GENERAL

Operational Hours

ATS Hours / AD ADMIN Hours: H24

Airport Information

RFF: CAT 8
Fuel: 0430-2200‡
PCN: RWY 05/23: 59/F/C/W/T

Operation

Traffic Note
PPR for ACFT code letter E and F.

PPR for all SKED commercial flights at least 3HRs in advance from FRI-MON 0400-2200‡.

Low Visibility procedure
LVP in use when RVR at or below 550m and/or CEIL below 200ft.

When RVR at or below 1000m, or in reduced visibility conditions:
- Only one ACFT is allowed on the manoeuvring area at a time
- TWY B, C, D not AVBL
- TKOF RWY 05:
  Enter RWY via TWY E, H.
  In case of aborted TKOF, vacate RWY via TWY A.
- LDG RWY 05:
  Vacate RWY via TWY A.
  Report RWY vacated and when stand reached to TWR.
- Follow-me O/R.

No OPS allowed with RVR less than 400m.

TWY Restriction
TWY N width 13m / 43ft.

Taxi/Parking
APN 3:
Only one movement at a time is allowed, usually incoming traffic has the right of way.
Marshalling mandatory.
Follow-me mandatory from/to end of APN marking:
- To/from stands 29-37 next to TWY N.
- To/from stands 39-51 on holding bay RWY 23.

Code letter D ACFT must enter/exit APN 1 via M.

Follow-me mandatory for VLA (very large ACFT) operations.

Follow-me AVBL on request.

GENERAL

Standard Taxi Routes

	RWY in use	APN	Route
DEP	RWY 05	1	TWY M, F and holding point E RWY 05
		2	TWY H and holding point H
	RWY 23	1	TWY L, F and holding point A RWY 23
		2	TWY G, F and holding point A RWY 23
ARR	RWY 05	1	TWY F and L
		2	TWY F and G
	RWY 23	1	TWY F and M
		2	TWY H

APU
Use of APU restricted to 20min after on-block and 60min prior EOBT.

Engine Run-up
2200-0500‡: ENG test prohibited except for immediate use.

ENG run-ups on parking area prohibited.

During ENG run-up, position ACFT against wind.

Moving ACFT to/from holding bay by towing only.

Warnings

LOC ILS RWY 23 MAINT: 2nd MON each month 0730-0930‡.

LOC ILS RWY 05 MAINT: 1st TUE each month 0730-0930‡.

SME VOR/DME MAINT: 1st MON each month 0700-0900‡.

Use caution on APN 1 due to portion of APN-TWY and service road not segregated.

Expect windshear, mostly during westerly winds with possible association with eastern sea breeze.

ARRIVAL

Communication

COM Failure
If the PIC has received and confirmed the ATC CLR the reporting point designated to descend for LDG is the IAF linked to the assigned STAR.
If the PIC hasn`t received and confirmed the ATC CLR to follow a STAR the reporting point designated for LDG is SME NDB/VOR.

On maoeuvring area
Vacate RWY and the ILS sensitive area via appropriate TWY and wait for follow-me in order to be guided to stand.

Arrival Procedure

VFR Traffic Pattern: RWY 05 right-hand circuit.

Reverse: Do not use more than idle reverse, except for safety reasons.

2200-0500‡ ACFT must use entire RWY to taxi to APN.

DEPARTURE

Take-off Minima

RWY		05	
All ACFT	ft - m/km	0 - 400R/400V	-
RWY		23	
All ACFT	ft - m/km	0 - 1000R/1000V	-

Communication

COM Failure

On maoeuvring area

Continue taxiing on assigned routing to CLR limit PSN and wait for follow-me in order to be guided back to stand.

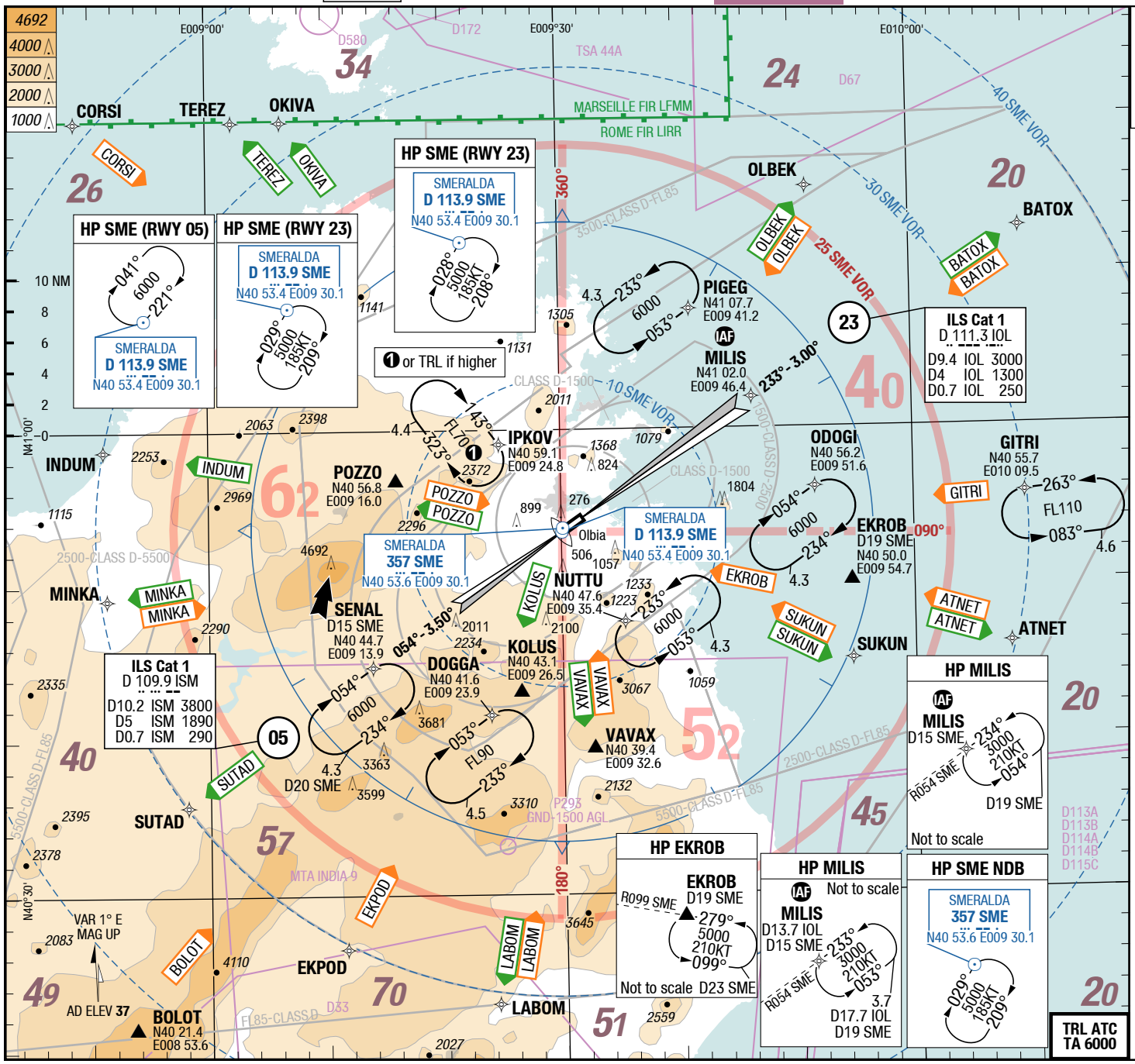
Departure Procedure

Start-up/Push-back

After receiving the signal "all clear" from GND, ACFT operators shall contact "GEASAR" on FREQ 131.100 to inform about ready to move before requesting start-up CLR to TWR/GND.

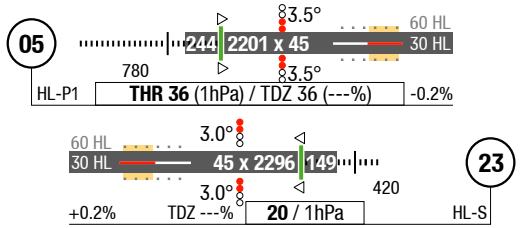
De-Icing

Not AVBL.

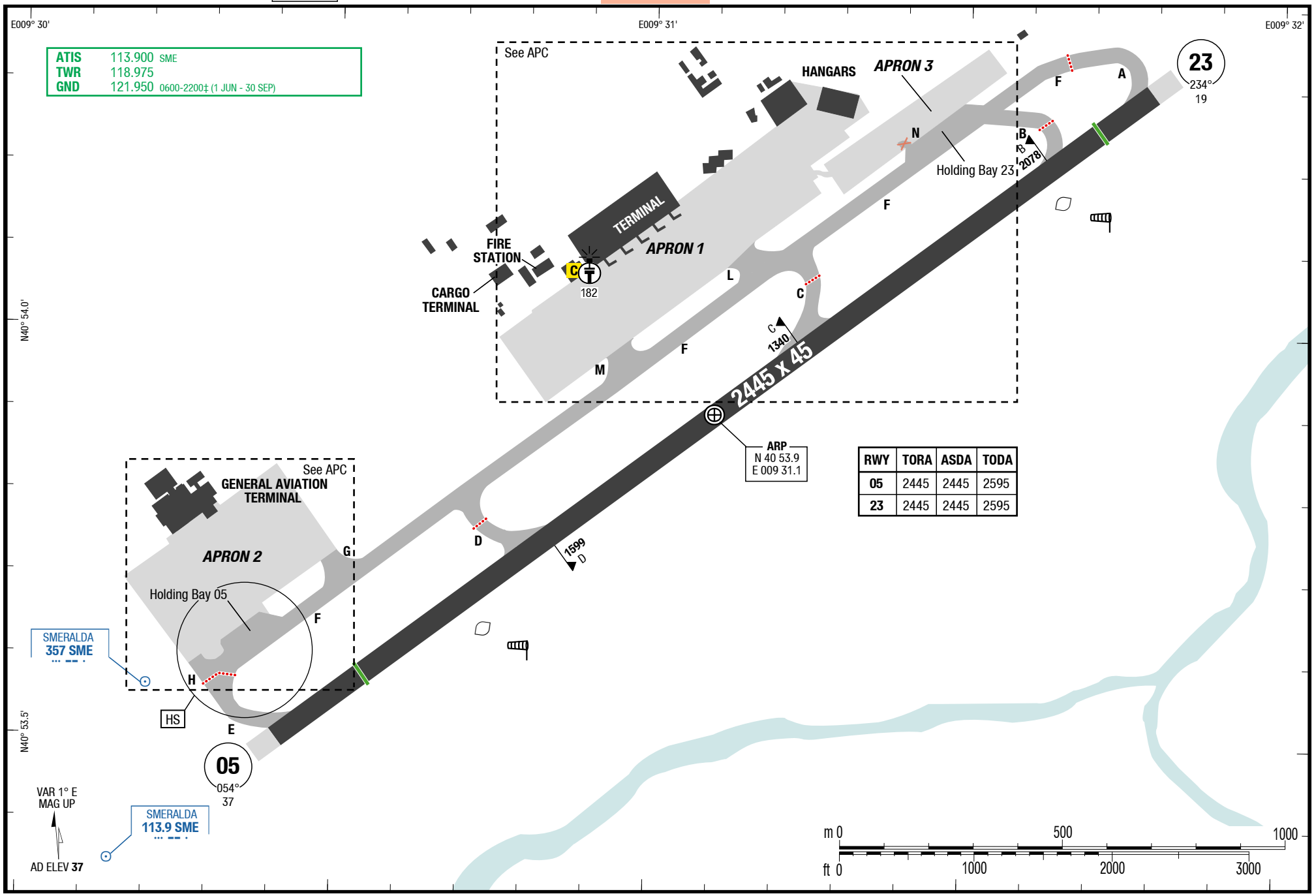


ATIS	113.900	SME
Roma RAD	125.950 127.125	by ATC
TWR	118.975	
GND	121.950	0600-2200‡ (1 JUN - 30 SEP)

Landing RWY system:



