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Airport Information For LIRN

Terminal Charts For LIRN

Revision Letter For Cycle 24-2019

Change Notices

Notebook

General Information

Location: NAPLES ITA
ICAO/IATA: LIRN / NAP
Lat/Long: N40° 53.1', E014° 17.4'
Elevation: 294 ft

Airport Use: Public
Daylight Savings: Observed
UTC Conversion: -1:00 = UTC
Magnetic Variation: 2.0° 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: 0618 Z
Sunset: 1535 Z

Runway Information

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

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

Communication Information

ATIS: 135.975
Naples Tower: 118.500
Naples Ground: 121.900
Naples Approach: 124.350
Naples Approach: 120.950
Naples Radar: 124.350

Naples Radar: 120.950
Gesac Operations: 131.575
Gesac Operations: 131.675
Gesac Operations: 131.875

LIRN/NAP
CAPODICHINO

JEPPESEN

19 APR 19

10-1P

Eff 25 Apr

NAPLES, ITALY

AIRPORT BRIEFING

1. GENERAL**1.1. ATIS**

ATIS 135.975

1.2. NOISE ABATEMENT PROCEDURES**1.2.1. PREFERENTIAL RWY**

RWY 24 on dry conditions can be used with MAX 10 KT of steady and measured tailwind 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. LOW VISIBILITY PROCEDURES (LVP)

LVP are not available. No operations allowed with RVR below 700m and/or ceiling below 200' according to the meteorological local report.

Whenever meteorological conditions are such that all or part of the maneuvering area cannot be visually monitored from the TWR, ground movements shall be reduced to one ACFT at a time.

1.4. TAXI PROCEDURES

Use of ACFT stand taxilane to enter/exit stands allowed only with marshaller in sight.

TWY SA and SB entry/exit allowed only for military ACFT.

TWY SC entry/exit allowed only for SLAM ACFT.

TWY SD entry/exit allowed only for VULCANAIR ACFT.

TWY NA and NB entry/exit allowed only for ATITECH ACFT maintenance.

Follow-me assistance on apron:

- Is provided if requested by pilots or ATC;
- Is compulsory in visibility condition 2;
- Is compulsory for arriving/departing ACFT with ICAO Code higher than D.

1.5. PARKING INFORMATION

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

1.6. OTHER INFORMATION

Area of magnetic abnormality.

RWYs 06 and 24 right-hand circuit.

WARNING: Laser beams.

Birds.

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10-1P1

Eff 25 Apr

NAPLES, ITALY**AIRPORT BRIEFING**

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 FL 100;
- 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 12NM from THR;
- 180 KT completing intercepting turn or at a distance of 9NM from THR;
- 160 KT at a distance of 5NM 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 5NM 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 5NM
- Sector 210°/270° from ARP within 8NM.

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.

2.3.1. COMMUNICATION FAILURE

Whenever an ACFT experiences a communication failure, it shall vacate the RWY and ILS-sensitive area via TWY A or H for RWY 24 or TWY G for RWY 06 and wait on its first segment for the arrival of the Follow-me car in order to be guided to the stand.

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10-1P2

Eff 25 Apr

NAPLES, ITALY

AIRPORT BRIEFING

3. DEPARTURE

3.1. APT COLLABORATIVE DECISION MAKING (A-CDM) PROCEDURE

3.1.1. INTRODUCTION

APT Collaborative Decision Making (A-CDM) procedure coordinates the Turn-Round process and is incorporated into the European Air Traffic Flow and Capacity Management (ATFCM). The procedure starts at EOBT-3 hours and is applied to all the operations until take-off.

A-CDM Milestone approach is mainly based on TOBT and TSAT.

TOBT - Target Off-Block Time - Estimated time, calculated by an ACFT Operator/ Ground Handler (AO/GH), when an ACFT will be READY.

TSAT - Target Start-Up Approval Time - Calculated time at which start-up clearance can be expected at the latest. TSAT includes all relevant parameters such as CTOT, variable taxiing time, etc.

3.1.2. MILESTONES

a) EOBT - 3h (M1)

ATC flight plans will be checked against their APT Slot Scheduled Off-Block Time (SOBT); other checks include the destination APT, type of ACFT and registration marks. If they do not correspond, the flight will not enter the predeparture sequence and an alert is risen on the local A-CDM platform. AO/GH must take the appropriate actions to solve the alerts at the earliest possible.

b) EOBT - 2h (M2)

TOBT is the time when the ACFT is planned to be READY.

At FIR Entry (for turnaround flights) or at EOBT-2h, the system will automatically generate a TOBT as follows:

- TOBT = ELDT+EXIT+MTT, for inbound flights not yet landed;
- TOBT = ALDT+EXIT+MTT, for flights already landed;
- TOBT = AIBT+MTT, for ACFT at the parking stand.

Flights not subject to turnaround or ACFT with a ground time greater than 2 hours will enter the predeparture sequence with a TOBT = EOBT.

In both cases, the AO/GH can input a manual TOBT that should comply with following rules:

- TOBT greater than Actual time +5';
- TOBT greater than ALDT+EXIT+RTT, for flights already landed;
- TOBT greater than AIBT+RTT, for ACFT at the parking stand.

At EOBT -2h a T-DPI-t message will be sent to NMOC containing the TTOT.

c) EOBT -40': TSAT issue time (M9)

AO/GH is responsible to confirm TOBT at EOBT-40'. TOBT must be coherent with EOBT, according to the $\pm 15'$ window.

FPL must be updated by AO/GH if EOBT is not consistent with TOBT.

At EOBT -40', ENAV A-CDM platform will issue a TSAT based on the last confirmed TOBT.

TOBT must be updated by AO/GH for any change.

TOBT can be updated as often as desired until TSAT issue time, after that TOBT may be updated up to a maximum of 3 times, then the flight will lose priority in the pre-departure sequence.

At EOBT -40', a T-DPI-s message will be sent to NMOC containing TOBT, TTOT, TSAT.

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Eff 25 Apr

NAPLES, ITALY
AIRPORT BRIEFING

3. DEPARTURE

d) ARDT (Actual Ready Time) (M12)

Departing traffic must be READY within TOBT +5' and must contact Aerodrome Operator GESAC on frequency 131.675MHz, call sign "GESAC Apron Management Office", to obtain the ARDT.

GESAC, after the check of READY status, will issue the ARDT and provide the pilot with the current TSAT.

If the ACFT is not READY within TOBT +5', TOBT will be automatically deleted by A-CDM platform. A new TOBT must be inserted in the platform within 5 minutes, otherwise a flight suspension message (FLS) will be triggered by NMOC with the comment "SUSPENDED BY DEPARTURE AIRPORT. PLEASE SEND DLA/CHG OR UPDATE TOBT OF THE FLIGHT". (E.g TOBT = 1000, no ARDT within 1005, no TOBT update = FLS at 1010).

To de-suspend the flight a new TOBT must be inserted into ACDM platform. It is still mandatory to send a DLA/CHG message to the IFPS if TOBT deviates by 15 minutes or more from EOBT (EOBT $\pm 15'$).

If the flight is subject to a CTOT, at ARDT a DPI message will be sent to NMOC in order to try to get an improvement.

There's no need to request a REA message to get a CTOT improvement.

e) ASAT and AOBT (M14/M15)

Once the ARDT has been obtained, departing traffic must thus keep a listening watch on the appropriate ATC frequency, Napoli GND HR 0600-2200 (0500-2100) or Napoli TWR HR 2200-0600 (2100-0500), in order to receive a possible TSAT improvement and the start-up clearance.

ATC will approve start up and issue the en-route clearance according to TSAT and current traffic situation.

In case of TSAT improvement after ARDT, ATC will notify it to the pilot.

Departing traffic must leave the stand within ASAT +5'.

At AOBT an A-DPI message will be sent to NMOC containing latest TTOT.

If traffic is unable to leave the stand ASAT +5', or must return to the stand, it must inform ATC on the appropriate frequency. ATC will remove the flight from the pre-departure sequence and a C-DPI message will be sent to NMOC, that in turn issues a FLS message with the comment "SUSPENDED BY DEPARTURE APT. PLEASE SEND DLA/CHG OR UPDATE TOBT OF THE FLIGHT".

In this case the process has to be started over with a new TOBT.

3.1.3. DEPARTURE OPPOSITE RWY REQUESTS

Pilots shall report to ATC 20 minutes before TOBT, if they need to depart from the RWY not in use. In this case, TSAT will be issued 10 min before TOBT and ATC will notify it to the pilot.

3.1.4. TOBT: RULES AND RESPONSIBILITIES

Responsibility for TOBT

AO/GH is responsible of correct update and coherence of TOBT.

AO/GH must notify the MTT/RTT and subsequent changes for each ACFT type, to GESAC via email at the following address: a-cdm@gesac.it

TOBT Correction/Deletion

If TOBT is changed the new TOBT must be at least 5 minutes later than the present time.

If TOBT can no longer be met, it must be updated as soon as possible.

TOBT Input

TOBT can be put into GESAC A-CDM platform available for all registered users through a web site or mobile app.

The access to GESAC A-CDM platform can be requested via email at the following address: a-cdm@gesac.it

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Eff 25 Apr

NAPLES, ITALY
AIRPORT BRIEFING

3. DEPARTURE

3.1.5. A-CDM PROCEDURE SUSPENSION

In case of A-CDM system failure the procedure will be suspended and:

- "A-CDM out of service" will be announced via ATIS;
- A NOTAM will be issued if the suspension lasts more than 2 hours;
- GH will be informed by Aerodrome Operator GESAC;
- A standard Taxi Time Scheme will be adopted;
- REA messages can be asked to ATC to request a CTOT improvement.

Operations will follow 'NON A-CDM DEPARTURES PROCEDURES'.

3.1.6. NON A-CDM DEPARTURE PROCEDURES - FAILURES OR SUSPENSIONS

When READY, all departing ACFT must contact Aerodrome Operator GESAC on frequency 131.675 MHz, call sign 'GESAC Apron Management Office', to be released from handling operations.

ATC will manage departure sequence according to the "first call - first served" principle.

3.1.7. COORDINATION WITH THE NMOC

A-CDM platform establishes a permanent and fully automatic data exchange with NMOC (Network Manager Operations Center). This data transfer will enable highly accurate early predictions of landing and departure times. Furthermore, this will allow more accurate and efficient calculation of CTOT due to the use of local target take-off times.

The following messages are used:

- Flight Update Message (FUM).
- Early Departure Planning Information Message (EDPI).
- Target Departure Planning Information Message (TDPI).
- ATC Departure Planning Information Message (ADPI).
- Cancel DPI (C-DPI).

The basic NMOC procedures continue to be applied.

3.1.8. EMAIL CONTACTS

ENAV: acdm.naples@enav.it

GESAC: a-cdm@gesac.it

3.2. 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.

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19 APR 19 **10-1P5**

Eff 25 APR

NAPLES, ITALY
AIRPORT BRIEFING

3. DEPARTURE

3.3. START-UP, PUSH-BACK AND TAXI PROCEDURES

3.3.1. START-UP AND PUSH-BACK

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

Departing ACFT will receive the ATC start-up according to the TSAT received only after the communication 'AIRCRAFT READY' by GESAC Apron Management Office.

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.

3.3.2. TAXI PROCEDURES

3.3.2.1. COMMUNICATION FAILURE

Whenever an ACFT experiences a communication failure, it shall continue strictly on the assigned taxi route to the clearance limit and wait for the arrival of the Follow-me car in order to be guided back to the stand.

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1 NOV 19

10-1R

Eff 7 Nov

RADAR MINIMUM ALTITUDES

NAPLES, ITALY

NAPLES Radar (APP)
124.350

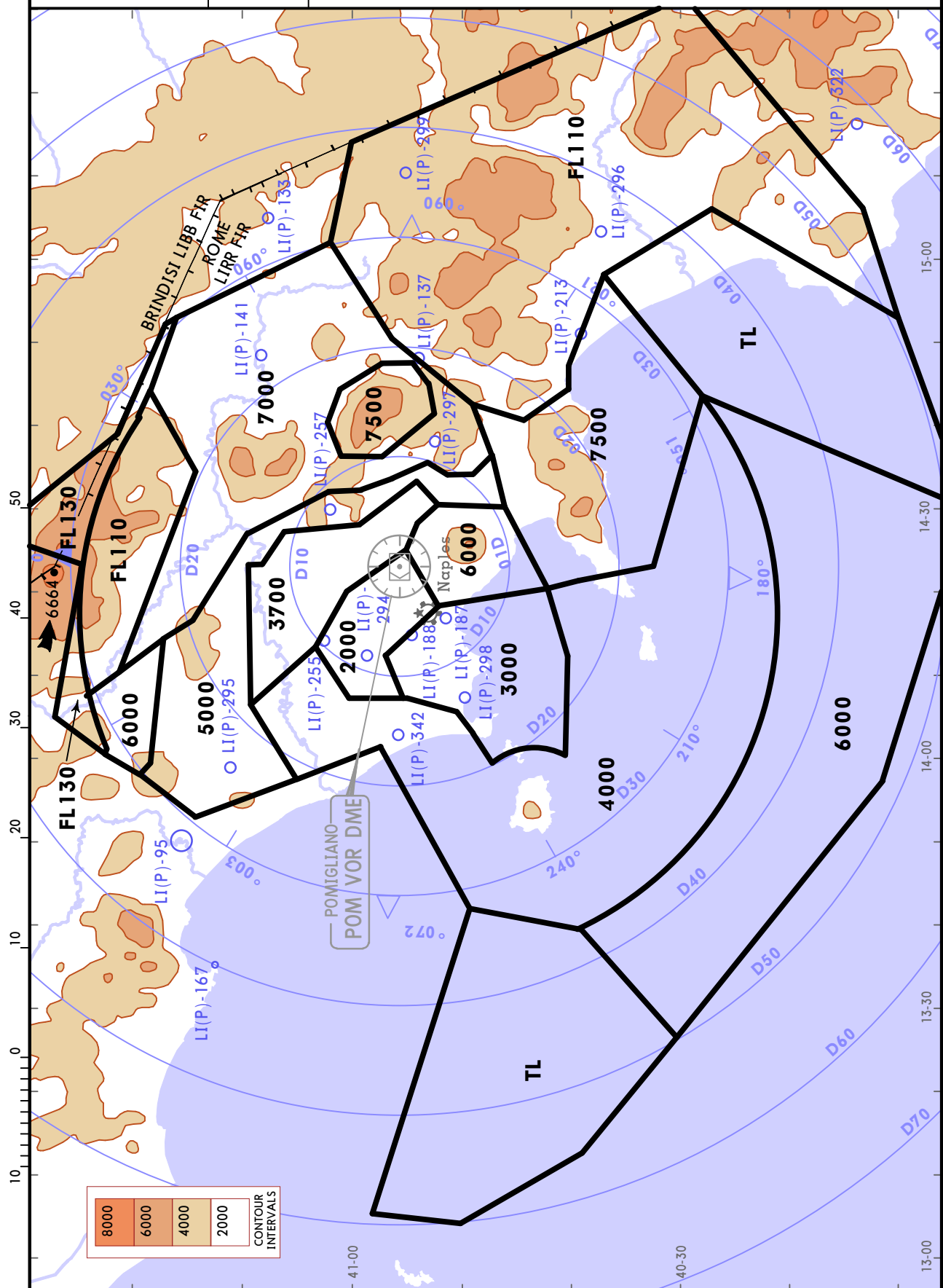
Apt Elev
294

Alt Set: hPa Trans level: By ATC Trans alt: 8000

1. Minimum altitudes ensure at least 1000 clearance over the highest obstacles within sector and within:

- 3 NM of the sector boundary up to 20 NM from RADAR antenna.
- 5 NM of the sector boundary beyond 20 NM from RADAR antenna.

2. Chart only to be used for cross-checking of altitudes while under RADAR control.



CHANGES: New chart.

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AREA

NAPOLI ITALY

10-1VA

27 JUL 18

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With regard to reliability of transponder, VFR-flights must proceed along routes TEANO (RMN1) - CAPUA (RMN2) - CASERTA (RNN3) - AVERSA IPODROMO (RNN4) - SOUTH CASAPESENNA (RNNW1) and vice versa at 1000' SFC, then proceed in accordance to published VFR sectors and levels.

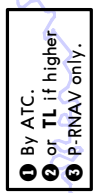
Visual references:

- a) Segment TEANO (RMN1) - CAPUA (RMN2) - CASERTA (RNN3) follow the highway.
- b) Segment CASERTA (RNN3) - AVERSA IPODROMO (RNN4) follow the railway.
- c) CASERTA (RNN3): Palazzo Reale/Railway station.
- d) AVERSA IPODROMO (RNN4): Race-course.

NOTE: Traffic flying the above mentioned route is subject to GRAZZANISE APP/TWR clearance.

