

GENERAL**Operational Hours**

ATS Hours / AD Hours: H24

Airport Information

RFF: CAT 7; CAT 8/9 O/R 15 days PN
PCN: RWY 12/30: 105/F/A/W/T
 RWY 12: 500-800m / 1640-2624ft 78/F/A/W/T
 RWY 30: 2115-2415m / 6939-7923ft 78/F/A/W/T
 RWY 12: 2550-2750m / 8366-9022ft 85/F/A/W/T
 RWY 30: 165-365m / 541-1198ft 85/F/A/W/T

Operation**Low Visibility Procedure**

LVP in use when general VIS in movement area for RWY 12 and RWY 30 is between 550m and 350m, below TKOF will be cancelled.

LDG not allowed if RVR or VIS is less than 550m.

A movement of only one ACFT at a time will be authorised in the movement area.

Entry/exit stands with follow-me mandatory.

Usually OPS to/from south APN will be cancelled.

ARR

Report RWY vacated.

At APN entry, wait for follow-me and notify TWR when follow-me in sight.

DEP: Do not REQ CLR when RVR or VIS below operational MNM.

TWY Restrictions

TWY N1 and M2 AVBL for ACFT up to code letter C.

TWY Y1, Y-2, R4 APN AVBL up to ACFT code letter B.

TWY W1 (between stand BT5 and fuel pump) AVBL for ACFT code letter A.

TWY W1 (from access to stand 6B to BT5) AVBL for ACFT code letter B.

TWY W2, CARGO RAMP AVBL up to ACFT code letter D.

TWY W3, W4 AVBL up to ACFT code letter E.

TWY W5, W6, W11, W14, W15, W16 AVBL up to ACFT code letter C.

TWY W13 from Gate E to stand 108 AVBL up to ACFT code letter D, and from stand 101 to 107 AVBL up to code letter C.

TWY W13 AVBL only to access stands 101-108.

TWY H5 only allowed from north to south, unless otherwise ATC instructed.

Taxi/Parking

If no taxi instructions have been received after vacating RWY, hold at end of TWY segment before APN entry, expect instructions of TWR or follow-me.

ACFT crossing RWY 30 from H1 to T1 and vice versa, report RWY cleared only when overshoot HLDG PSN T1 or TIRIO.

Taxiing on R4 APN HJ only.

GENERAL**APU**

Use of APU restricted to 2min after on-block and 5min before off-block time.

Exceptions:

- if stand is not equipped with AC power (400Hz) and mobile GPU not AVBL.
- if air condition is required and no ACU AVBL

Warnings

GP RWY 12 unusable: below 2400ft MSL at 10NM DME ILS on sector from 2°- 8° at RCL right side.

CLS VOR/DME unusable:

VOR

R154 at FL70 from 29NM.

R173 at FL70 from 26NM.

DME

R167 at FL70 from 20NM.

Areas not visible from TWR:

- Stand C1 when stand C2 is occupied by another ACFT.
- At south APN, ACFT parked close to stand 108 screens taxiing from Gate E to stands 125, 126, 127 and 151.

ARRIVAL**Speed**

- MAX IAS 250KT at FL100 or below
- IAS 220KT when leaving IAF (CLS or MULAT)
- IAS 180KT when leaving IF or completing final turn
- IAS 160KT when crossing the FAF/FAB. Maintain speed till 4NM from THR.

Communication**COM Failure**

On GND: Hold at first segment of TWY after ILS sensitive area and wait for follow-me.

Arrival Procedure

CDA procedures hours: 2200-0600±.

VFR Traffic Pattern: RWY 12, 30 right-hand circuit.

Arrival Notes**RWY12**

ALTET 1P, ALTET 3D: Subject to LED66 activity.

ARGOR 1K, ARGOR 2J, SAURA 1P, SAURA 3D, SOPET 1P, SOPET 3D: Subject to LED65 activity.

RWY30

ALTET 1K, ALTET 3C: Subject to LED66 activity.

MANDY 1K, MANDY 3C: Subject to LED65 activity.

Non-standard GP intercept position on RWY 30

GP intercepts RWY 30 at 326m / 1069ft after landing threshold.

Remaining LDG DIST beyond GP is 2607m / 8553ft.

Warnings

NDB B: Expect oscillations $\pm 6^\circ$ between IF LOC RWY 30 and D3 VLC.

DEPARTURE**Take-off Minima**

RWY		12/30	
All ACFT	ft - m/km	0 - 350R/350V	-

Speed

MAX IAS 250KT at FL100 or below.

Communication**COM Failure**

On GND: Continue by assigned route to its CLR limit taking extreme caution to avoid detours. ACFT remain at this point and wait for follow-me in order to be guided back to stands.

Departure Procedure**Start-up/Push-back**

REQ start-up to GND, report stand PSN. ACFT must be ready to push-back within 5min after approved ENG start-up.

When ACFT is ready to be pushed back and/or for taxiing, REQ CLR on TWR. Advise "ready to push-back" only when ready to start the manoeuvre before the next 30sec.

Push-back/towing maneuvers for all exiting ACFT at stands 1-6, 6B, 22-24, 41-44.

Operation for ACFT code letter E or F / B747-800 or A124**Taxi/Parking**

Taxi with external ENG in idle regime.