Changes: FREQ, ASP, Editorial



Changes: FREQ

19-JUL-2018

OLB-LIEO

3-30

Italy **Olbia** Costa Smeralda

Stand Coordinates

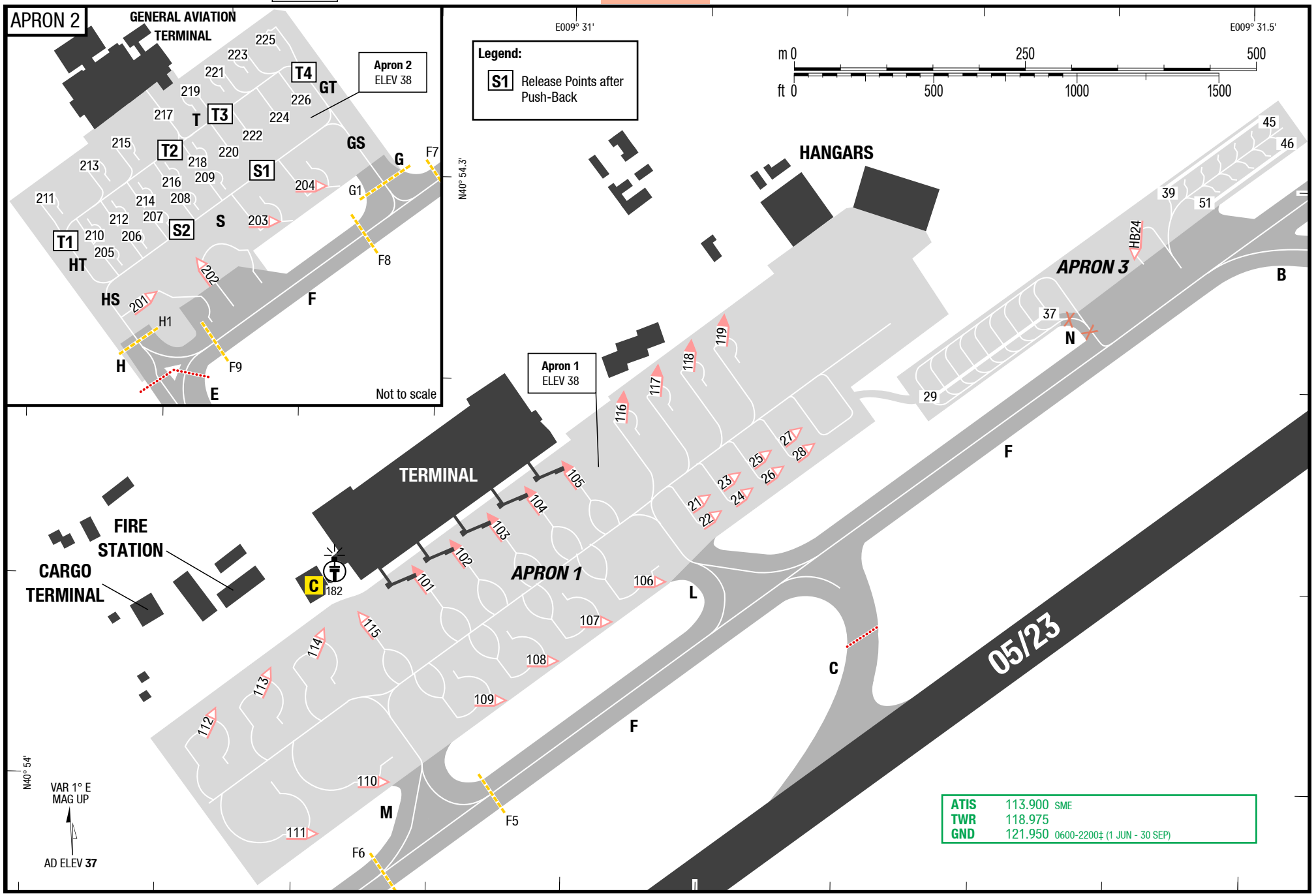
APC

APC APC

Costa Smeralda **Olbia** Italy

Stand Coordinates

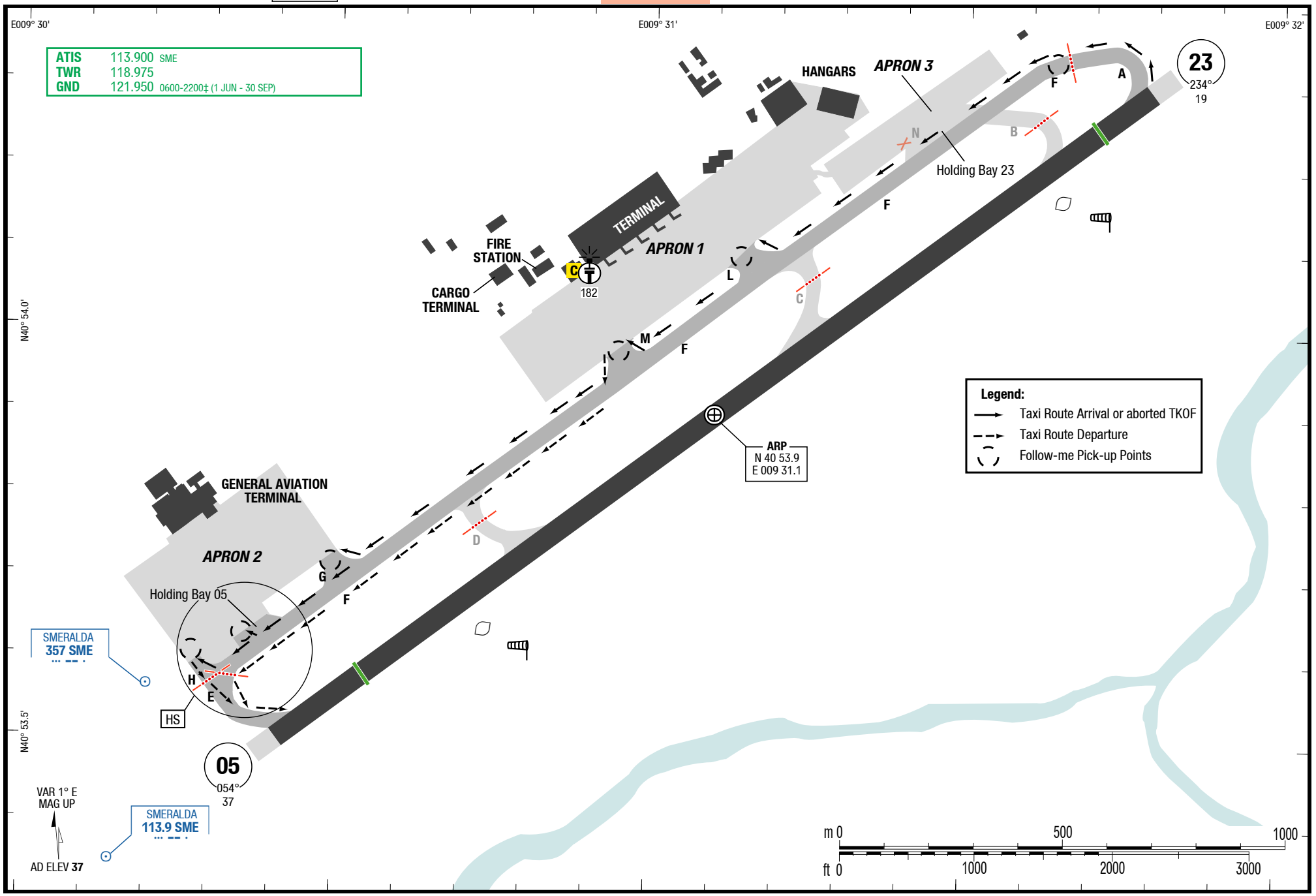
APC



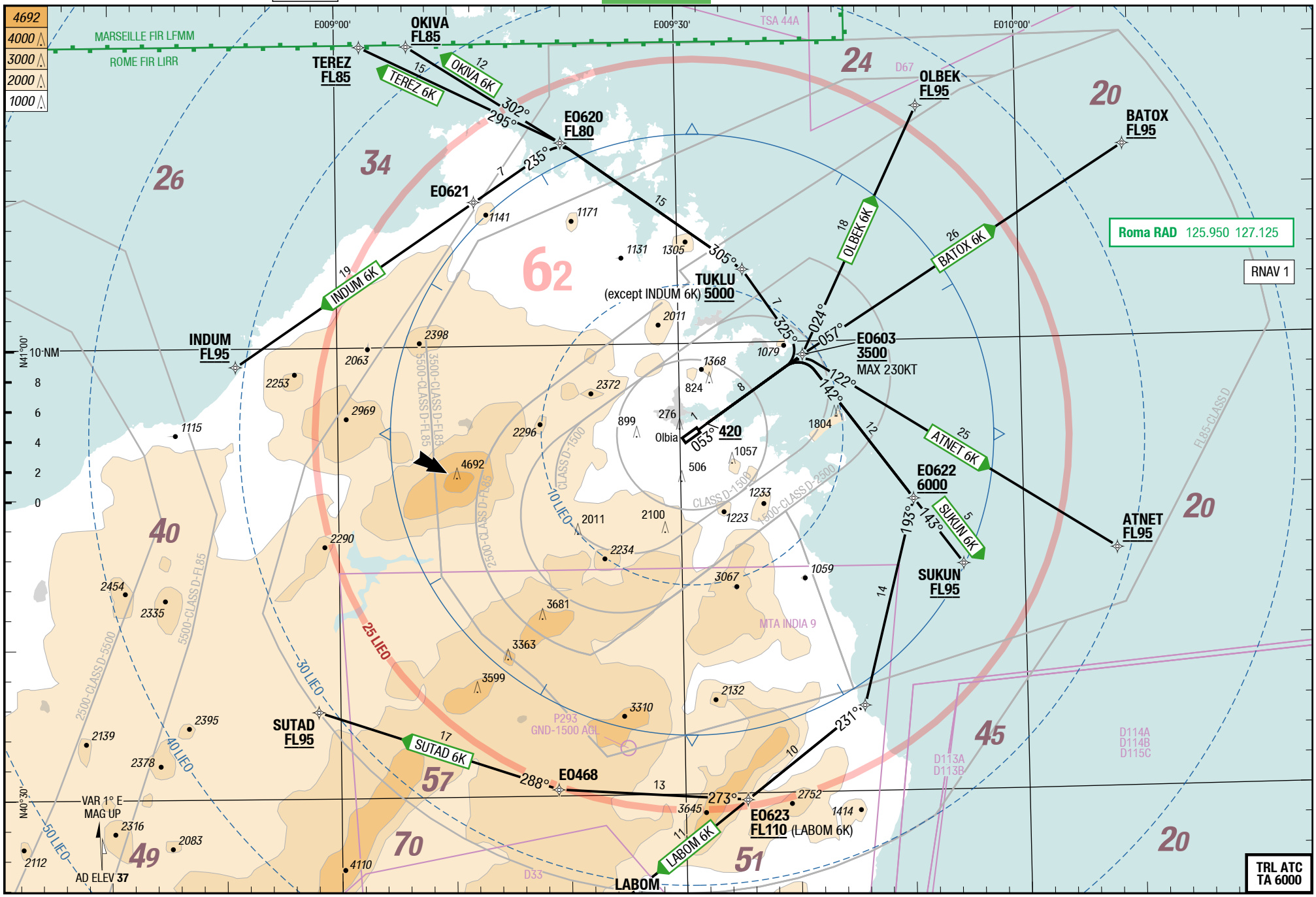
Changes: HLDG POS

Stand Coordinates

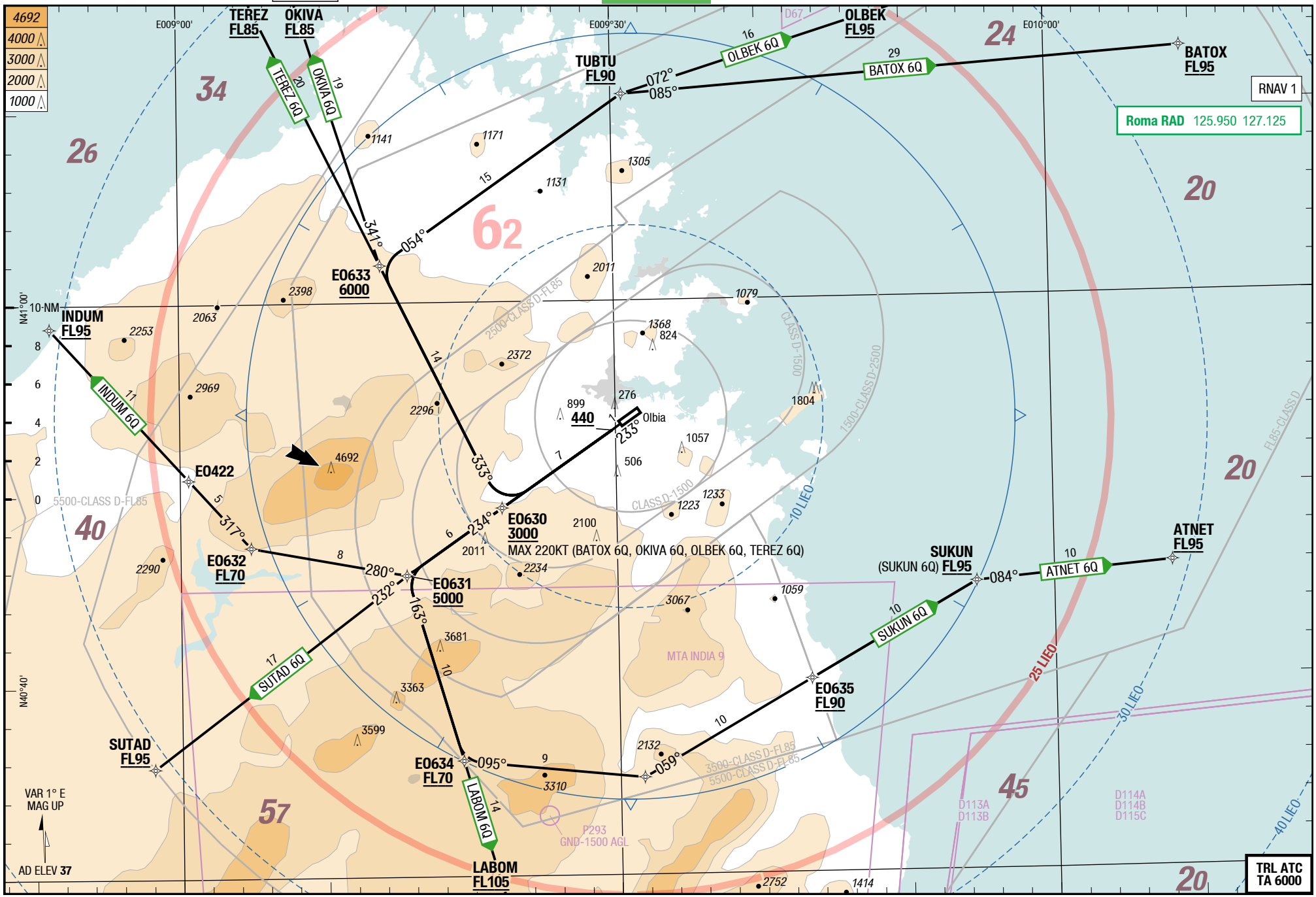
101,102	N40 54.1 E009 30.9
103	N40 54.1 E009 31.0
104,105	N40 54.2 E009 31.0
106	N40 54.1 E009 31.1
107,108	N40 54.1 E009 31.0
109	N40 54.0 E009 31.0
110	N40 54.0 E009 30.9
111,112	N40 54.0 E009 30.8
113,114	N40 54.1 E009 30.8
115	N40 54.1 E009 30.9
21,22	N40 54.1 E009 31.1
23-27	N40 54.2 E009 31.2
28	N40 54.2 E009 31.1
29,30	N40 54.2 E009 31.4
31-36	N40 54.2 E009 31.3
37	N40 54.2 E009 31.4
HB24,39	N40 54.3 E009 31.4
40-45	N40 54.3 E009 31.5
46	N40 54.3 E009 31.6
47-51	N40 54.3 E009 31.5
116	N40 54.3 E009 31.1
117	N40 54.3 E009 31.2
118	N40 54.4 E009 31.2
119	N40 54.4 E009 31.3
201,202	N40 53.7 E009 30.3
203,204	N40 53.7 E009 30.4
205-208	N40 53.7 E009 30.2
209	N40 53.7 E009 30.3
210	N40 53.7 E009 30.2
211	N40 53.7 E009 30.1
212	N40 53.7 E009 30.2
213	N40 53.8 E009 30.2
214	N40 53.7 E009 30.2
215	N40 53.8 E009 30.2
216	N40 53.7 E009 30.2
217	N40 53.8 E009 30.2
218-224	N40 53.8 E009 30.3
225	N40 53.9 E009 30.3
226	N40 53.8 E009 30.4