ATIS 35.975	Apt Elev 294	Alt Set: hPa Trans level: By ATC Conventional/P-RNAV (OVERLAY)
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SPEED: MAX 250 KT BELOW FL100



PONZA
114.6 PNZ

PNZ 2D
7 000

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ATIS
135.975

Apt Elev
294

Alt Set: hPa
Trans level: By ATC
RNAV 1

AMSOR 1Z [AMSO1Z]
IPKAM 1Z [IPKA1Z]
SOR 1X [SOR1X], SOR 1Y [SOR1Y]
SOR 1Z [SOR1Z], TEA 1Z [TEA1Z]
RWY 24 RNAV ARRIVALS
SPEED: MAX 250 KT BELOW FL100

HOLDINGS OVER

BENTO
4.4 NM
MAX FL200
MHA 7500

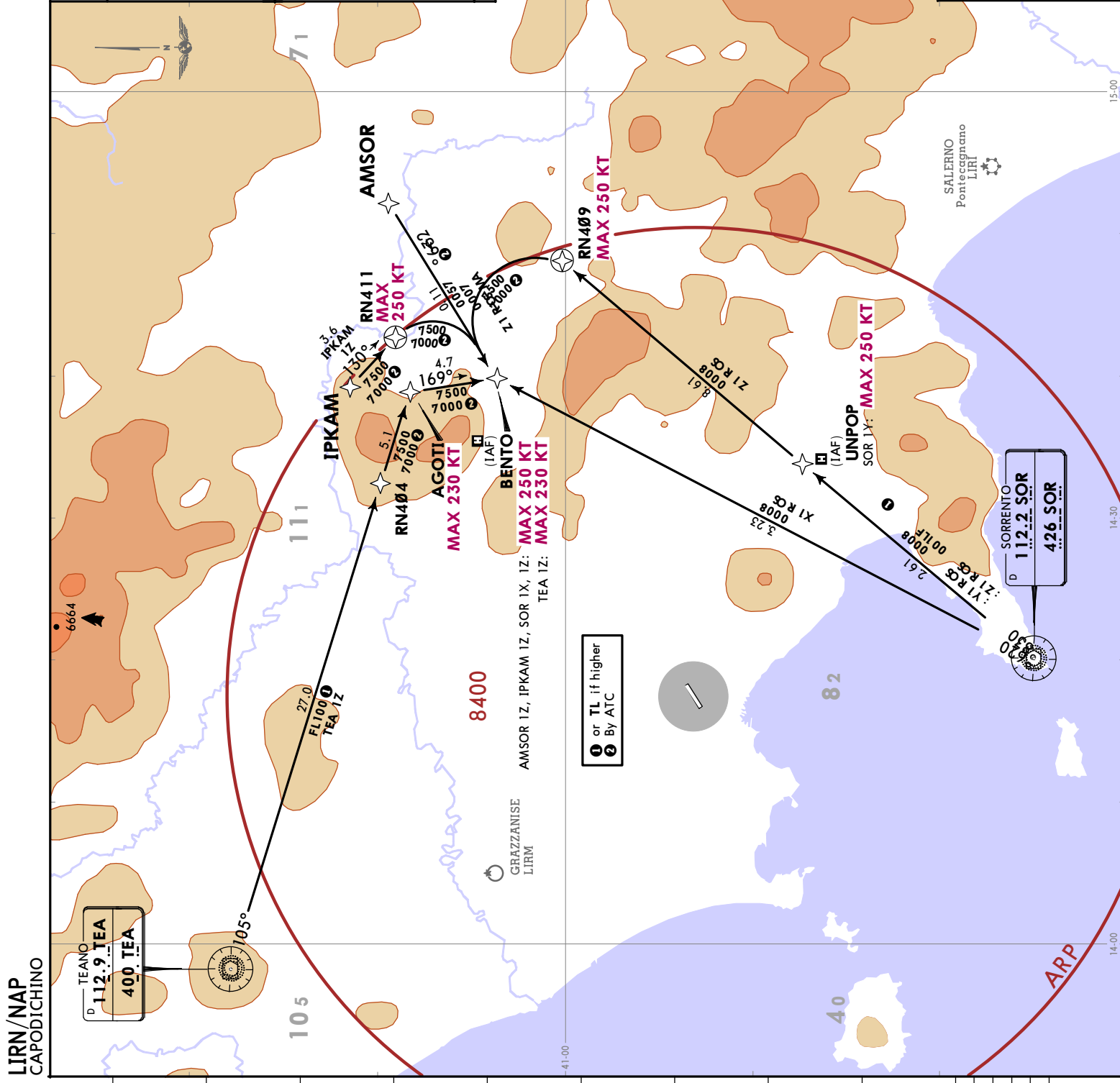
UNPOP
137°
317°
3.9 NM
MAX 200 KT
MAX FL200
MHA 8000

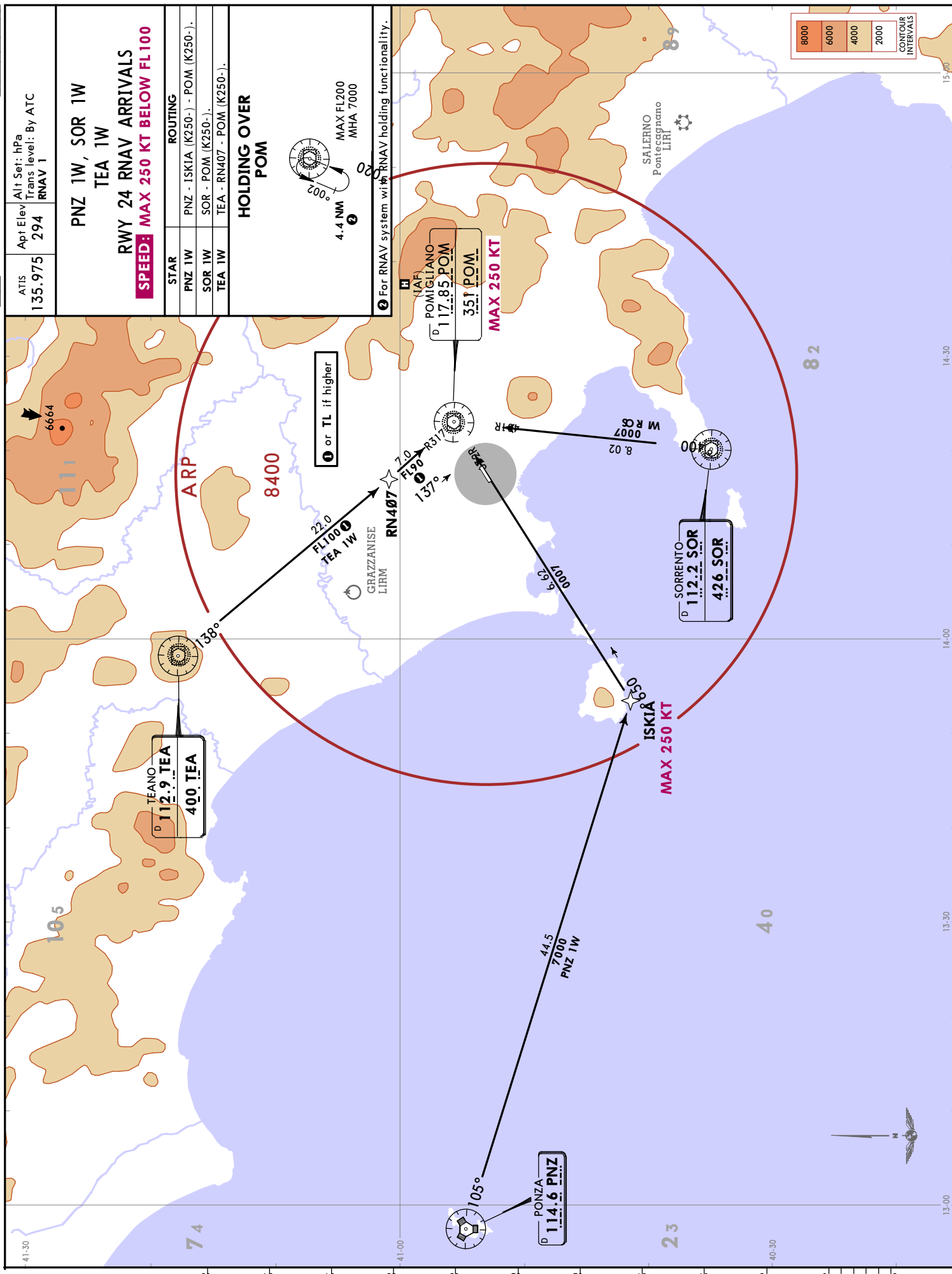
③ For RNAV system with RNAV holding functionality.

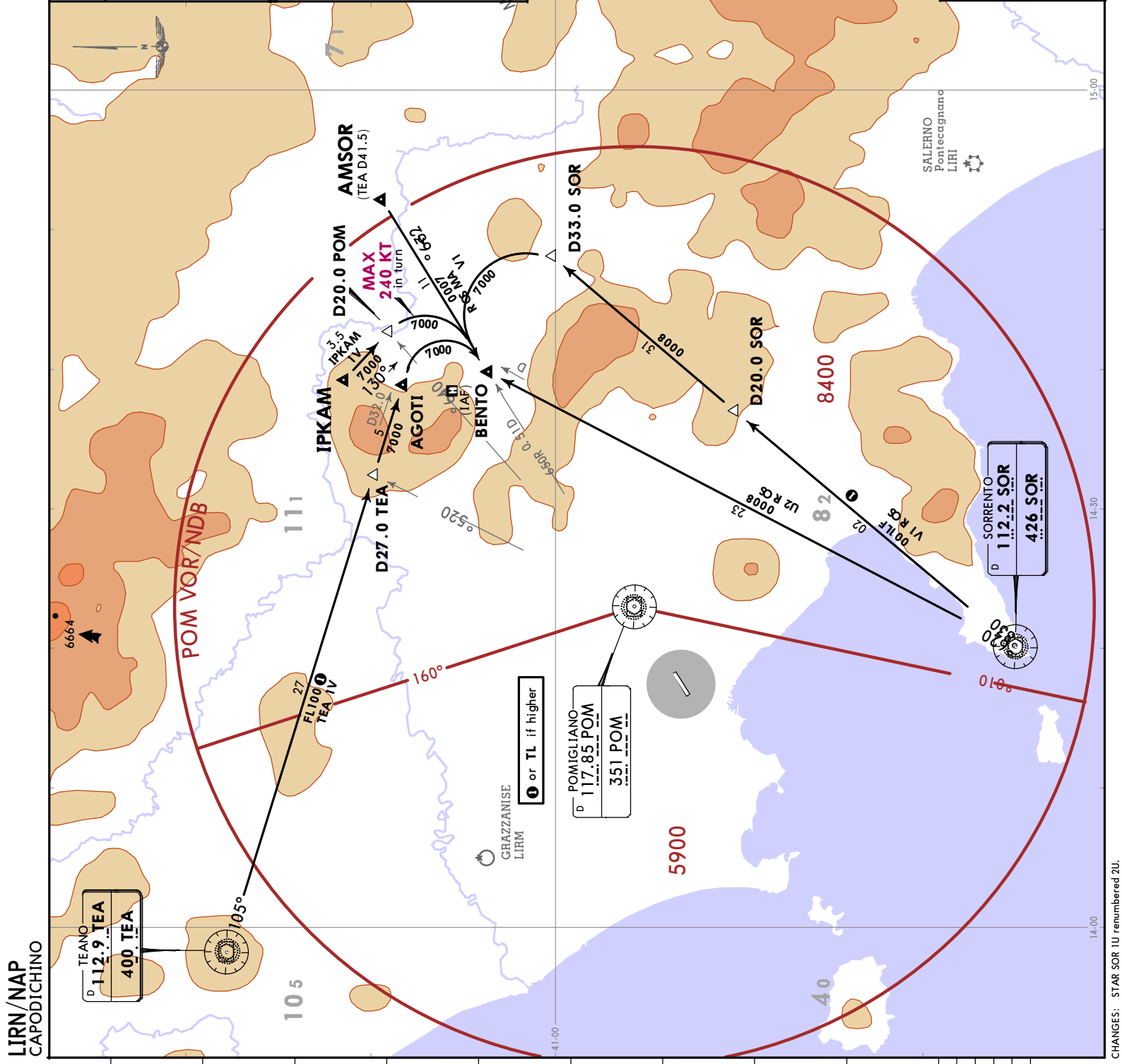
STAR

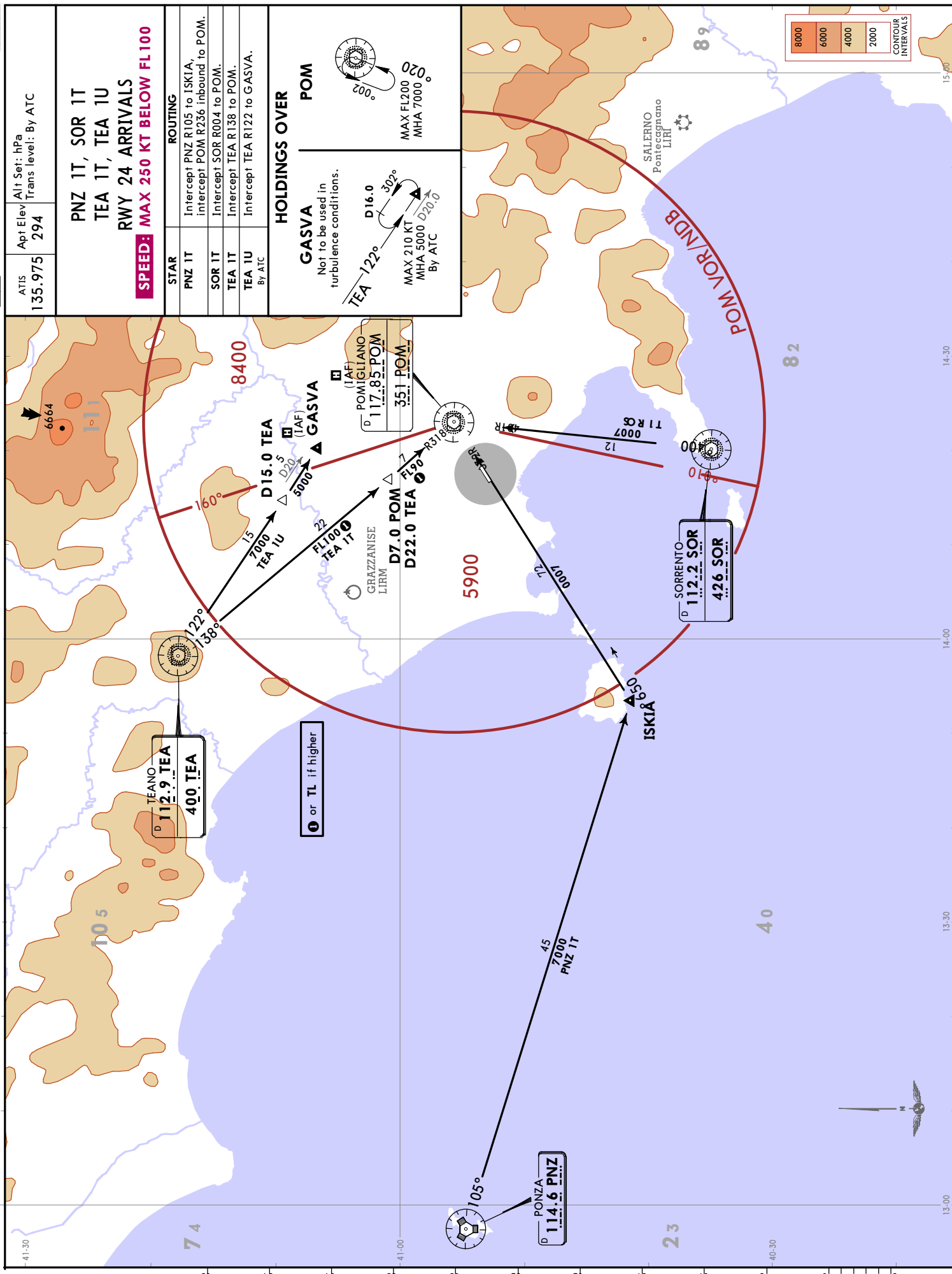
ROUTING

AMSOR 1Z	AMSOR - BENTO (K250-).
IPKAM 1Z	IPKAM - RN411 (K250-) - BENTO (K250-).
SOR 1X By ATC	SOR - BENTO (K250-).
SOR 1Y	SOR - UNPOP (K250-).
SOR 1Z	SOR - UNPOP - RN409 (K250-) - BENTO (K250-).
TEA 1Z	TEA - RN404 - AGOTI (K230-) - BENTO (K230-).