In the curved section of TWY N3 to H7, S3 to T3, S1 to T1, from RWY to T1, from Gate B or Gate C to APN use oversteering maneuver.

At night or when LVP are in force, ACFT must be guided by follow-me from/to RWY holding PSN.

Standard Taxi Routes**ARR**

- RWY 30: Vacate RWY via TWY H9, taxi along N4, N3, N2 up to Gate B or C to access into APN.
- RWY 12: Vacate RWY via TWY T1, taxi along S1, S2, S3, T3 and H7, N3, N2 up to Gate B or C to access into APN.

DEP

- RWY 30: Leave APN via Gate B or C up to N2, taxi along N2, N3, H7, T3, S3, S2, S1, T1 up to THR 30.
- RWY 12: Leave APN via Gate B or C up to N2, taxi along N2, N3, N4 and access RWY via H9 up to THR 12.

Caution

PAPI not suitable.

19-APR-2018

VLC-LEVC

2-10

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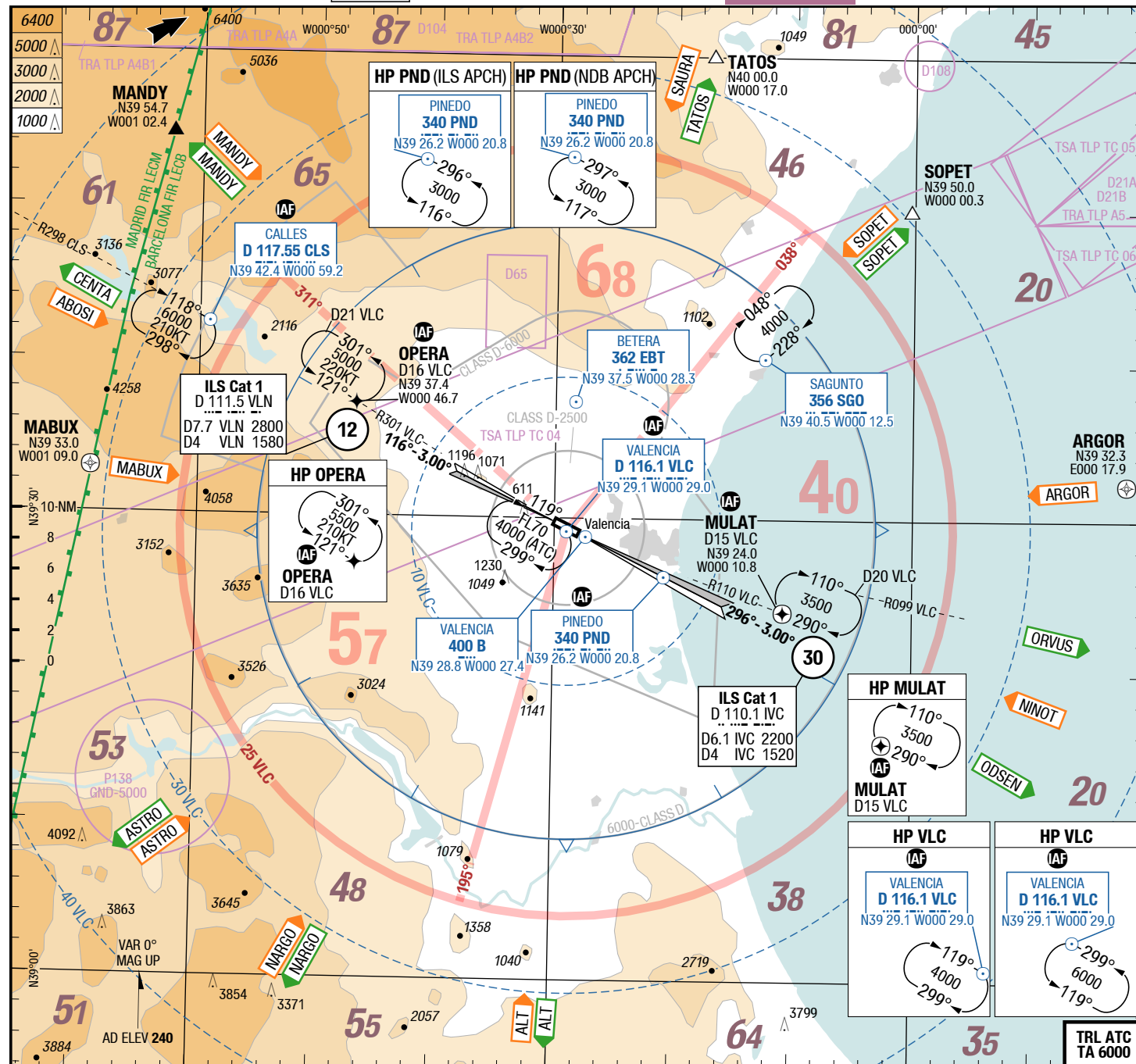
AGC
AFC

