

List of pages in this Trip Kit

Trip Kit Index

Airport Information For LIRN

Terminal Charts For LIRN

Revision Letter For Cycle 08-2013

Change Notices

Notebook

General Information

Location: Naples Ita
IATA Code: NAP
Lat/Long: N40° 53.1' E014° 17.4'
Elevation: 294 ft

Airport Use: Public
Magnetic Variation: 2.8°E

Fuel Types: 100 Octane (LL), Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: Yes

Sunrise: 0425 Z
Sunset: 1741 Z,

Runway Information

Runway: 06
Length x Width: 8622 ft x 148 ft
Surface Type: maca
TDZ-Elev: 285 ft
Lighting: Edge, ALS
Displaced Threshold: 1309 ft

Runway: 24
Length x Width: 8622 ft x 148 ft
Surface Type: maca
TDZ-Elev: 248 ft
Lighting: Edge, ALS
Displaced Threshold: 623 ft

Communication Information

ATIS 135.975
Naples Ground Tower 121.9
Naples Tower 118.5
Gesac Afld Operation Ramp/Taxi Control 131.675 MF
Naples Approach Control 124.35
Naples Director (Approach Control Radar) 120.95

1. GENERAL

1.1. ATIS

ATIS 135.97

1.2. NOISE ABATEMENT PROCEDURES

1.2.1. PREFERENTIAL RUNWAY

RWY 24 on dry conditions can be used with MAX 10KT of steady and measured tail wind component.

If the RWY selected by ATC is considered not suitable for the operation desired, pilot may request permission to use a different RWY. In such case ACFT may be subject to delay.

ACFT unable to perform published initial climb procedure from RWY 24 are requested to take-off from RWY 06, according to traffic requirements.

Between 0600-2300LT all civil ACFT licensed according to ICAO Annex 16, Volume I, Chapter 2, without compromising operative safety conditions, must use RWY 06 for departures.

1.2.2. RUN-UP TESTS

Between 1900-0900LT engine tests are forbidden except for those of immediate use.

1.2.3. AUXILIARY POWER UNITS (APUs)

APU must not be started up before 60 minutes from EOBT and must be switched-off not more than 20 minutes after arrival. Exceptions must be cleared in advance.

Due to environmental restrictions on stands 51 thru 57 the use of APU or GPU is forbidden.

1.3. TAXI PROCEDURES

TWY TN available during DAY with MAX wingspan less than 118' / 36m.

1.4. PARKING INFORMATION

On stands 11 thru 23, 51 thru 57 and 61 thru 66 push-back required.

Stands P1 thru P3 available for helicopter.

1.5. OTHER INFORMATION

Area of magnetic abnormality.

RWYs 06 and 24 right-hand circuit.

Warning: Laser beams.

2. ARRIVAL

2.1. SPEED RESTRICTIONS

Arriving ACFT under radar control shall reduce speed (unless otherwise instructed by ATC) to:

- 250 KT at or below FL100
- 200 KT starting turn to intercept ILS/LLZ or appropriate radial (in case of VOR RWY 06/24 final approach) or at a distance of 12 NM from THR
- 180 KT completing intercepting turn or at a distance of 9 NM from THR
- 160 KT at a distance of 5 NM from THR.

Furthermore NAPLES Radar may request pilots:

- to adjust speed in a specific manner during the intermediate approach
- speed adjustment of not more than ± 20 KT if ACFT is established on an intermediate or final approach to a minimum distance of 5 NM from THR.

2.2. NOISE ABATEMENT PROCEDURES

2.2.1. GENERAL

Except for aerodrome traffic pattern and final landing phases, jet ACFT executing visual approach shall avoid to overfly Naples below 5000' as follows:

- sector 120°/210° from ARP within 5 NM
- sector 210°/270° from ARP within 8 NM.

2.2.2. NIGHTTIME RESTRICTION

Between 2100-0600LT it is compulsory for landing ACFT to use the available RWY length to reach the apron.

2.2.3. REVERSE THRUST

The use of reverse above idle is prohibited for landing ACFT, except for safety and operational reasons.

2.3. TAXI PROCEDURES

Unless otherwise cleared by Tower, all CIV ACFT landing on RWY 24 and vacating RWY via TWY B must turn LEFT for all stands.

Unless otherwise cleared by Tower, all ACFT vacating the RWY via TWY L must turn RIGHT for stands 61 thru 66.

During wet RWY condition, TWY BC is not available for CAT D ACFT and A321 with landing weight above 70mt. Pilots of mentioned ACFT must ask for another exit TWY.

3. DEPARTURE

3.1. NOISE ABATEMENT PROCEDURES

Jet ACFT shall comply with initial climb and SID procedures until passing 5000'.

During the initial climb phase pilots shall maintain the following parameters:

- a) up to 1500' QFE
 - take-off power;
 - take-off flap;
 - climb at $V_2 + 10/20$ KT or as limited by body angle;
- b) at 1500' QFE
 - reduce thrust and climb $V_2 + 10/20$ KT until reaching 3000' QFE;
- c) at 3000' QFE
 - accelerate smoothly to enroute climb speed with flap retraction.

3.2. START-UP & PUSH-BACK PROCEDURES

When fully "ready" pilots must contact GESAC Apron Management Office to be released.

Ready means: handling operations completed, doors and holds closed, stairs retracted or removed, push-back tractor connected to the ACFT (nose-in stand) and stand clear of vehicles and personnel with exception of equipment that may be necessary for engine start-up.

ACFT will be instructed to move from the stand by Tower only when released by the Aerodrome Operator GESAC.

Pilots must request start-up clearance from NAPLES Ground.

ACFT must begin start-up procedures only after push-back and only when no men and equipment are in the area.

If APU is unserviceable, ACFT can start-up MAX two engines at the stand and then can begin push-back procedures.

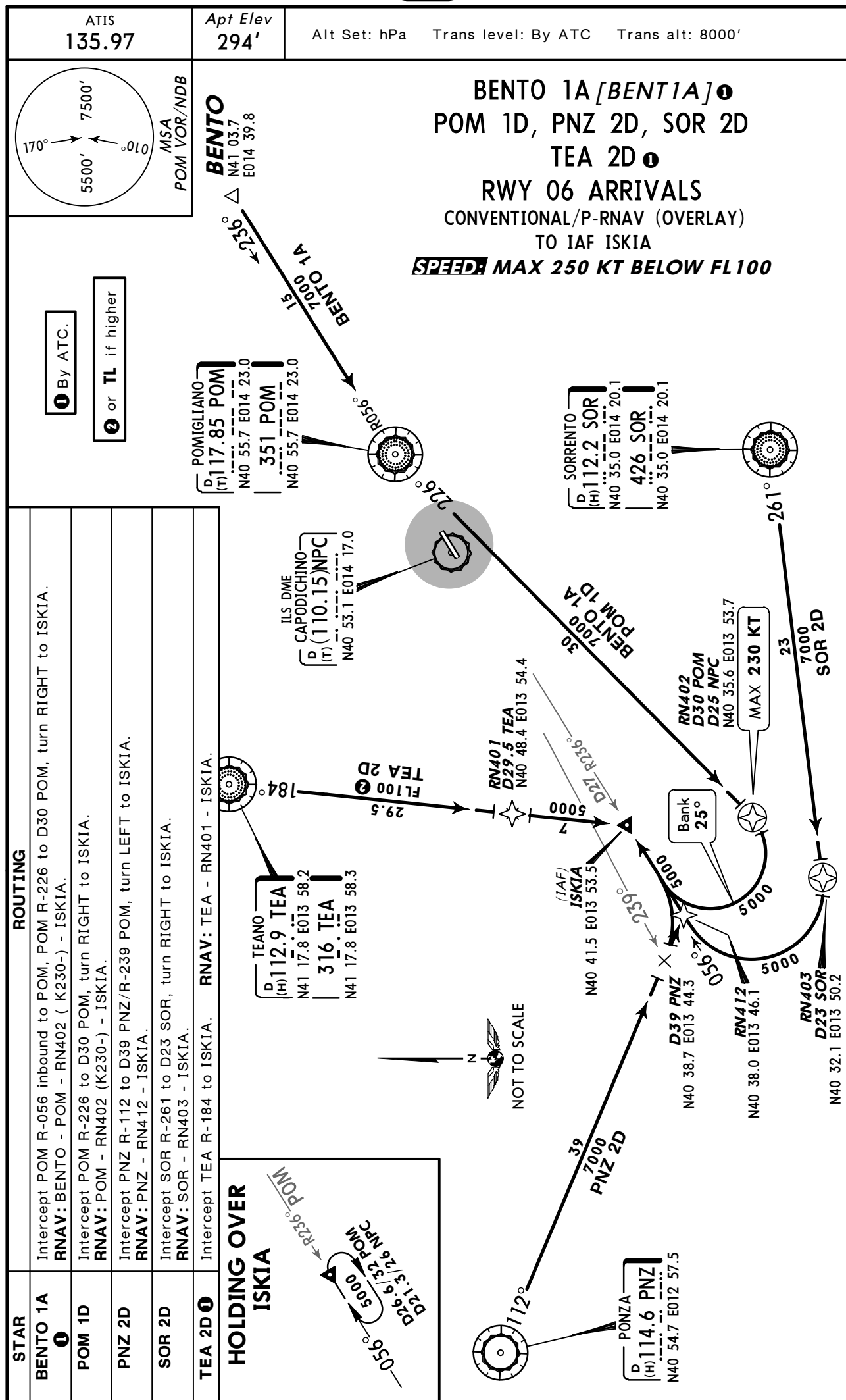
MSA
POM VOR/NDB

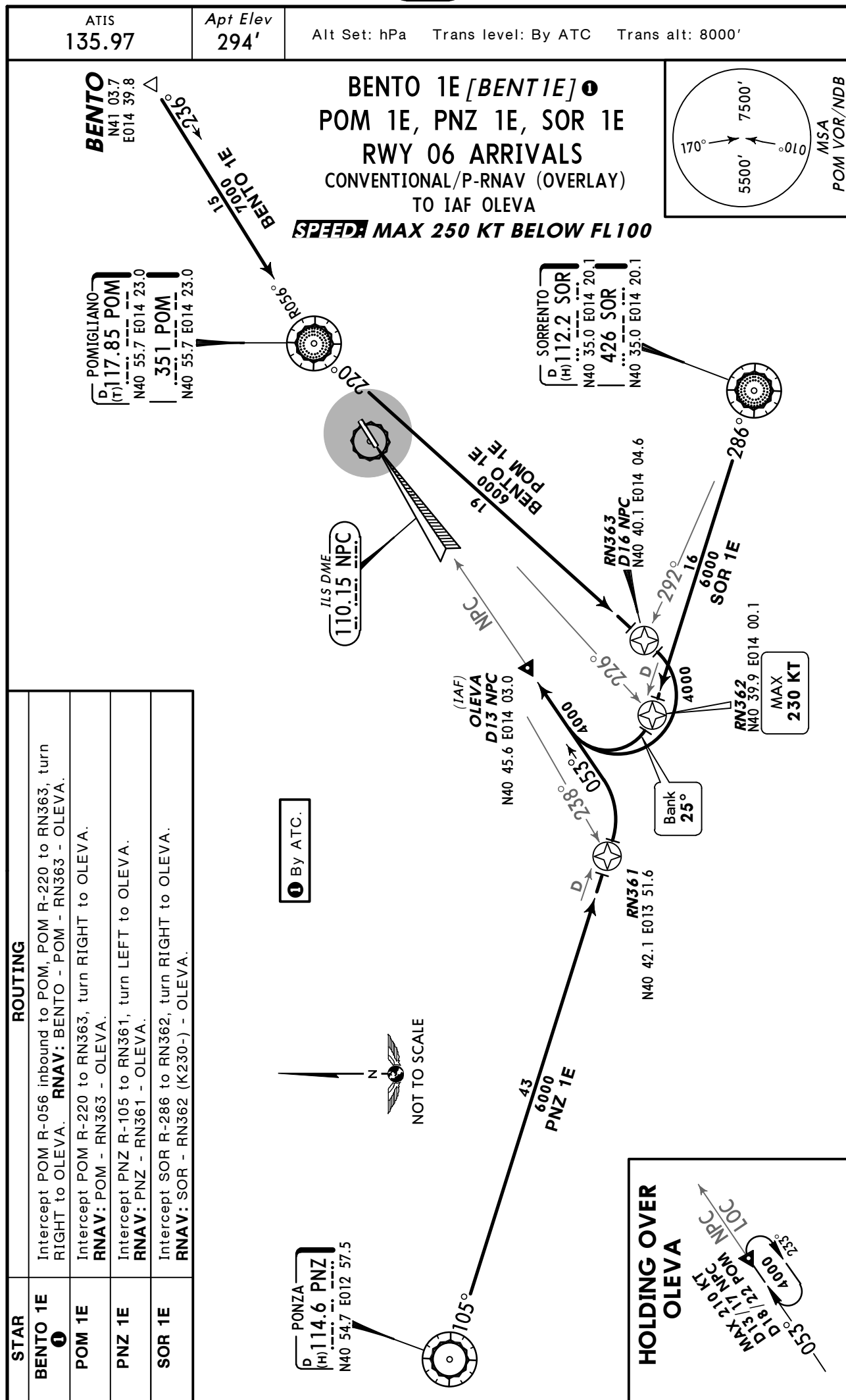
Map showing distances and bearings between several locations in Campania, Italy:

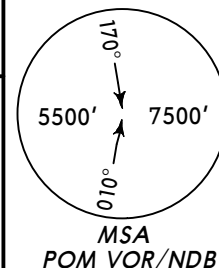
- TEANO** (N41 17.8 E013 58.2) to **AKAMO** (N41 11.5 E014 39.2): 29, 138°
- AKAMO** (N41 11.5 E014 39.2) to **AMSOR** (N41 09.4 E014 52.2): 20, 216°
- AMSOR** (N41 09.4 E014 52.2) to **BENTO** (N41 03.7 E014 39.8): 11, 236°
- BENTO** (N41 03.7 E014 39.8) to **POMIGLIANO** (N40 55.7 E014 23.0): 15, 8000
- POMIGLIANO** (N40 55.7 E014 23.0) to **TEANO** (N41 17.8 E013 58.2): R318°, 8000

Legend: 1 or TL if higher

TRANSITION	ROUTING
AKAMO 1F	AKAMO - POM.
AMSOR 1F	AMSOR - BENTO - POM.
TEA 1F	TEA - POM.



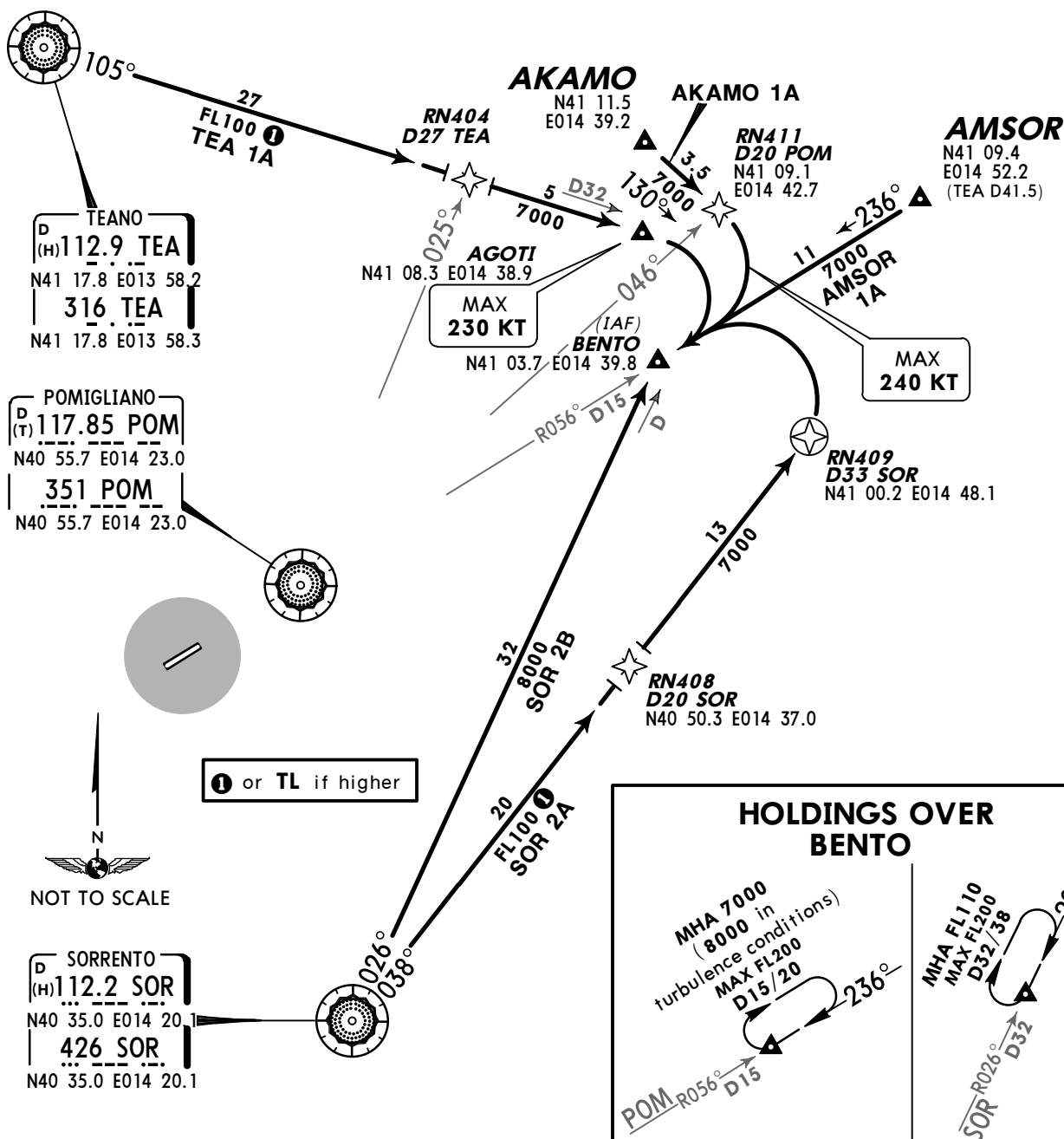


ATIS
135.97Apt Elev
294'Alt Set: hPa
Trans level: By ATC Trans alt: 8000'

AKAMO 1A [AKAM1A]
AMSOR 1A [AMSO1A]
SOR 2A, SOR 2B, TEA 1A
RWY 24 ARRIVALS

CONVENTIONAL/P-RNAV (OVERLAY)
TO IAF BENTO

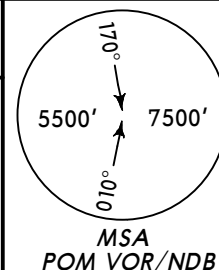
~~SPEED~~ MAX 250 KT BELOW FL100



STAR

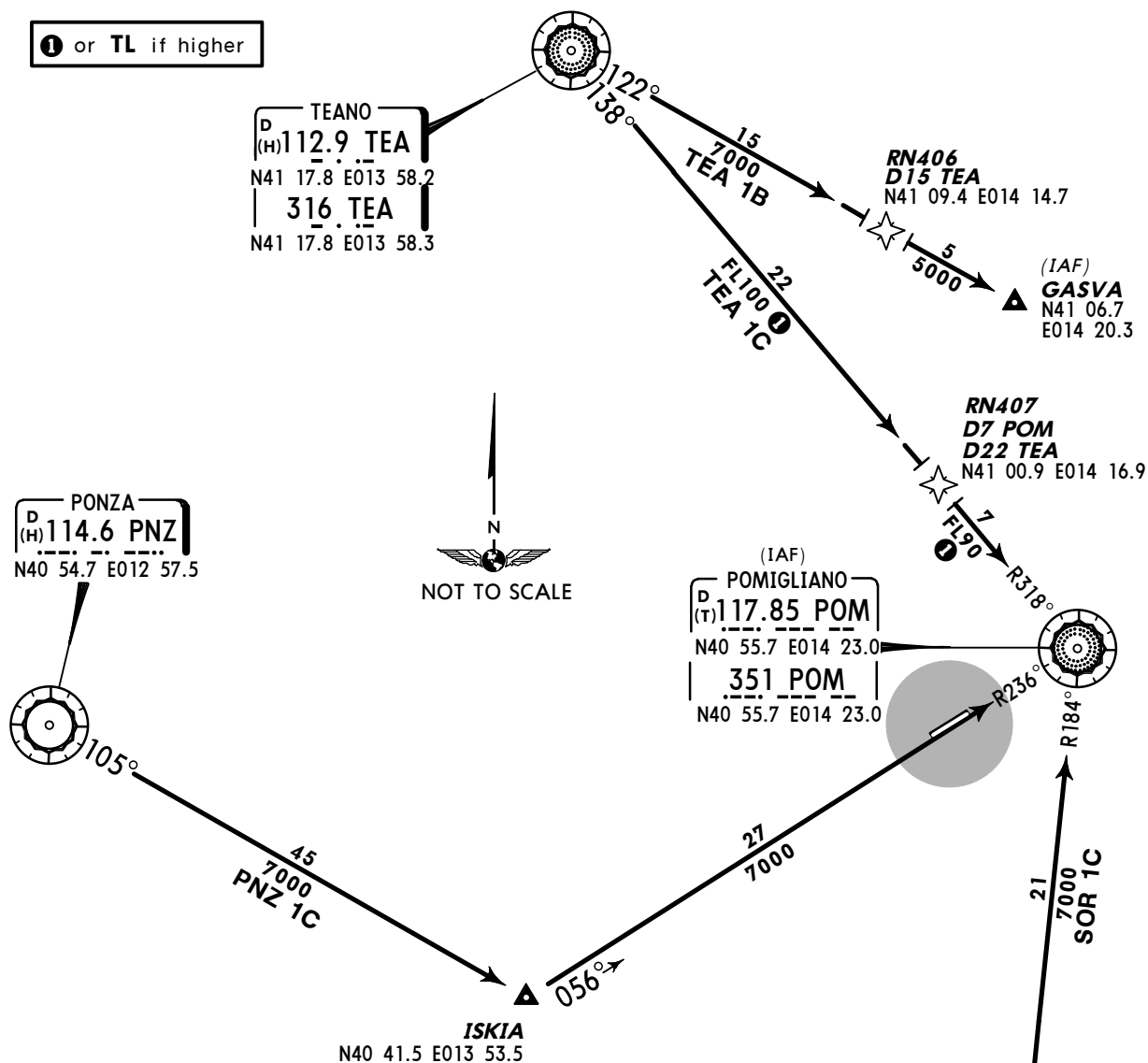
ROUTING

AKAMO 1A	On 130° track, at POM R-046 turn RIGHT, intercept POM R-056 inbound to BENTO. RNAV: AKAMO - RN411 - BENTO.
AMSOR 1A	Intercept POM R-056 inbound to BENTO. RNAV: AMSOR - BENTO.
SOR 2A By ATC	Intercept SOR R-038 to D33 SOR, turn LEFT, intercept POM R-056 inbound to BENTO. RNAV: SOR - RN408 - RN409 - BENTO.
SOR 2B	Intercept SOR R-026 to BENTO. RNAV: SOR - BENTO.
TEA 1A	Intercept TEA R-105 to AGOTI, turn RIGHT, intercept POM R-056 inbound to BENTO. RNAV: TEA- RN404 - AGOTI (K230-) - BENTO.