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18 MAY 18 10-3 Eff 24 May

NAPLES, ITALY
SID

Apt Elev
294

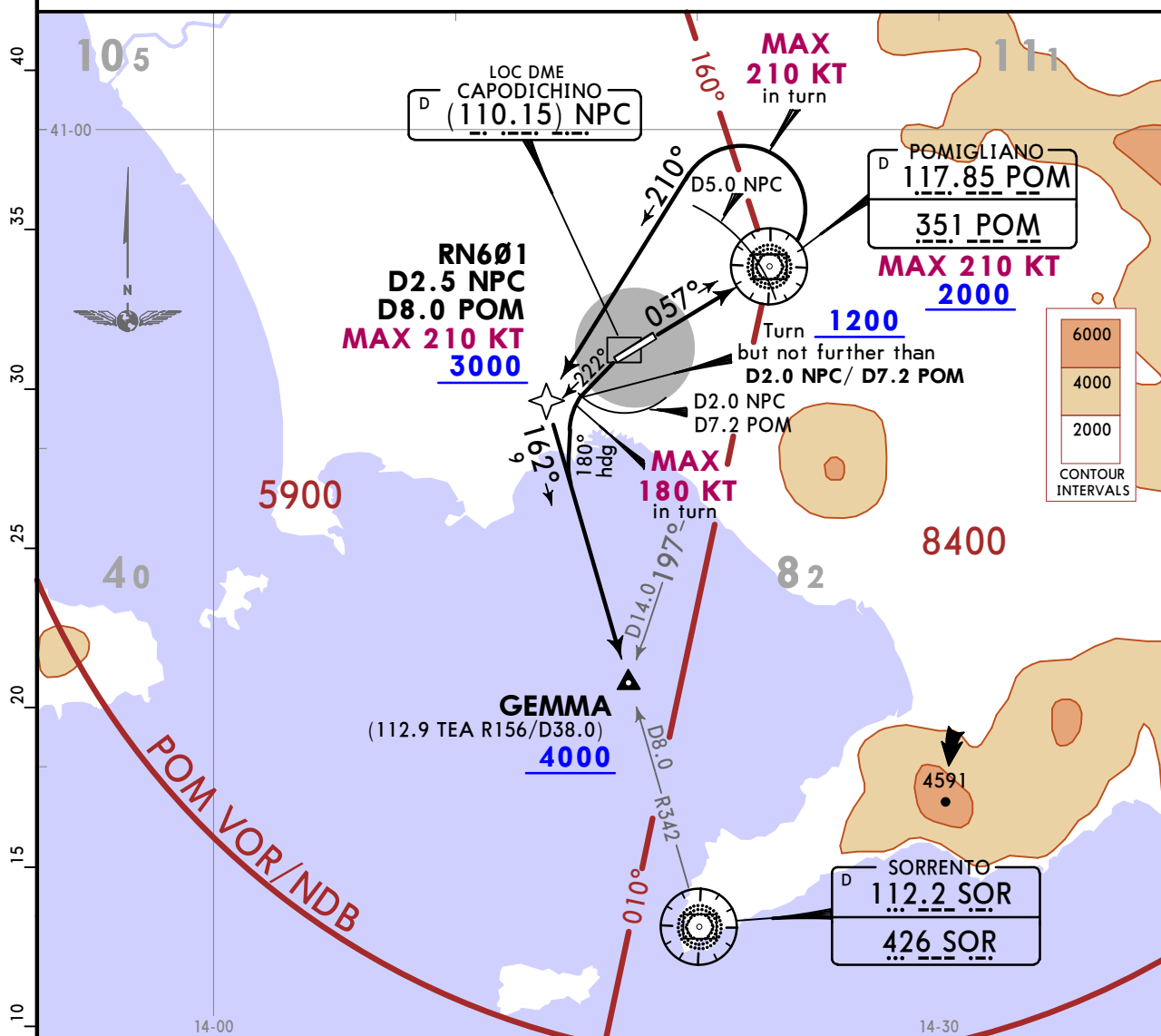
Trans alt: 8000

1. Conventional/P-RNAV.

2. If unable to comply with noise abatement procedures from RWY 24 request take-off from RWY 06.

3. EXPECT close-in obstacles.

INITIAL CLIMB PROCEDURES



These SIDs require minimum climb gradients of

Rwy 06 - MOLUX 8B: 480 per NM until leaving 7000.

Rwy 06 - TEA 8B: 425 per NM until leaving 4000, then 320 per NM until TEA.

Rwy 06 - Other SIDs: 425 per NM until leaving 3000.

Rwy 24: Climb with MAX climb gradient but no less than 583 per NM (9.6%) until leaving 3000.

Gnd speed-KT	75	100	150	200	250	300
320 per NM	400	533	800	1067	1333	1600
425 per NM	531	708	1063	1417	1771	2125
480 per NM	600	800	1200	1600	2000	2400
583 per NM	729	972	1458	1943	2429	2915

RWY 24: Initial climb clearance 3500

SID	RWY	INITIAL CLIMB
AGNIS 5C, DELER 5A EDOPA 5A, GALT 5A ISKIA 5A, MALOG 5A MOLUX 5A, PEVIR 5A POLIT 5A, TEA 5A, 5C	06	On 057° track to POM (D5.0 NPC), turn LEFT (MAX 210 KT), 210° track, intercept SOR R342 inbound/162° bearing towards SOR NDB to GEMMA. RNAV: POM (K210-; 2000+) - RN601 (K210-; 3000+) - GEMMA (4000+).
	24	At DER (D0.5 NPC) on 222° track, at 1200 but not further than D2.0 NPC/D7.2 POM turn LEFT (MAX 180 KT) on 180° heading, intercept SOR R342 inbound/162° bearing towards SOR NDB to GEMMA.
MOLUX 8B TEA 8B	06	On 057° track to POM.

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18 MAY 18 10-3B Eff 24 May

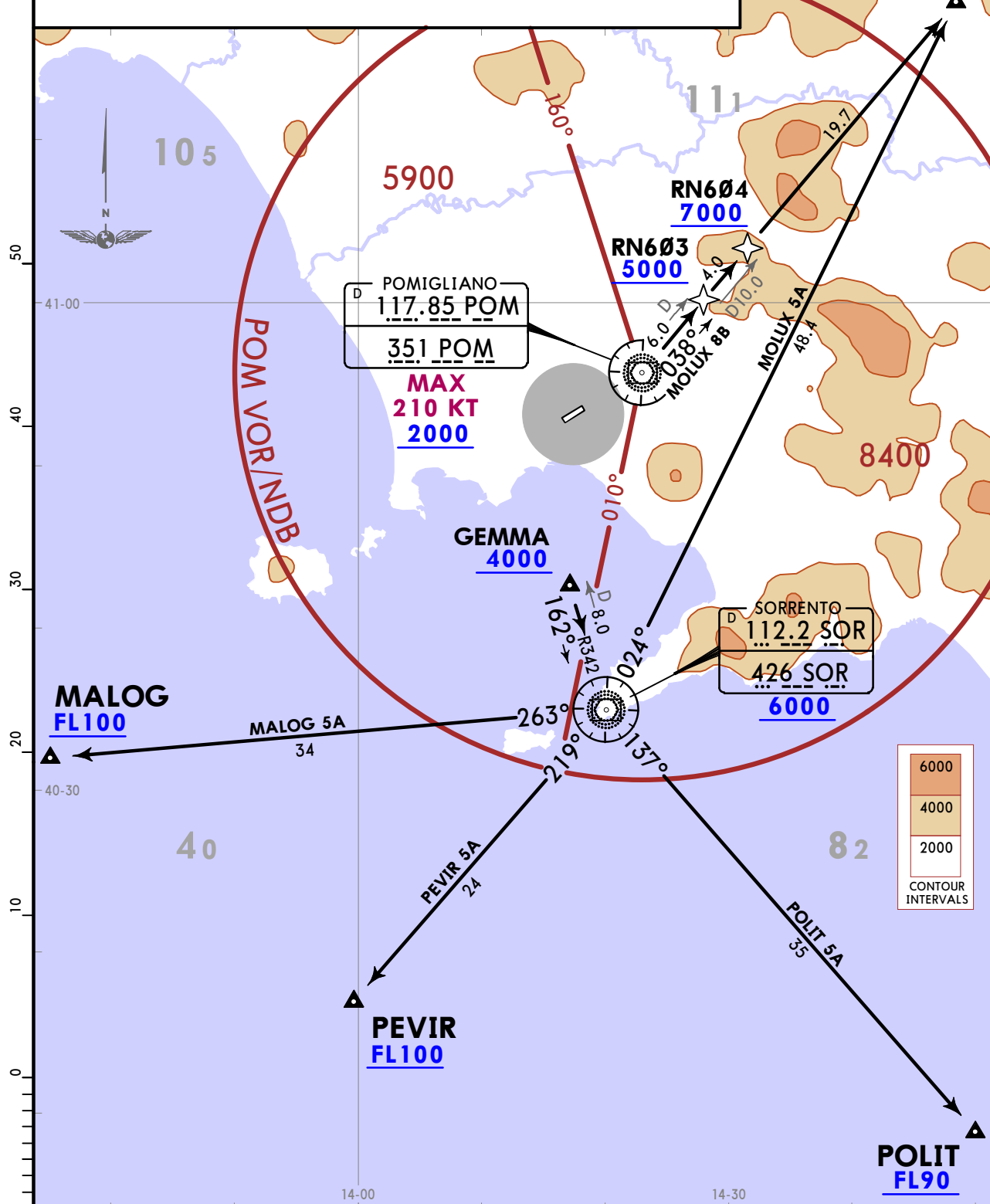
NAPLES, ITALY

SID

Apt Elev
294
Trans alt: 8000
Conventional/P-RNAV.

MALOG 5A [MAL05A]
MOLUX 5A [MOLU5A], MOLUX 8B [MOLU8B]
PEVIR 5A [PEVI5A], POLIT 5A [POLI5A]
DEPARTURES

MOLUX
MOLUX 5A:
FL95
MOLUX 8B:
FL210



SID	RWY	ROUTING
MALOG 5A	06, 24	Proceed to SOR, turn RIGHT, SOR R263 to MALOG.
MOLUX 5A		Proceed to SOR, turn LEFT, SOR R024 to MOLUX.
MOLUX 8B	06	At POM turn LEFT, POM R038 to MOLUX.
PEVIR 5A	06, 24	Proceed to SOR, turn RIGHT, SOR R219 to PEVIR.
POLIT 5A		Proceed to SOR, turn LEFT, SOR R137 to POLIT.

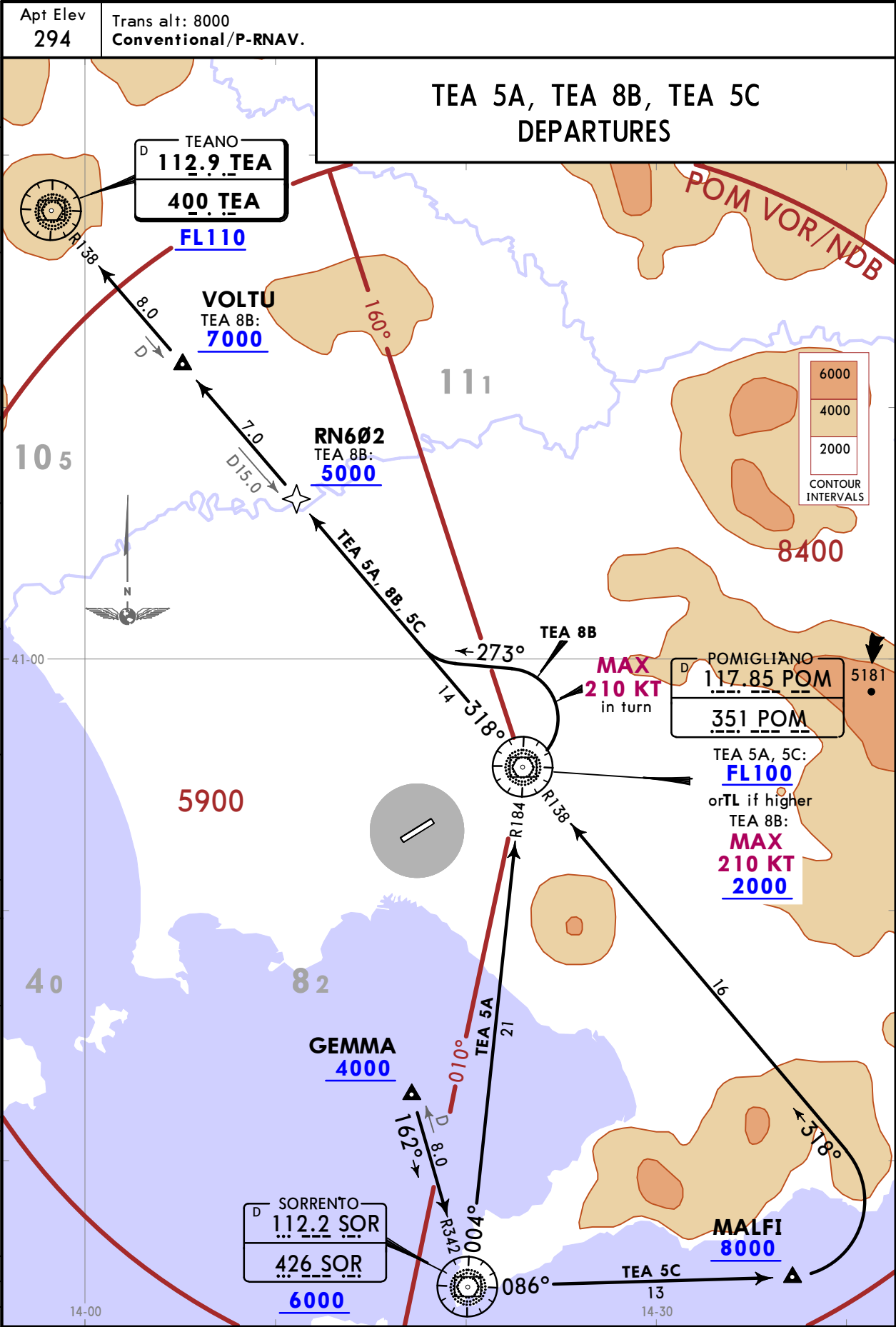
CHANGES: SID MOLUX 7B renumbered 8B.

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18 MAY 18 10-3C Eff 24 May

NAPLES, ITALY
SID



SID	RWY	ROUTING
TEA 5A	06, 24	Proceed to SOR, turn LEFT, SOR R004 to POM, POM R318 to TEA. Before passing SOR the LEFT turn to POM may be executed when ATC clearance has been asked for and received and aircraft has crossed 6000 climbing.
TEA 8B	06	At POM turn LEFT, 273° track, intercept POM R318 to TEA.
TEA 5C	06, 24	Proceed to SOR, turn LEFT, SOR R086 to MALFI, turn LEFT, intercept POM R138 inbound to POM, then proceed to TEA.

CHANGES: SID TEA 7B renumbered 8B.

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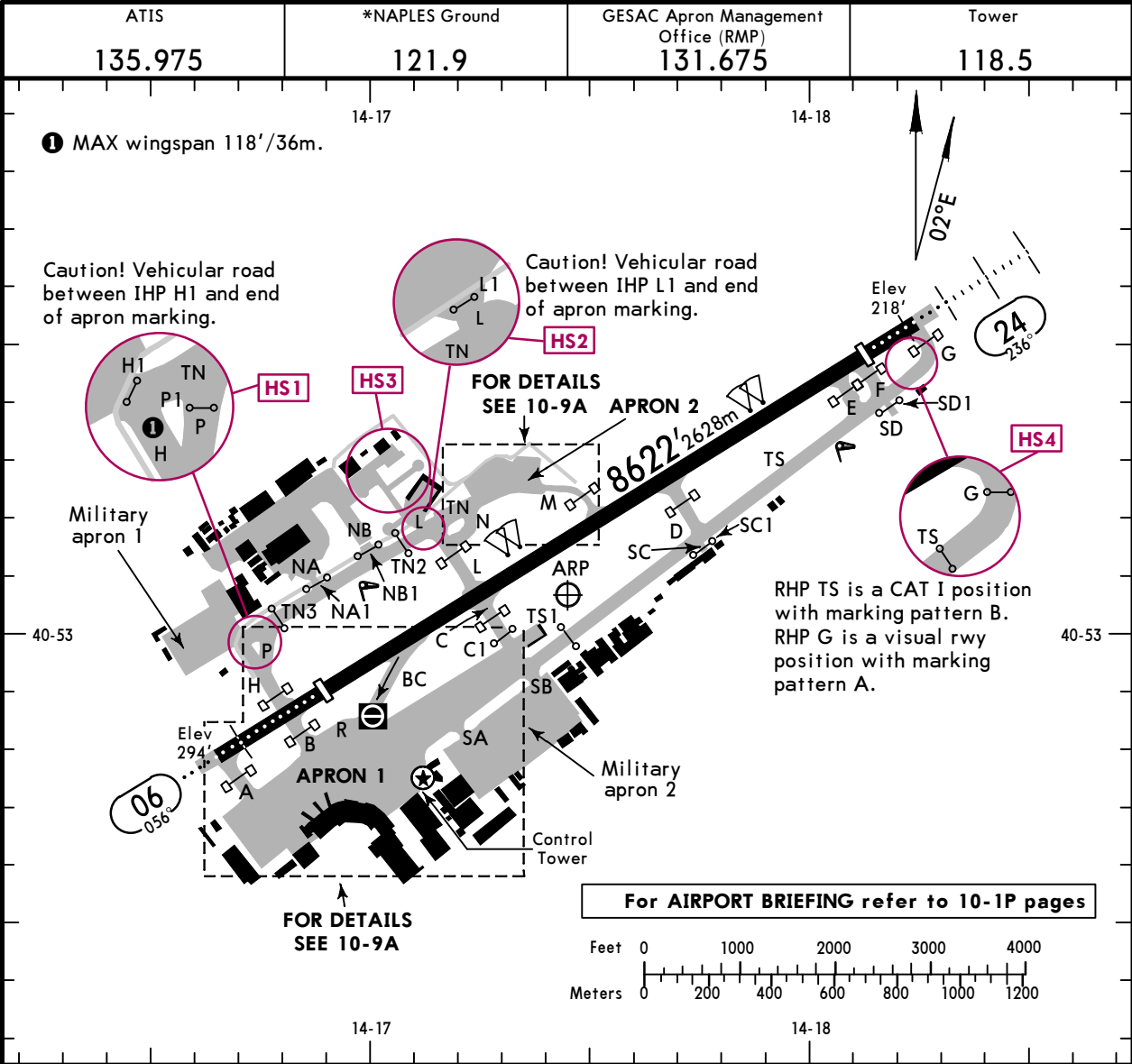
Apt Elev **294'**
N40 53.1 E014 17.5

JEPPesen

11 OCT 19 **(10-9)**

NAPLES, ITALY

CAPODICHINO



ADDITIONAL RUNWAY INFORMATION					
RWY				USABLE LENGTHS	
				LANDING BEYOND	
				Threshold	Glide Slope
06	HIRL (60m) CL (15m) HIALS PAPI (3.50°)			7313' 2229m	6341' 1933m
24	HIRL (60m) CL (15m) HIALS PAPI (3.33°) ③	RVR		7999' 2438m	7270' 2216m
					④
					148' 45m

③ HST-BC

④ 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)

HOT SPOTS

(For information only, not to be construed as ATC instructions.)