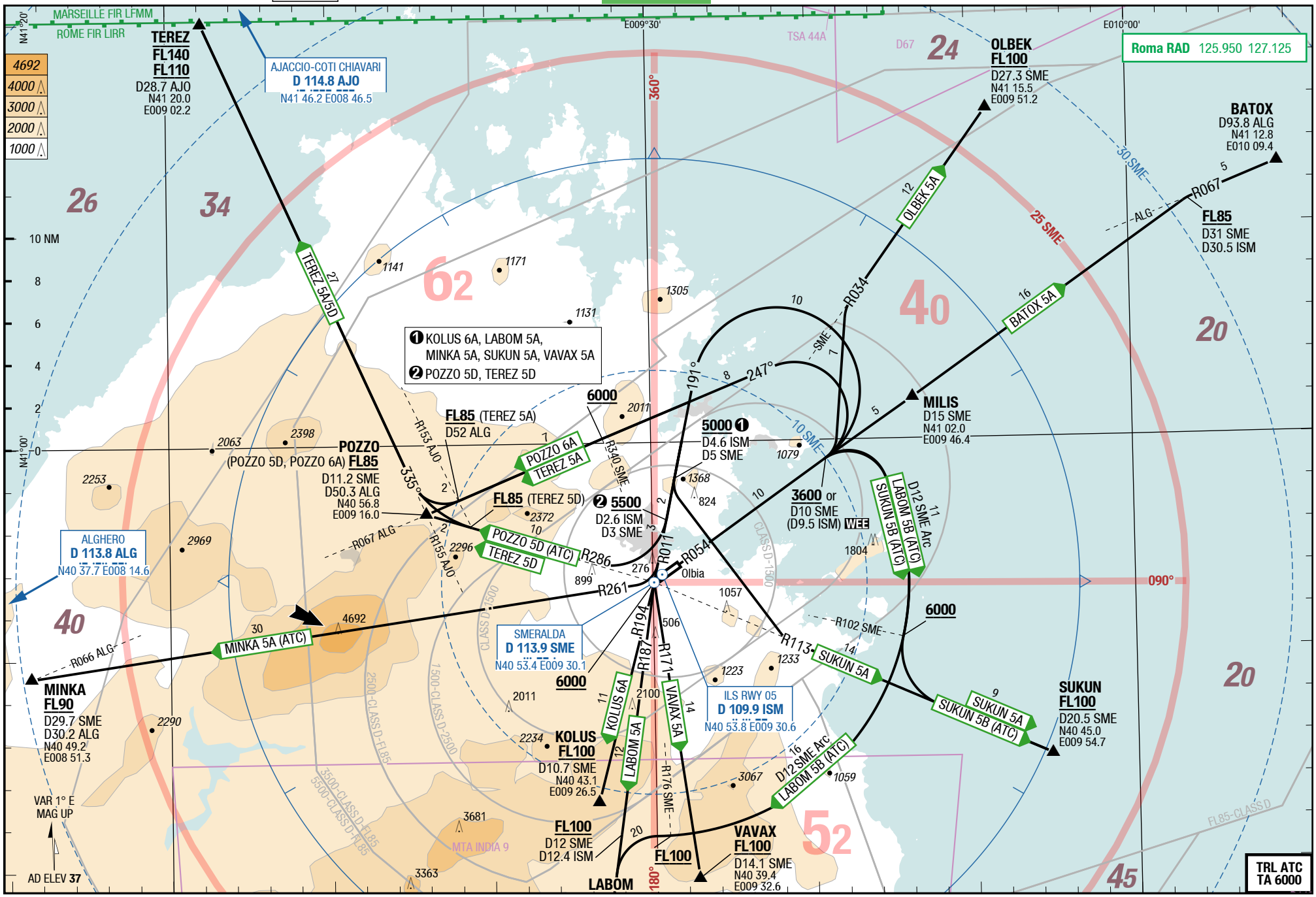
Changes: FREQ



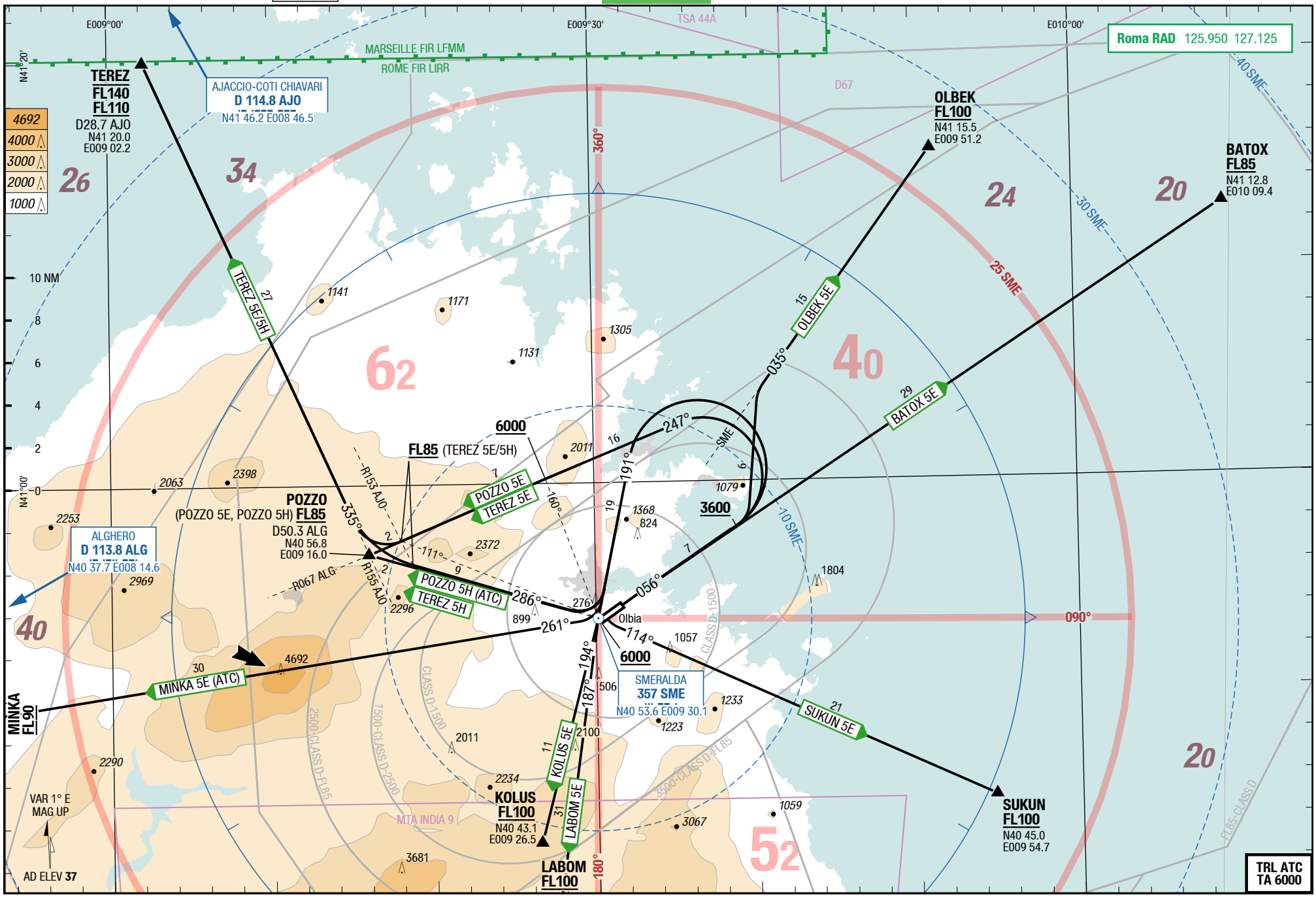
Changes: Completely revised



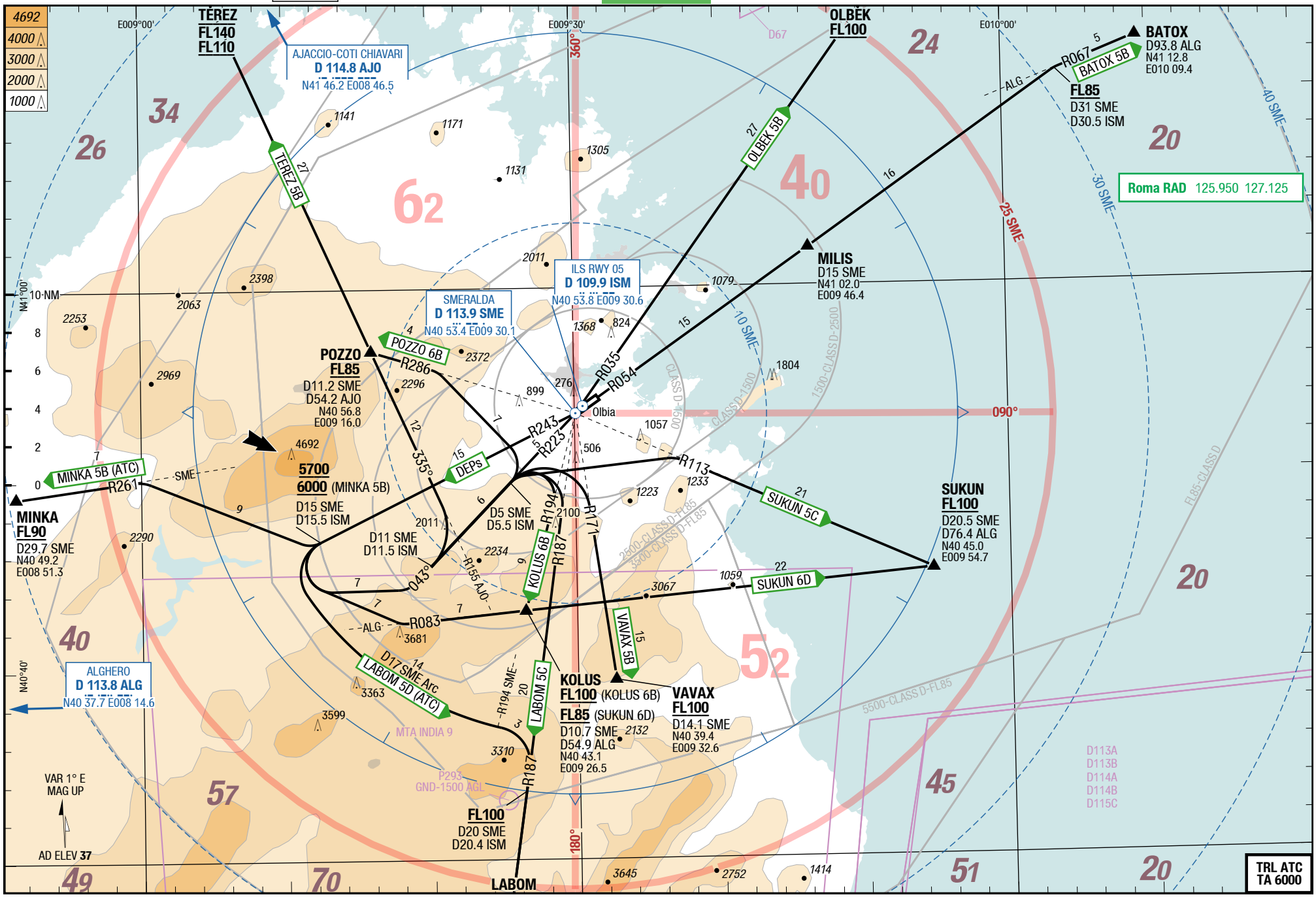
Changes: New



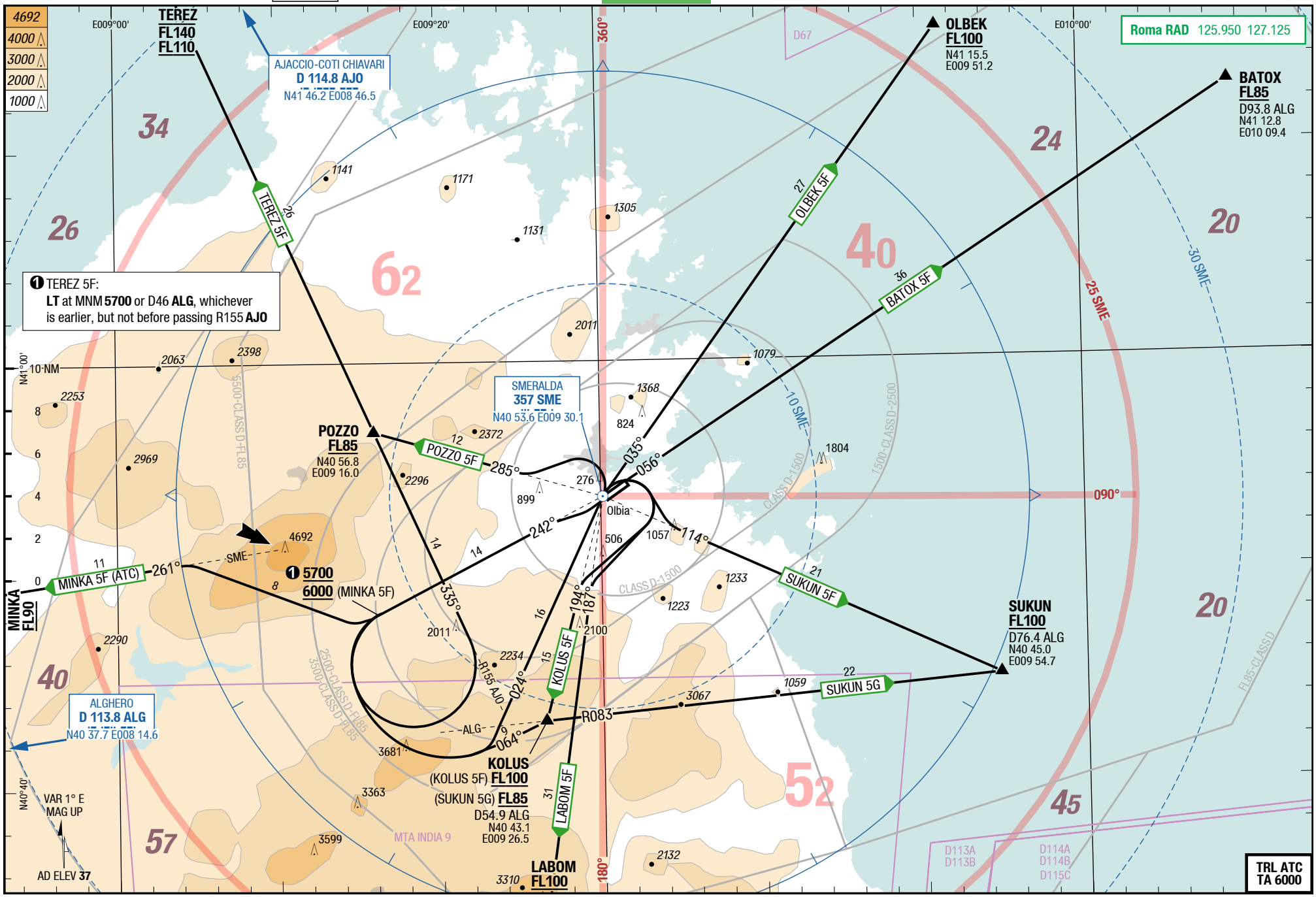
Changes: FREQ, ASP, MSA, OBST, SUAs, Editorial



Changes: MSA, Track, FREQ, ASP, SUAs, OBST



Changes: FREQ, MSA, ASP, PROC renumbered, OBST, Editorial



Changes: MSA, Track, FREQ, ASP, SUAs, OBST

OLB-LIEO

RNAV SIDs RWY 05

ATNET 6K / BATOX 6K / INDUM 6K / LABOM 6K / OKIVA 6K / OLBEK 6K / SUKUN 6K / SUTAD 6K

RWY 05 (054°)

	GS	120	150	180	210	240	270
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 05	
ATNET 6K 7.0% to 5000 **125.950** ①	053° [A420+] - DCT E0603 [K230-] - ATNET	E0603 MNM **3500** ATNET MNM **FL95**
BATOX 6K 7.0% to 5000 **125.950** ①	053° [A420+] - DCT E0603 [K230-] - BATOX	E0603 MNM **3500** BATOX MNM **FL95**
INDUM 6K 7.0% to 5000 **125.950** ①	053° [A420+] - DCT E0603 [K230-] - TUKLU - E0620 - E0621 - INDUM	E0603 MNM **3500** E0620 MNM **FL80** INDUM MNM **FL95**
LABOM 6K 7.0% to 5000 **125.950** ①	053° [A420+] - DCT E0603 [K230-] - E0622 - VAGVU - E0623 - LABOM	E0603 MNM **3500** E0622 MNM **6000** E0623 MNM **FL110**
OKIVA 6K 7.0% to 5000 **125.950** ①	053° [A420+] - DCT E0603 [K230-] - TUKLU - E0620 - OKIVA	E0603 MNM **3500** TUKLU MNM **5000** E0620 MNM **FL80** OKIVA MNM **FL85**
OLBEK 6K 7.0% to FL85 **125.950** ①	053° [A420+] - DCT E0603 [K230-] - OLBEK	E0603 MNM **3500** OLBEK MNM **FL95**
SUKUN 6K 7.0% to FL85 **125.950** ①	053° [A420+] - DCT E0603 [K230-] - E0622 - SUKUN	E0603 MNM **3500** E0622 MNM **6000** SUKUN MNM **FL95**
SUTAD 6K 7.0% to 5000 **125.950** ①	053° [A420+] - DCT E0603 [K230-] - E0622 - VAGVU - E0623 - E0468 - SUTAD	E0603 MNM **3500** E0622 MNM **6000** SUTAD MNM **FL95**

① Close in obstacles penetrating OIS 2.5% but are not considered for climb gradients.