ATIS
135.97Apt Elev
294'Alt Set: hPa
Trans level: By ATC Trans alt: 8000'

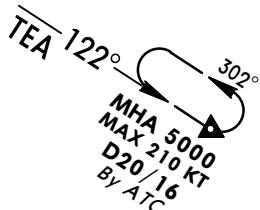
PNZ 1C, SOR 1C
TEA 1B, TEA 1C
RWY 24 ARRIVALS
CONVENTIONAL/P-RNAV (OVERLAY)
~~SPEED~~ MAX 250 KT BELOW FL100

① or TL if higher

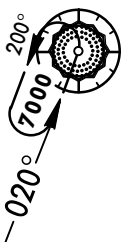


HOLDINGS OVER

GASVA

Not to be used in
turbulence conditions.

POM



SORRENTO
D (H) 112.2 SOR
N40 35.0 E014 20.1
426 SOR
N40 35.0 E014 20.1

STAR

ROUTING

PNZ 1C

Intercept PNZ R-105 to ISKIA, intercept POM R-236 inbound to POM.
RNAV: PNZ - ISKIA - POM.

SOR 1C

Intercept SOR R-004 to POM. RNAV: SOR - POM.

TEA 1B

By ATC

Intercept TEA R-122 to GASVA.
RNAV: TEA - RN406 - GASVA.

TEA 1C

Intercept TEA R-138 to POM. RNAV: TEA - RN407 - POM.

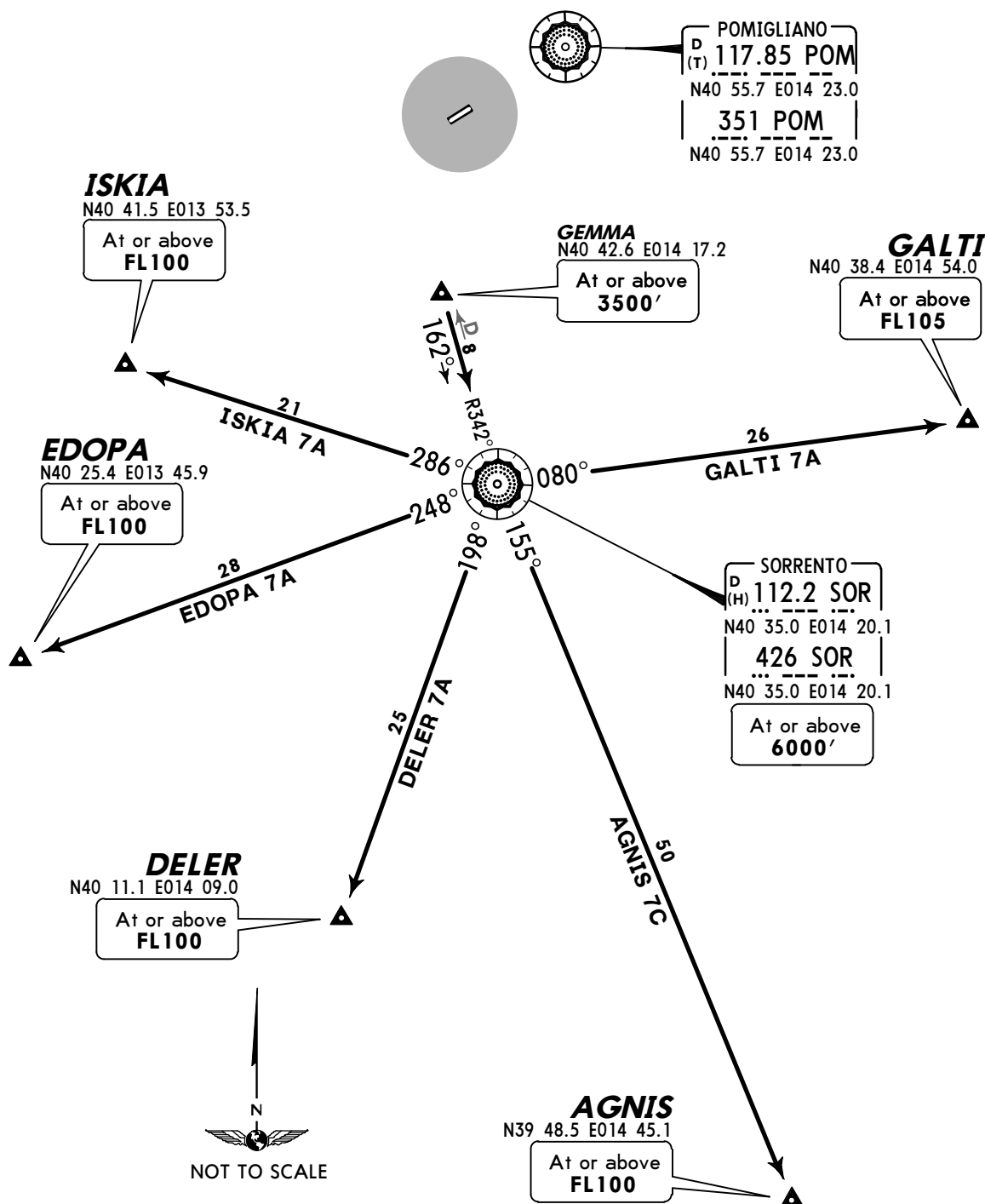
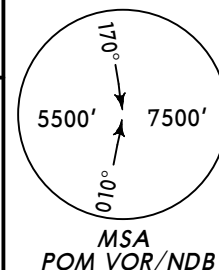
Trans level: By ATC Trans alt: 8000'

1. Initial climb procedures are also noise abatement routes.
2. EXPECT close-in obstacles.

Apt Elev
294'

Trans level: By ATC Trans alt: 8000'

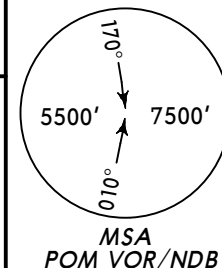
AGNIS 7C [AGNI7C], DELER 7A [DELE7A]
EDOPA 7A [EDOP7A], GALTİ 7A [GALT7A]
ISKIA 7A [ISKI7A]
RWYS 06, 24 DEPARTURES



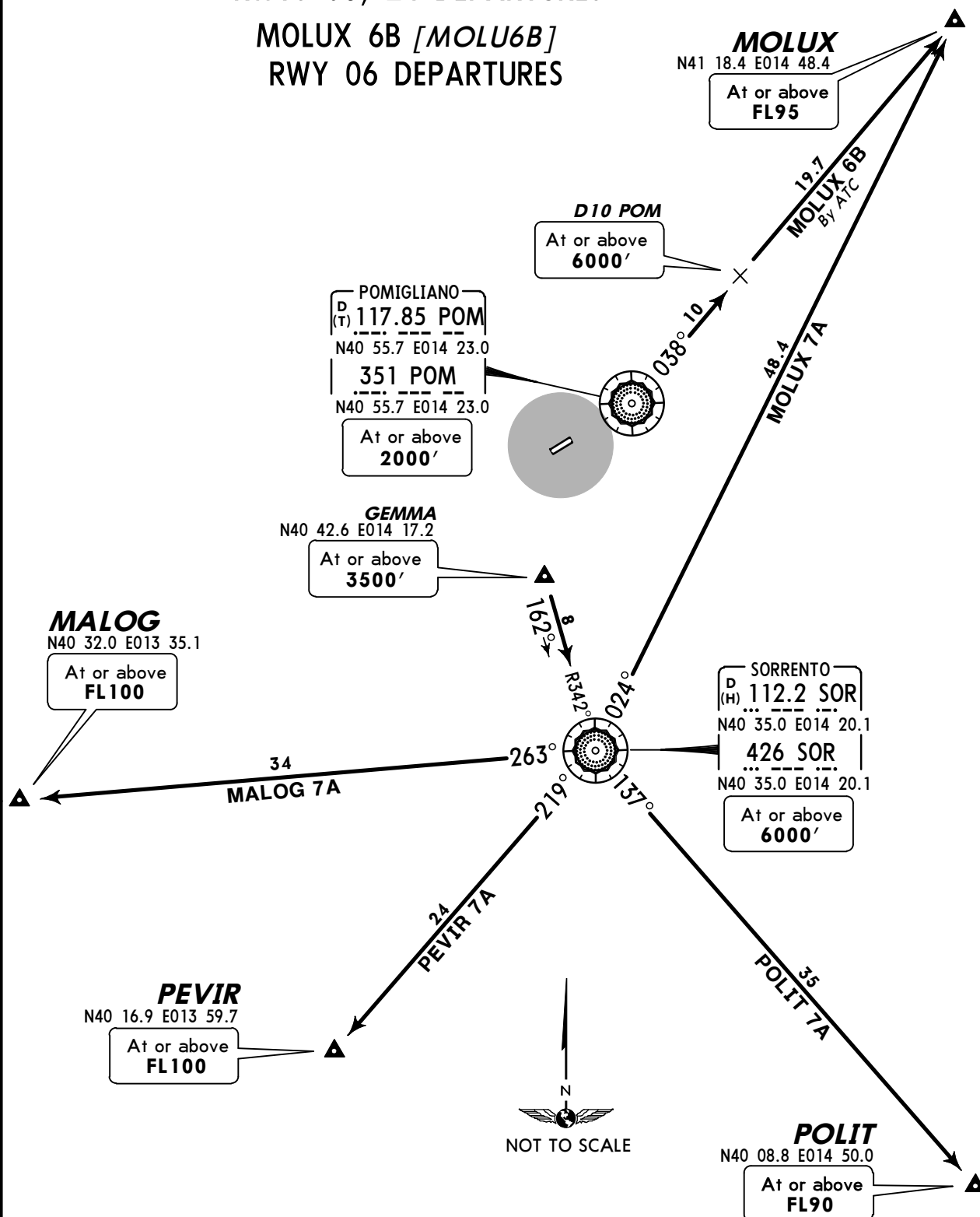
SID	ROUTING
AGNIS 7C	Proceed to SOR, turn LEFT, SOR R-155 to AGNIS.
DELER 7A	Proceed to SOR, turn RIGHT, SOR R-198 to DELER.
EDOPA 7A	Proceed to SOR, turn RIGHT, SOR R-248 to EDOPA.
GALTİ 7A	Proceed to SOR, turn LEFT, SOR R-080 to GALTİ.
ISKIA 7A	Proceed to SOR, turn RIGHT, SOR R-286 to ISKIA.

Apt Elev
294'

Trans level: By ATC Trans alt: 8000'



MALOG 7A [MALO7A]
MOLUX 7A [MOLU7A], PEVIR 7A [PEVI7A]
POLIT 7A [POLI7A]
RWYS 06, 24 DEPARTURES
MOLUX 6B [MOLU6B]
RWY 06 DEPARTURES