HS3 Possible take-off and landing of helicopters.

Standard

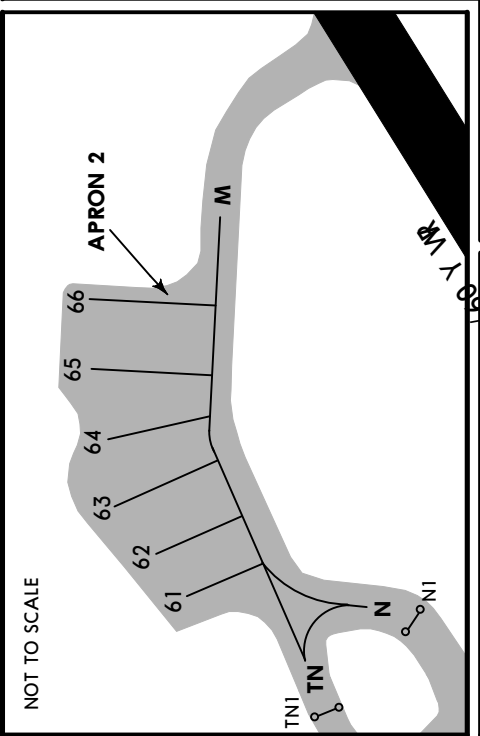
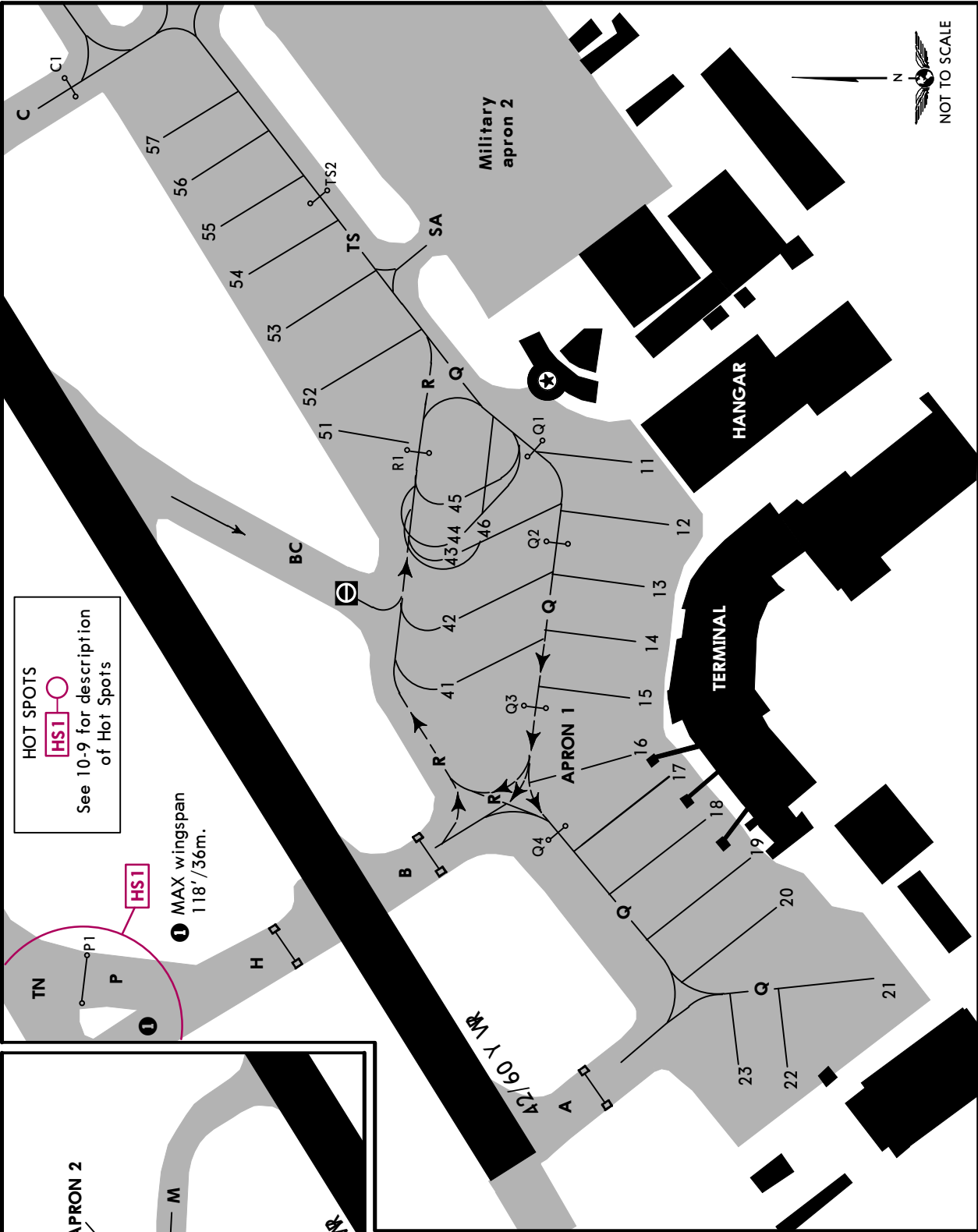
TAKE-OFF

A	
B	
C	200' - RVR 700m
D	

LIRN/NAP

11 OCT 19 10-9A

NAPLES, ITALY
CAPODICHINO



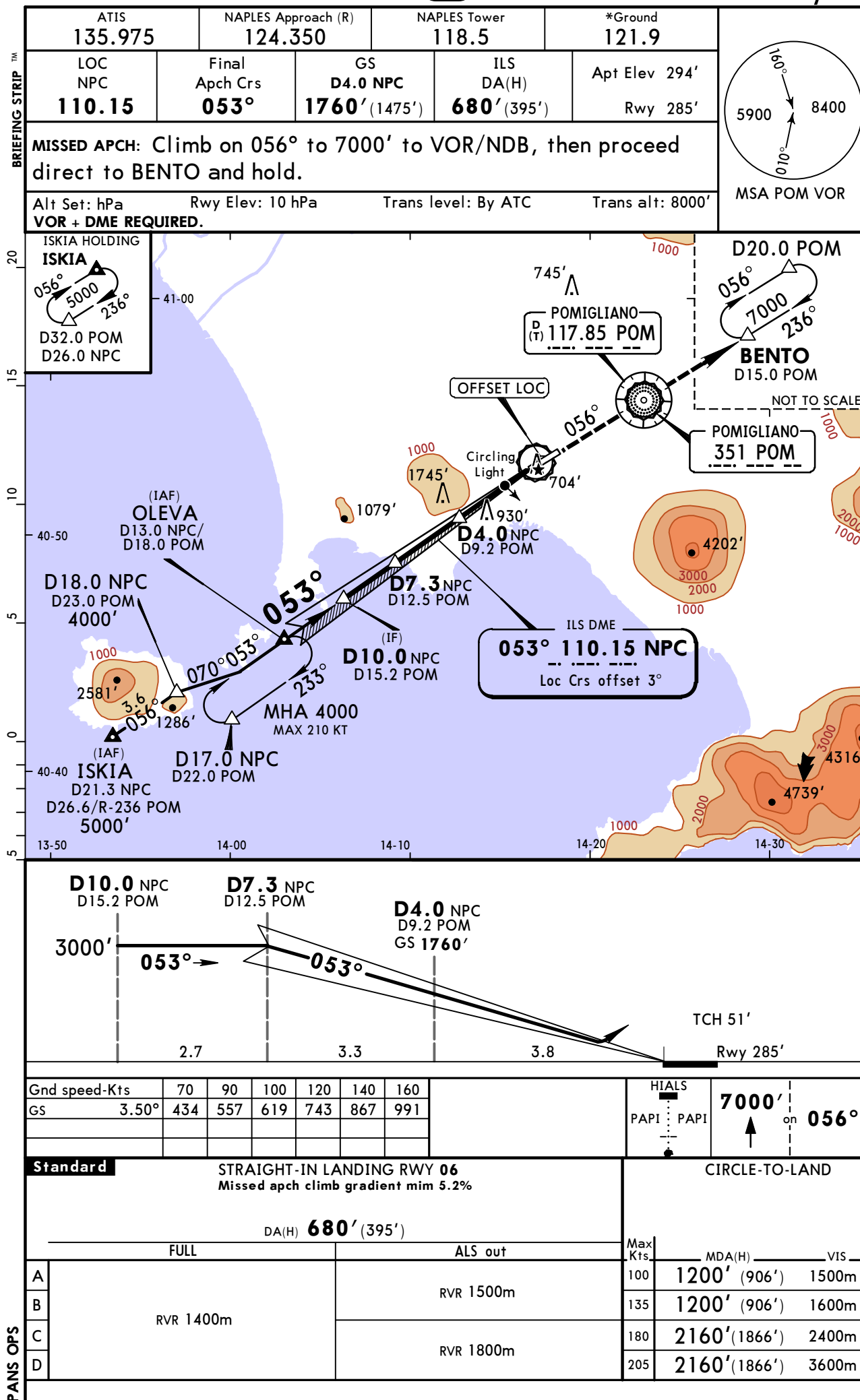
INS COORDINATES	
STAND No.	COORDINATES
11	N40 52.7 E014 17.1
12 thru 14	N40 52.7 E014 17.0
15 thru 18	N40 52.7 E014 16.9
19, 20	N40 52.7 E014 16.8
21	N40 52.6 E014 16.8
22, 23	N40 52.7 E014 16.7
41	N40 52.8 E014 16.9
42 thru 44	N40 52.8 E014 17.0
45	N40 52.8 E014 17.1
46	N40 52.8 E014 17.0
51, 52	N40 52.9 E014 17.1
53 thru 55	N40 52.9 E014 17.2
56, 57	N40 52.9 E014 17.3
61	N40 53.3 E014 17.2
62 thru 65	N40 53.3 E014 17.3
66	N40 53.3 E014 17.4

LIRN/NAP CAPODICHINO

JEPPESSEN
31 AUG 18 (11-2)

MISSED APCH CLIMB
GRAD MIM 5.2%

NAPLES, ITALY
ILS Y Rwy 06

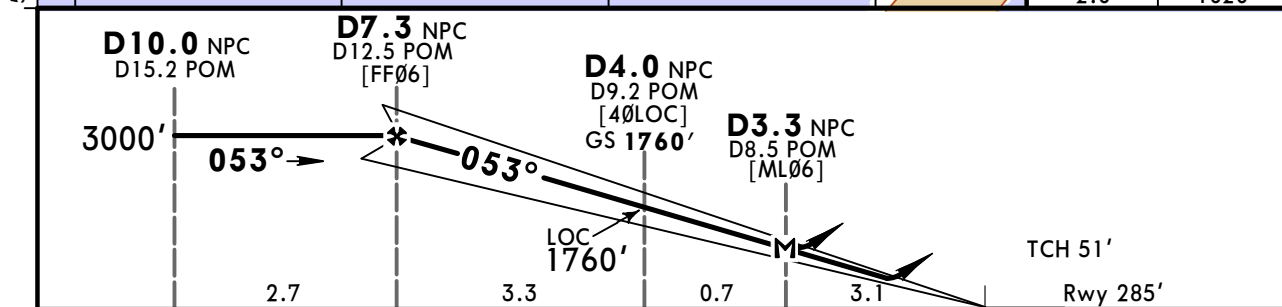
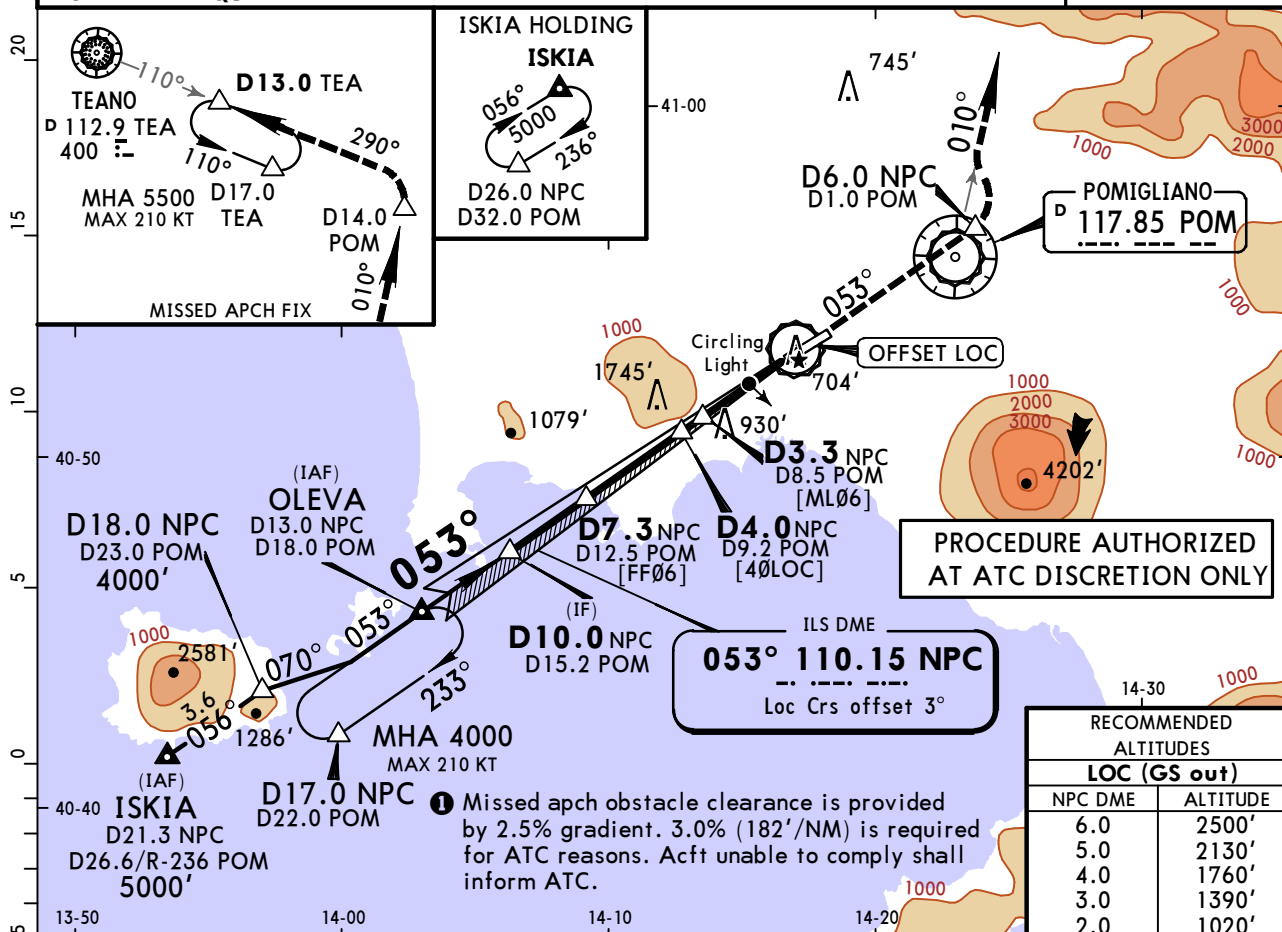


LIRN/NAP CAPODICHINO

JEPPESSEN
31 AUG 18
Eff 13 Sep (11-3)

NAPLES, ITALY
ILS X or LOC X Rwy 06

ATIS 135.975	NAPLES Approach (R) 124.350	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')
MISSED APCH: Climb on 053° to 5500'. At D6.0 NPC turn LEFT (MAX 210 KT) to join R-010 POM. At D14.0 POM turn LEFT (MAX 210 KT) to join R-110 inbound TEA. Hold between D13.0 and D17.0 TEA. 1		Apt Elev 294'	Rwy 285'
Alt Set: hPa		Rwy Elev: 10 hPa	Trans level: By ATC
VOR + DME REQUIRED.		Trans alt: 8000'	MSA POM VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS	5500' on 053°
GS	3.50°	434	557	619	743	867	PAPI	PAPI
LOC Descent Angle	3.52°	436	561	623	748	872		
MAP at D3.3 NPC/D8.5 POM								

Standard		STRAIGHT-IN LANDING Rwy 06		CEILING REQUIRED		CIRCLE-TO-LAND	
ILS		LOC (GS out) 1		LOC (GS out) 1		LOC (GS out) 1	
DA(H) 680' (395')		DA/MDA(H) 1500' (1215')		DA/MDA(H) 1500' (1215')		DA/MDA(H) 1500' (1215')	
FULL		ALS out		ALS out		ALS out	
A							
B	RVR 1400m	RVR 1500m					
C			1600' - 5000m		1600' - 8000m		
D		RVR 1800m					
						Max Kts	MDA(H) VIS
						100	1200' (906') 2 1500m
						135	1200' (906') 2 1600m
						180	2160' (1866') 3 2400m
						205	2160' (1866') 3 3600m

1 Below DA(H) PAPI indications strictly MANDATORY. **2** After LOC apch: MDA(H) 1500' (1206'), CEIL 1600' DAY: VIS 5000m, NIGHT: VIS 8000m. **3** After LOC apch: CEIL 1600' DAY: VIS 5000m, NIGHT: VIS 8000m.