Changes: Completely revised

TEREZ 6K

RWY 05 (054°)

	GS	120	150	180	210	240	270
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 05	
TEREZ 6K 7.0% to 5000 **125.950** ①	053° [A420+] - DCT EO603 [K230-] - TUKLU - EO620 - TEREZ	EO603 MNM **3500** TUKLU MNM **5000** EO620 MNM **FL80** TEREZ MNM **FL85**

① Close in obstacles penetrating OIS 2.5% but are not considered for climb gradients.

Changes: Completely revised

OLB-LIEO

RNAV SIDs RWY 23

ATNET 6Q / BATOX 6Q / INDUM 6Q / LABOM 6Q / OKIVA 6Q / OLBEK 6Q / SUKUN 6Q / SUTAD 6Q

RWY 23 (234°)

	GS	120	150	180	210	240	270
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 23	
ATNET 6Q 7.0% to 6500 **125.950** ①	233° [A440+] - DCT E0630 - E0631 - E0634 - UNBID - E0635 - SUKUN - ATNET	E0630 MNM **3000** E0631 MNM **5000** E0634 MNM **FL70** E0635 MNM **FL90** ATNET MNM **FL95**
BATOX 6Q 7.0% to 6500 **125.950** ①	233° [A440+] - DCT E0630 [K220-] - E0633 - TUBTU - BATOX	E0630 MNM **3000** E0633 MNM **6000** TUBTU MNM **FL90** BATOX MNM **FL95**
INDUM 6Q 7.0% to 6500 **125.950** ①	233° [A440+] - DCT E0630 - E0631 - E0632 - E0422 - INDUM	E0630 MNM **3000** E0631 MNM **5000** E0632 MNM **FL70** INDUM MNM **FL95**
LABOM 6Q 7.0% to 6500 **125.950** ①	233° [A440+] - DCT E0630 - E0631 - E0634 - LABOM	E0630 MNM **3000** E0631 MNM **5000** E0634 MNM **FL70** LABOM MNM **FL105**
OKIVA 6Q 7.0% to 6500 **125.950** ①	233° [A440+] - DCT E0630 [K220-] - E0633 - OKIVA	E0630 MNM **3000** E0633 MNM **6000** OKIVA MNM **FL85**
OLBEK 6Q 7.0% to 6500 **125.950** ①	233° [A440+] - DCT E0630 [K220-] - E0633 - TUBTU - OLBEK	E0630 MNM **3000** E0633 MNM **6000** TUBTU MNM **FL90** OLBEK MNM **FL95**
SUKUN 6Q 7.0% to 6500 **125.950** ①	233° [A440+] - DCT E0630 - E0631 - E0634 - UNBID - E0635 - SUKUN	E0630 MNM **3000** E0631 MNM **5000** E0634 MNM **FL70** E0635 MNM **FL90** SUKUN MNM **FL95**
SUTAD 6Q 7.0% to 6500 **125.950** ①	233° [A440+] - DCT E0630 - E0631 - SUTAD	E0630 MNM **3000** E0631 MNM **5000** SUTAD MNM **FL95**

① Close in obstacles penetrating OIS 2.5% but are not considered for climb gradients.

Changes: New

TEREZ 6Q

RWY 23 (234°)

	GS	120	150	180	210	240	270
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 23	
TEREZ 6Q 7.0% to 6500 **125.950** ①	233° [A440+] - DCT EO630 [K220-] - EO633 - TEREZ	EO630 MNM **3000** EO633 MNM **6000** TEREZ MNM **FL85**

① Close in obstacles penetrating OIS 2.5% but are not considered for climb gradients.

Changes: New

BATOX 5A / KOLUS 6A / LABOM 5A / LABOM 5B / MINKA 5A / OLBEK 5A / POZZO 5D / POZZO 6A / SUKUN 5A

RWY 05 (054°)

	GS	120	150	180	210	240	270
6.9%	ft/MIN	900	1100	1300	1500	1700	1900

DESIGNATOR	ROUTING	ALTITUDES
	Runway 05	
BATOX 5A 6.9% to 3600 **125.950**	R054 **SME** - intercept R067 **ALG** to BATOX	D10 **SME** (D9.5 **ISM**) MNM **3600** D31 **SME** (D30.5 **ISM**) MNM **FL85**
KOLUS 6A 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R011 **SME** to **SME** - R194 **SME** to KOLUS	R011/D5 **SME** (D4.6 **ISM**) MNM **5000** **SME** MNM **6000** KOLUS MNM **FL100**
LABOM 5A 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R011 **SME** to **SME** - R187 **SME** to LABOM	R011/D5 **SME** (D4.6 **ISM**) MNM **5000** **SME** MNM **6000** R187/D12 **SME** MNM **FL100**
LABOM 5B (ATC) 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **RT** follow D12 **SME** arc - crossing R176 **SME LT** intercept R187 **SME** to LABOM	R102 **SME** MNM **6000** R176 **SME** MNM **FL100**
MINKA 5A (ATC) 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R011 **SME** to **SME** - R261 **SME** to MINKA	R011/D5 **SME** (D4.6 **ISM**) MNM **5000** **SME** MNM **6000** MINKA MNM **FL90**
OLBEK 5A 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R034 **SME** to OLBEK	OLBEK MNM **FL100**
POZZO 5D (ATC) 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R011 **SME** inbound - at D3 **SME** (D2.6 **ISM**) **RT** intercept R286 **SME** to POZZO	R011/D3 **SME** (D2.6 **ISM**) MNM **5500** POZZO MNM **FL85**
POZZO 6A 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R067 **ALG** inbound to POZZO	R340 **SME** MNM **6000** POZZO MNM **FL85**
SUKUN 5A 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R011 **SME** inbound - at D5 **SME LT** intercept R113 **SME** to SUKUN	R011/D5 **SME** (D4.6 **ISM**) MNM **5000** SUKUN MNM **FL100**

Changes: Editorial

SUKUN 5B / TEREZ 5A / TEREZ 5D / VAVAX 5A

RWY 05 (054°)

	GS	120	150	180	210	240	270
6.9%	ft/MIN	900	1100	1300	1500	1700	1900

DESIGNATOR	ROUTING	ALTITUDES
	Runway 05	
SUKUN 5B (ATC) 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **RT** follow D12 **SME** arc - crossing R102 **SME LT** intercept R113 **SME** to SUKUN	R102 **SME** MNM **6000** SUKUN MNM **FL100**
TEREZ 5A 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R067 **ALG** inbound - crossing R153 **AJO RT** intercept R155 **AJO** inbound to TEREZ	R340 **SME** MNM **6000** R153 **AJO** MNM **FL85** TEREZ between **FL110** and **FL140**
TEREZ 5D 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R011 **SME** inbound - at D3 **SME** (D2.6 **ISM**) **RT** intercept R286 **SME** to POZZO - crossing R153 **AJO RT** intercept R155 **AJO** inbound to TEREZ	R011/D3 **SME** (D2.6 **ISM**) MNM **5500** R153 **AJO** MNM **FL85** TEREZ between **FL110** and **FL140**
VAVAX 5A 6.9% to 3600 **125.950**	R054 **SME** - at MNM **3600** or D10 **SME** (D9.5 **ISM**), whichever is earlier, **LT** intercept R011 **SME** to **SME** - R171 **SME** to VAVAX	R011/D5 **SME** (D4.6 **ISM**) MNM **5000** **SME** MNM **6000** VAVAX MNM **FL100**

BATOX 5E / KOLUS 5E / LABOM 5E / MINKA 5E / OLBEK 5E / POZZO 5E / POZZO 5H / SUKUN 5E / TEREZ 5E / TEREZ 5H

RWY 05 (054°)

	GS	120	150	180	210	240	270
6.9%	ft/MIN	900	1100	1300	1500	1700	1900

DESIGNATOR	ROUTING	ALTITUDES
	Runway 05	
BATOX 5E 6.9% to 3600 **125.950**	QDR 056 **SME** to BATOX	BATOX MNM **FL85**
KOLUS 5E 6.9% to 3600 **125.950**	QDR 056 **SME** - at MNM **3600 LT** QDM 191 **SME** to **SME** - QDR 194 **SME** to KOLUS	**SME** MNM **6000** KOLUS MNM **FL100**
LABOM 5E 6.9% to 3600 **125.950**	QDR 056 **SME** - at MNM **3600 LT** QDM 191 **SME** to **SME** - QDR 187 **SME** to LABOM	**SME** MNM **6000** LABOM MNM **FL100**
MINKA 5E (ATC) 6.9% to 3600 **125.950**	QDR 056 **SME** - at MNM **3600 LT** QDM 191 **SME** to **SME** - QDR 261 **SME** to MINKA	**SME** MNM **6000** MINKA MNM **FL90**
OLBEK 5E 6.9% to 3600 **125.950**	QDR 056 **SME** - at MNM **3600 LT** intercept QDR 035 **SME** to OLBEK	OLBEK MNM **FL100**
POZZO 5E 6.9% to 3600 **125.950**	QDR 056 **SME** - at MNM **3600 LT** intercept R067 **ALG** inbound to POZZO	QDM 160 **SME** MNM **6000** POZZO MNM **FL85**
POZZO 5H (ATC) 6.9% to 3600 **125.950**	QDR 056 **SME** - at MNM **3600 LT** QDM 191 **SME** to **SME** - QDR 286 **SME** to POZZO	**SME** MNM **6000** POZZO MNM **FL85**
SUKUN 5E 6.9% to 3600 **125.950**	QDR 056 **SME** - at MNM **3600 LT** QDM 191 **SME** to **SME** - QDR 114 **SME** to SUKUN	**SME** MNM **6000** SUKUN MNM **FL100**
TEREZ 5E 6.9% to 3600 **125.950**	QDR 056 **SME** - at MNM **3600 LT** intercept R067 **ALG** inbound - crossing QDM 111 **SME** / R153 **AJO RT** intercept R155 **AJO** inbound to TEREZ	QDM 160 **SME** MNM **6000** QDM 111 **SME** / R153 **AJO** MNM **FL85** TEREZ between **FL110** and **FL140**
TEREZ 5H 6.9% to 3600 **125.950**	QDR 056 **SME** - at MNM **3600 LT** QDM 191 **SME** to **SME** - QDR 286 **SME** to POZZO - crossing R153 **AJO RT** intercept R155 **AJO** inbound to TEREZ	**SME** MNM **6000** R153 **AJO** MNM **FL85** TEREZ between **FL110** and **FL140**

Changes: Track, Editorial

BATOX 5B / KOLUS 6B / LABOM 5C / LABOM 5D / MINKA 5B / OLBEK 5B / POZZO 6B

RWY 23 (234°)

	GS	120	150	180	210	240	270
6.3%	ft/MIN	800	1000	1200	1400	1600	1800
6.6%	ft/MIN	900	1100	1300	1500	1700	1900

DESIGNATOR	ROUTING	ALTITUDES
	Runway 23	
BATOX 5B 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **LT** intercept R223 **SME** to **SME** - R054 **SME** - intercept R067 **ALG** to BATOX	D15 **SME** (D15.5 **ISM**) MNM **5700** D31 **SME** (D30.5 **ISM**) MNM **FL85**
KOLUS 6B 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **LT** intercept R223 **SME** inbound - at D5 **SME** (D5.5 **ISM**) **RT** intercept R194 **SME** to KOLUS	D15 **SME** (D15.5 **ISM**) MNM **5700** KOLUS MNM **FL100**
LABOM 5C 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **LT** intercept R223 **SME** inbound - at D5 **SME** (D5.5 **ISM**) **RT** intercept R187 **SME** to LABOM	D15 **SME** (D15.5 **ISM**) MNM **5700** D20 **SME** (D20.4 **ISM**) MNM **FL100**
LABOM 5D (ATC) 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **LT** follow D17 **SME** Arc - crossing R194 **SME RT** intercept R187 **SME** to LABOM	D15 **SME** (D15.5 **ISM**) MNM **5700** D20 **SME** (D20.4 **ISM**) MNM **FL100**
MINKA 5B (ATC) 6.6% to 6000 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **RT** intercept R261 **SME** to MINKA	D15 **SME** (D15.5 **ISM**) MNM **6000** MINKA MNM **FL90**
OLBEK 5B 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **LT** intercept R223 **SME** to **SME** - R035 **SME** to OLBEK	D15 **SME** (D15.5 **ISM**) MNM **5700** OLBEK MNM **FL100**
POZZO 6B 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **LT** intercept R223 **SME** inbound - at D5 **SME** (D5.5 **ISM**) **LT** intercept R286 **SME** to POZZO	D15 **SME** (D15.5 **ISM**) MNM **5700** POZZO MNM **FL85**

① If unable to comply with climb gradient maintain VMC until leaving 5700ft during daylight.

Changes: Editorial

SUKUN 5C / SUKUN 6D / TEREZ 5B / VAVAX 5B

RWY 23 (234°)

	GS	120	150	180	210	240	270
6.3%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
	Runway 23	
SUKUN 5C 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **LT** intercept R223 **SME** inbound - at D5 **SME** (D5.5 **ISM**) **RT** intercept R113 **SME** to SUKUN	D15 **SME** (D15.5 **ISM**) MNM **5700** SUKUN MNM **FL100**
SUKUN 6D 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **LT** intercept R083 **ALG** to KOLUS - SUKUN	D15 **SME** (D15.5 **ISM**) MNM **5700** KOLUS MNM **FL85** SUKUN MNM **FL100**
TEREZ 5B 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) and not before crossing R155 **AJO**, **LT** intercept R223 **SME** inbound - at D11 **SME LT** intercept R155 **AJO** inbound to POZZO - TEREZ	D15 **SME** (D15.5 **ISM**) MNM **5700** POZZO MNM **FL85** TEREZ between **FL110** and **FL140**
VAVAX 5B 6.3% to 5700 **125.950** ①	intercept R243 **SME** - at D15 **SME** (D15.5 **ISM**) **LT** intercept R223 **SME** inbound - at D5 **SME** (D5.5 **ISM**) **RT** intercept R171 **SME** to VAVAX	D15 **SME** (D15.5 **ISM**) MNM **5700** VAVAX MNM **FL100**

① If unable to comply with climb gradient maintain VMC until leaving 5700ft during daylight.