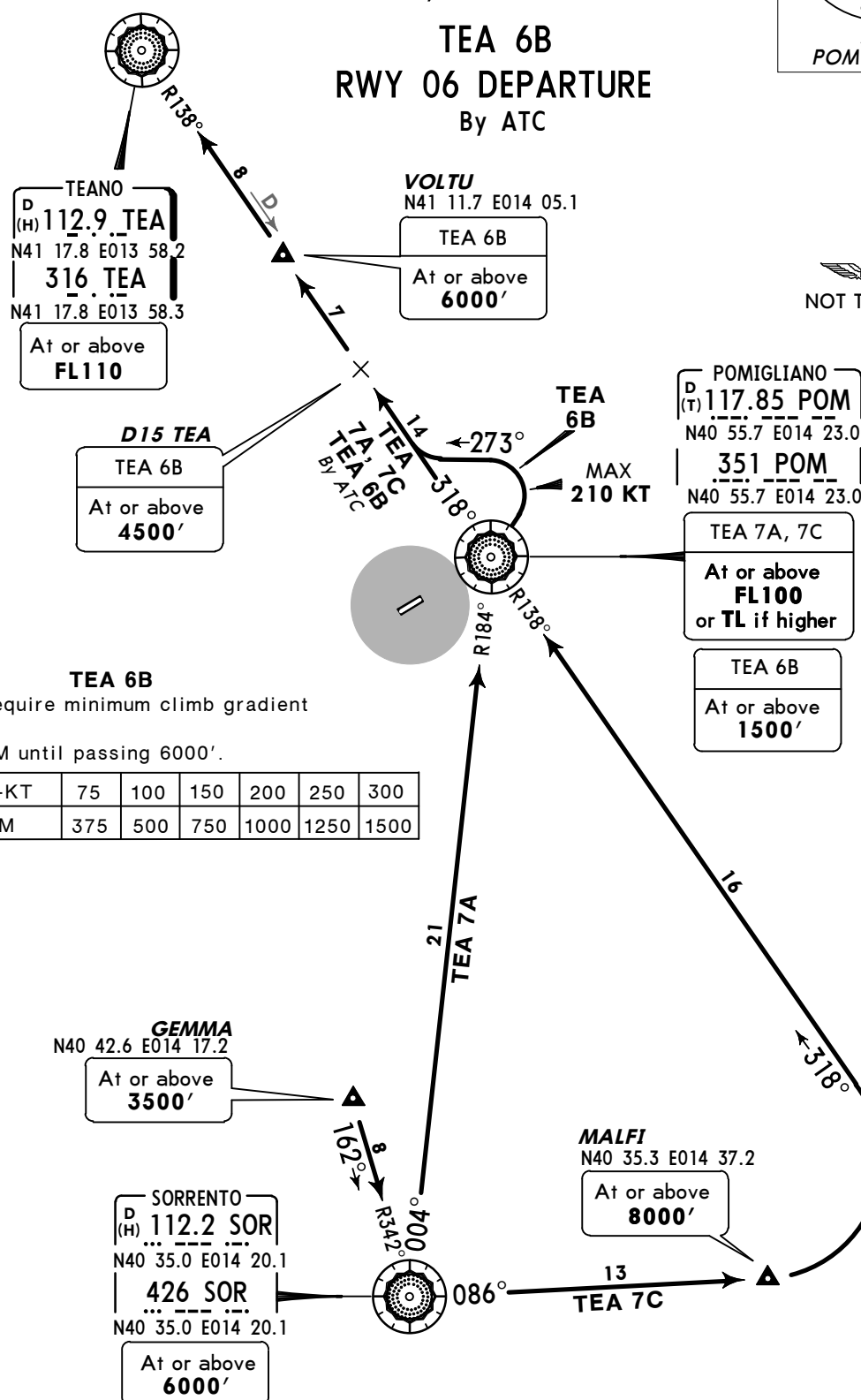
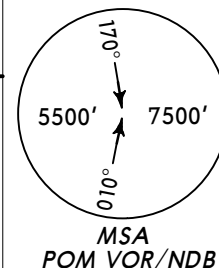


Rwy 06: Execute turns after initial climb with MAX 230 KT.

SID	RWY	ROUTING
MALOG 7A	06, 24	Proceed to SOR, turn RIGHT, SOR R-263 to MALOG.
MOLUX 7A		Proceed to SOR, turn LEFT, SOR R-024 to MOLUX.
MOLUX 6B By ATC	06	Proceed to POM, turn LEFT, POM R-038 to MOLUX.
PEVIR 7A	06, 24	Proceed to SOR, turn RIGHT, SOR R-219 to PEVIR.
POLIT 7A		Proceed to SOR, turn LEFT, SOR R-137 to POLIT.

Apt Elev
294'

Trans level: By ATC Trans alt: 8000'

TEA 7A, TEA 7C
RWYS 06, 24 DEPARTURESTEA 6B
RWY 06 DEPARTURE
By ATC**TEA 6B**

This SID require minimum climb gradient of 300' per NM until passing 6000'.

Gnd speed-KT	75	100	150	200	250	300
300' per NM	375	500	750	1000	1250	1500

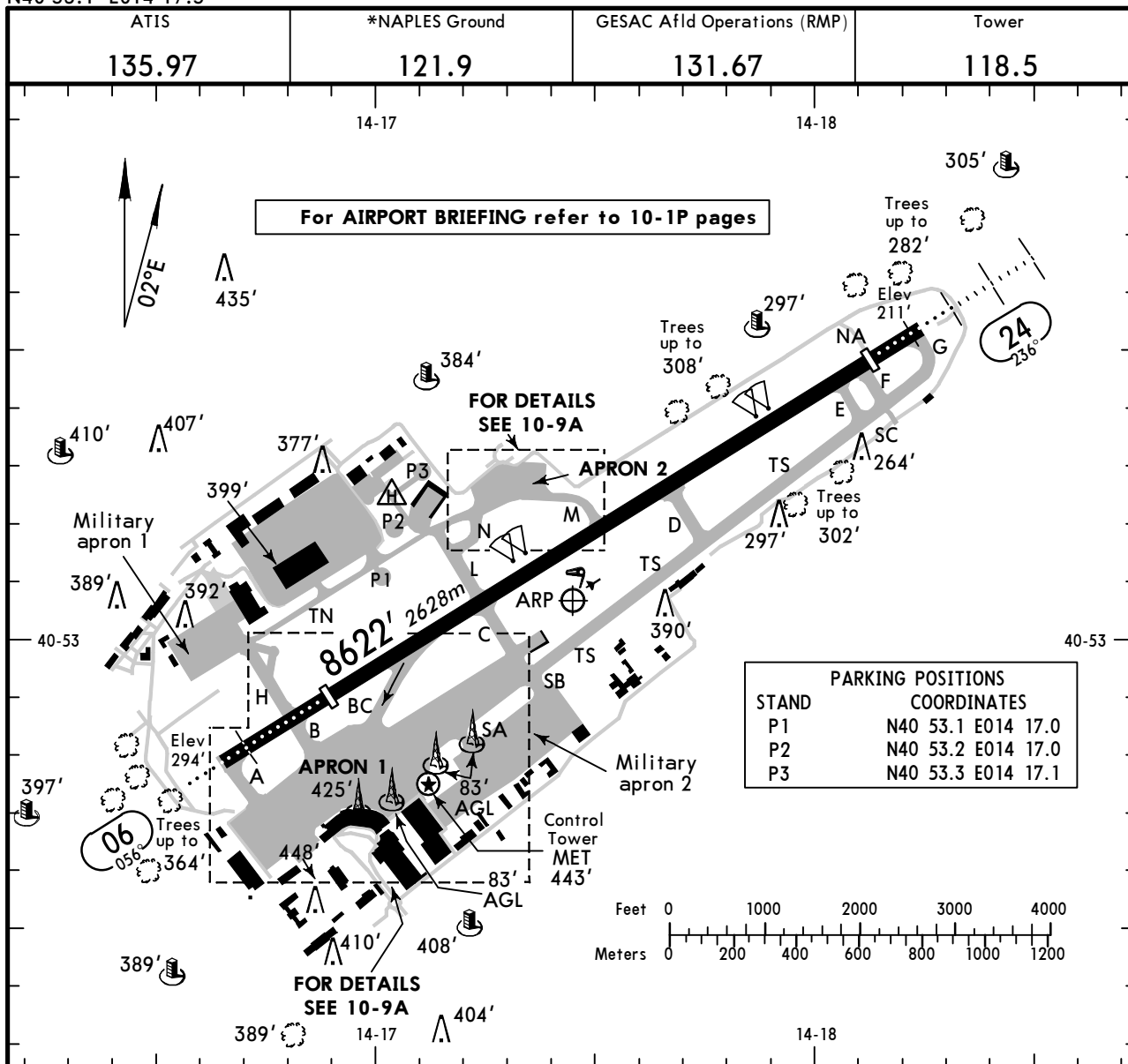
Rwy 06: Execute turns after initial climb with MAX 230 KT.

SID	RWY	ROUTING
TEA 7A	06, 24	Proceed to SOR turn LEFT, SOR R-004 to POM, POM R-318 to TEA. Before passing SOR the LEFT turn to POM may be executed, when ATC clearance received and aircraft has crossed 6000' climbing.
TEA 6B By ATC	06	From POM turn LEFT, 273° track, intercept POM R-318 to TEA.
TEA 7C	06, 24	Proceed to SOR turn LEFT, SOR R-086 to MALFI, turn LEFT, intercept POM R-138 inbound to POM, then proceed to TEA.

LIRN/NAP
 Apt Elev **294'**
 N40 53.1 E014 17.5

JEPPESEN
 12 OCT 12 **(10-9)**

NAPLES, ITALY
CAPODICHINO



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond Glide Slope		
06	HIRL (60m) HIALS PAPI (angle 3.50°) CGL	7313' 2229m	6334' 1931m	1	148' 45m
24	HIRL (60m) HIALS PAPI (angle 3.33°) HST-BC RVR	7999' 2438m	7216' 2199m		

1 TAKE-OFF RUN AVAILABLE

RWY 06:

From rwy head 8622' (2628m)
 twy H int 7769' (2368m)
 twy B int 7766' (2367m)

RWY 24:

From rwy head 8622' (2628m)
 twy E int 7631' (2326m)

Standard

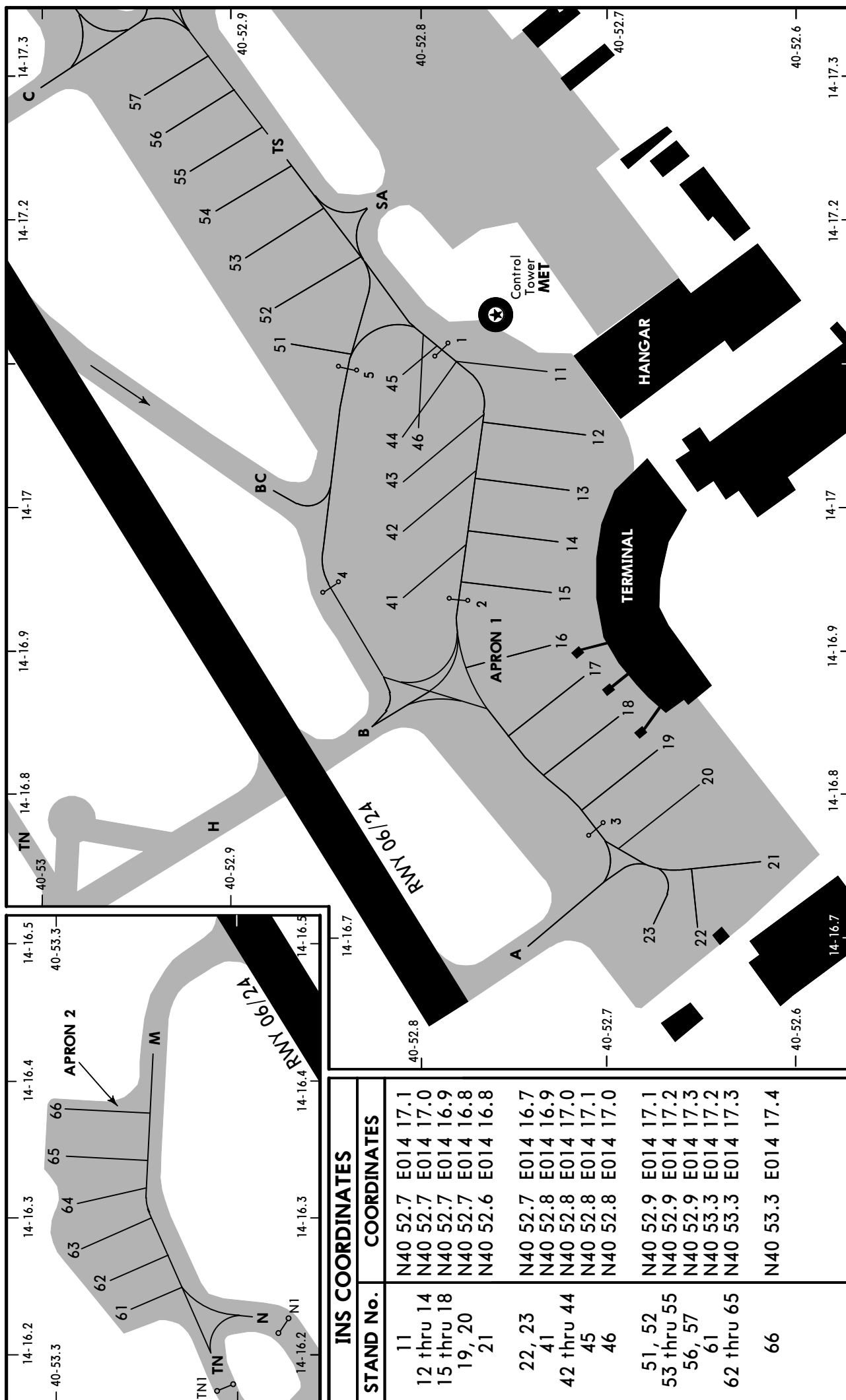
TAKE-OFF

A	
B	
C	
D	

RVR 700m

CHANGES: Intersection TORA.