CHANGES: Minimums.

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LIRN/NAP
CAPODICHINO

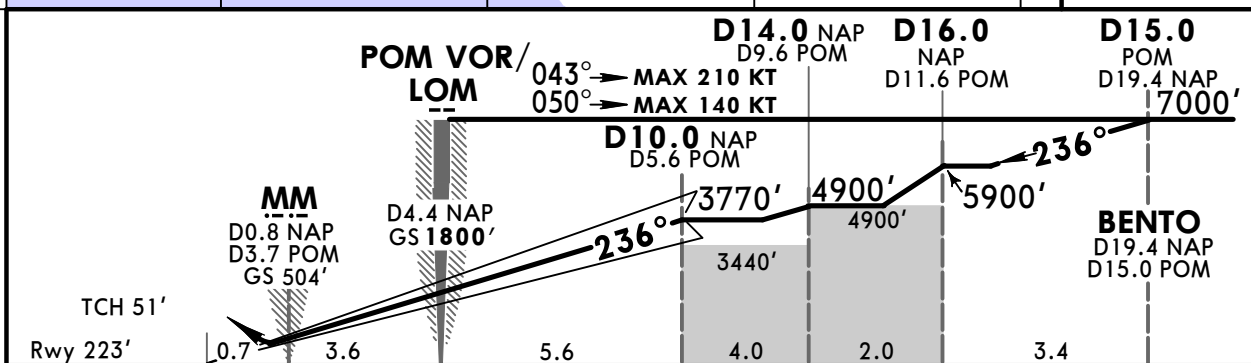
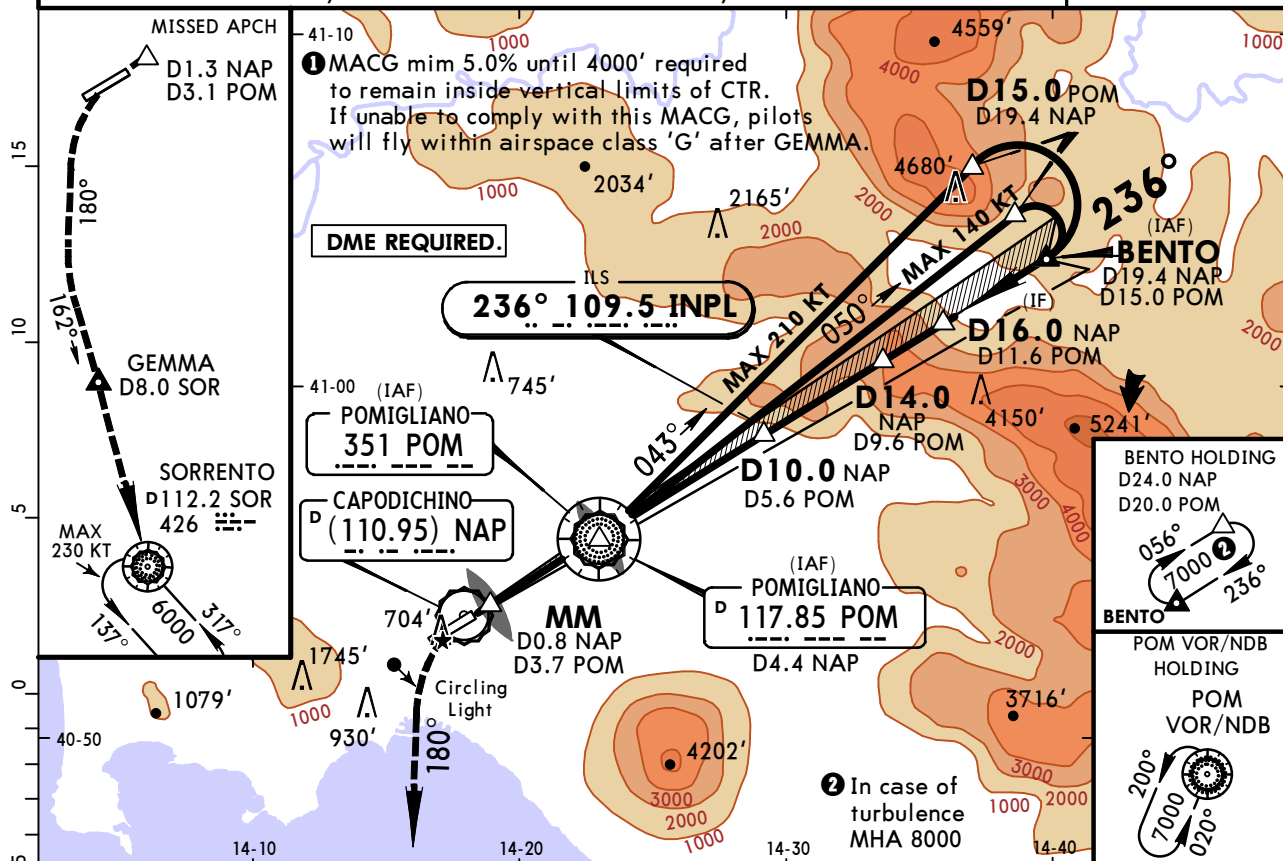
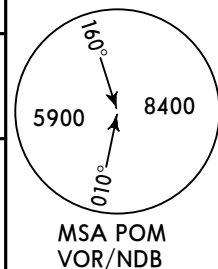
JEPPESEN
31 AUG 18 (11-4) Eff 13 Sep

~~NAPLES, ITALY~~
~~ILS Z Rwy 24~~

ATIS 135.975		NAPLES Approach (R) 124.350		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: Proceed on 236° climb to 6000'. At 750', not before D1.3 NAP/D3.1 POM, turn LEFT (MAX 185KT) onto 180° to join R-342 inbound SOR/162° to SOR NDB, to cross GEMMA at or above 4000' then to SOR VOR/NDB and join holding. ①							
Alt Set: hPa		Rwy Elev: 8 hPa		Trans level: By ATC		Trans alt: 8000'	



MSA POM
VOR/NDB



Gnd speed-Kts	70	90	100	120	140	160
GS 3.33°	412	530	589	707	825	943

HIALS PAPI	Refer to Missed Apch above
--------------------------	---

Standard		STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND				
Missed apch climb gradient mim 5.0%		Missed apch climb gradient mim 2.5%								
DA(H) A: 518' (295') C: 540' (317') B: 529' (306') D: 550' (327')		DA(H) A: 638' (415') C: 660' (437') B: 649' (426') D: 670' (447')								
FULL		ALS out		FULL		ALS out		Max Kts	MDA(H)	VIS
A	RVR 900m	RVR 1400m		RVR 1500m		100	1200' (906')	1500m		
B	RVR 1000m					135	1200' (906')	1600m		
C				RVR 1600m	RVR 2000m	180	2160' (1866')	2400m		
D	RVR 1100m	RVR 1500m	RVR 1700m	RVR 2100m	205	2160' (1866')	3600m			

LIRN/NAP CAPODICHINO

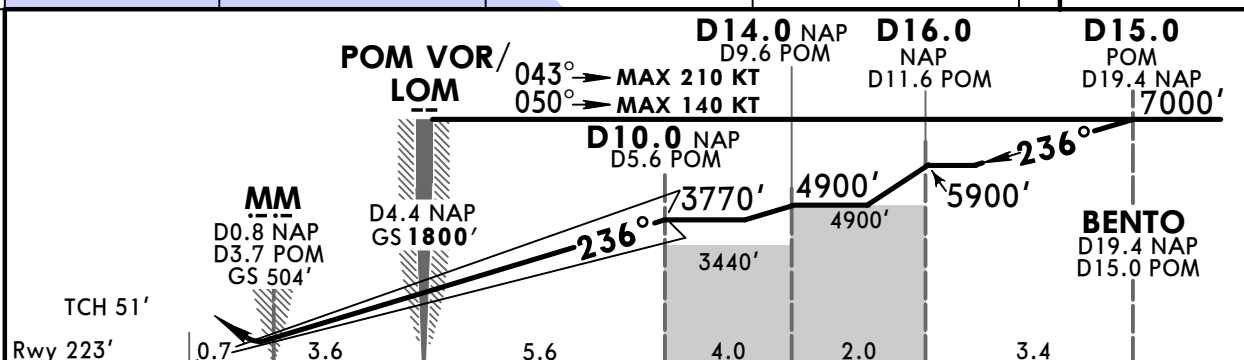
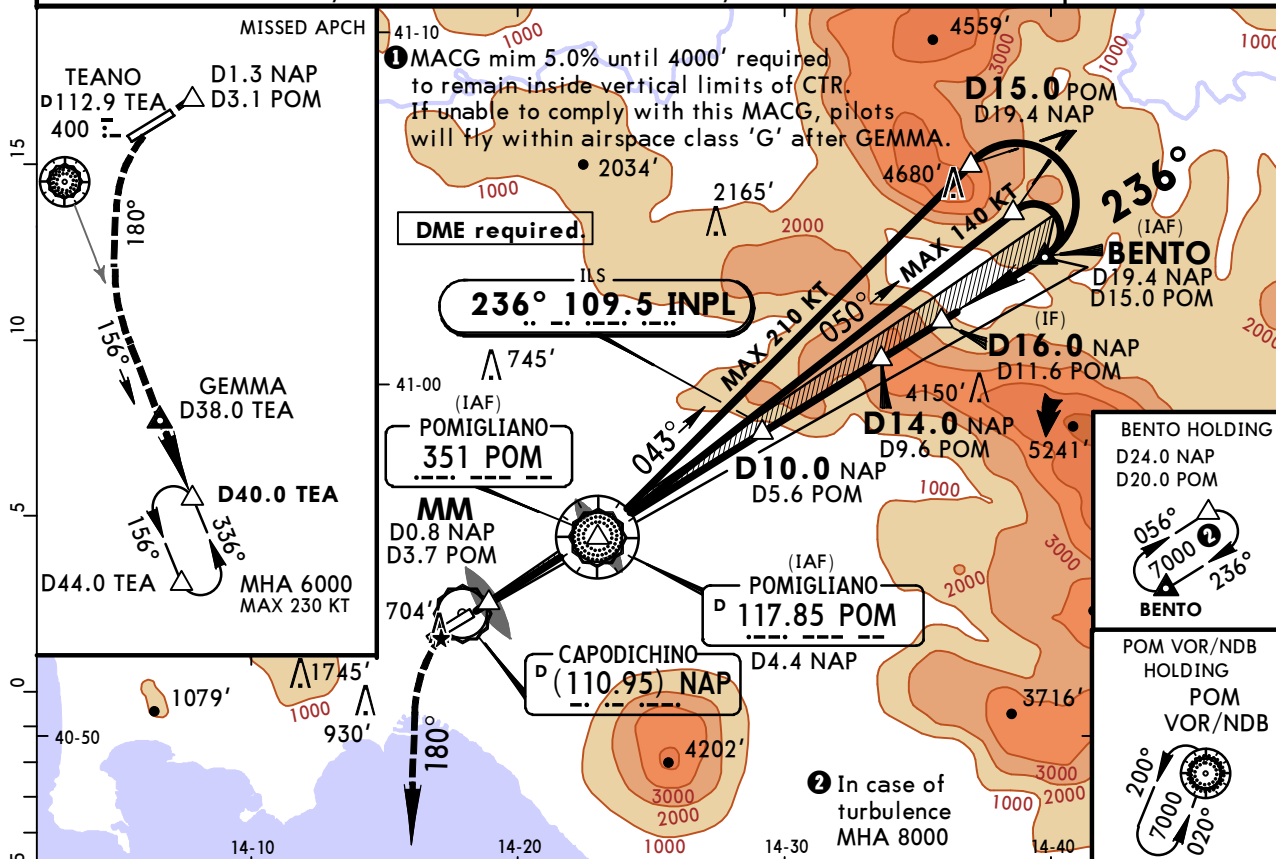
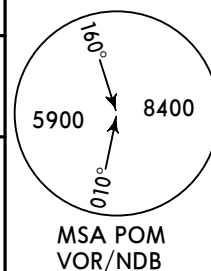
JEPPESSEN
30 AUG 19 **(11-5)** Eff 12 Sep

NAPLES, ITALY
ILS Y Rwy 24

ATIS 135.975	NAPLES Approach (R) 124.350	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: Proceed on 236° climb to 6000'. At 750', not before D1.3 NAP/D3.1 POM turn LEFT (MAX 185KT) onto 180° to join R-156 TEA/156° from TEA NDB, to cross GEMMA at or above 4000', then proceed to missed apch holding. **①**

Alt Set: hPa Rwy Elev: 8 hPa Trans level: By ATC Trans alt: 8000'



Gnd speed-Kts	70	90	100	120	140	160	HTALS	Refer to Missed Apch above
GS	3.33°	412	530	589	707	825	PAPI PAPI	

STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND			
Missed apch climb gradient mim 5.0%		Missed apch climb gradient mim 2.5%		Max Kts		MDA(H) VIS	
DA(H) A: 518' (295') C: 540' (317') B: 529' (306') D: 550' (327')		DA(H) A: 638' (415') C: 660' (437') B: 649' (426') D: 670' (447')					
FULL	ALS out	FULL	ALS out				
A RVR 900m	RVR 1400m	RVR 1500m		100	1200' (906')	1500m	
B RVR 1000m				135	1200' (906')	1600m	
C RVR 1100m	RVR 1500m	RVR 1600m	RVR 2000m	180	2160' (1866')	2400m	
D RVR 1100m		RVR 1700m	RVR 2100m	205	2160' (1866')	3600m	

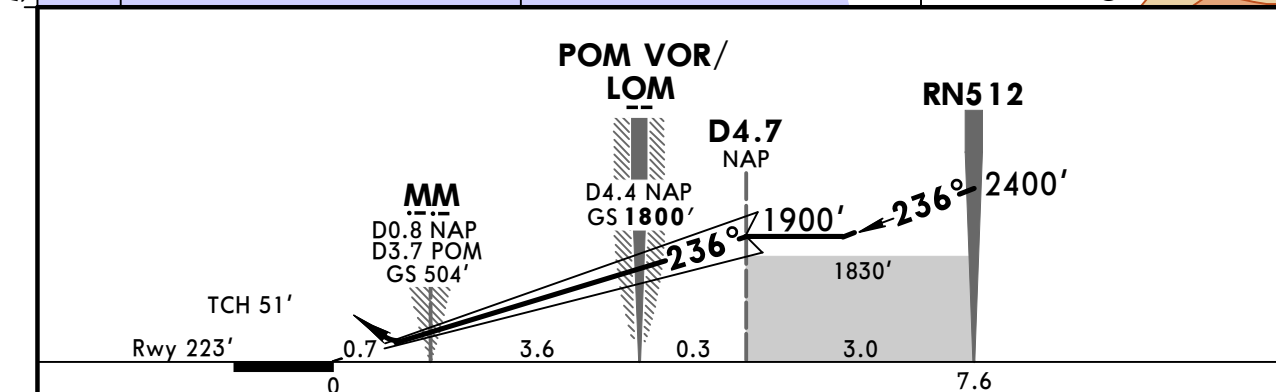
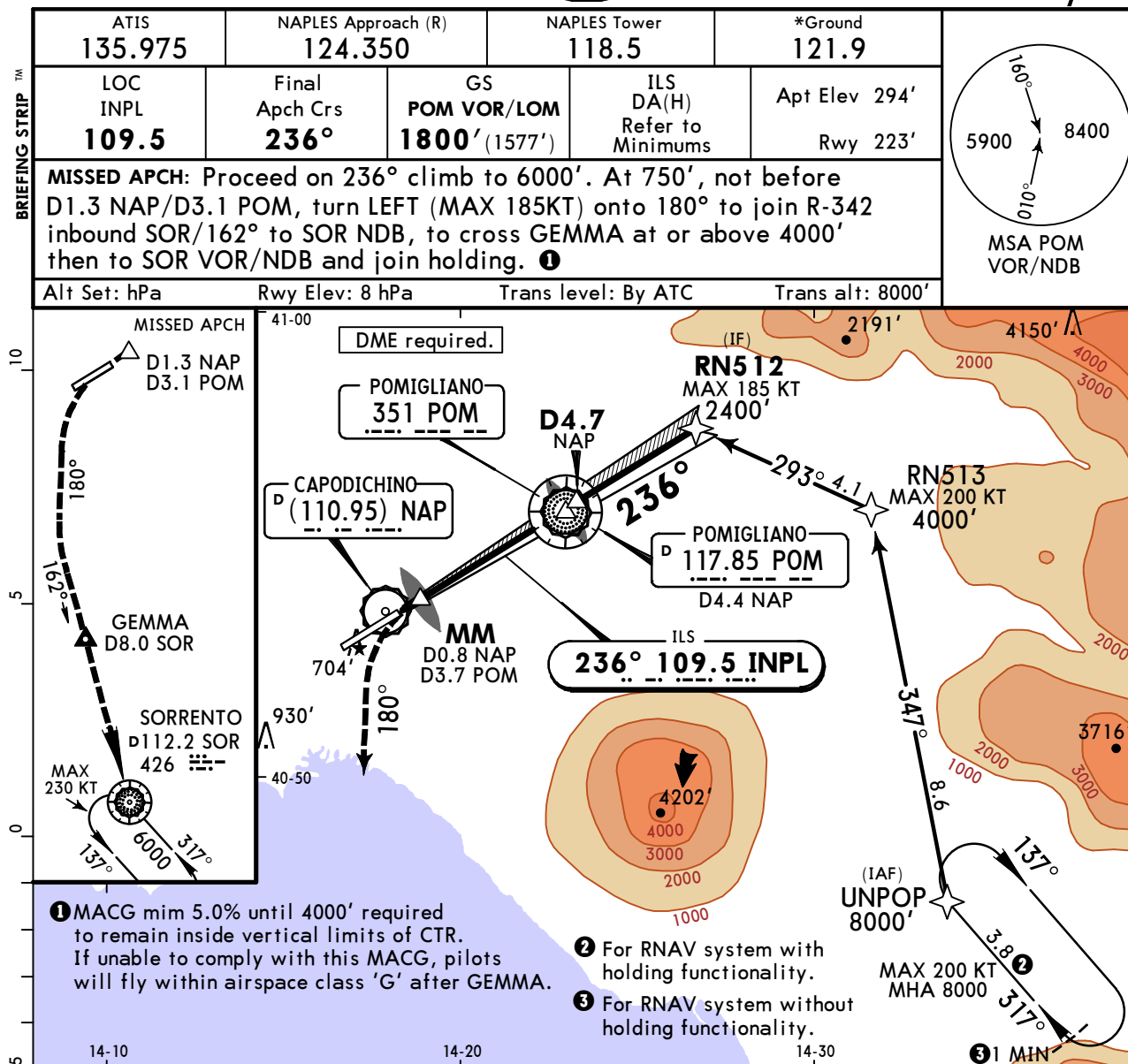
CHANGES: None.