AFC

AFC

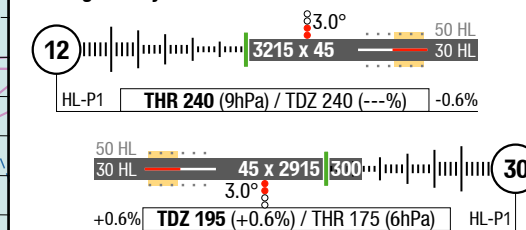
Manises Valencia Spain

AGC
AFC



ATIS 121.075
APP 120.100 119.075
124.750
TWR 118.550 125.475
GND 121.875
DLV 123.575

Landing RWY system:



Changes: Nil

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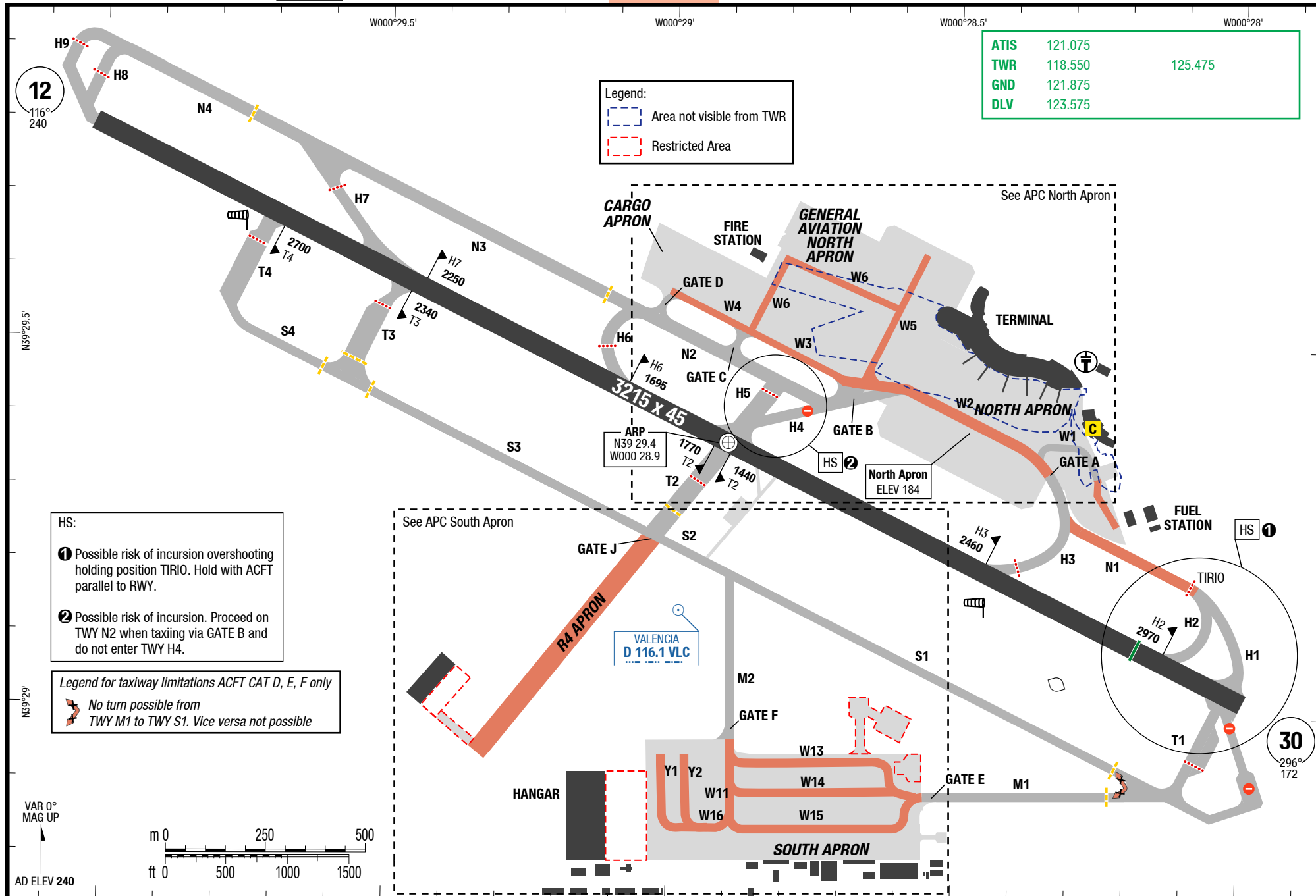
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AGC

ATIS	121.075	
TWR	118.550	125.475
GND	121.875	
DLV	123.575	



Changes: Note, Editorial

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13-SEP-2018/UFIN

13-SEP-2018

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Tempo WIP SUP 113/18 Phase 2

