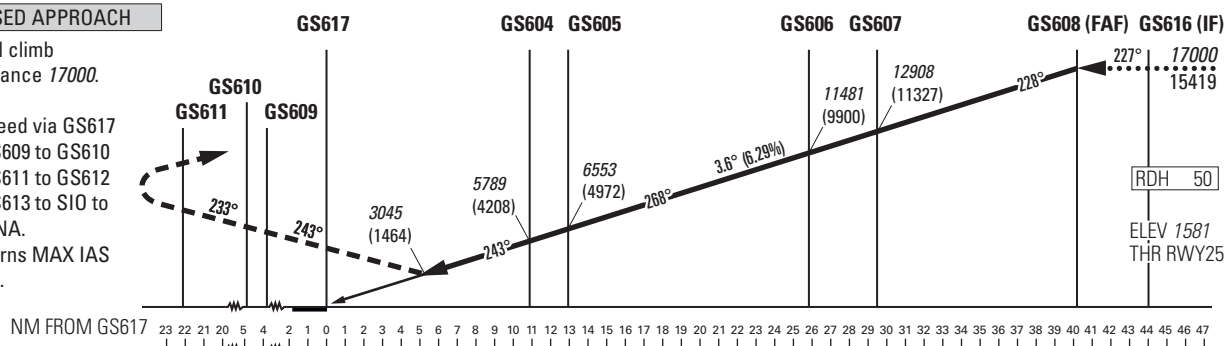
TRANSITION LEVEL	by ATC
TRANSITION ALTITUDE	17000

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



Initial climb
clearance 17000.

Proceed via GS617
to GS609 to GS610
to GS611 to GS612
to GS613 to SIO to
GRANA.
All turns MAX IAS
165kt.



DECISION ALTITUDE (HEIGHT)	Missed APCH climb gradient requirement	STRAIGHT-IN APPROACH		
		A	B	C
RNP AR 0.3	5.0%	3045 (1464)	3058 (1477)	3071 (1490)

- Approach not authorized when airport temperature below -18°C or above +37°C.
- RNP AR RDH = 50 (PAPI MEHT = 28ft).
- PAPI not coincident with VPA.
- RNP 0.5 in Missed-Approach up to GS611.
- VSS (Visual Segment Surface) free of obstacles.

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

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 (4910)	5340 (3760)	10560 (8980)	15710 (14130)

COR: new chart (WEF 15OCT2015)

ATC SURVEILLANCE MINIMUM ALTITUDE CHART (ADTEMPERATURES FROM -15°C 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.

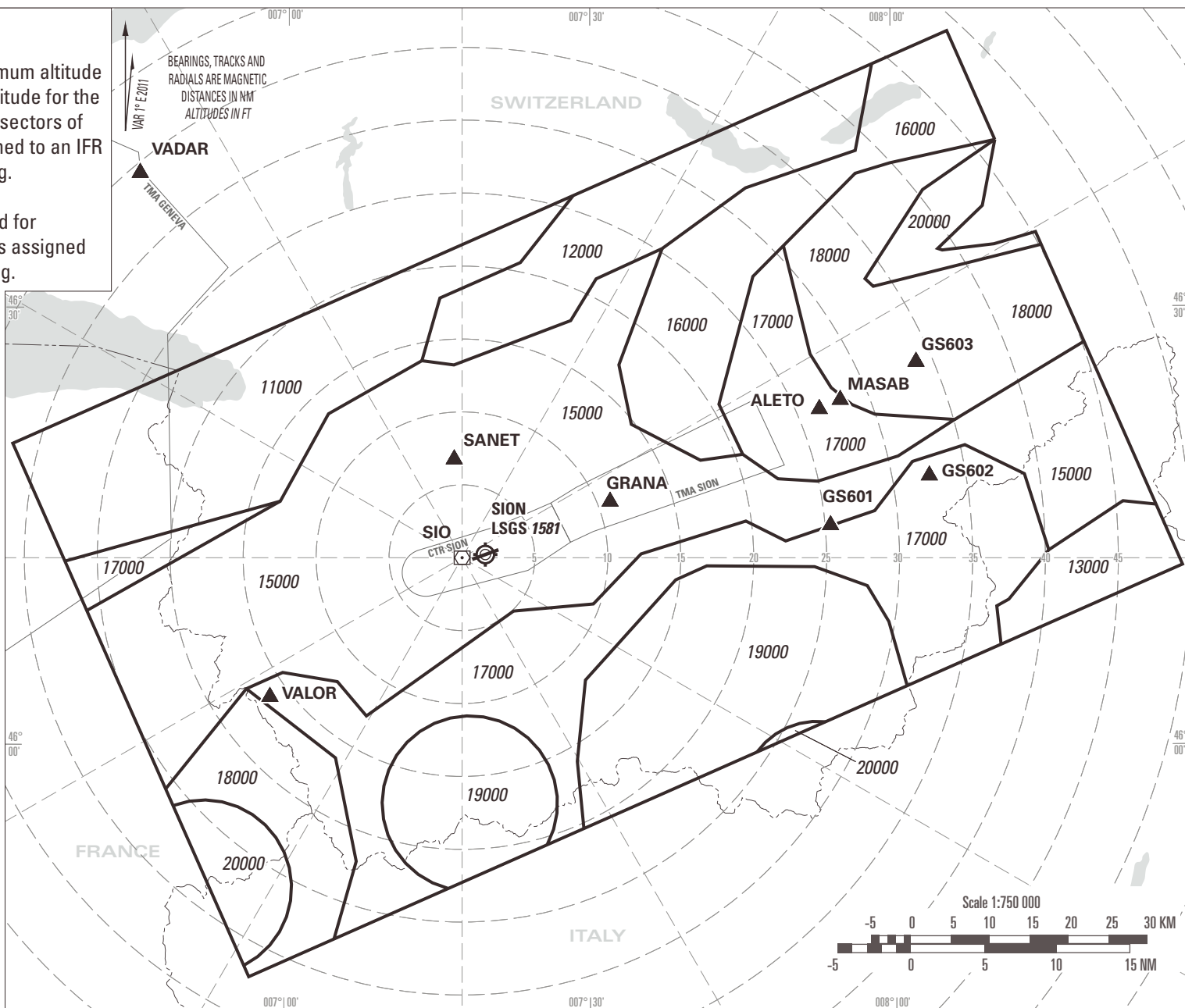
Altitudes: LSGS QNH.
Transition ALT : 17000

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: new chart



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: new chart