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LIRN/NAP CAPODICHINO

JEPPESSEN
30 AUG 19 **11-6** Eff 12 Sep

NAPLES, ITALY
ILS X Rwy 24



Gnd speed-Kts	70	90	100	120	140	160	HIALS	Refer to Missed Apch above
GS	3.33°	412	530	589	707	825	PAPI	

STRAIGHT-IN LANDING RWY 24				CIRCLE-TO-LAND			
Missed apch climb gradient min 5.0%		Missed apch climb gradient min 2.5%		Max Kts		MDA(H) VIS	
DA(H) A: 518' (295') C: 540' (317') B: 529' (306') D: 550' (327')		DA(H) A: 638' (415') C: 660' (437') B: 649' (426') D: 670' (447')					
FULL	ALS out	FULL	ALS out				
A	RVR 900m	RVR 1500m		100		1200' (906')	1500m
B	RVR 1000m	RVR 1400m		135		1200' (906')	1600m
C		RVR 1600m	RVR 2000m	180		2160' (1866')	2400m
D	RVR 1100m	RVR 1500m	RVR 1700m	205		2160' (1866')	3600m

LIRN/NAP CAPODICHINO

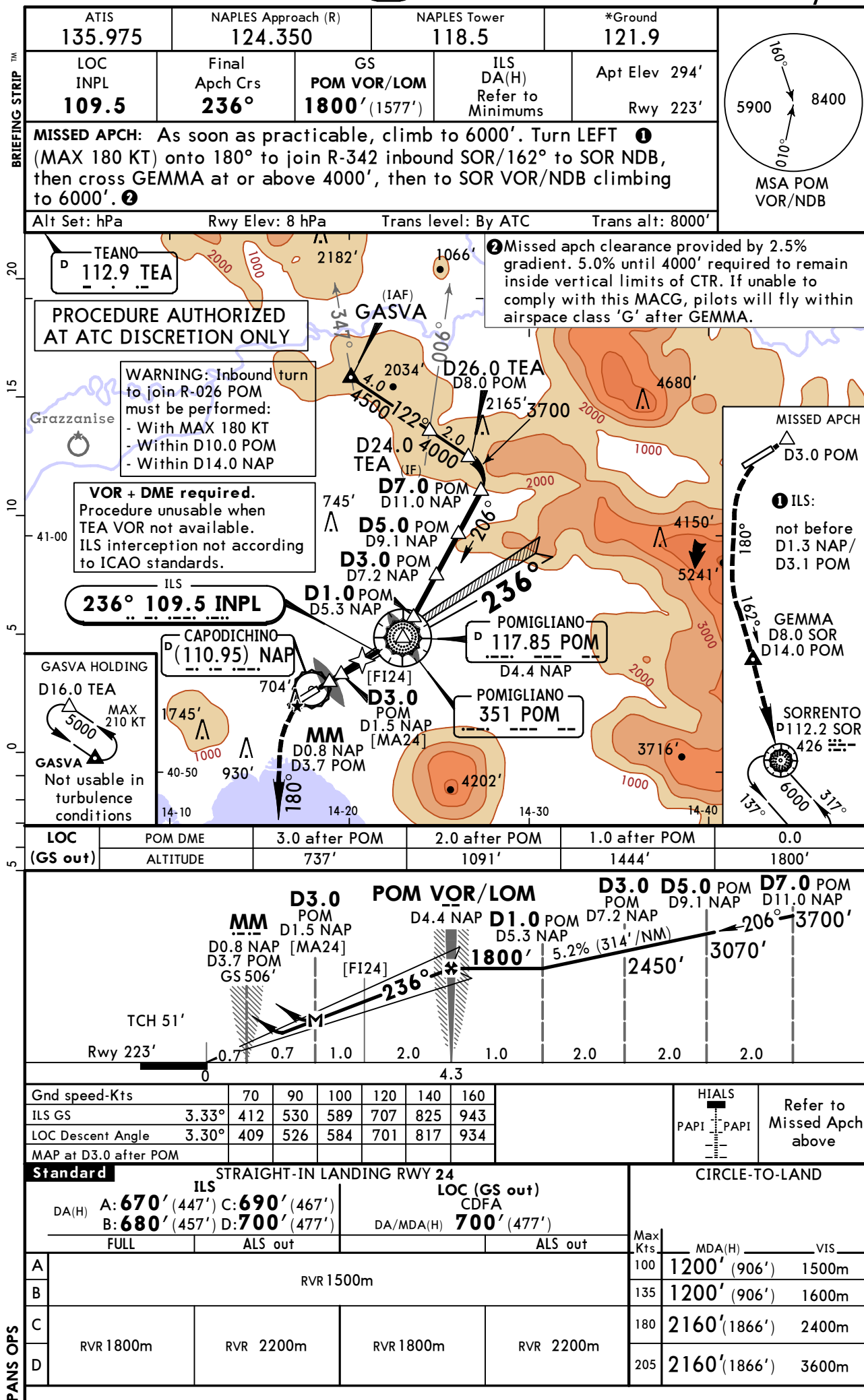
JEPPesen

30 AUG 19

11-7

Eff 12 Sep

NAPLES, ITALY ILS W or LOC W Rwy 24



LIRN/NAP CAPODICHINO

JEPPesen

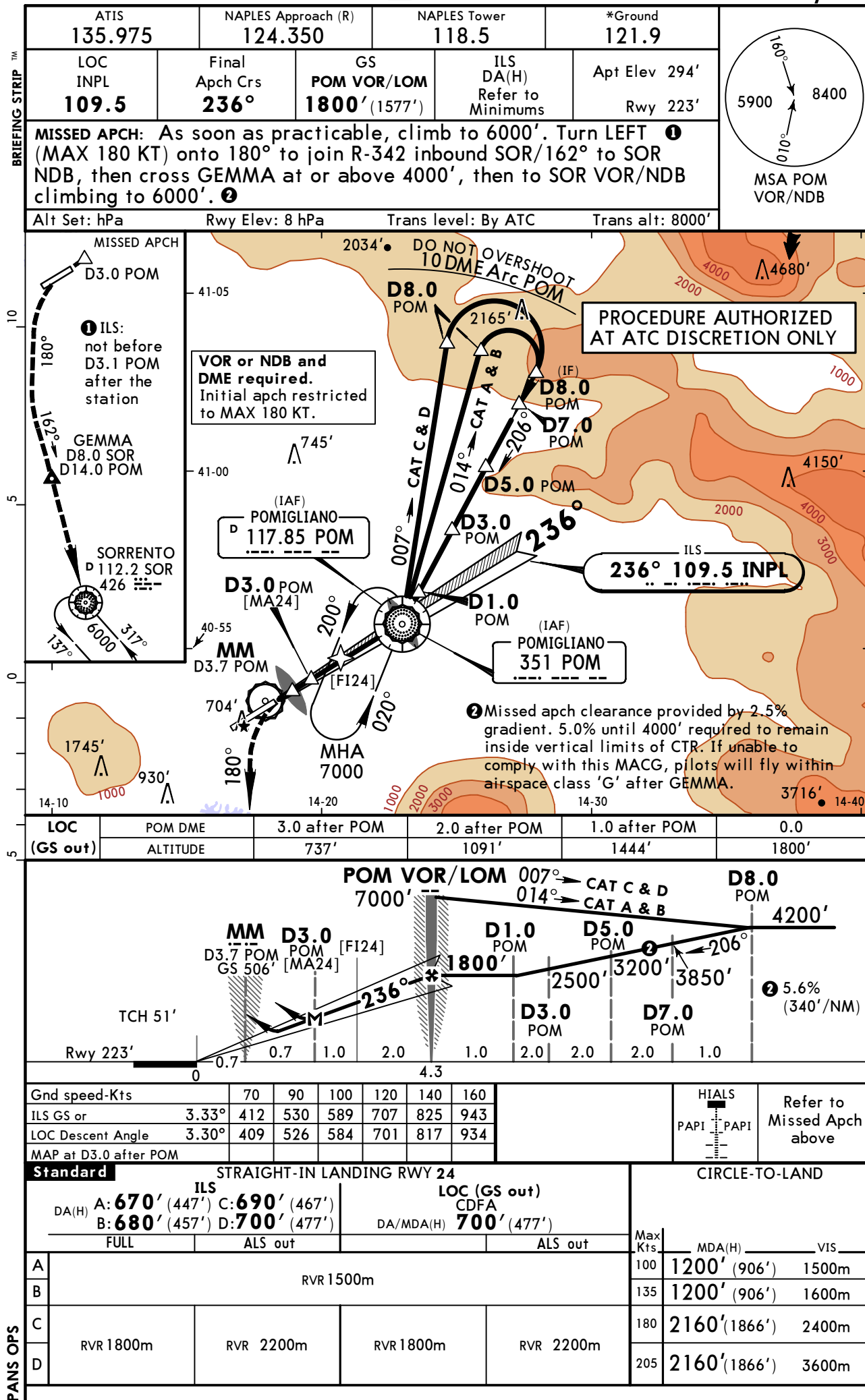
30 AUG 19

(11-8)