3-21

Tempo WIP SUP 113/18 Phase 1

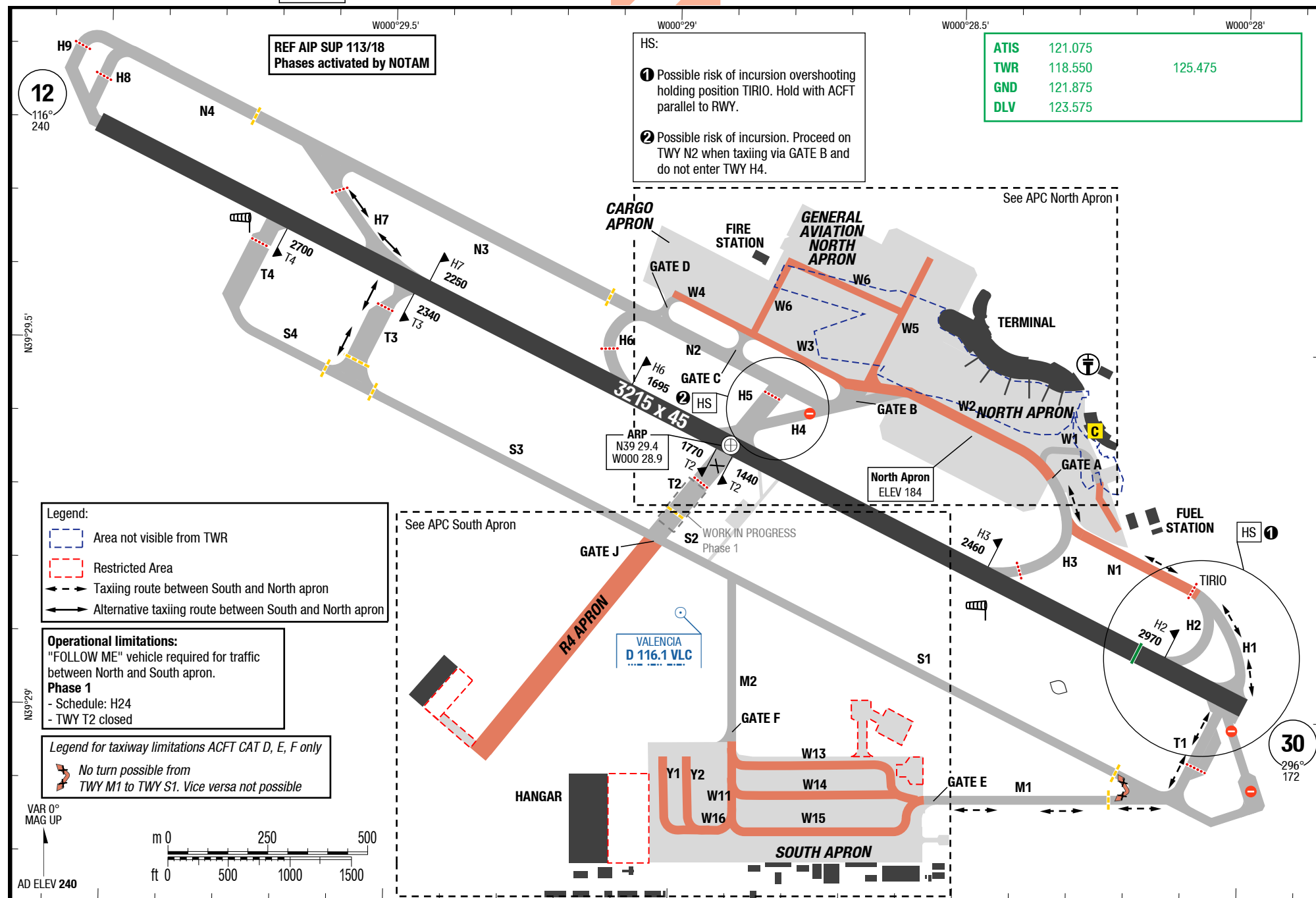
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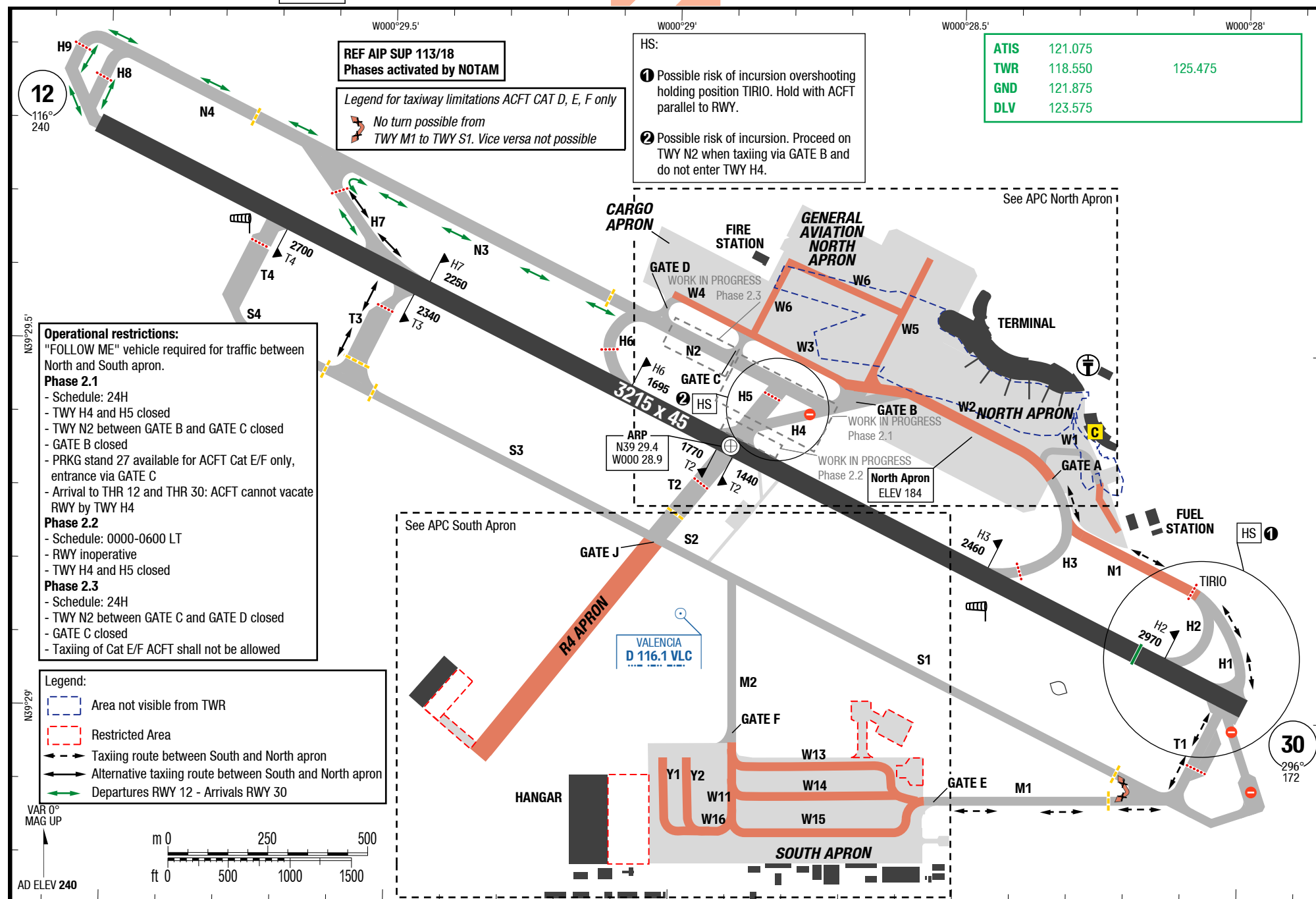
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Tempo WIP SUP 113/18 Phase 2