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LIRN/NAP CAPODICHINO

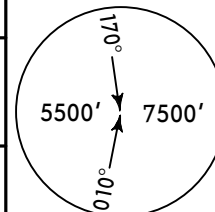
18 DEC 09

11-1

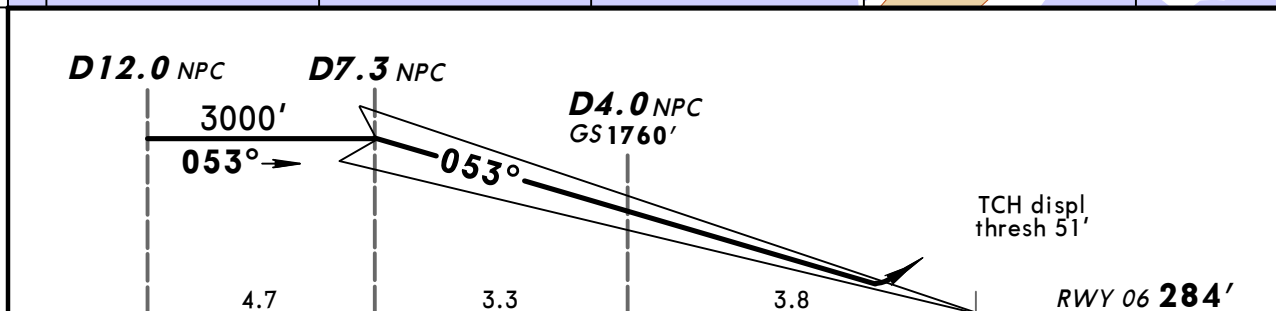
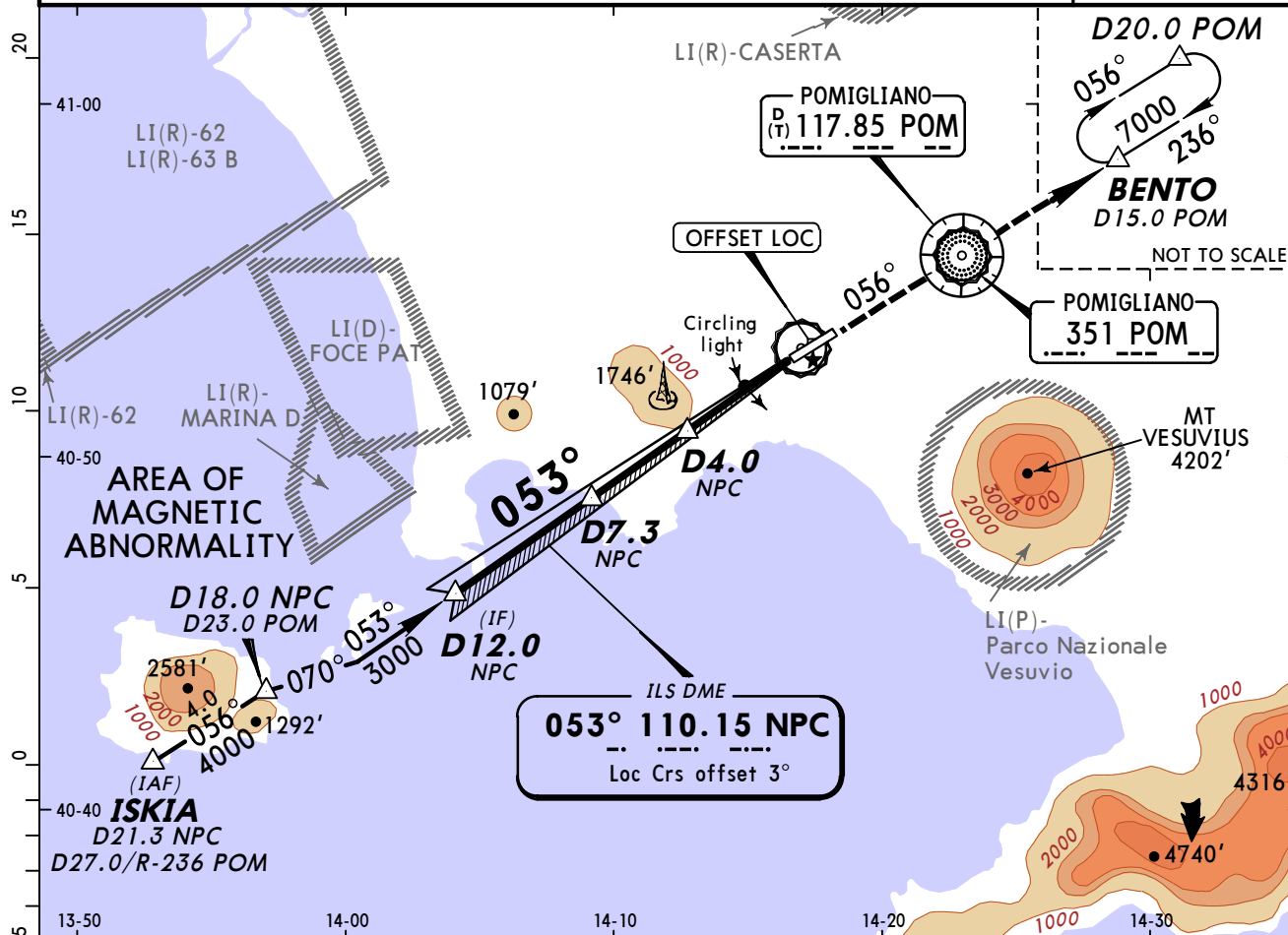
MISSED APCH CLIMB
GRAD MIM 5.2%

NAPLES, ITALY
ILS Z Rwy 06

ATIS 135.97	NAPLES Approach (R) 124.35	NAPLES Tower 118.5	*Ground 121.9
LOC NPC 110.15	Final Apch Crs 053°	GS D4.0 NPC 1760' (1476')	ILS DA(H) 680' (396')
Apt Elev 294' RWY 284'			
MISSED APCH: Climb on 056° to 7000' to VOR/NDB, then proceed direct to BENTO and hold.			
Alt Set: hPa	Rwy Elev: 10 hPa	Trans level: By ATC	Trans alt: 8000'
VOR + DME REQUIRED.			



MSA
POM VOR



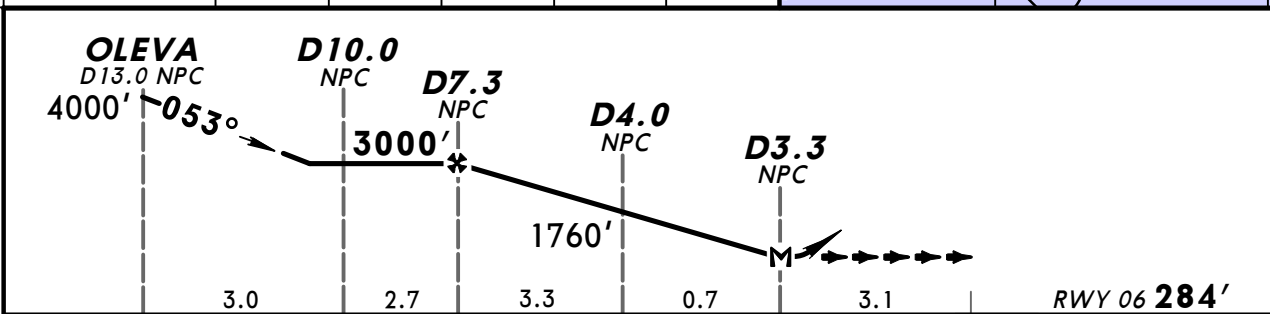
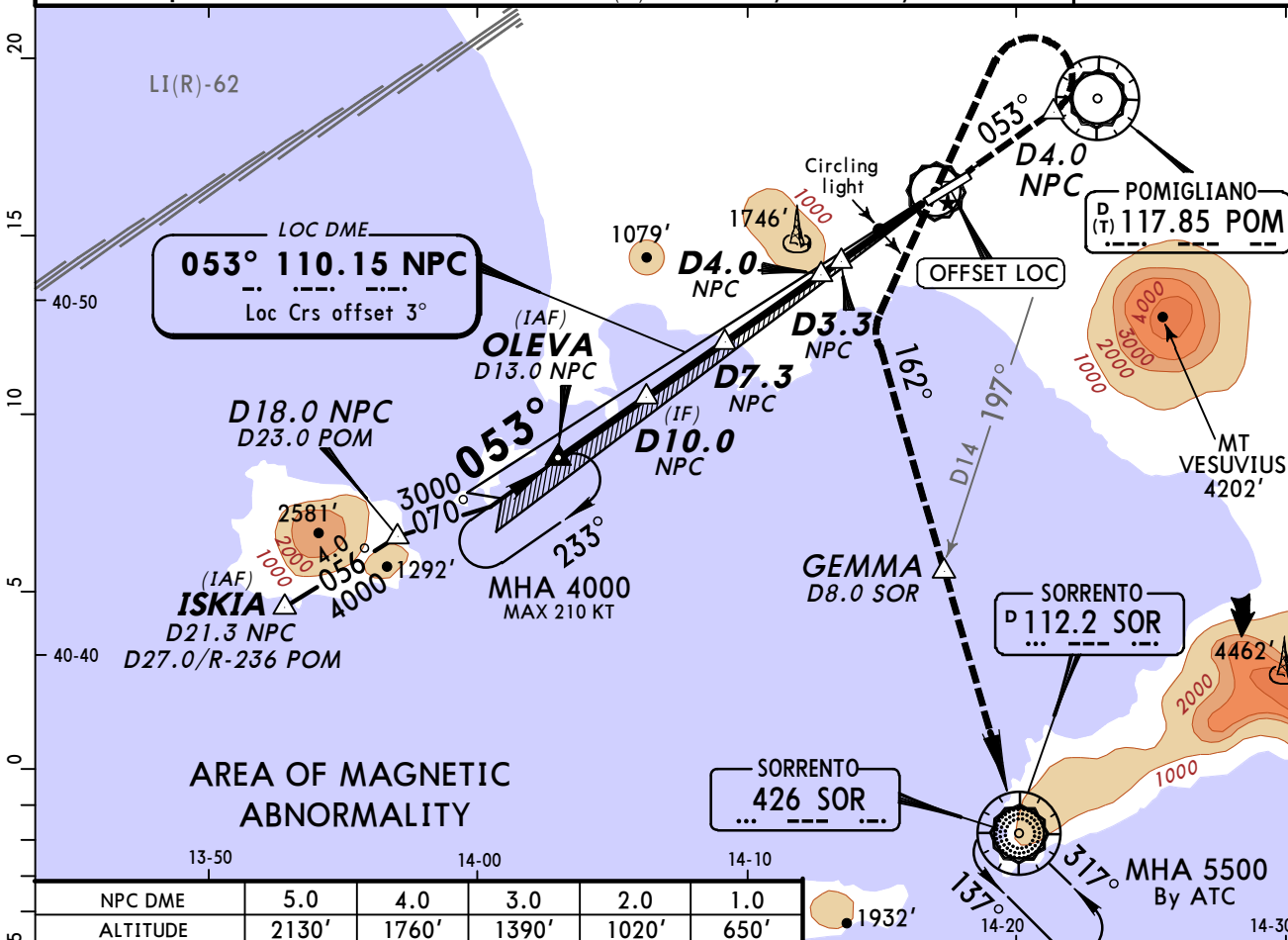
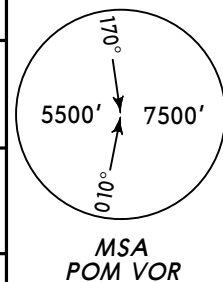
Gnd speed-Kts	70	90	100	120	140	160		HIALS	7000'	056°
GS	3.50°	439	564	627	752	877	1003	PAPI	PAPI	

Standard				CIRCLE-TO-LAND			
STRAIGHT-IN LANDING RWY 06							
Missed apch climb gradient mim 5.2%							
ILS		LOC (GS out)					
DA(H) 680' (396')							
FULL/Limited	ALS out			Max Kts	MDA(H)	VIS	
A				100	1200' (906')	1500m	
B				135	1200' (906')	1600m	
C				180	2160' (1866')	2400m	
D				205	2160' (1866')	3600m	

CHANGES: Note. TCH. Minimums.