Changes: PROC renumbered, Editorial

OLB-LIEO

SIDs RWY 23 NDB SME

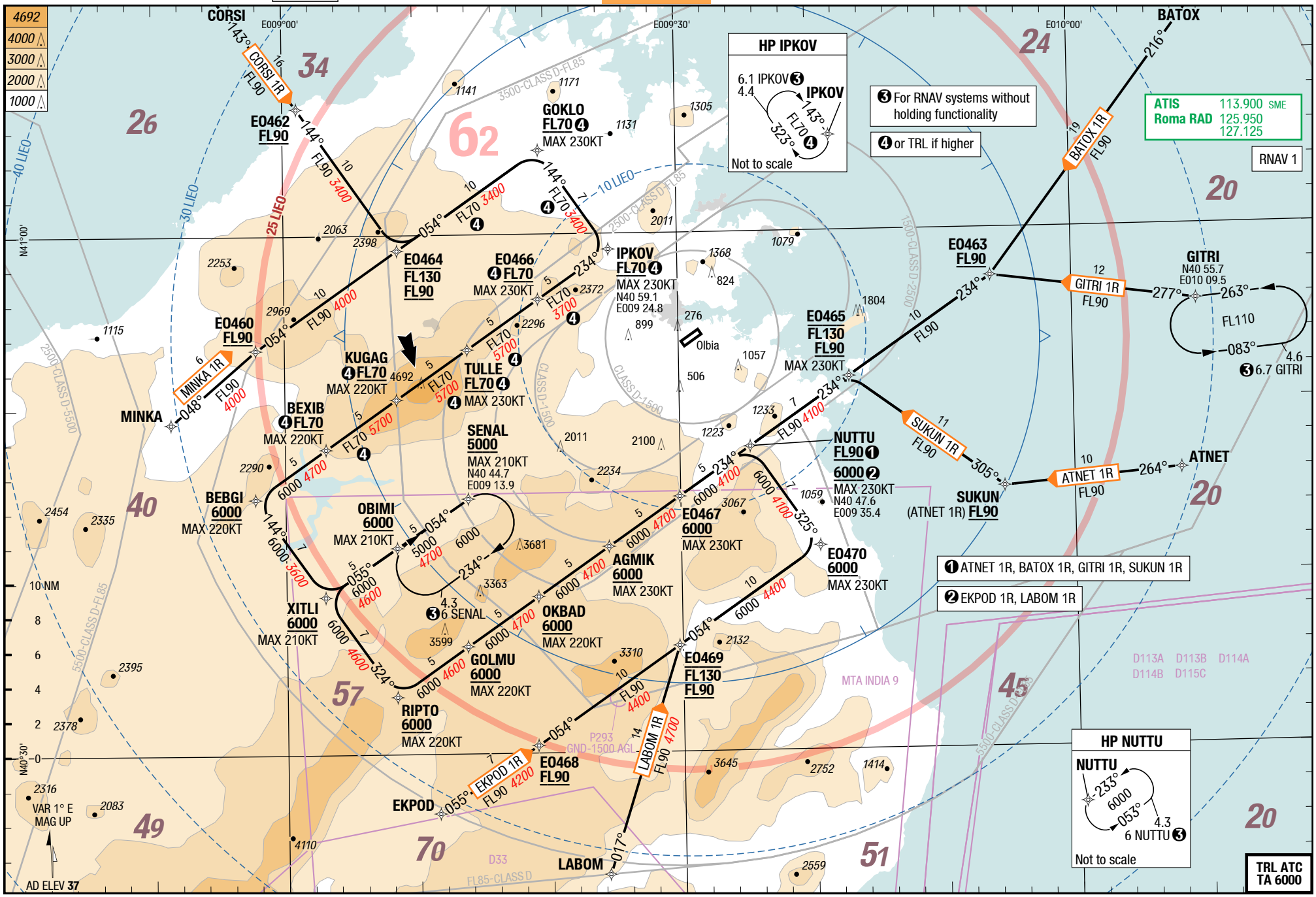
BATOX 5F / KOLUS 5F / LABOM 5F / MINKA 5F / OLBEK 5F / POZZO 5F / SUKUN 5F / SUKUN 5G / TEREZ 5F

RWY 23 (234°)

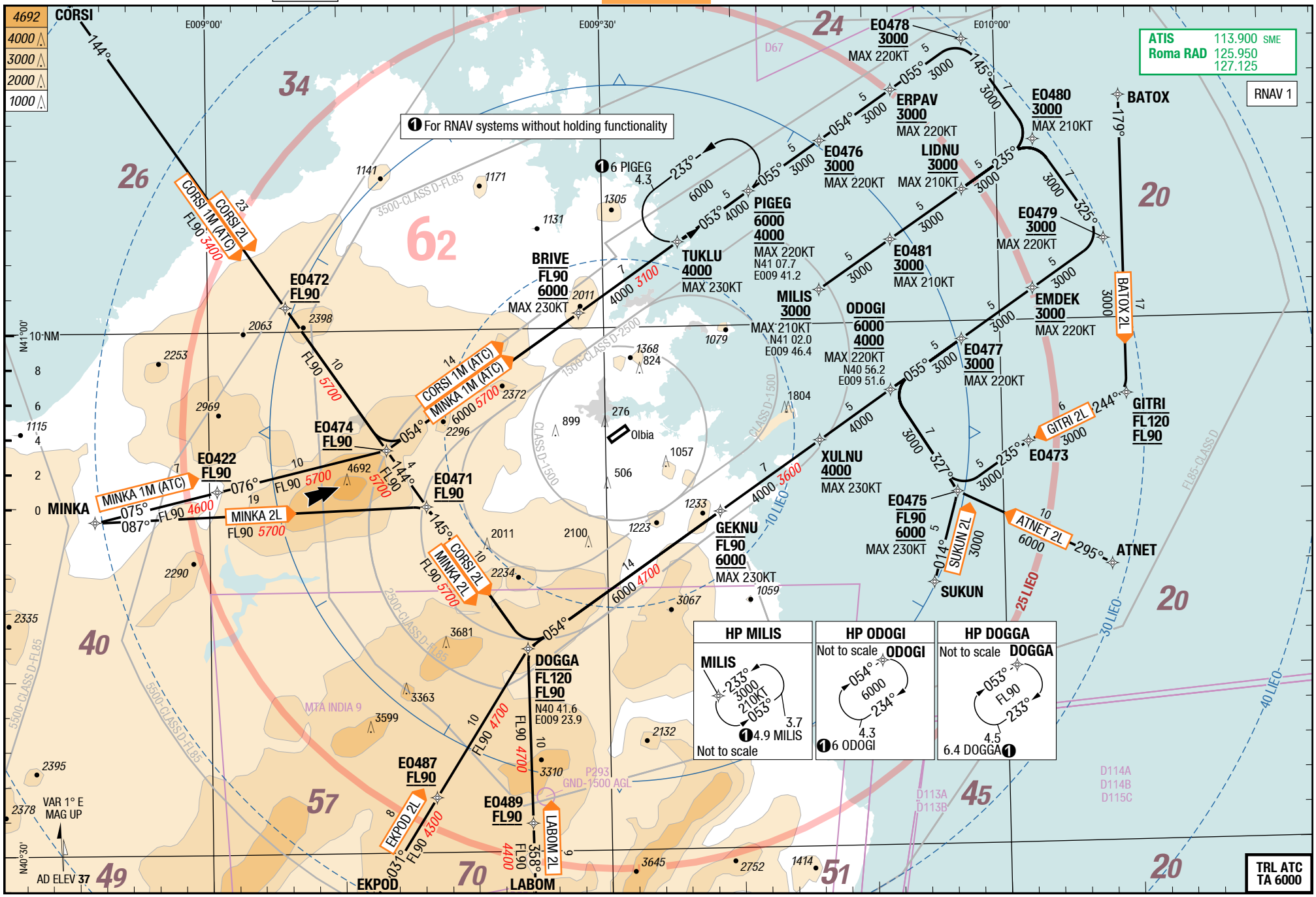
	GS	120	150	180	210	240	270
6.3%	ft/MIN	800	1000	1200	1400	1600	1800
6.6%	ft/MIN	900	1100	1300	1500	1700	1900

DESIGNATOR	ROUTING	ALTITUDES
	Runway 23	
BATOX 5F 6.3% to 5700 **125.950**	QDR 242 **SME** - MNM **5700 LT** intercept QDM 024 **SME** to **SME** - QDR 056 **SME** to BATOX	BATOX MNM **FL85**
KOLUS 5F 6.3% to 5700 **125.950**	QDR 242 **SME** - MNM **5700 LT** intercept QDM 024 **SME** to **SME** - **RT** intercept QDR 194 **SME** to KOLUS	KOLUS MNM **FL100**
LABOM 5F 6.3% to 5700 **125.950**	QDR 242 **SME** - MNM **5700 LT** intercept QDM 024 **SME** to **SME** - **RT** intercept QDR 187 **SME** to LABOM	LABOM MNM **FL100**
MINKA 5F (ATC) 6.6% to 6000 **125.950**	QDR 242 **SME** - MNM **6000 RT** intercept QDR 261 **SME** to MINKA	MINKA MNM **FL90**
OLBEK 5F 6.3% to 5700 **125.950**	QDR 242 **SME** - MNM **5700 LT** intercept QDM 024 **SME** to **SME** - QDR 035 **SME** to OLBEK	OLBEK MNM **FL100**
POZZO 5F 6.3% to 5700 **125.950**	QDR 242 **SME** - MNM **5700 LT** intercept QDM 024 **SME** to **SME** - QDR 285 **SME** to POZZO	POZZO MNM **FL85**
SUKUN 5F 6.3% to 5700 **125.950**	QDR 242 **SME** - MNM **5700 LT** intercept QDM 024 **SME** to **SME** - QDR 114 **SME** to SUKUN	SUKUN MNM **FL100**
SUKUN 5G 6.3% to 5700 **125.950**	QDR 242 **SME** - MNM **5700 LT** 064° intercept R083 **ALG** to KOLUS - SUKUN	KOLUS MNM **FL85** SUKUN MNM **FL100**
TEREZ 5F 6.3% to 5700 **125.950**	QDR 242 **SME** - MNM **5700** or D46 **ALG,** whichever is earlier, but not before passing R155 **AJO, LT** intercept R155 **AJO** inbound to POZZO - TEREZ	POZZO MNM **FL85** TEREZ between **FL110** and **FL140**

Changes: Track, Editorial



Changes: Completely revised



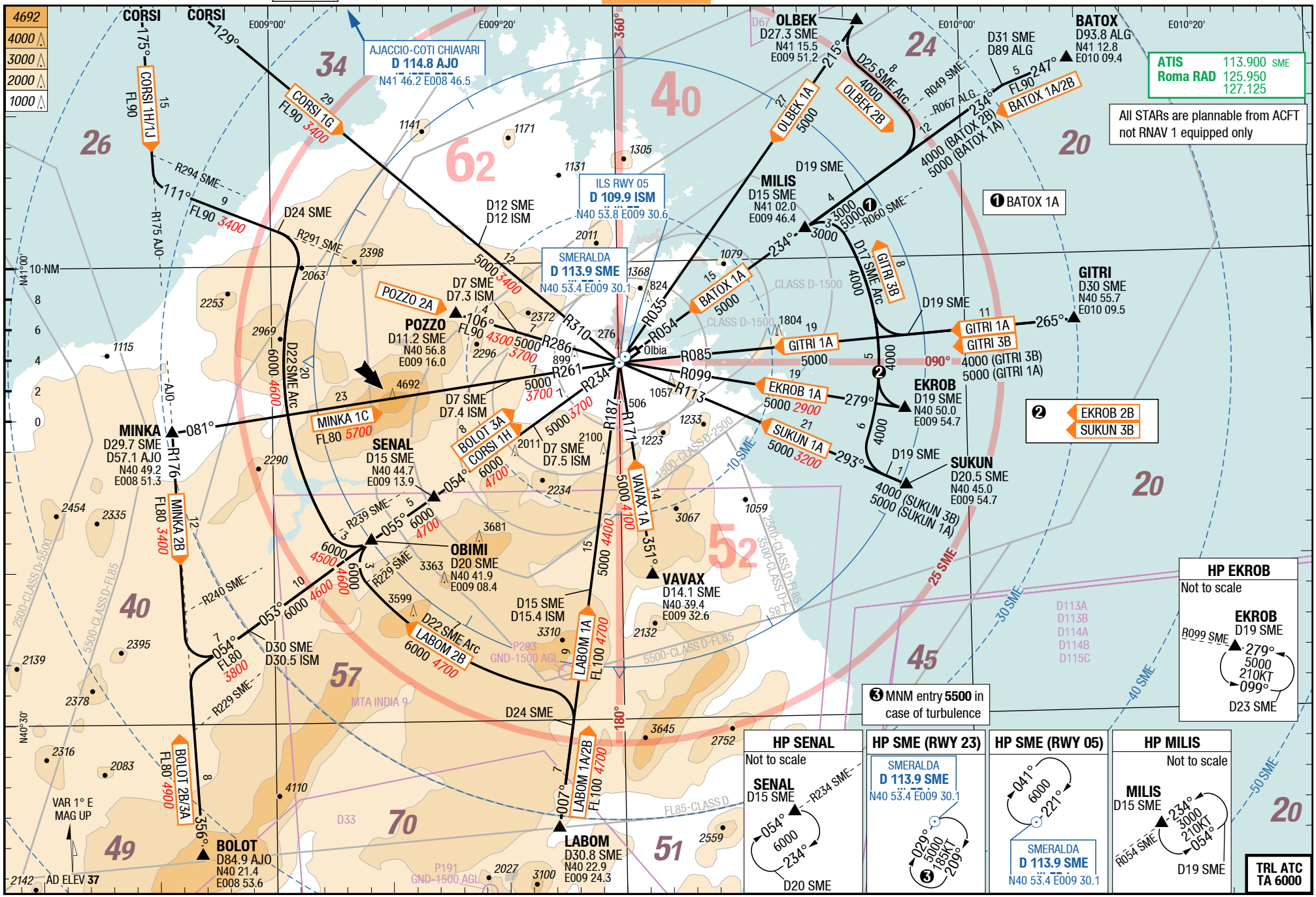
Changes: Completely revised

Italy **Olbia** Costa Smeralda — STARs VOR SME (ATC)

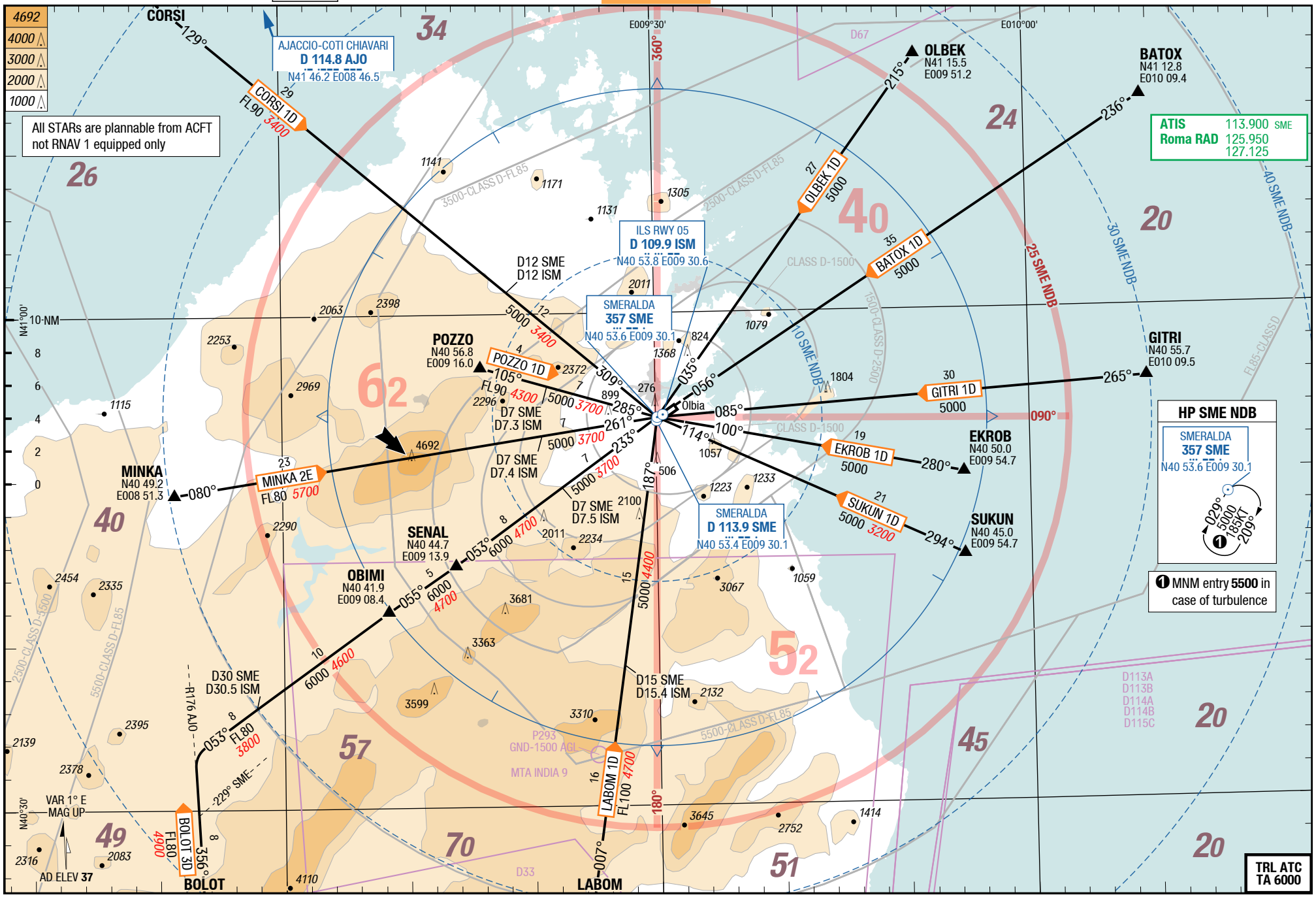
STAR

Costa Smeralda **Olbia** Italy — STARs VOR SME (ATC)