Tempo WIP SUP 113/18 Phase 1



Changes: chart title, Note



13-SEP-2018/UFN

13-SEP-2018

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Tempo WIP SUP 113/18 Phase 5, 6

3-23

Tempo WIP SUP 113/18 Phase 3, 4

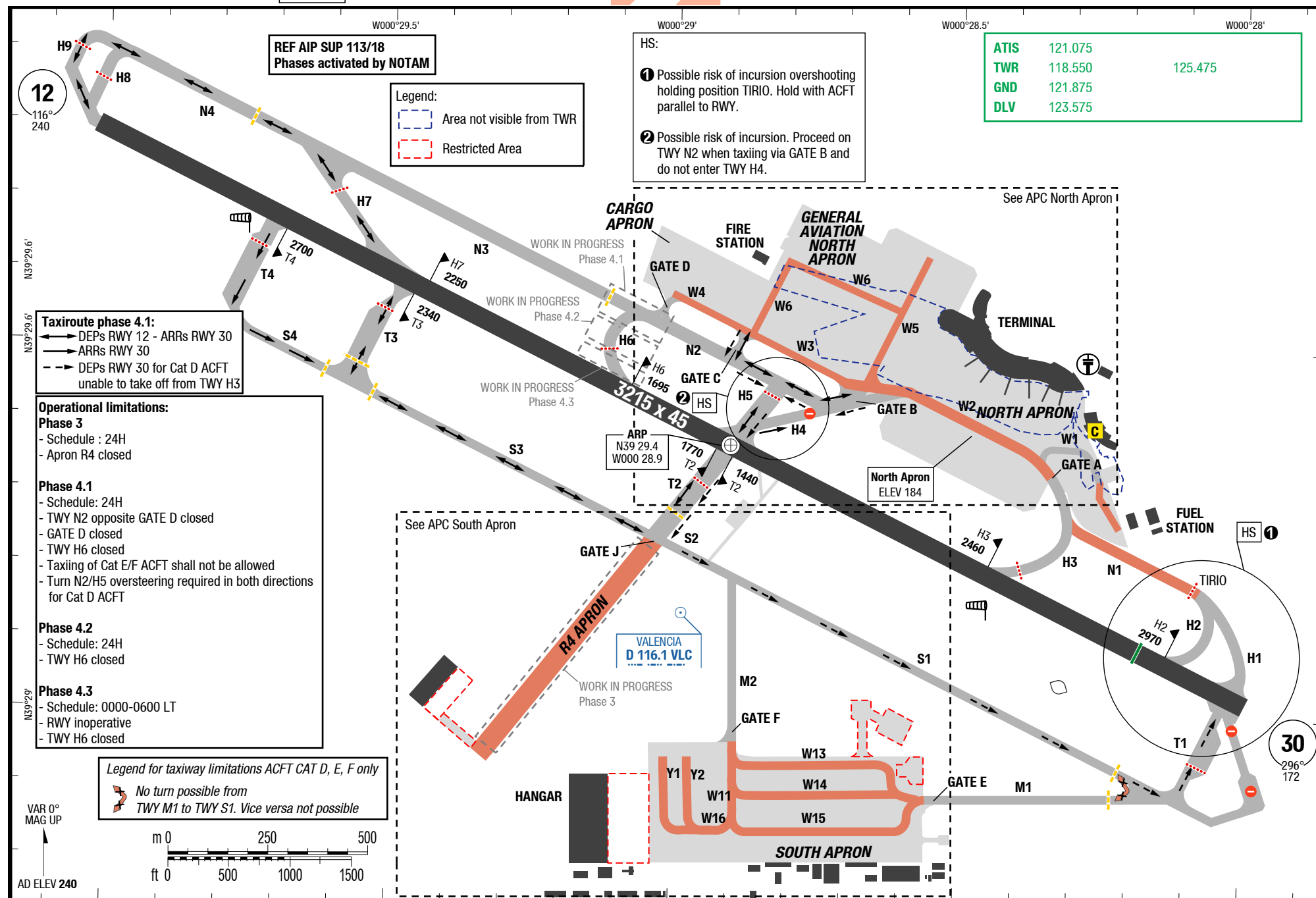
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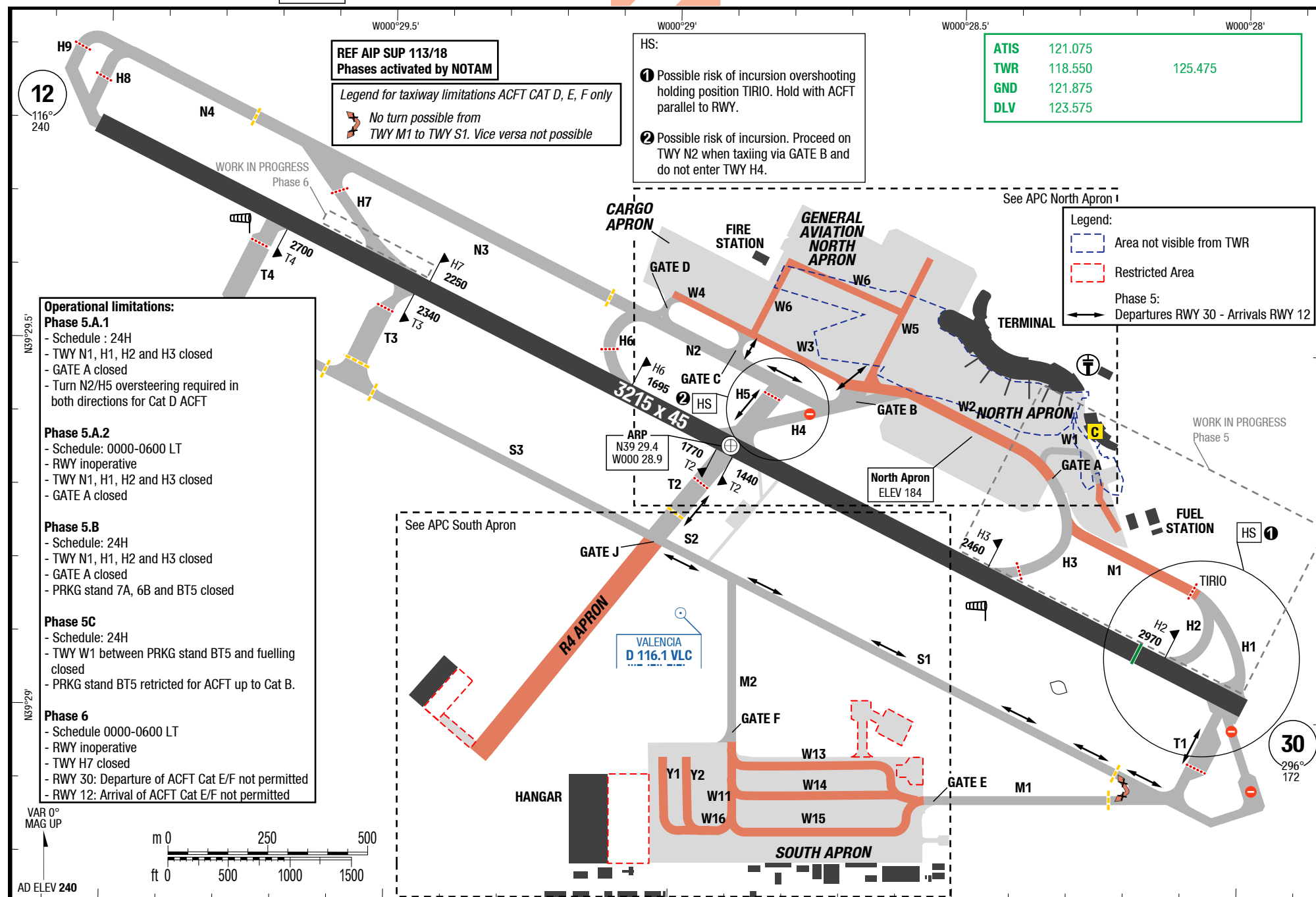
Manises **Valencia** Spain