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ATIS 135.97	NAPLES Approach (R) 124.35	NAPLES Tower 118.5	*Ground 121.9
LOC NPC 110.15	Final Apch Crs 053°	Minimum Alt D7.3 NPC 3000' (2716')	DA(H) 1500' (1216')
Apt Elev 294'			RWY 284'
MISSED APCH: Climb on 053° to 6000'. At D4.0 NPC turn LEFT to join R-342 inbound SOR VOR, then cross GEMMA at or above 3500', then to SOR VOR/NDB.			
Alt Set: hPa	Rwy Elev: 10 hPa	Trans level: By ATC	Trans alt: 8000'
1. DME required. 2. PAPI indications after DA(H) are strictly mandatory.			



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI PAPI 6000' 053°
Descent Angle	3.50°	434	557	619	743	867	
MAP at D3.3 NPC							

Standard			CEILING REQUIRED		CIRCLE-TO-LAND	
STRAIGHT-IN LANDING RWY 06			DAY		NIGHT	
DA(H) 1500' (1216')			DAY		NIGHT	
1600' - CMV 5.0km			1600' - CMV 5.0km		1600' - CMV 8.0km	
1600' - CMV 5.0km			1600' - CMV 5.0km		1600' - CMV 8.0km	

LIRN/NAP CAPODICHINO

18 DEC 09

(11-2)

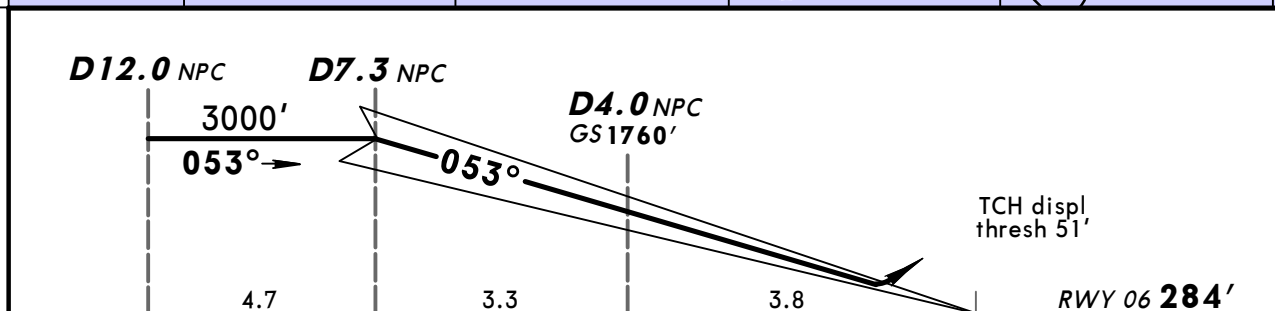
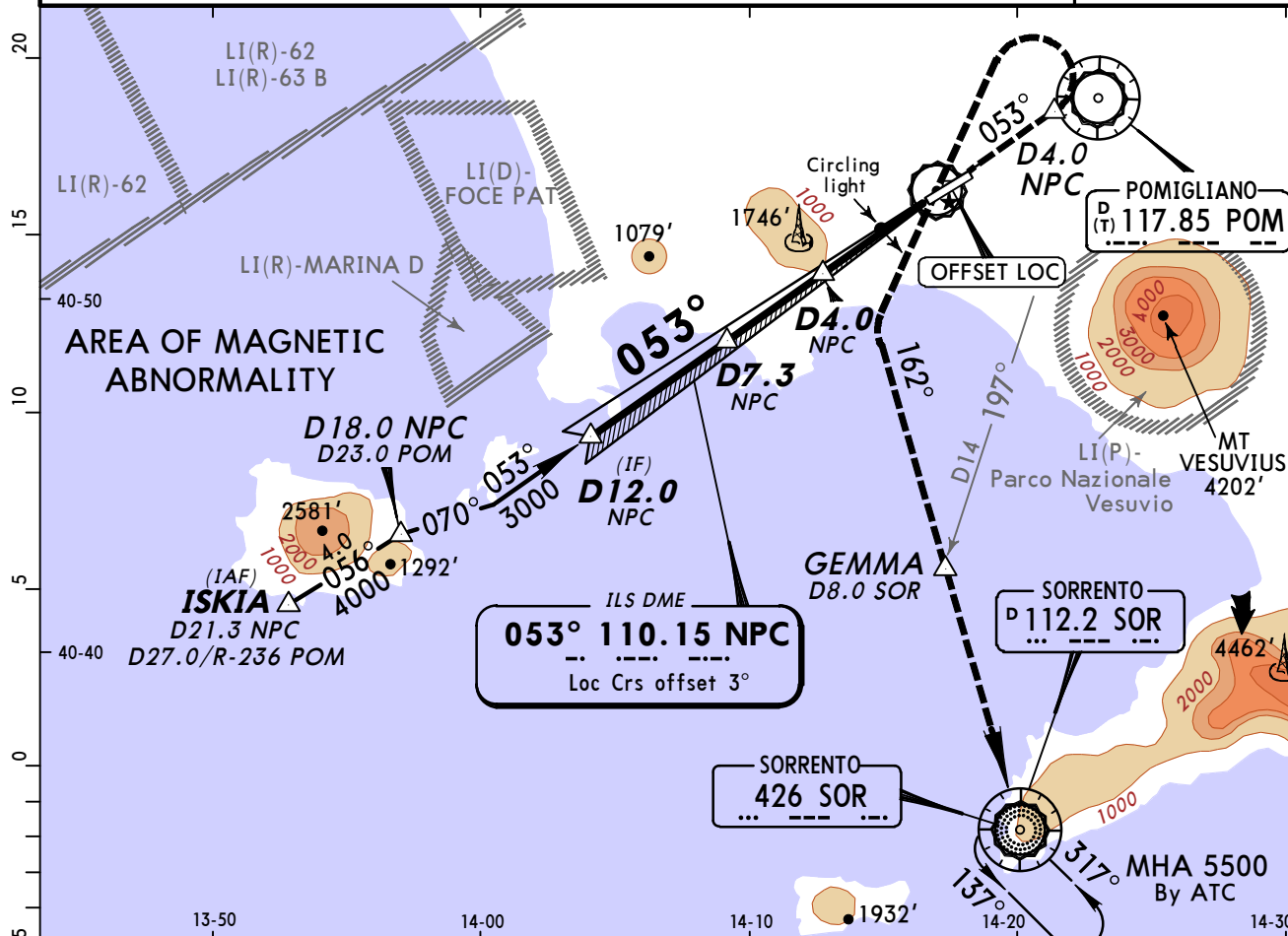
JEPPESEN

NAPLES, ITALY
ILS Y Rwy 06

BRIEFING STRIP™

ATIS 135.97		NAPLES Approach (R) 124.35		NAPLES Tower 118.5		*Ground 121.9	
LOC NPC 110.15		Final Apch Crs 053°		GS D4.0 NPC 1760' (1476')		ILS DA(H) 680' (396')	
Apt Elev 294' RWY 284'							
MISSED APCH: Climb on 053° to 6000'. At D4.0 NPC turn LEFT to join R-342 inbound SOR VOR, then cross GEMMA at or above 3500', then to SOR VOR/NDB.							
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 8000'	
VOR + DME REQUIRED.							

MSA
POM VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS		6000'	053°
GS	3.50°	439	564	627	752	877	1003	PAPI	PAPI	

Standard			STRAIGHT-IN LANDING RWY 06		CIRCLE-TO-LAND	
ILS			LOC (GS out)			
DA(H) 680' (396')						
FULL/Limited		ALS out			Max Kts	MDA(H) VIS
A	RVR 1400m	RVR 1500m			100	1200' (906') 1500m
B					135	1200' (906') 1600m
C		RVR 1800m			180	2160' (1866') 2400m
D					205	2160' (1866') 3600m

PANS OPS 4

CHANGES: Note. TCH. Minimums.

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LIRN/NAP CAPODICHINO

9 DEC 11
Eff 15 Dec

11-3

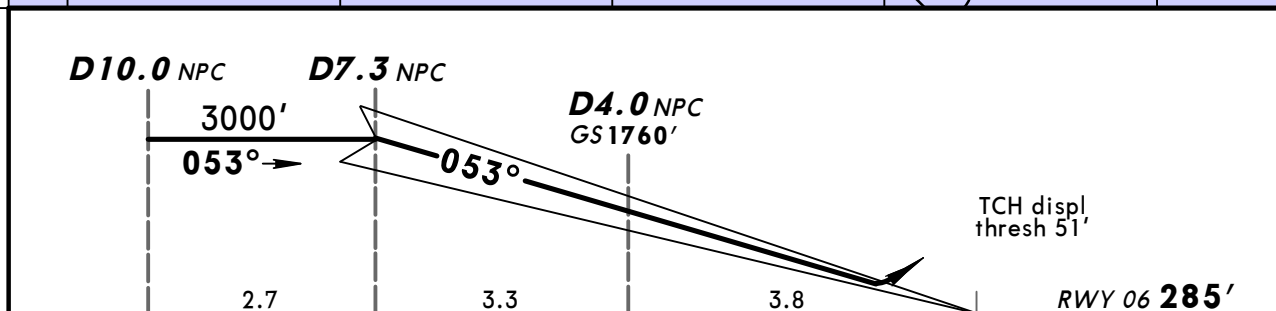
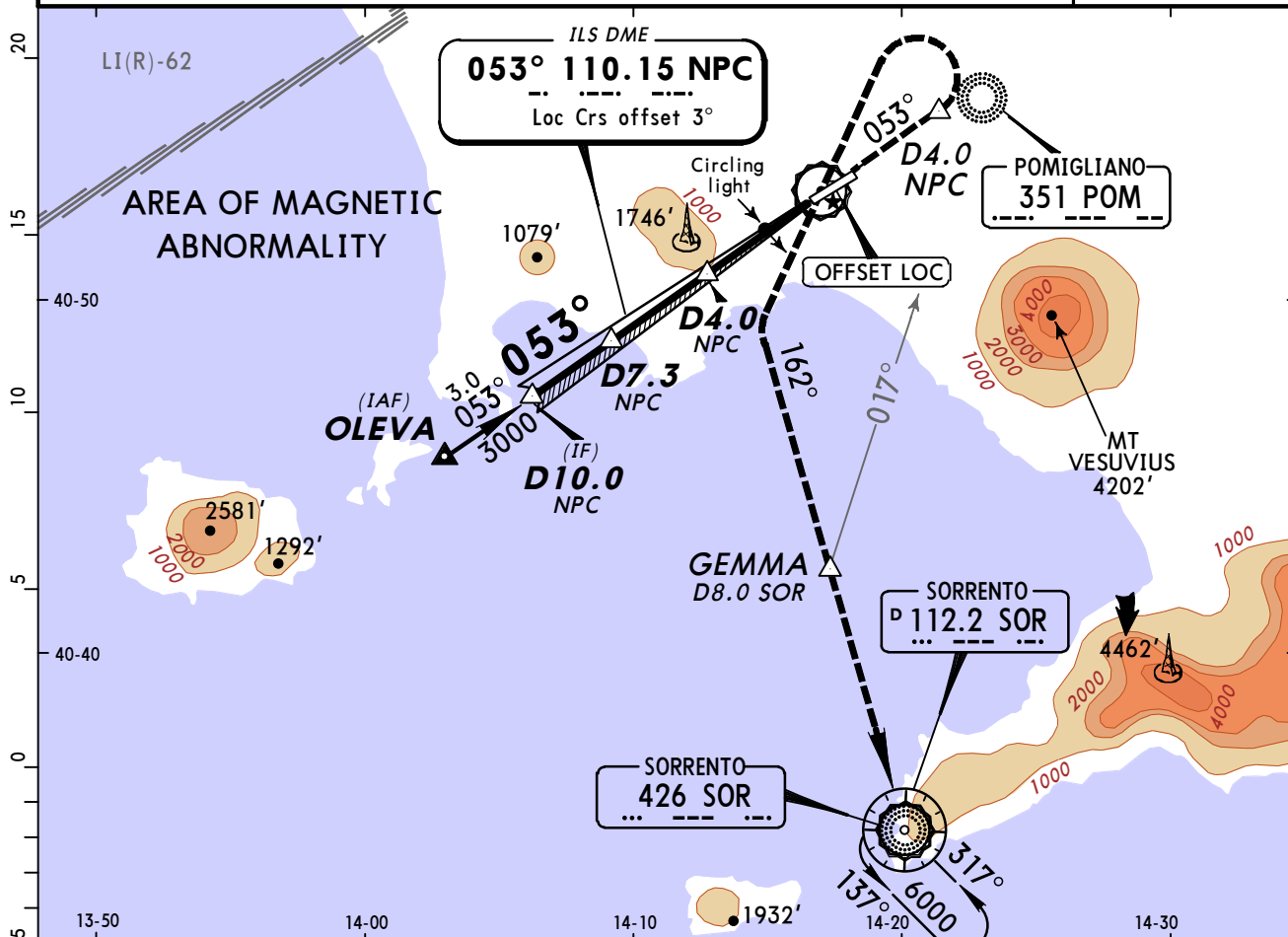
NAPLES, ITALY ILS X Rwy 06