Eff 12 Sep

NAPLES, ITALY

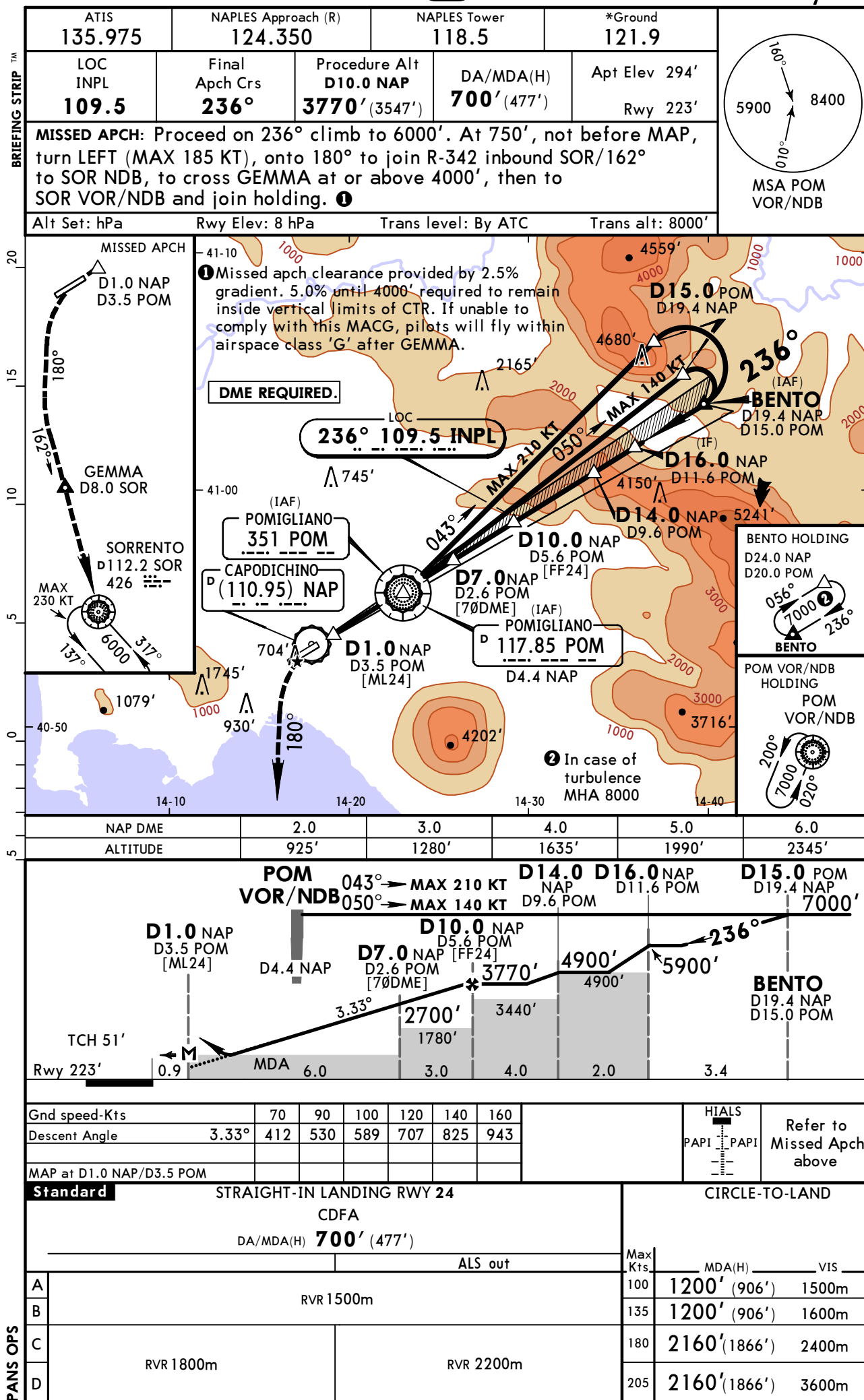
ILS V or LOC V Rwy 24



LIRN/NAP CAPODICHINO

JEPPESSEN
30 AUG 19 **(11-9)** Eff 12 Sep

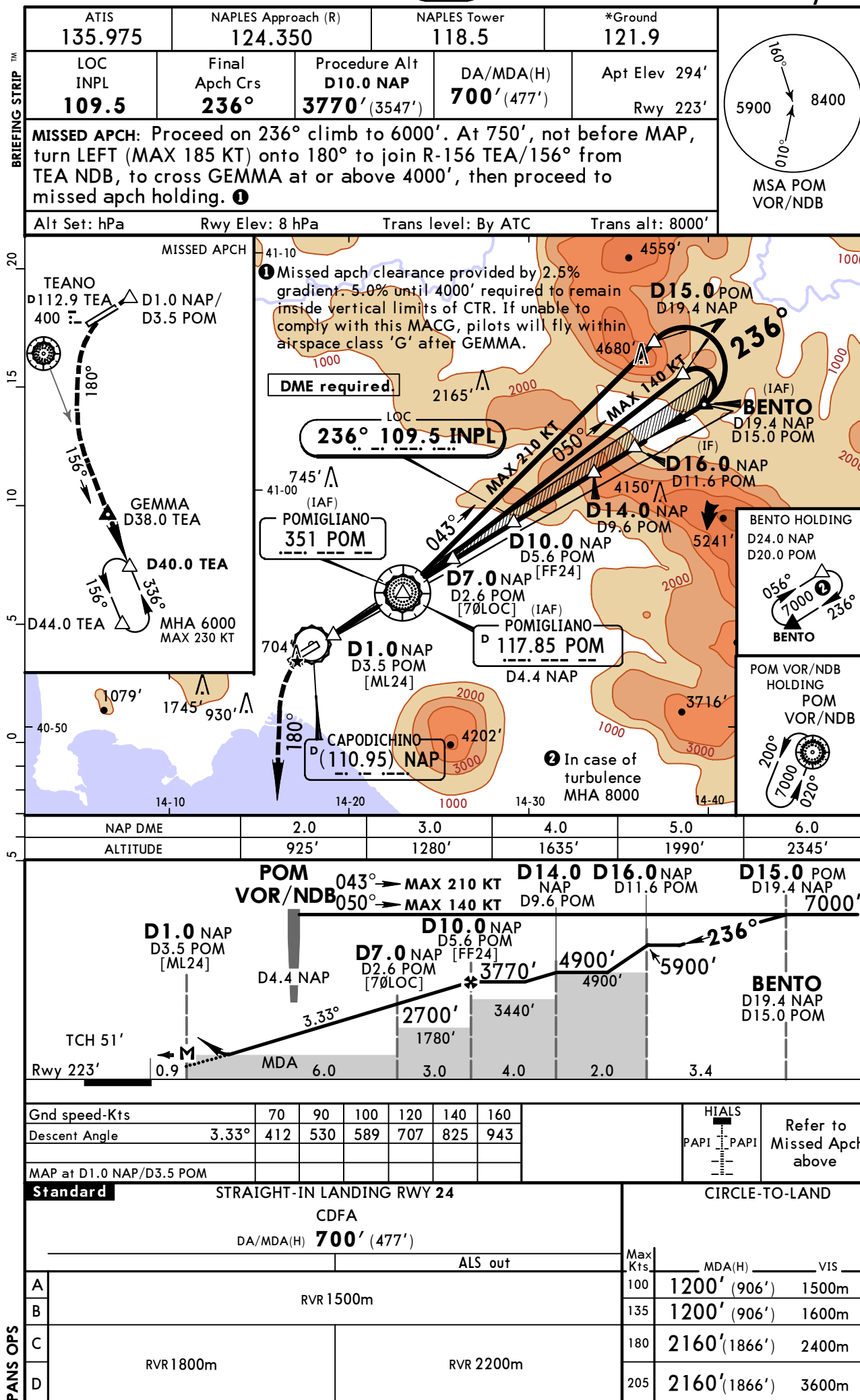
NAPLES, ITALY
LOC Z Rwy 24



LIRN/NAP CAPODICHINO

JEPPESSEN
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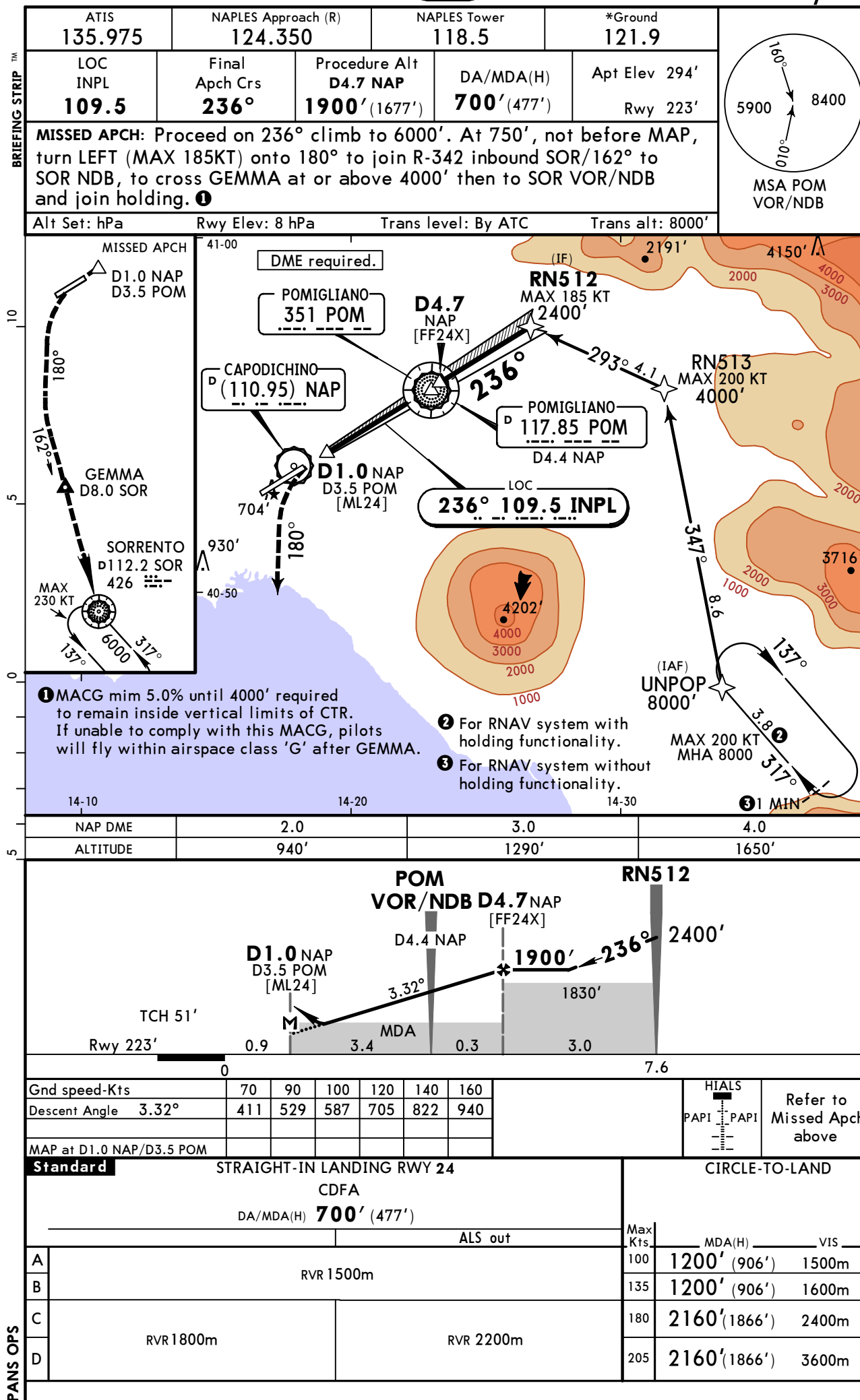
NAPLES, ITALY
LOC Y Rwy 24



LIRN/NAP CAPODICHINO

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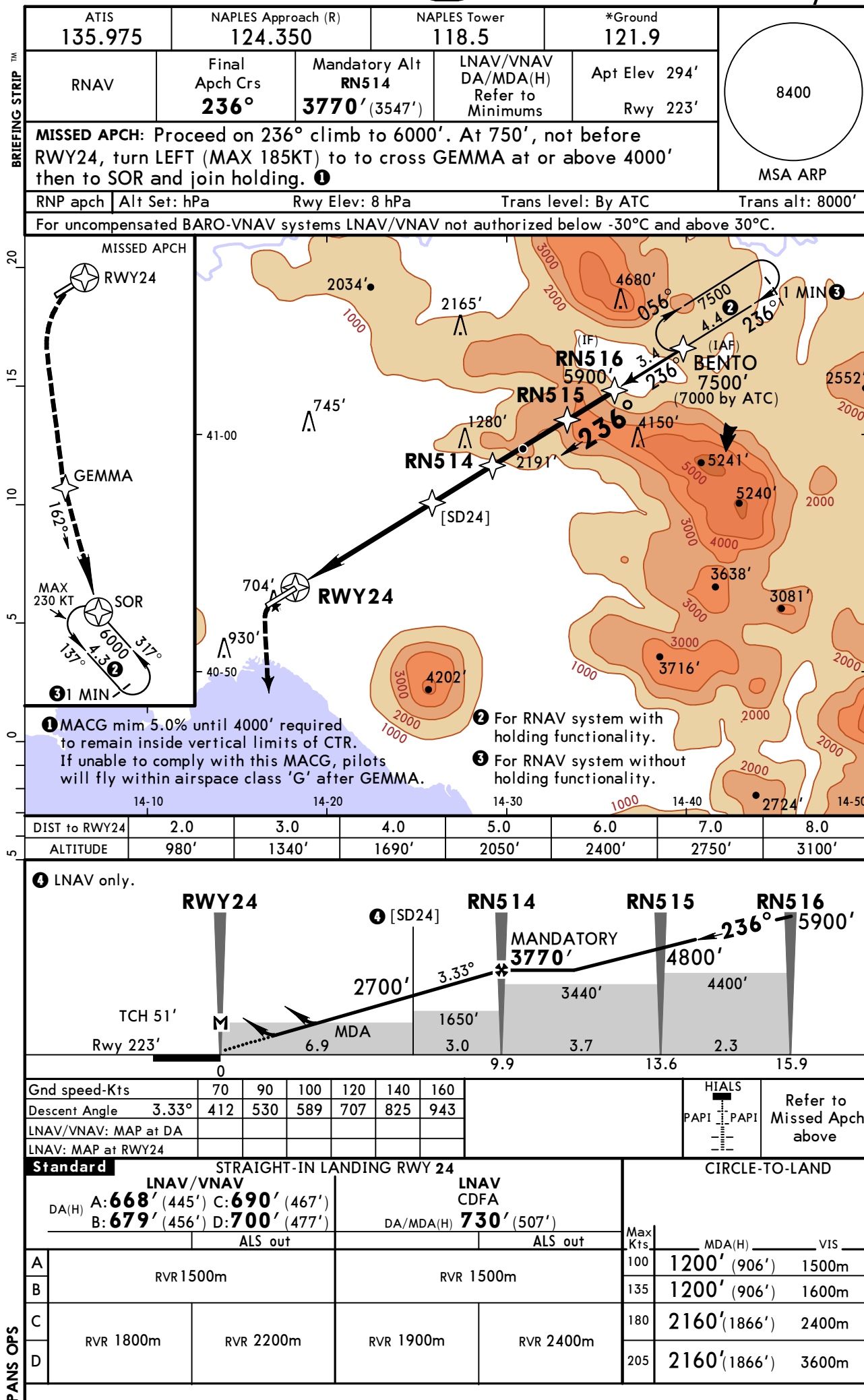
NAPLES, ITALY
LOC X Rwy 24



LIRN/NAP CAPODICHINO

JEPPESSEN
30 AUG 19 **(12-1)** Eff 12 Sep

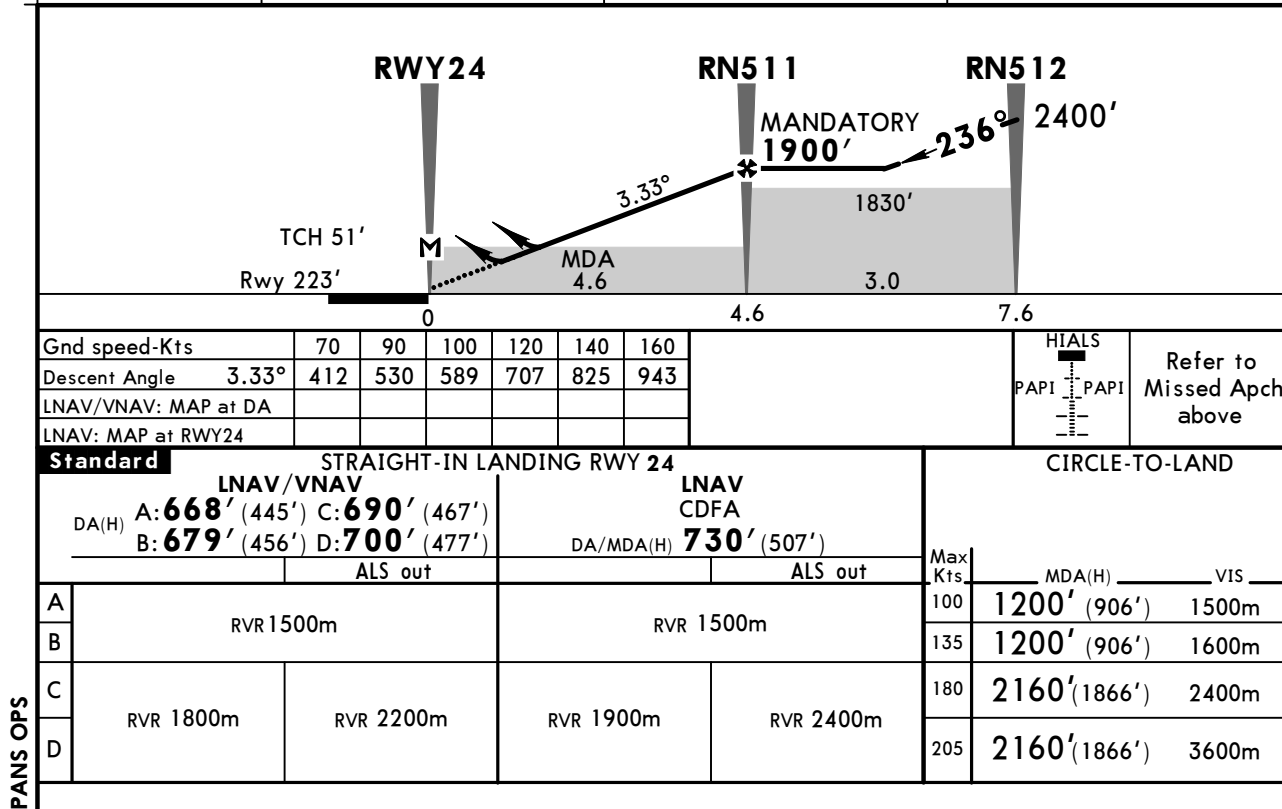
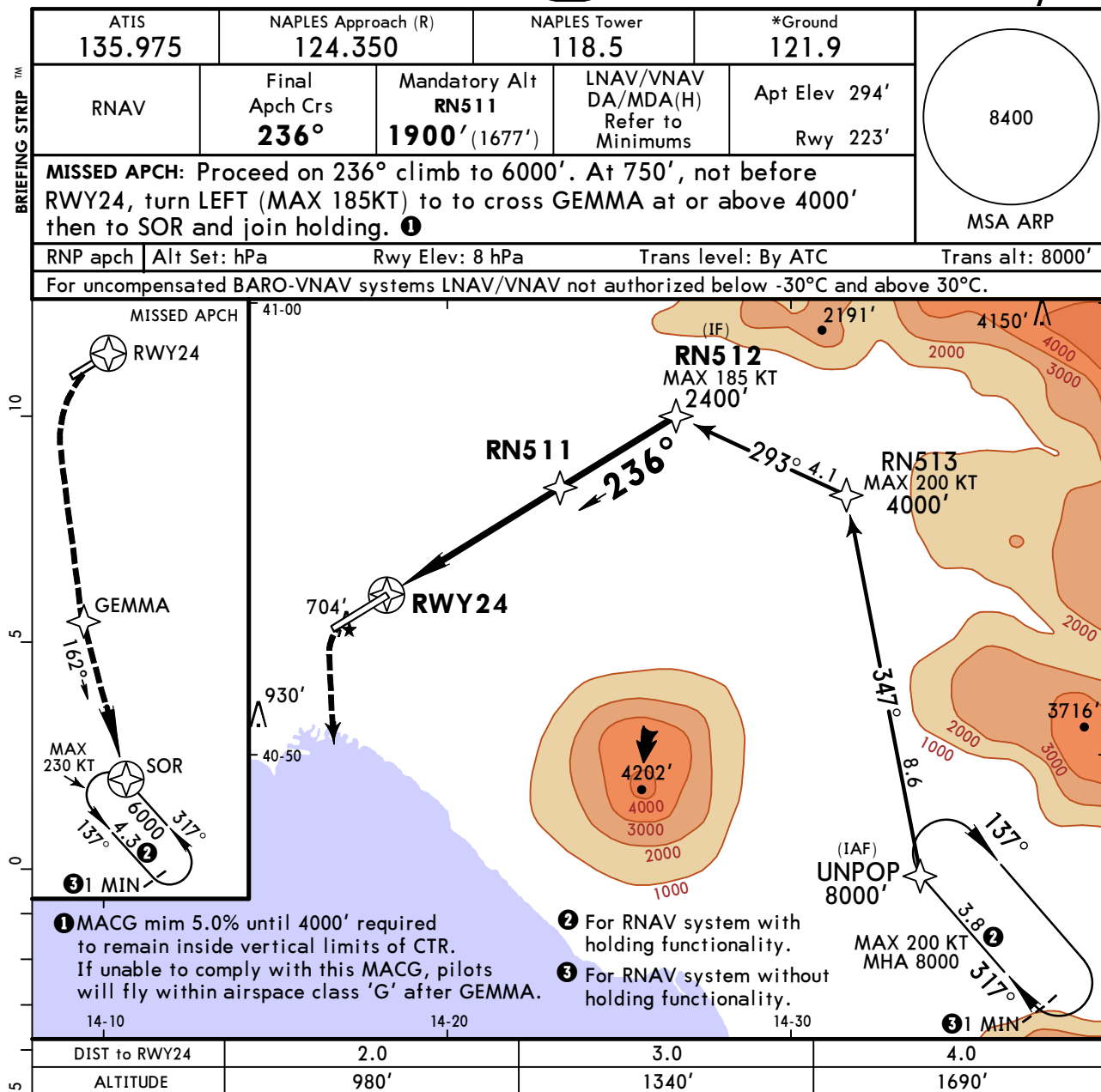
NAPLES, ITALY
RNP Z Rwy 24