STAR



Changes: chart title, Note

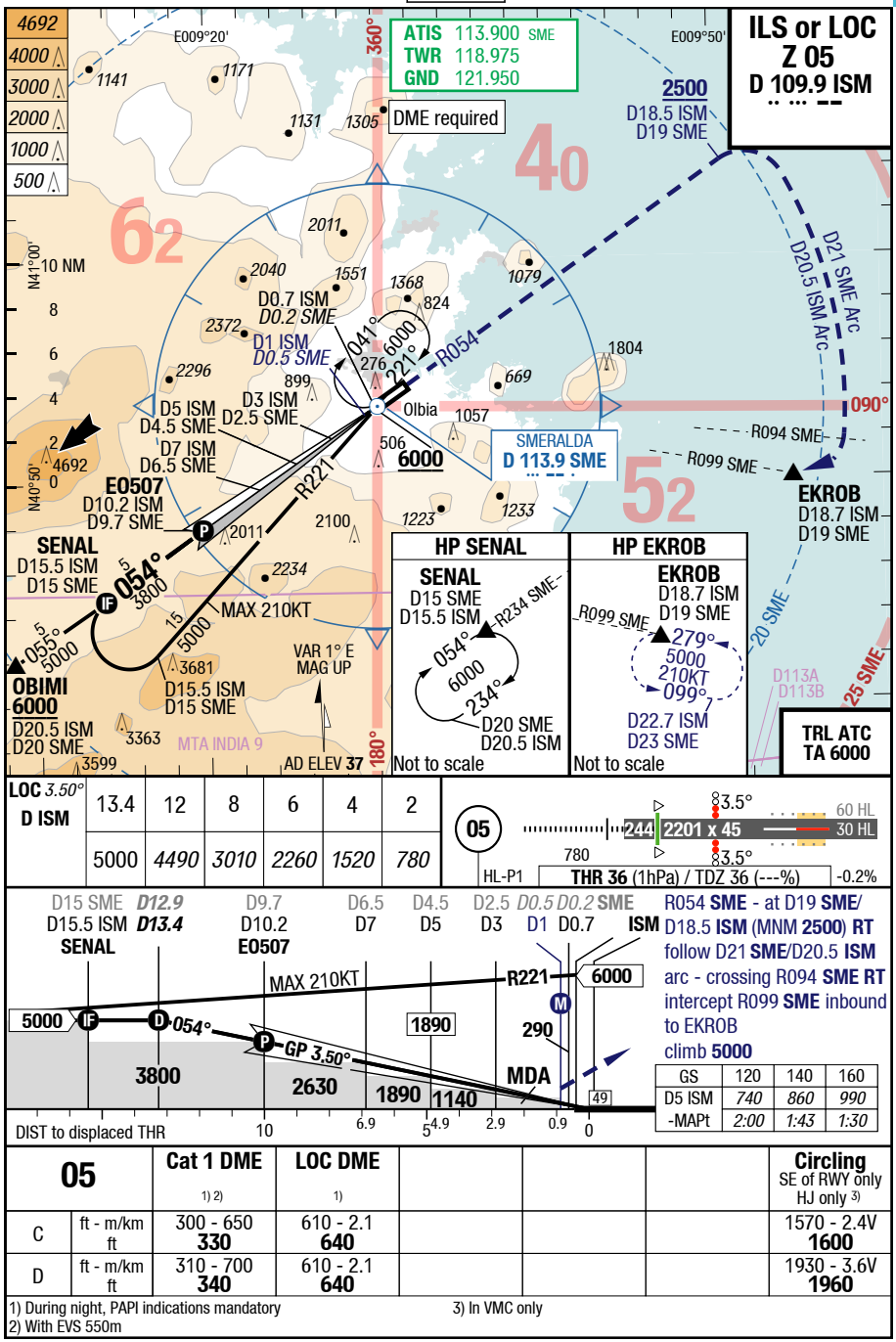


Changes: chart title, Note

OLB-LIEO

7-10

ILS or LOC Z 05



LOC 3.50° D ISM	13.4	12	8	6	4	2
	5000	4490	3010	2260	1520	780

R054 **SME** - at D19 **SME**/ D18.5 **ISM** (MNM **2500**) **RT** follow D21 **SME**/D20.5 **ISM** arc - crossing R094 **SME RT** intercept R099 **SME** inbound to EKROB climb **5000**

GS	120	140	160
D5 ISM	*740*	*860*	*990*
-MAPt	*2:00*	*1:43*	*1:30*

05		Cat 1 DME 1) 2)	LOC DME 1)				Circling SE of RWY only HJ only 3)
C	ft - m/km ft	300 - 650 **330**	610 - 2.1 **640**				1570 - 2.4V **1600**
D	ft - m/km ft	310 - 700 **340**	610 - 2.1 **640**				1930 - 3.6V **1960**

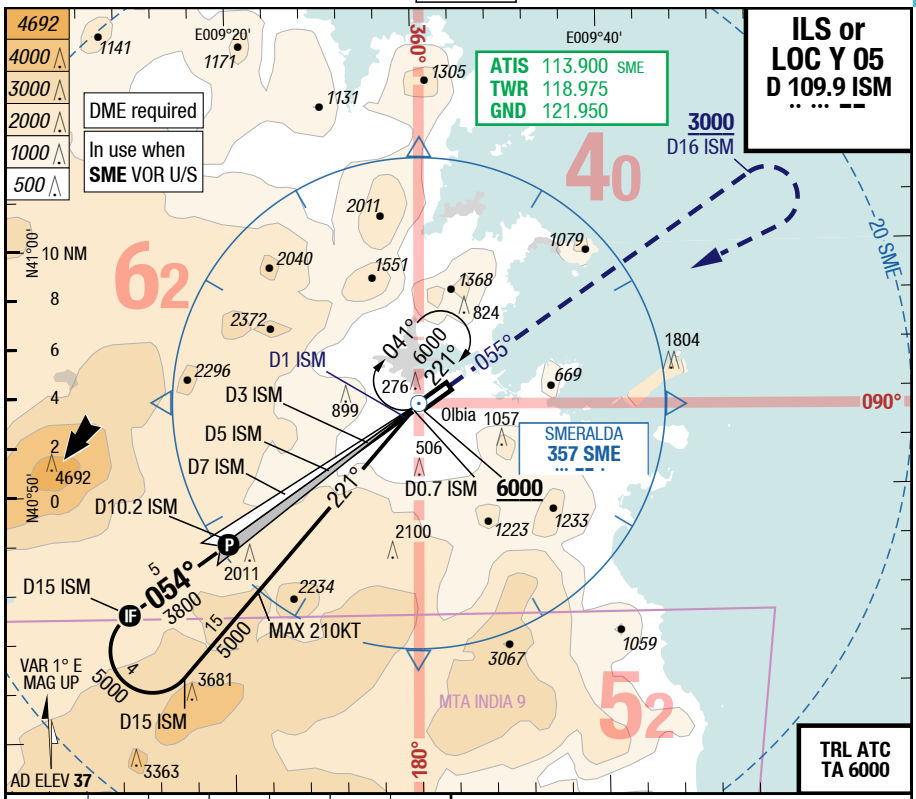
1) During night, PAPI indications mandatory
2) With EVS 550m
3) In VMC only

Changes: FREQ

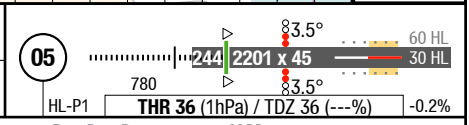
OLB-LIEO

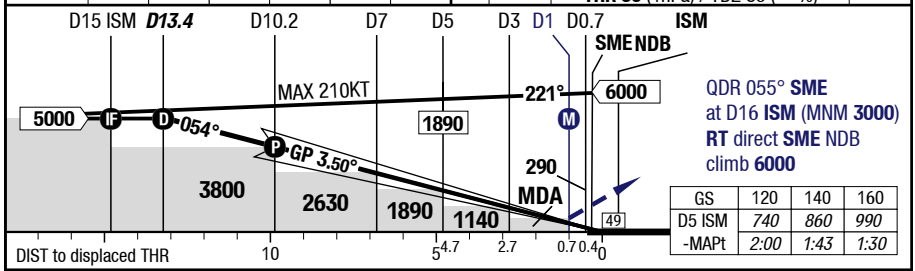
7-20

ILS or LOC Y 05



LOC 3.50° D ISM	13.4	12	8	6	4	2
	5000	4480	3000	2260	1520	770





GS	120	140	160
D5 ISM	*740*	*860*	*990*
-MAPt	*2:00*	*1:43*	*1:30*

05		Cat 1 DME 1) 2)	LOC DME 1)				Circling SE of RWY only HJ only 3)
C	ft - m/km ft	300 - 650 **330**	610 - 2.1 **640**				1570 - 2.4V **1600**
D	ft - m/km ft	310 - 700 **340**	610 - 2.1 **640**				1930 - 3.6V **1960**

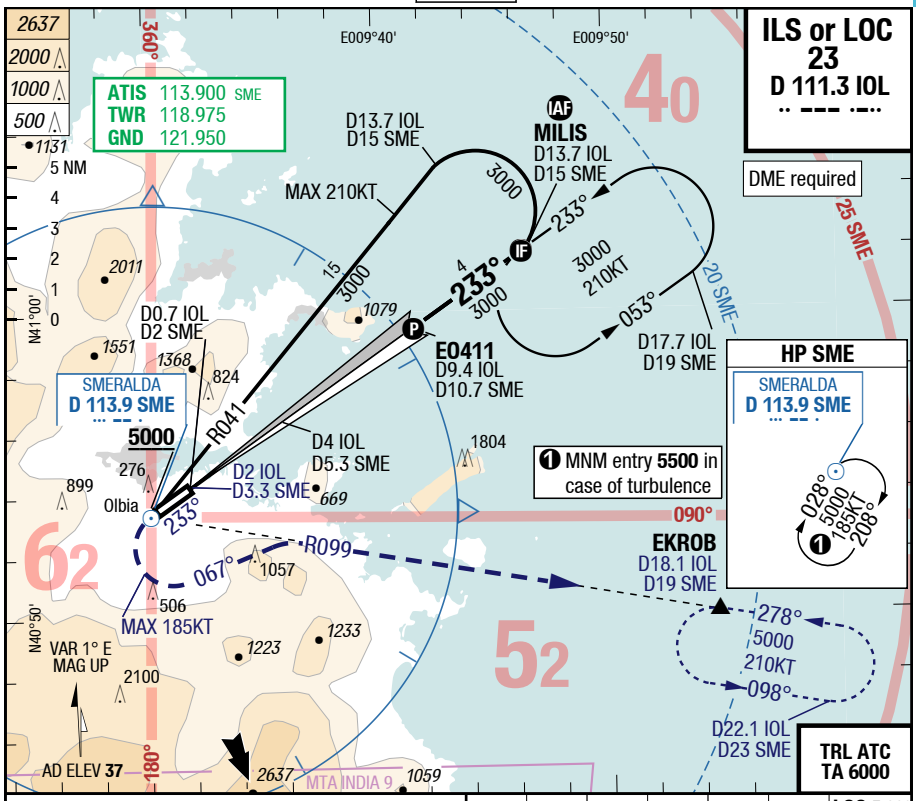
1) During night, PAPI indications mandatory
2) With EVS 550m
3) In VMC only

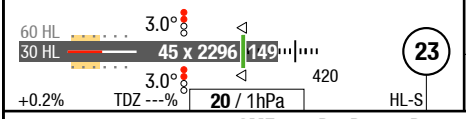
Changes: FREQ

OLB-LIEO

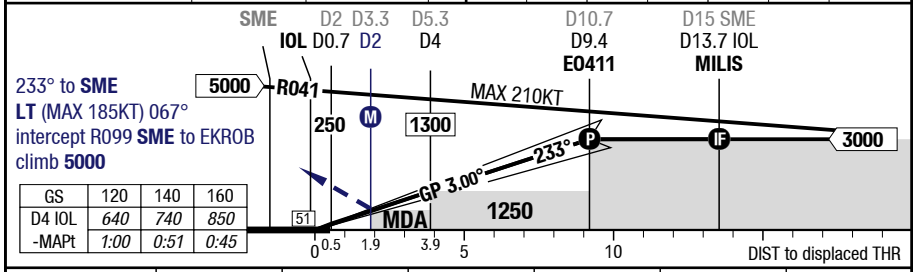
7-30

ILS or LOC 23





3	5	6	7	8	9.4	LOC 3.00°
980	1620	1940	2260	2570	3000	D IOL 233° RWY 234°



GS	120	140	160
D4 IOL	640	740	850
-MAPt	1:00	0:51	0:45

23		Cat 1 DME GA 5.0% 1)	Cat 1 DME GA 2.5% 2)	LOC DME 3)			Circling SE of RWY only HJ only 4)
C	ft - m/km ft	370 - 1.3 **390**	650 - 2.4 **670**	660 - 2.4 **680**			1570 - 2.4V **1600**
D	ft - m/km ft	380 - 1.3 **400**	660 - 2.4 **680**	660 - 2.4 **680**			1930 - 3.6V **1960**

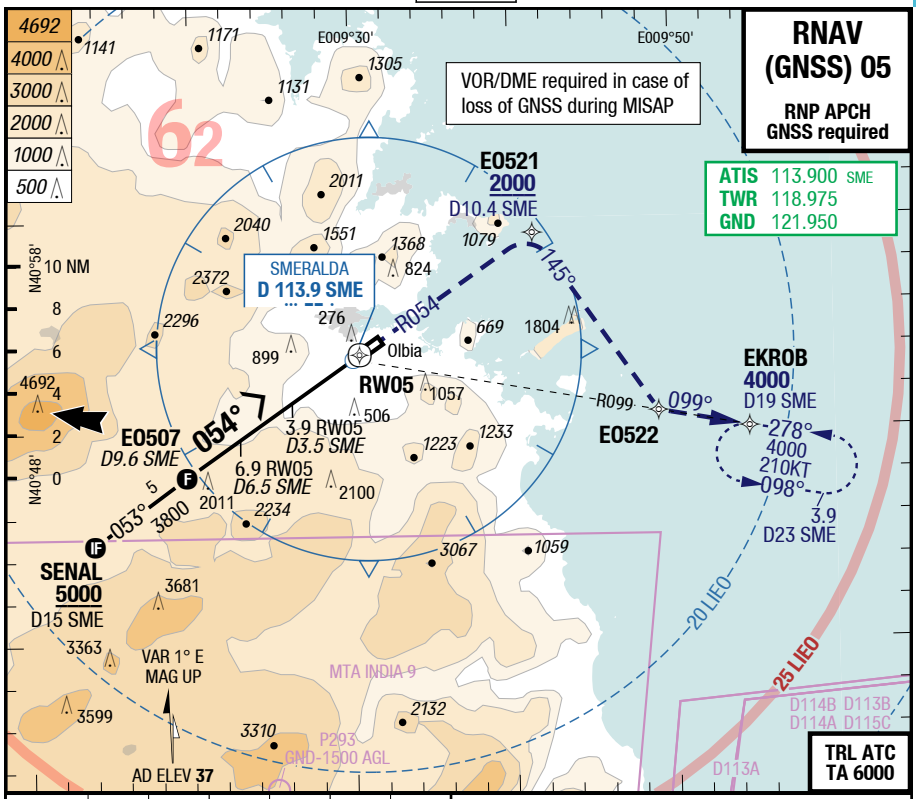
1) With EVS 900m
2) With EVS 1.6km
3) Timing to determine MAPt NA
4) In VMC only