BRIEFING STRIP™

ATIS 135.97		NAPLES Approach (R) 124.35		NAPLES Tower 118.5		*Ground 121.9	
LOC NPC 110.15		Final Apch Crs 053°		GS D4.0 NPC 1760' (1475')		ILS DA(H) 680' (395')	
						Apt Elev 294' RWY 285'	
MISSED APCH: Climb on 053° to 6000'. At D4.0 NPC turn LEFT to join R-342 inbound SOR VOR and cross GEMMA at 3500' or above, then to SOR VOR/NDB.							
Alt Set: hPa DME REQUIRED.		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 8000'	

170°
5500'
7500'
010°

MSA
POM NDB



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI PAPI 6000' on 053°
GS 3.50°	439	564	627	752	877	1003	

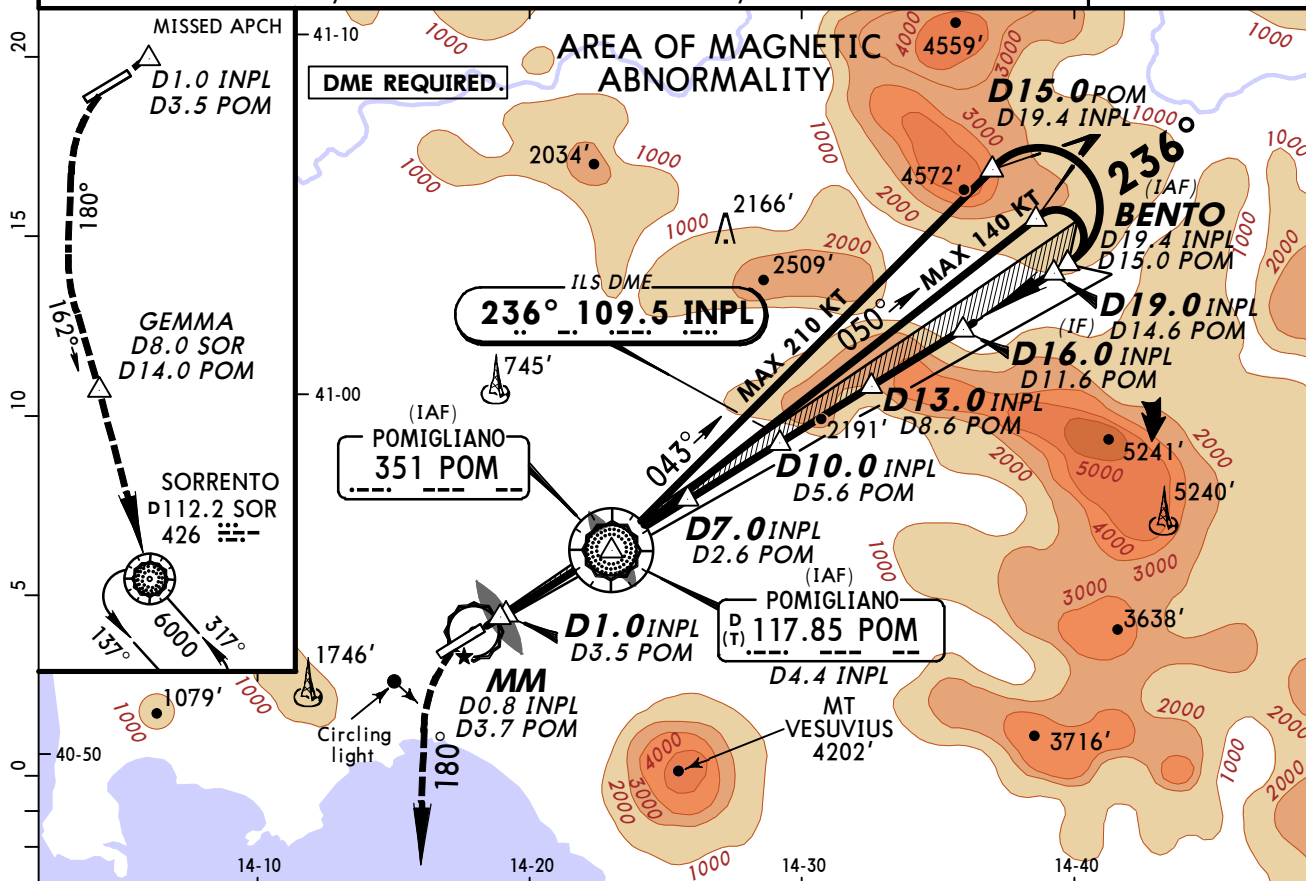
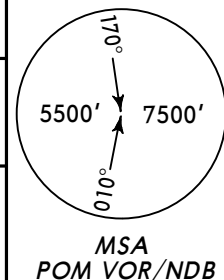
PANS OPS 5	Standard		STRAIGHT-IN LANDING RWY 06		CIRCLE-TO-LAND	
	ILS		LOC (GS out)			
	DA(H) 680' (395')					
	FULL/Limited	ALS out			Max Kts	MDA(H) VIS
	A	RVR 1400m	Refer to 11-01		100	1200' (906') 1500m
B					135	1200' (906') 1600m
C					180	2160' (1866') 2400m
D					205	2160' (1866') 3600m

LIRN/NAP CAPODICHINO

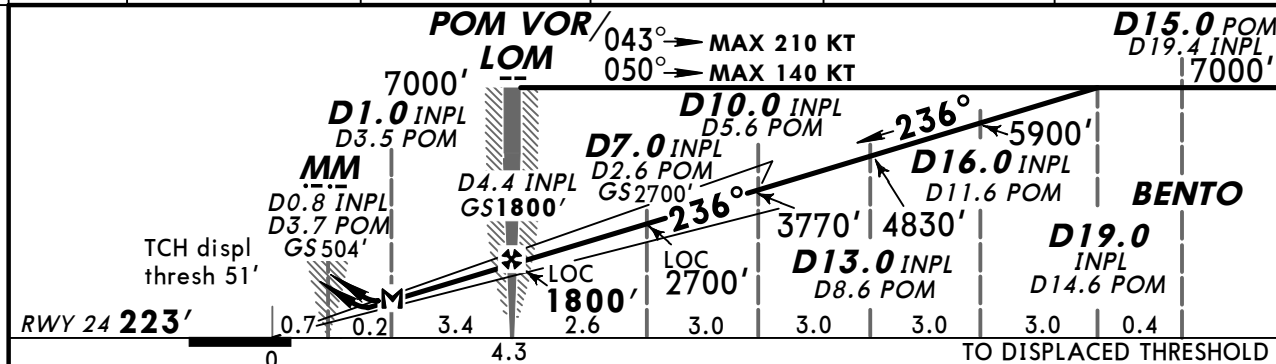
9 DEC 11
Eff 15 Dec 11-4

NAPLES, ITALY ILS Z or LOC Z Rwy 24

ATIS 135.97	NAPLES Approach (R) 124.35	NAPLES Tower 118.5	*Ground 121.9
LOC INPL 109.5	Final Apch Crs 236°	GS POM VOR/LOM 1800' (1577')	ILS DA(H) Refer to Minimums Apt Elev 294' RWY 223'
MISSED APCH: As soon as practicable climb to 6000'. Turn LEFT (MAX 180 KT) onto 180° to join R-342 inbound SOR/162° to SOR NDB, then cross GEMMA at or above 3500', then to SOR VOR/NDB climbing to 6000'.			
Alt Set: hPa	Rwy Elev: 8 hPa	Trans level: By ATC	Trans alt: 8000'



LOC (GS out)	INPL DME	2.0	3.0	4.0	5.0
ALTITUDE		940'	1300'	1650'	2000'



Gnd speed-Kts	70	90	100	120	140	160	HIALS	180°	180 KT
ILS GS or							PAPI	PAPI	LT
LOC Descent Angle	3.33°	418	538	598	717	837			MAX
MAP at D1.0 INPL/D3.5 POM									

Standard				CIRCLE-TO-LAND			
STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND			
ILS		LOC (GS out)		Max Kts		MDA(H)	
A: 670' (447') C: 690' (467')		DA(H) 700' (477')		100		1200' (906')	
B: 680' (457') D: 700' (477')		DA(H) 700' (477')		135		1200' (906')	
FULL/Limited		ALS out		180		2160' (1866')	
RVR 1800m		CMV 2200m		205		2160' (1866')	
RVR 1800m		CMV 2200m					

CHANGES: Procedure.