Tempo WIP SUP 113/18 Phase 5, 6

Tempo WIP SUP 113/18 Phase 3, 4



Changes: chart title, Taxi PROC, Note



09-NOV-2017
VLC-LEVC

3-30

Spain **Valencia** Manises

APC South Apron

APC North Apron

APC

APC

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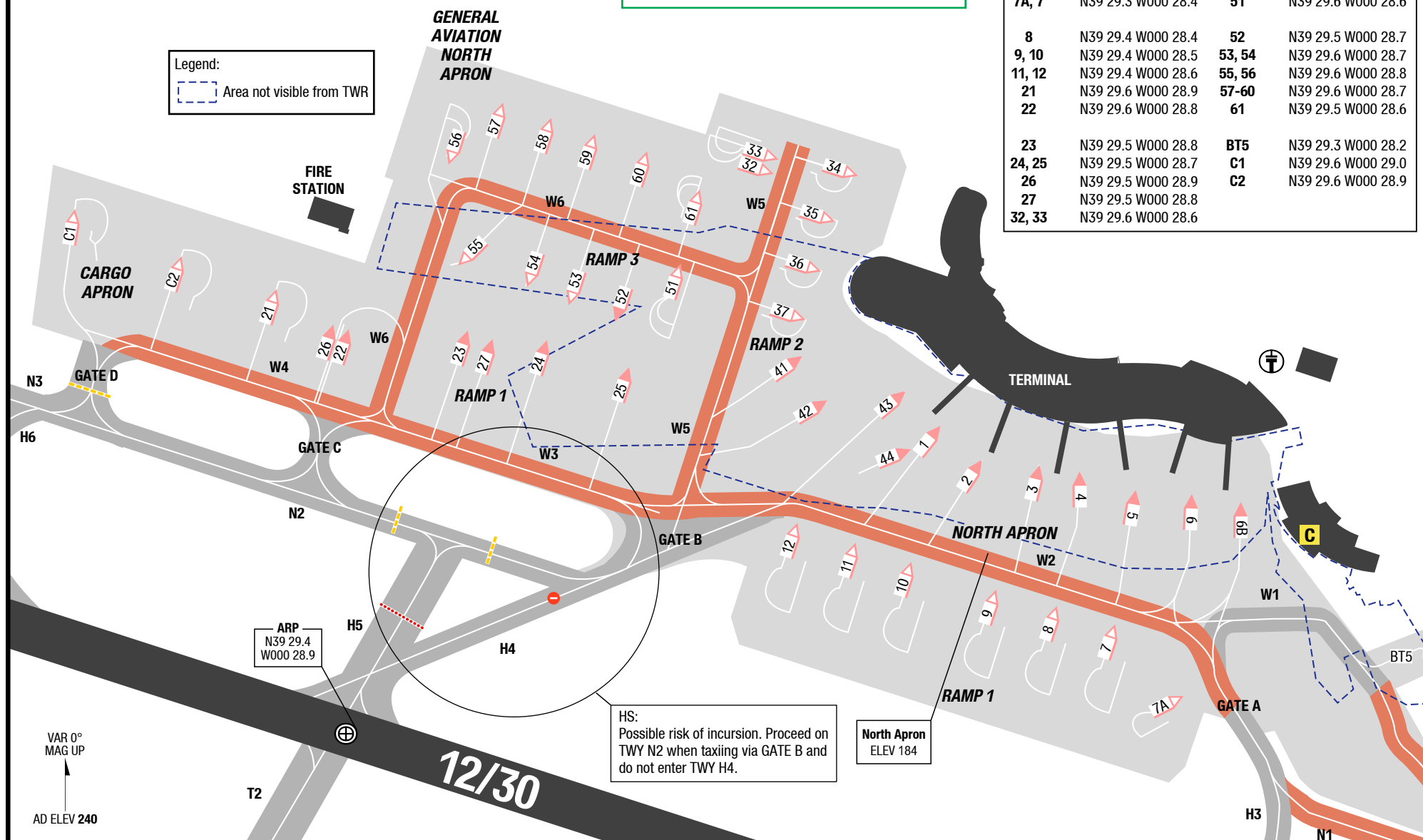
APC South Apron

APC North Apron

Not to scale

ATIS	121.075	
TWR	118.550	125.475
GND	121.875	
DLV	123.575	

COORDINATES			
1	N39 29.5 W000 28.5	34, 35	N39 29.6 W000 28.5
2	N39 29.4 W000 28.5	36	N39 29.5 W000 28.5
3-5	N39 29.4 W000 28.4	37-42	N39 29.5 W000 28.6
6, 6B	N39 29.4 W000 28.3	43, 44	N39 29.5 W000 28.5
7A, 7	N39 29.3 W000 28.4	51	N39 29.6 W000 28.6
8	N39 29.4 W000 28.4	52	N39 29.5 W000 28.7
9, 10	N39 29.4 W000 28.5	53, 54	N39 29.6 W000 28.7
11, 12	N39 29.4 W000 28.6	55, 56	N39 29.6 W000 28.8
21	N39 29.6 W000 28.9	57-60	N39 29.6 W000 28.7
22	N39 29.6 W000 28.8	61	N39 29.5 W000 28.6
23	N39 29.5 W000 28.8	BT5	N39 29.3 W000 28.2
24, 25	N39 29.5 W000 28.7	C1	N39 29.6 W000 29.0
26	N39 29.5 W000 28.9	C2	N39 29.6 W000 28.9
27	N39 29.5 W000 28.8		
32, 33	N39 29.6 W000 28.6		