Changes: FREQ

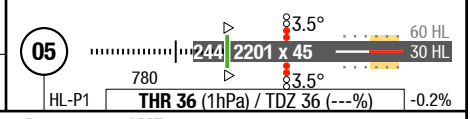
OLB-LIEO

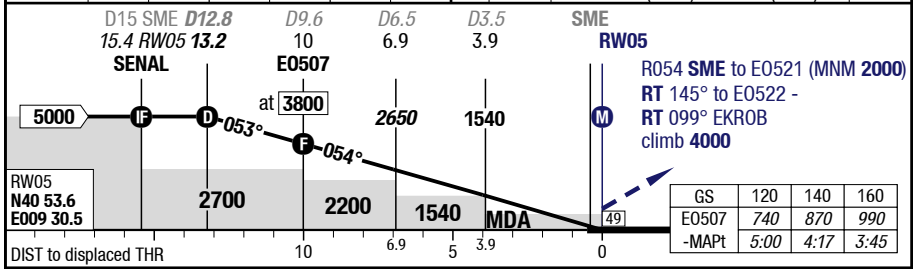
7-50

RNAV (GNSS) 05



3.50° RW05	13.2	12	8	6	3	2
	5000	4550	3060	2320	1200	830





GS	120	140	160
E0507	*740*	*870*	*990*
-MAPt	*5:00*	*4:17*	*3:45*

05		RNAV GNSS VNAV 1) 2)	RNAV GNSS LNAV				Circling SE of RWY only HJ only 3)
C	ft - m/km ft	580 - 1.9 **610**	670 - 2.4 **700**				1470 - 2.4V **1500**
D	ft - m/km ft	580 - 1.9 **610**	670 - 2.4 **700**				1820 - 3.6V **1850**

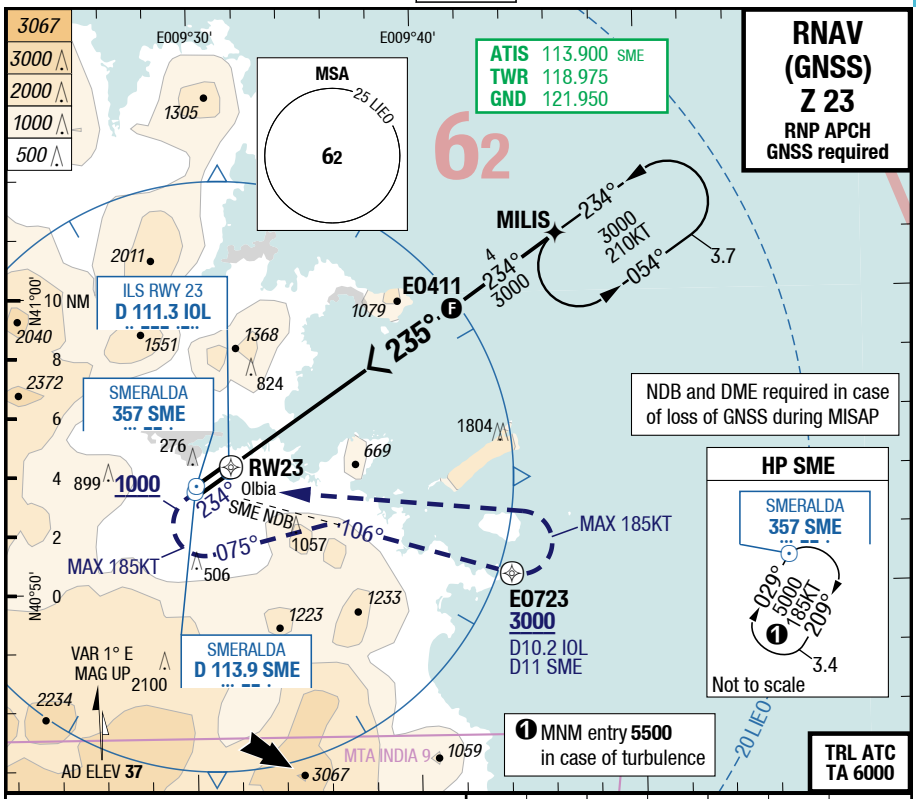
1) Uncompensated BARO VNAV NA below -20°C (-4°F) or above 50°C (122°F) 2) With EVS 1.3km 3) In VMC only

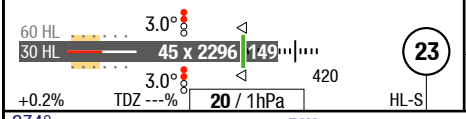
Changes: FREQ, Editorial

OLB-LIEO

7-60

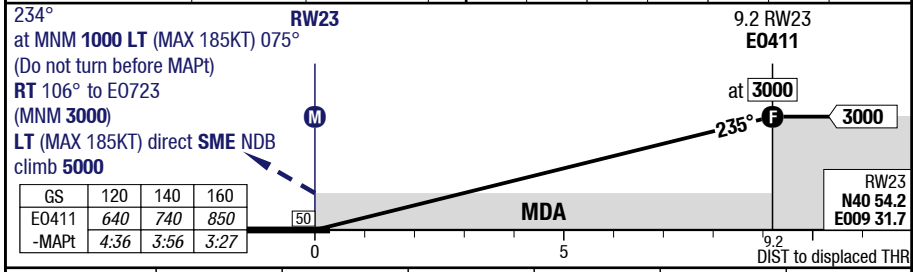
RNAV (GNSS) Z 23





3	4	5	6	7	9.2
1030	1350	1670	1980	2300	3000

3.00°
RW23
235°
RWY 234°



GS	120	140	160
E0411	640	740	850
-MAPt	4:36	3:56	3:27

23		RNAV GNSS VNAV 1) 2)	RNAV GNSS LNAV 3)				Circling SE of RWY only HJ only 4)
C	ft - m/km ft	770 - 2.4 **790**	980 - 2.4 **1000**				1570 - 2.4V **1600**
D	ft - m/km ft	780 - 2.4 **800**	980 - 2.4 **1000**				1930 - 3.6V **1960**

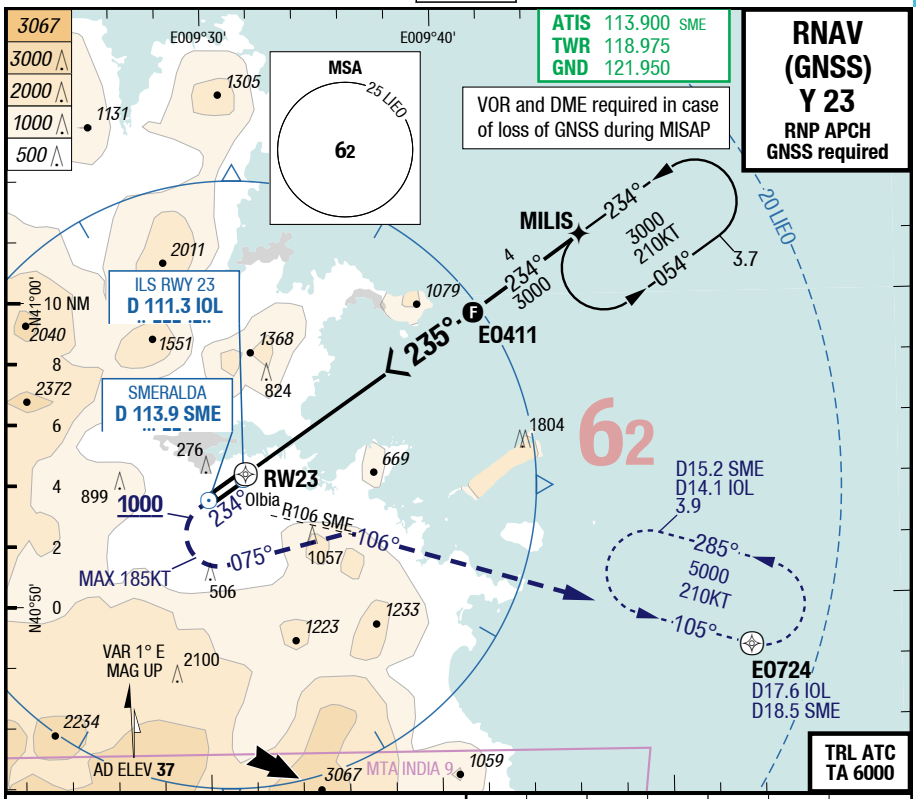
1) Uncompensated BARO VNAV NA below -20°C (-4°F) or above 50°C (122°F) 2) With EVS 1.6km 3) Timing to determine MAPt NA 4) In VMC only

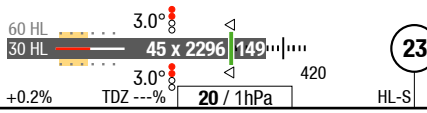
Changes: FREQ, Editorial

OLB-LIEO

7-70

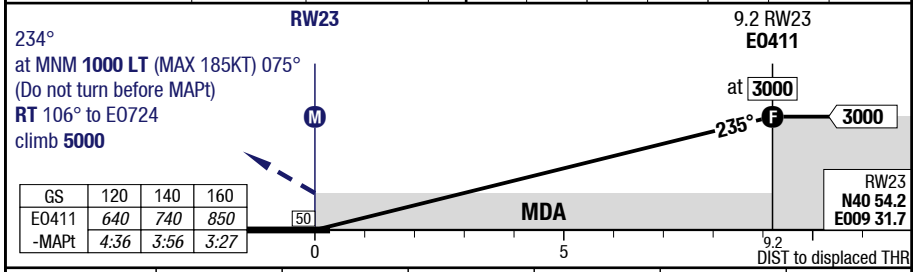
RNAV (GNSS) Y 23





3	4	5	6	7	9.2
1030	1350	1670	1980	2300	3000

3.00°
RW23
235°
RWY 234°



GS	120	140	160
E0411	640	740	850
-MAPt	4:36	3:56	3:27

23		RNAV GNSS VNAV 1) 2)	RNAV GNSS LNAV 3)				Circling SE of RWY only HJ only 4)
C	ft - m/km ft	770 - 2.4 **790**	980 - 2.4 **1000**				1570 - 2.4V **1600**
D	ft - m/km ft	780 - 2.4 **800**	980 - 2.4 **1000**				1930 - 3.6V **1960**

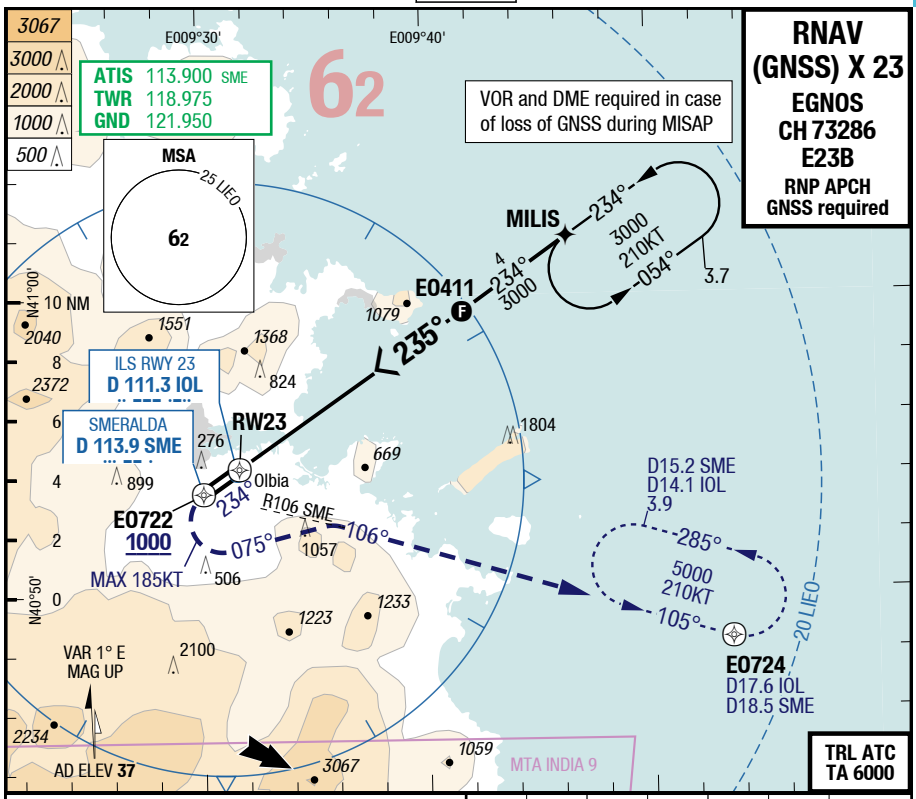
1) Uncompensated BARO VNAV NA below -20°C (-4°F) or above 50°C (122°F) 2) With EVS 1.6km 3) Timing to determine MAPt NA 4) In VMC only

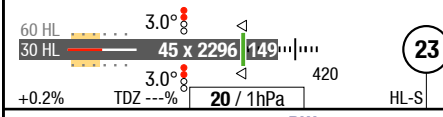
Changes: FREQ, Editorial

OLB-LIEO

7-80

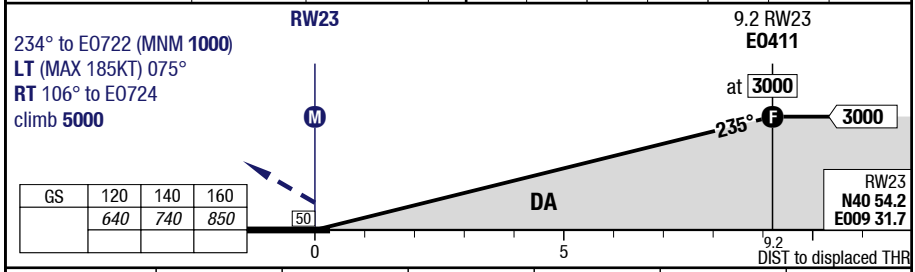
RNAV (GNSS) X 23





3	4	5	6	7	9.2
1030	1350	1670	1980	2300	3000

3.00°
RW23
235°
RWY 234°



23		RNAV GNSS LPV 1)					Circling SE of RWY only HJ only 2)
C	ft - m/km ft	720 - 2.4 **740**					1570 - 2.4V **1600**
D	ft - m/km ft	730 - 2.4 **750**					1930 - 3.6V **1960**