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MSA
POM VOR/NDB

POM VOR/LOM

- 043° → MAX 210 KT
- 050° → MAX 140 KT

D15.0 POM
D19.4 INPL
7000'

7000'

D1.0 INPL
D3.5 POM

MM

- D0.8 INPL
- D3.7 POM
- GS 504'

TCH displ
thresh 51'

RWY 24 **223'**

0.7 0.2 3.4 2.6 3.0 3.0 3.0 3.0 0.4

D4.4 INPL
GS 1800'

D7.0 INPL
D2.6 POM
GS 2700'

D10.0 INPL
D5.6 POM

D16.0 INPL
D11.6 POM

BENTO

D19.0 INPL
D14.6 POM

LOC 1800'

LOC 2700'

3770'

4830'

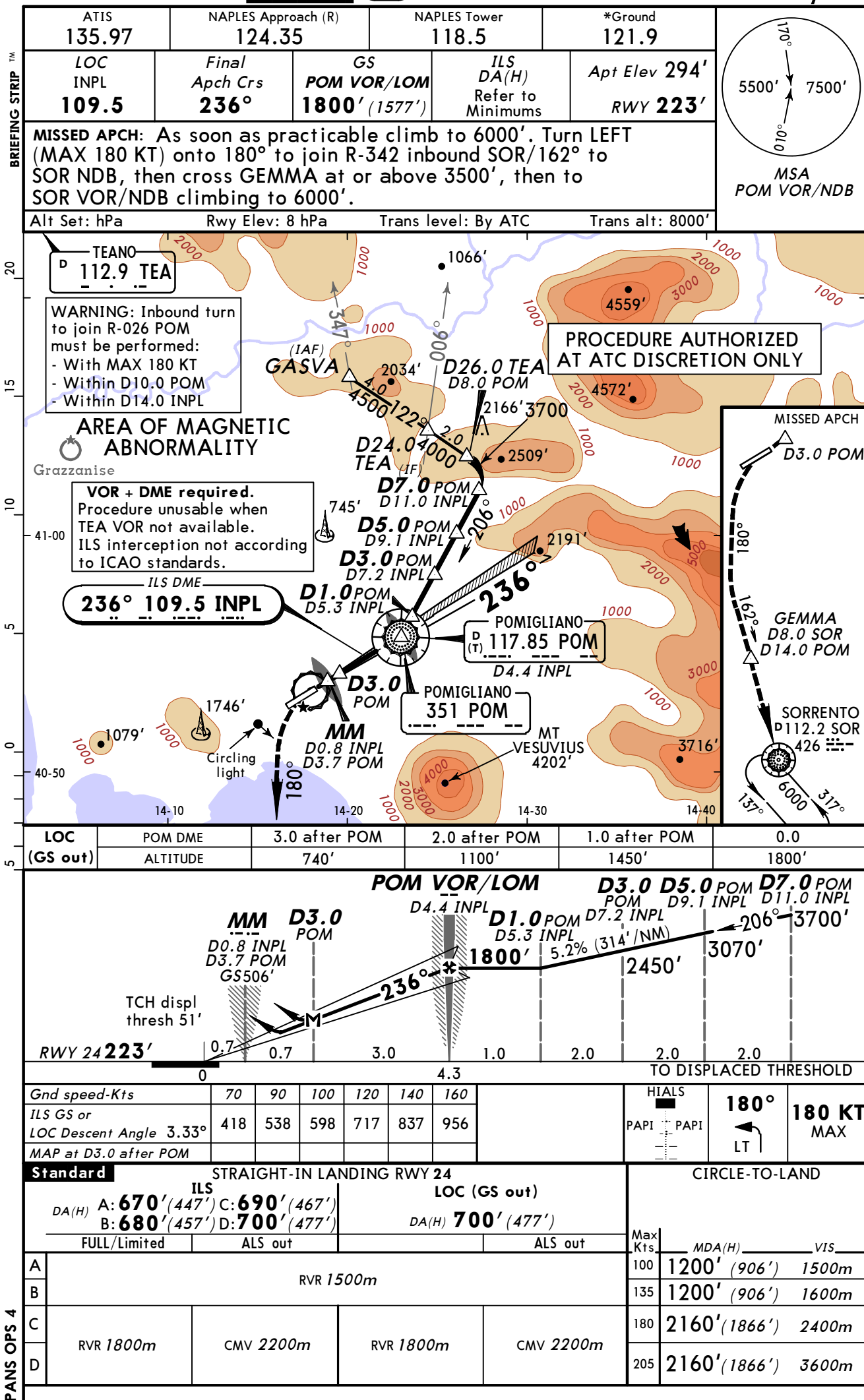
5900'

236°

236°

STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND		
ILS		LOC (GS out)				
DA(H)	A: 670' (447')	C: 690' (467')				
	B: 680' (457')	D: 700' (477')	DA(H) 700' (477')			
FULL/Limited		ALS out		ALS out		Max Kts
						MDA(H)
						VIS

TOLL/ LIMITED		ALS 501		ALS 501		RTS	MDA (H)	VIS	
A	RVR 1500m						100	1200' (906')	1500m
B							135	1200' (906')	1600m
C	RVR 1800m	CMV 2200m	RVR 1800m	CMV 2200m	180	2160' (1866')	2400m		
D					205	2160' (1866')	3600m		

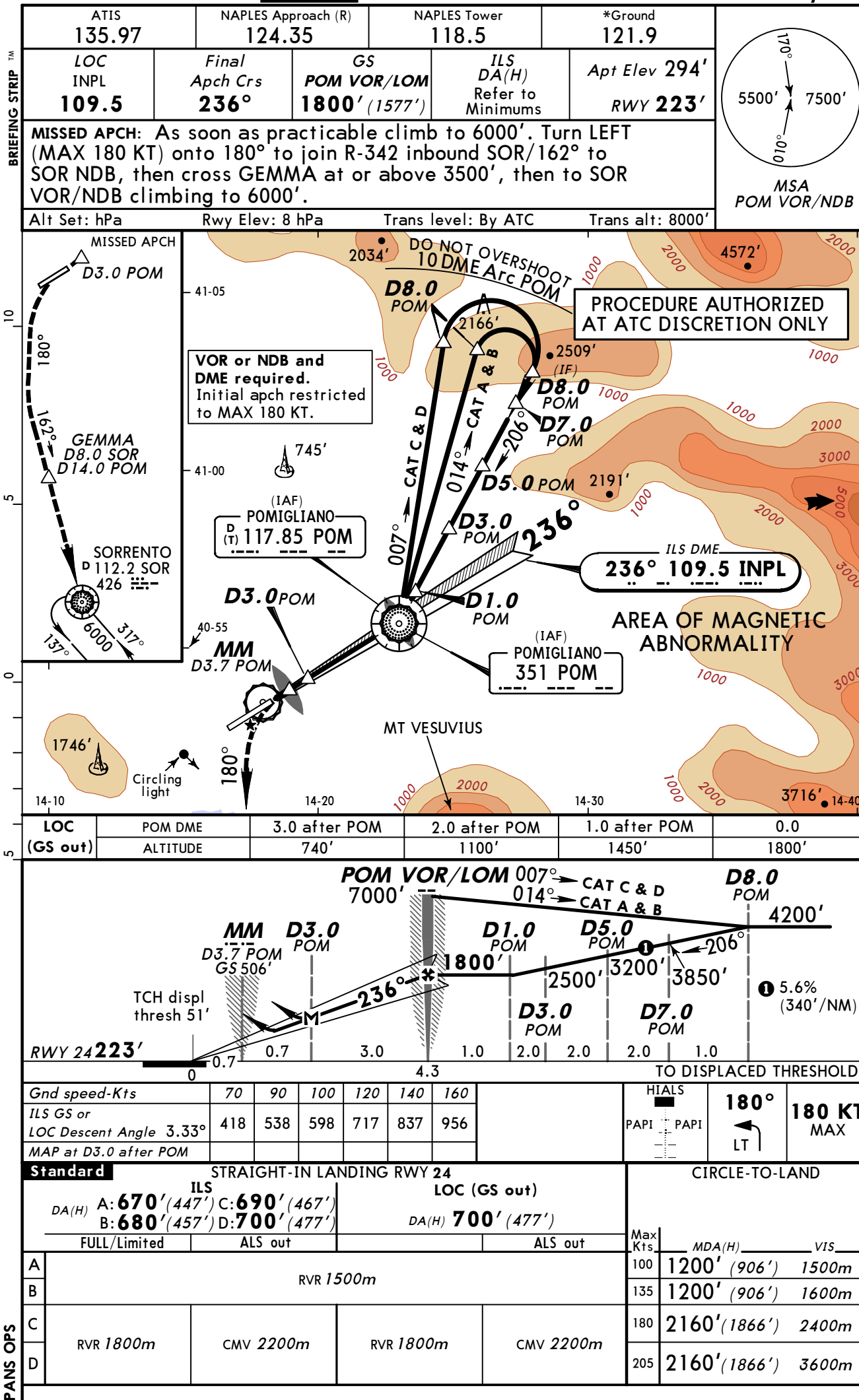


LIRN/NAP CAPODICHINO

25 JAN 13
Eff 7 Feb

11-7

NAPLES, ITALY ILS V or LOC V Rwy 24



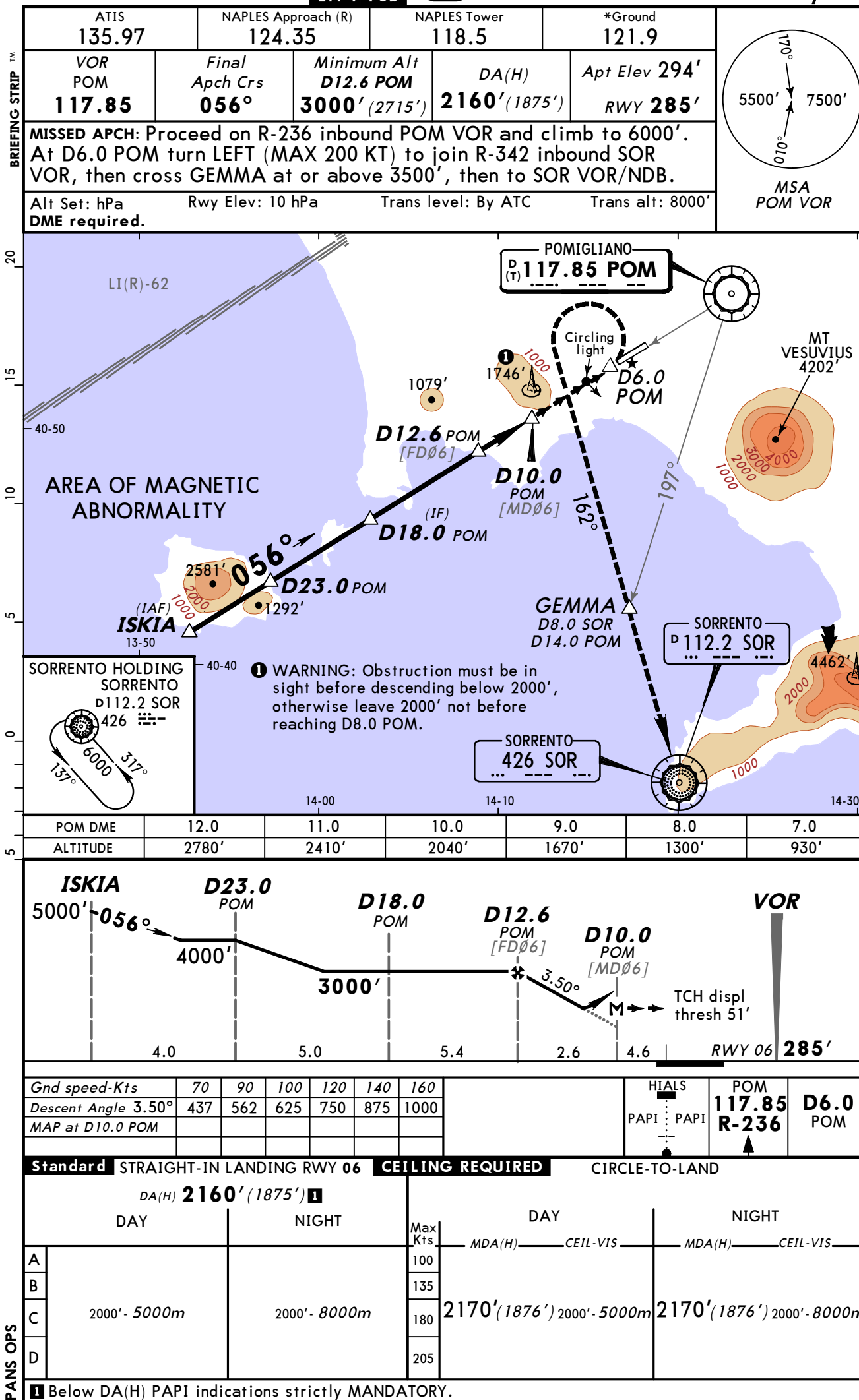


Chart changes since cycle 07-2013

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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NAPLES, (CAPODICHINO - LIRN)

TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport LIRN

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(11-1, 11-2) Eff 18 NOV 10 LOC (GS out) procedure Rwy 06 available, refer to 11-01