LIRN/NAP CAPODICHINO

JEPPESSEN
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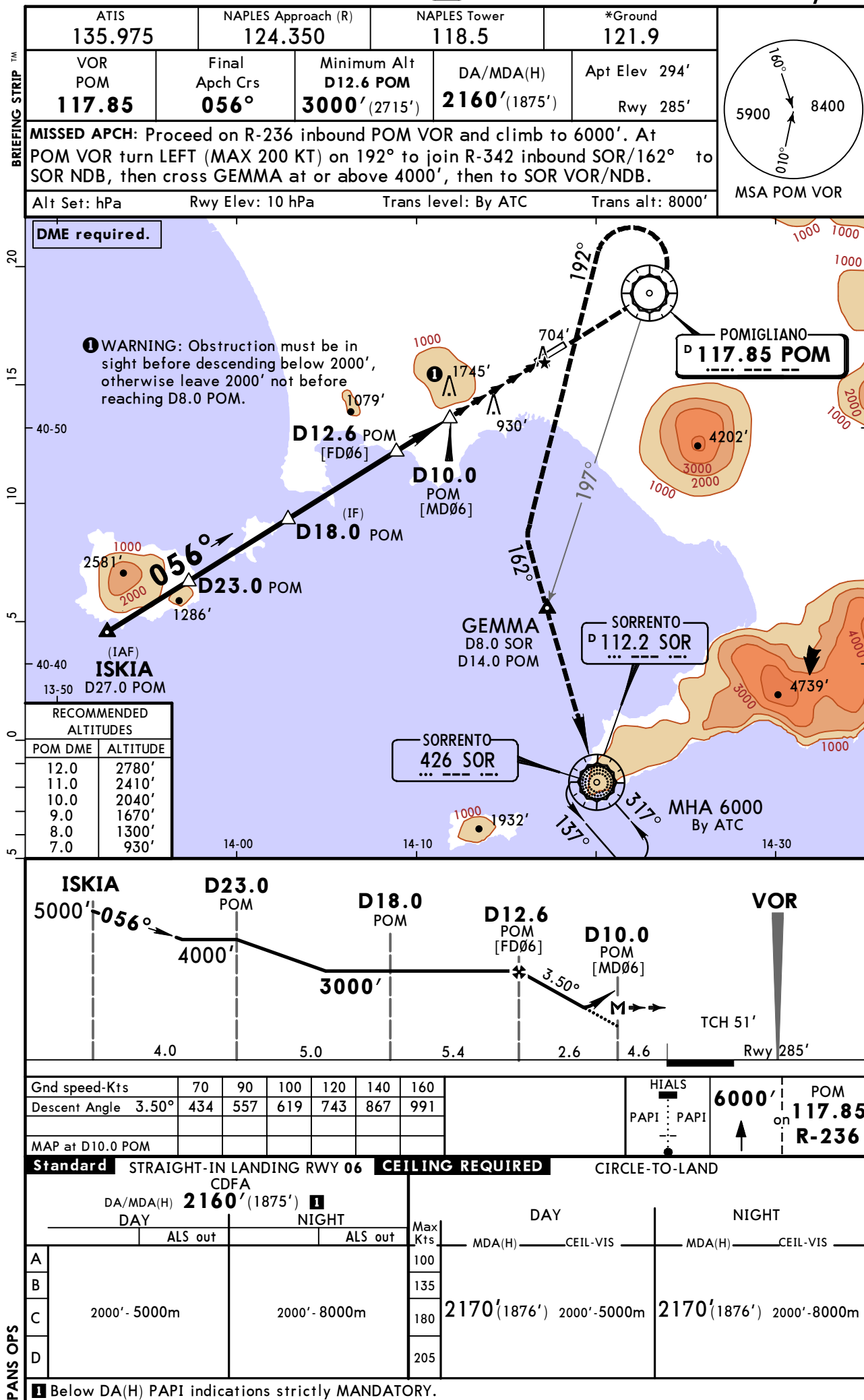
NAPLES, ITALY
RNP Y Rwy 24



LIRN/NAP CAPODICHINO

JEPPESSEN
30 AUG 19 **13-1** Eff 12 Sep

NAPLES, ITALY
VOR Rwy 06



LIRN

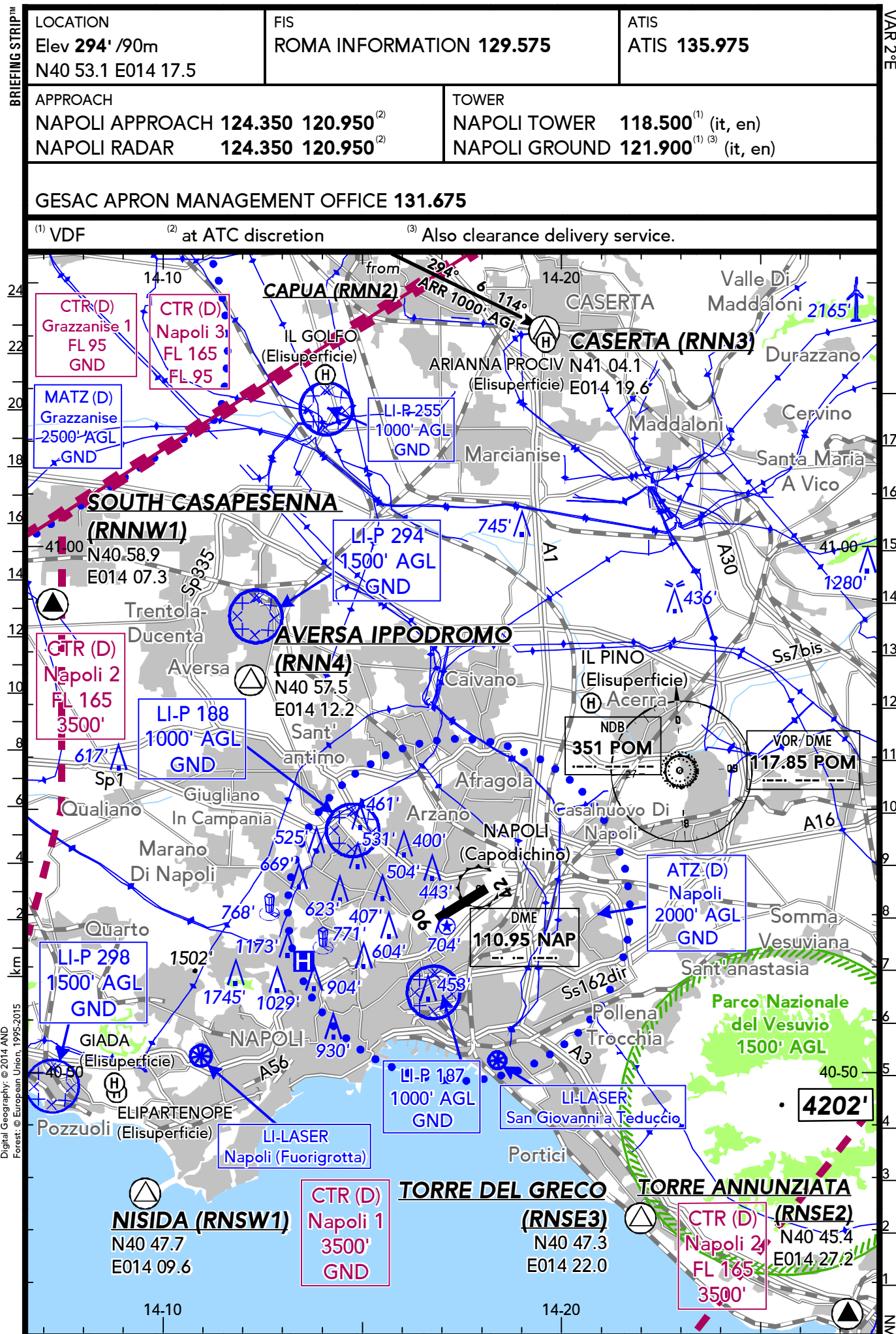
CAPODICHINO

31 MAY 19

(19-1)

NAPOLI

ITALY



LIRN

CAPODICHINO

31 MAY 19

19-2

NAPOLI

ITALY

BRIEFING STRIP™

LOCATION Elev 294' /90m N40 53.1 E014 17.5	ATIS ATIS 135.975	TOWER NAPOLI GROUND 121.900 ^{(1) (2)} (it, en) NAPOLI TOWER 118.500 ⁽¹⁾ (it, en)
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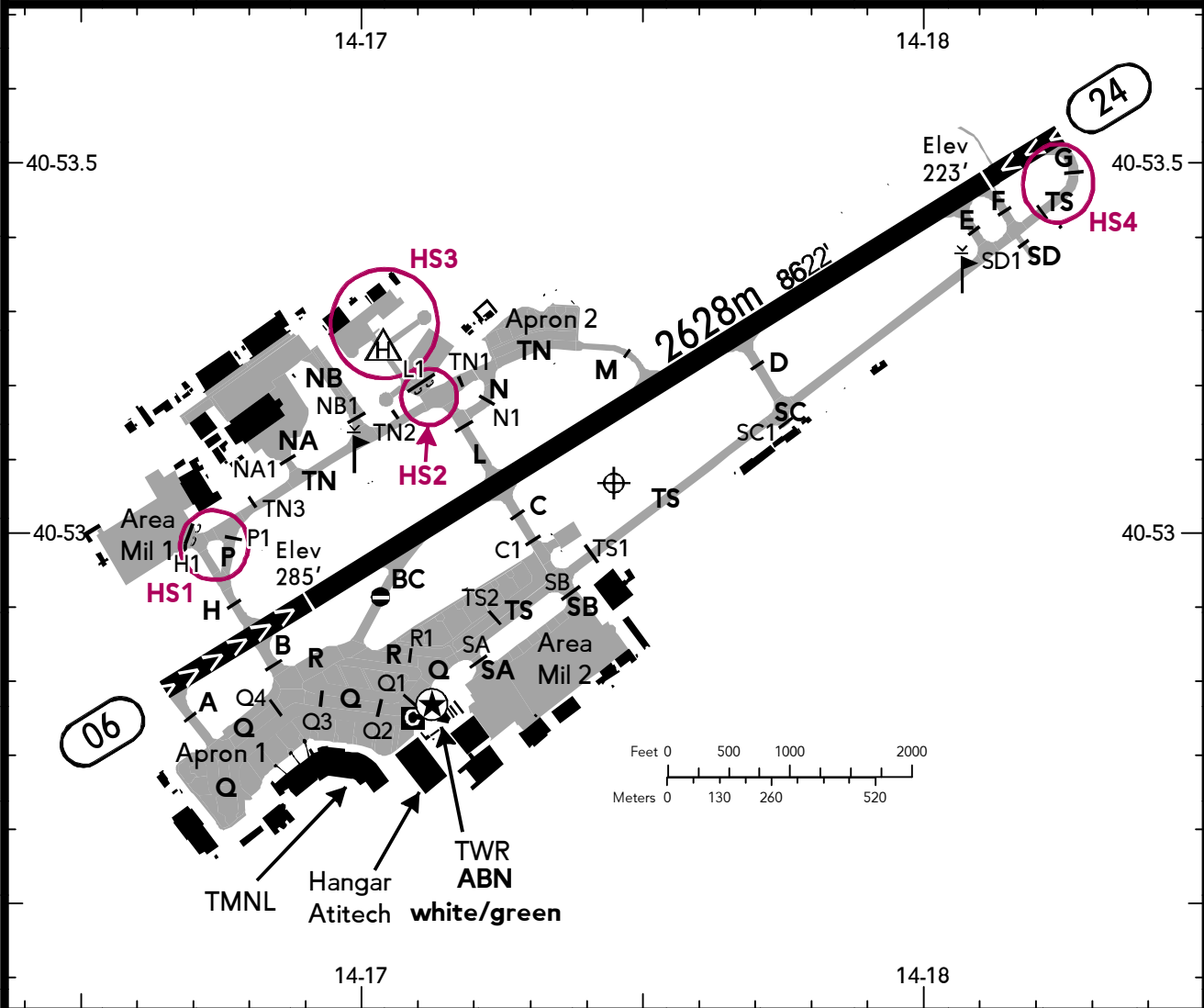
GESAC APRON MANAGEMENT OFFICE **131.675**

ADMITTED AIRCRAFT



⁽¹⁾ VDF

⁽²⁾ Also clearance delivery service.



ABN - ALS - PAPI 06 (3.5°), 24 (3.33°) - THRL - RL - RCLL - TWYL - APRON - WDI - OBSTL.

RWY No	Dimension (m) - Surface	TORA (m)	LDA (m)	Strength	Lights
06 (056°)	2628 x 45 Paved	2628	2229	PCN 90/F/A/W/T	
24 (236°)		2628	2438		

Intersection TKOF

RWY	TWY	TORA (m)
06	H	2368
	B	2367
	C (HEL only)	1649
	L (HEL only)	1649
24	E	2326
	C (HEL only)	979
	L (HEL only)	979

RWY.

Birds in vicinity of AD.

General

Single-engined CIV ACFT TKOF only RWY 06, LDG only RWY 24, except for LDG safety reasons. Traffic subject to this limitations may be subject to ATC delays. The limitations are not applied to State flights, State ACFT and similar.

Pay attention to local school and training flights within traffic circuits.

Overflying of Napoli town prohibited due to noise abatement and safety reasons.

NOTE: Refer to Napoli (LIRN) Area Information.

NOTE: Circling Guidance Light (white flashing every half SEC in SE direction) 1.6 NM before RWY 06, on extended

LIRN

CAPODICHINO

31 MAY 19

19-3

NAPOLI

ITALY

Traffic Circuit

Traffic circuit: RH, on ATC discretion LH.

Arrivals

Arrivals via Entry Points CAPUA (RMN2), SOUTH CASAPESENNA (RNNW1), WEST LAGO PATRIA (RNW1) or TORRE ANNUNZIATA (RNSE2) along routes at 1000' AGL.

Traffic bound to Napoli (Capodichino) AD shall follow the routes:

- from north: CAPUA (RMN2) - CASERTA (RNN3) - AVERSA (RNN4) at 1000' AGL,
- from west: SOUTH CASAPESENNA (RNNW1) - AVERSA (RNN4) at 1000' AGL,
- from south: TORRE ANNUNZIATA (RNSE2) - TORRE DEL GRECO (RNSE3) at 1000' AGL.

Departures

Departing ACFT from RWY 24 shall not start right turn before reaching 1000' AGL.

RWY Incursion Hot Spots

HS1 -

CAUTION: Vehicular road BTN intermediate holding PSN H1 and End of Apron marking.

HS2 -

CAUTION: Vehicular road BTN intermediate holding PSN L1 and End of Apron marking.

HS3 - Possible TKOF and LDG for HELs.

HS4 - RWY holding PSN TS is a CAT I PSN with marking pattern B.

RWY holding PSN G is a visual RWY PSN with marking pattern A.

Apron Regulation

Orderly movement of ACFT on the aprons is provided in cooperation by ATC ENAV S.p.A and the AD operator.

Marshalling is compulsory and is always assured by the reference handler for all ACFT.

Follow-me assistance on apron is provided if requested by pilots or ATC.

Radio Failure on Manoeuvring Area

Arriving ACFT shall vacate the RWY and the ILS sensitive area, via TWY A or H for RWY 24 or via TWY G for RWY 06 and wait on its first segment for arrival of the follow-me car in order to be guided to the stand.

Chart changes since cycle 23-2019

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
NAPLES, (CAPODICHINO - LIRN)				
DEL	AMSOR, IPKAM & TEA 1V, SO...	10-2F	29 Nov 2019	05 Dec 2019
ADD	AMSOR, IPKAM & TEA 1V, SO...	10-2F	29 Nov 2019	05 Dec 2019
REV	PNZ & SOR 1T, TEA 1T & 1U...	10-2G	29 Nov 2019	05 Dec 2019

TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport LIRN

Type: Terminal (VFR)
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

Area chart: EFF 31 JAN 19 LI-P342 estbld at NE corner of MIL firing area with 0.5 NM radius and vertical limits GND/1500' AGL.

Type: Terminal (VFR)
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

Area chart: Laser site San Giovanni a Teduccio estbld 1.8 NM SE from LI-P187, GND/197000'.

Type: Terminal (VFR)
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

Area chart: GRAZZANISE APPROACH 135.250 chgd to 135.255.

Chart Change Notices for Country ITA

Type: Gen Tmnl
Effectivity: Temporary
Begin Date: Immediately
End Date: Until Further Notice

Noise abatement procedure for initial climb to be determined by operator in accordance with ICAO Doc-8168. Disregard respective initial climb info on Italian ABPs and 10-4s; ATC pages 'State Rules and Procedures - Italy' will be updated with Rev 9 Aug.

Type: Gen Tmnl (VFR)
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

ATC clearance for VFR traffic to enter CTA (D) Milano shall be requested only to Milano FIS.

Type: Gen Tmnl (VFR)
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

For all communication facilities referring to APP control service with call sign MILANO RADAR FREQ 132.700 should be read 132.705.

Type: Gen Tmnl (VFR)
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

Milano TMA completely revised.

Type: Gen Tmnl (VFR)
Effectivity: Permanent
Begin Date: Immediately
End Date: No end date

EFF 21 JUN 18 Frequency Monitoring Code (FMC) Area (G) Milano North-West (Squawk 4610, MONITOR) 134.425 estbld N of CTA (D) Milano Piemonte sector 10, W of E009 00.0, E of E007 25.0 till N of Malpensa ATZ and Milano CTA Grand Paradiso sector 17. FMC Area (G) Milano North-East (Squawk 4611, MONITOR 126.300) estbld E of E009 00.0 within Milano FIS Area, N of Piacenza CTR sector 3 and Parma CTR sector 2 till N of Bergamo CTR. FMC Area (G) Milano North (Squawk 4612, MONITOR 126.750) estbld N of FMC area North-West and North-East till Swiss-Italian border. FMC Area (G) Padova Central (Squawk 4777, MONITOR 124.150) estbld in lateral limits of Padova CTAs (D) sector 7, 8, 9 and sector 11 excluding lateral limits of CTRs of Treviso, Venezia, Bologna and Ronchi. FMC Area (G) Alghero/Olbia (Squawk 5137, MONITOR 125.950) estbld within lateral limits of Sardegna CTA (D) Nord Sardegna sector 7. Vertical limit for all areas: GND - lower limit class A/C/D/E.

Type: Gen Tmnl (VFR)

Effectivity: Permanent

Begin Date: Immediately

End Date: No end date

ATC clearance for VFR traffic to enter CTA (D) Padova shall be requested only to Padova FIS.