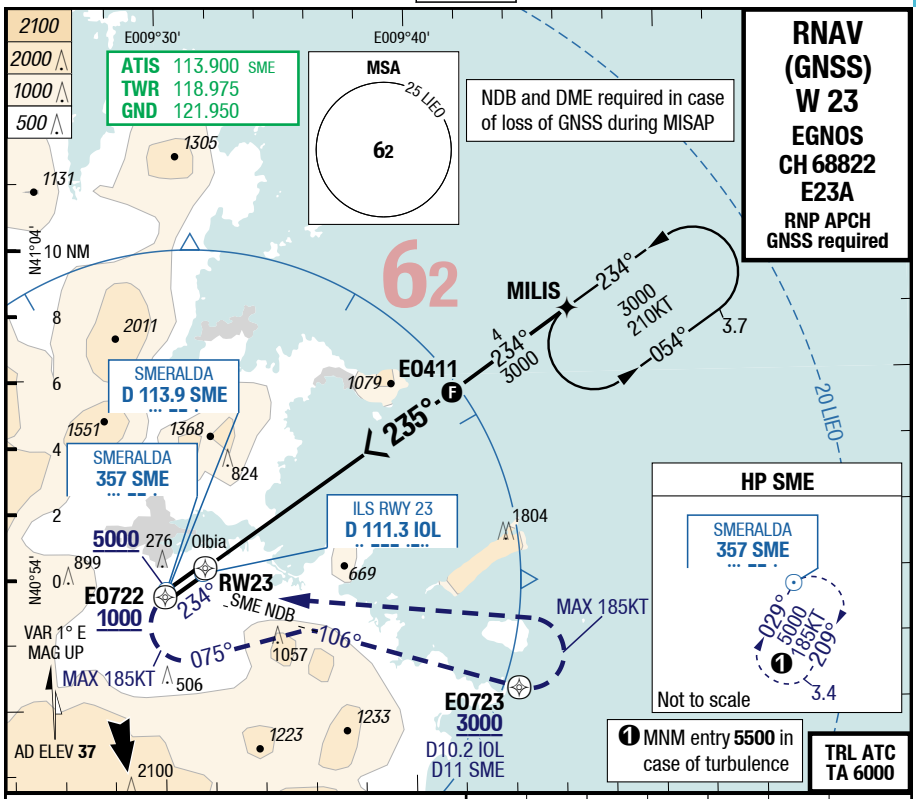
1) With EVS 1.6km
2) In VMC only

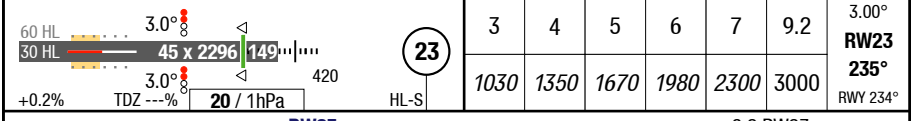
Changes: FREQ, Editorial

OLB-LIEO

7-90

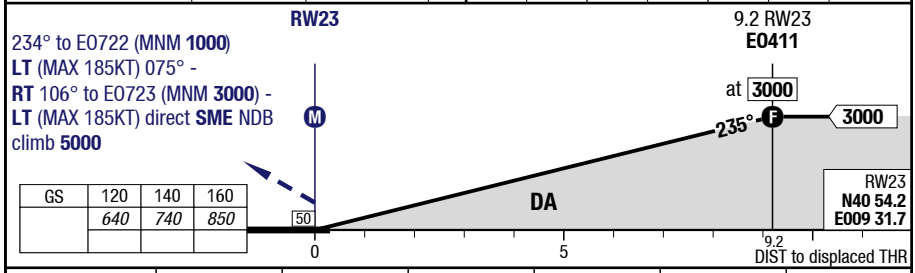
RNAV (GNSS) W 23





3	4	5	6	7	9.2
1030	1350	1670	1980	2300	3000

3.00°
RW23
235°
RWY 234°



23		RNAV GNSS LPV 1)					Circling SE of RWY only HJ only 2)
C	ft - m/km ft	720 - 2.4 **740**					1570 - 2.4V **1600**
D	ft - m/km ft	730 - 2.4 **750**					1930 - 3.6V **1960**

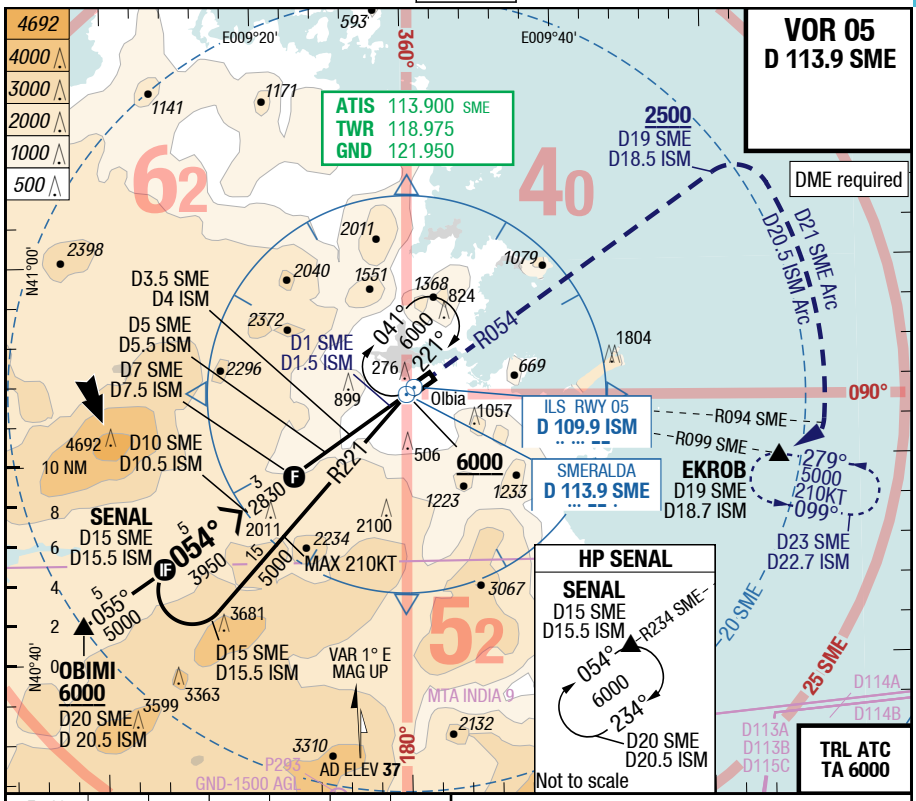
1) With EVS 1.6km
2) In VMC only

Changes: FREQ, Editorial

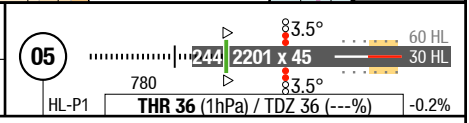
OLB-LIEO

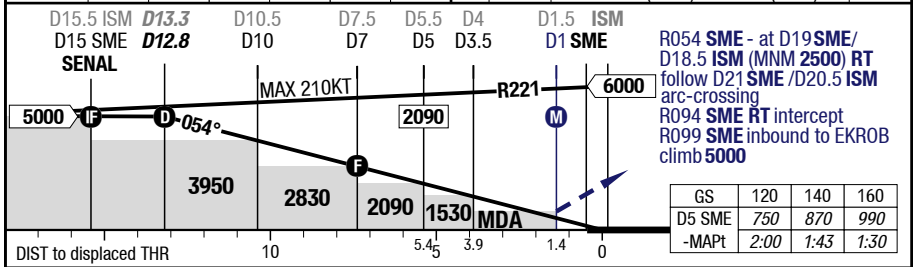
7-110

VOR 05



3.50° D SME	12.8	11	8	6	4	2
	5000	4340	3220	2470	1730	980





GS	120	140	160
D5 SME -MAPt	*750* *2:00*	*870* *1:43*	*990* *1:30*

05		VOR DME 1)					Circling SE of RWY only HJ only 2)
C	ft - m/km ft	820 - 2.4 **850**					1570 - 2.4V **1600**
D	ft - m/km ft	820 - 2.4 **850**					1930 - 3.6V **1960**

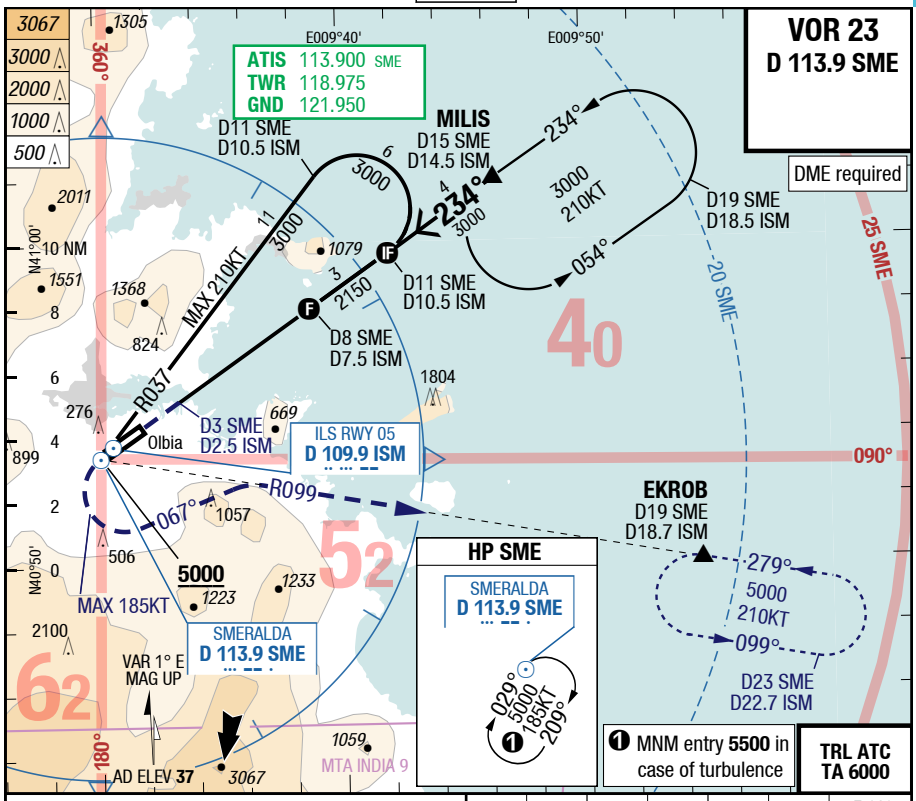
1) During night, PAPI indications mandatory
2) In VMC only

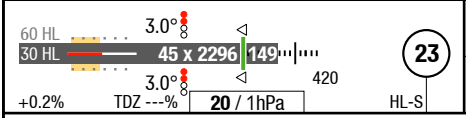
Changes: FREQ

OLB-LIEO

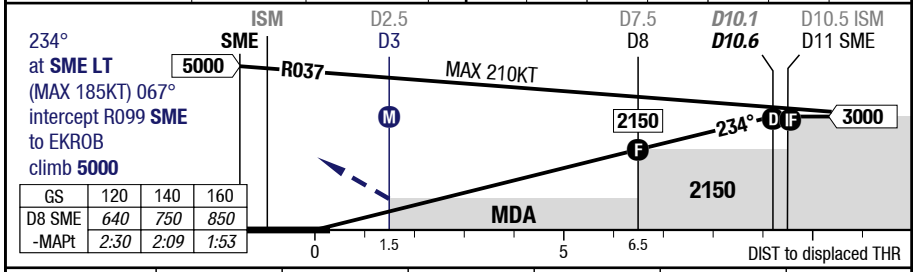
7-120

VOR 23





4	5	6	7	9	10.6	3.02°
870	1190	1510	1830	2480	3000	D SME



GS	120	140	160
D8 SME	640	750	850
-MAPt	2:30	2:09	1:53

23		VOR DME	VOR DME with MAPt by timing				Circling SE of RWY only HJ only 1)
C	ft - m/km ft	830 - 2.4 **850**	1380 - 5.0 **1400**				1570 - 5.0V **1600**
D	ft - m/km ft	830 - 2.4 **850**	1380 - 5.0 **1400**				1930 - 5.0V **1960**

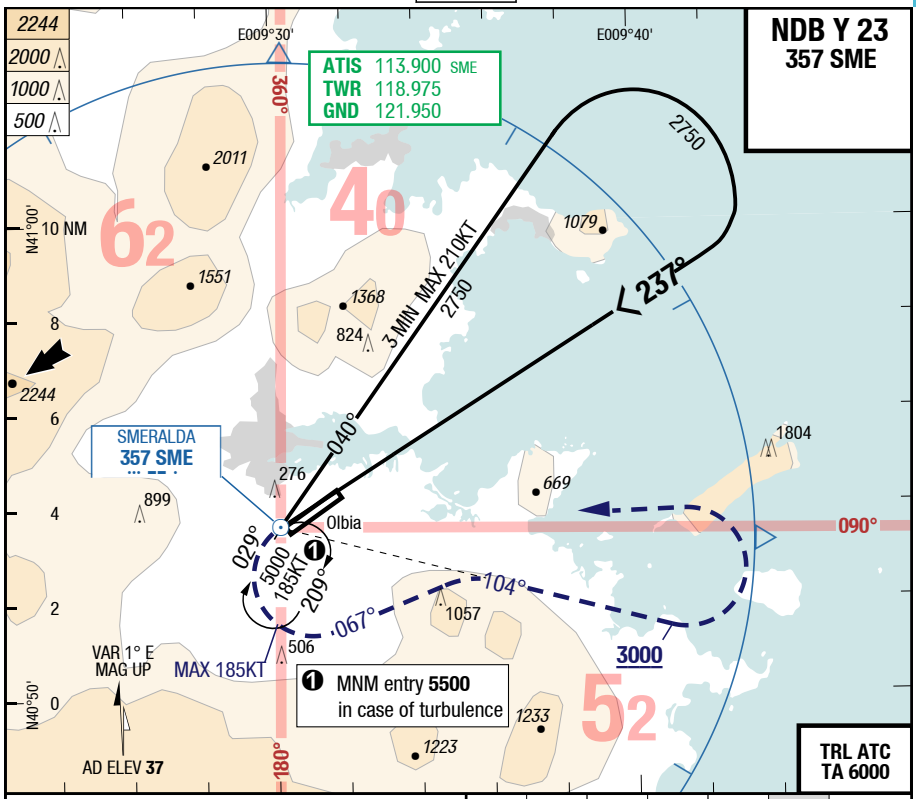
1) In VMC only

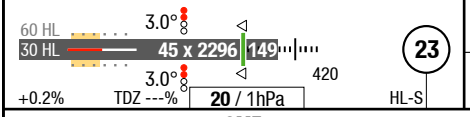
Changes: FREQ

OLB-LIEO

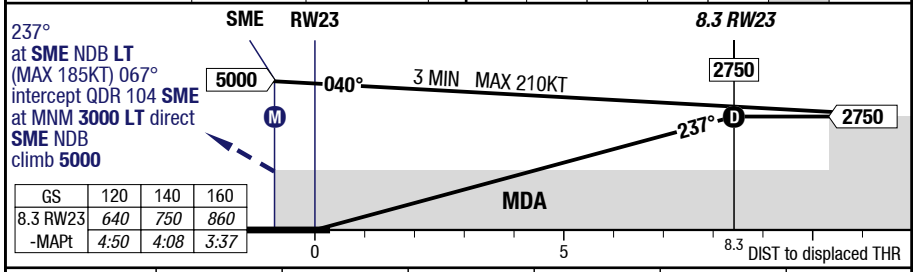
7-130

NDB 23





5	6	7	8	8.3		3.03°
1680	2000	2330	2650	2750		RW23 237° RWY 234°



GS	120	140	160
8.3 RW23	640	750	860
-MAPt	4:50	4:08	3:37

23		NDB					Circling SE of RWY only HJ only 1)
C	ft - m/km ft	1430 - 5.0 **1450**					1570 - 5.0V **1600**
D	ft - m/km ft	1430 - 5.0 **1450**					1930 - 5.0V **1960**

1) In VMC only

Changes: FREQ