Changes: TWY H4

09-NOV-2017
VLC-LEVC

3-40

Spain **Valencia** Manises
APC South Apron

APC

APC

Manises **Valencia** Spain
APC South Apron

Not to scale

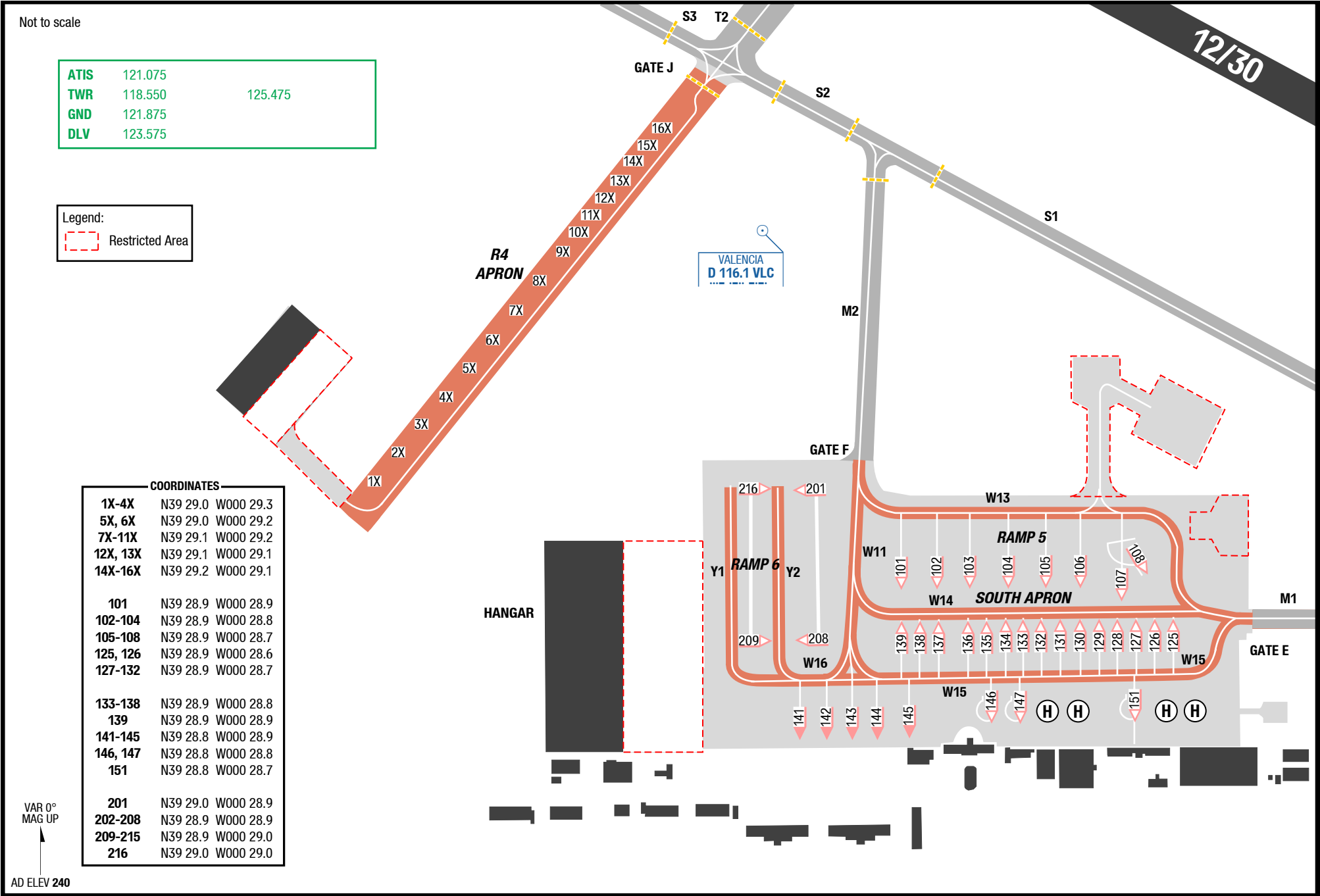
ATIS	121.075	
TWR	118.550	125.475
GND	121.875	
DLV	123.575	

Legend:
Restricted Area

COORDINATES		
1X-4X	N39 29.0	W000 29.3
5X, 6X	N39 29.0	W000 29.2
7X-11X	N39 29.1	W000 29.2
12X, 13X	N39 29.1	W000 29.1
14X-16X	N39 29.2	W000 29.1
101	N39 28.9	W000 28.9
102-104	N39 28.9	W000 28.8
105-108	N39 28.9	W000 28.7
125, 126	N39 28.9	W000 28.6
127-132	N39 28.9	W000 28.7
133-138	N39 28.9	W000 28.8
139	N39 28.9	W000 28.9
141-145	N39 28.8	W000 28.9
146, 147	N39 28.8	W000 28.8
151	N39 28.8	W000 28.7
201	N39 29.0	W000 28.9
202-208	N39 28.9	W000 28.9
209-215	N39 28.9	W000 29.0
216	N39 29.0	W000 29.0

VAR 0°
MAG UP
AD ELEV 240

Changes: Nil



19-APR-2018
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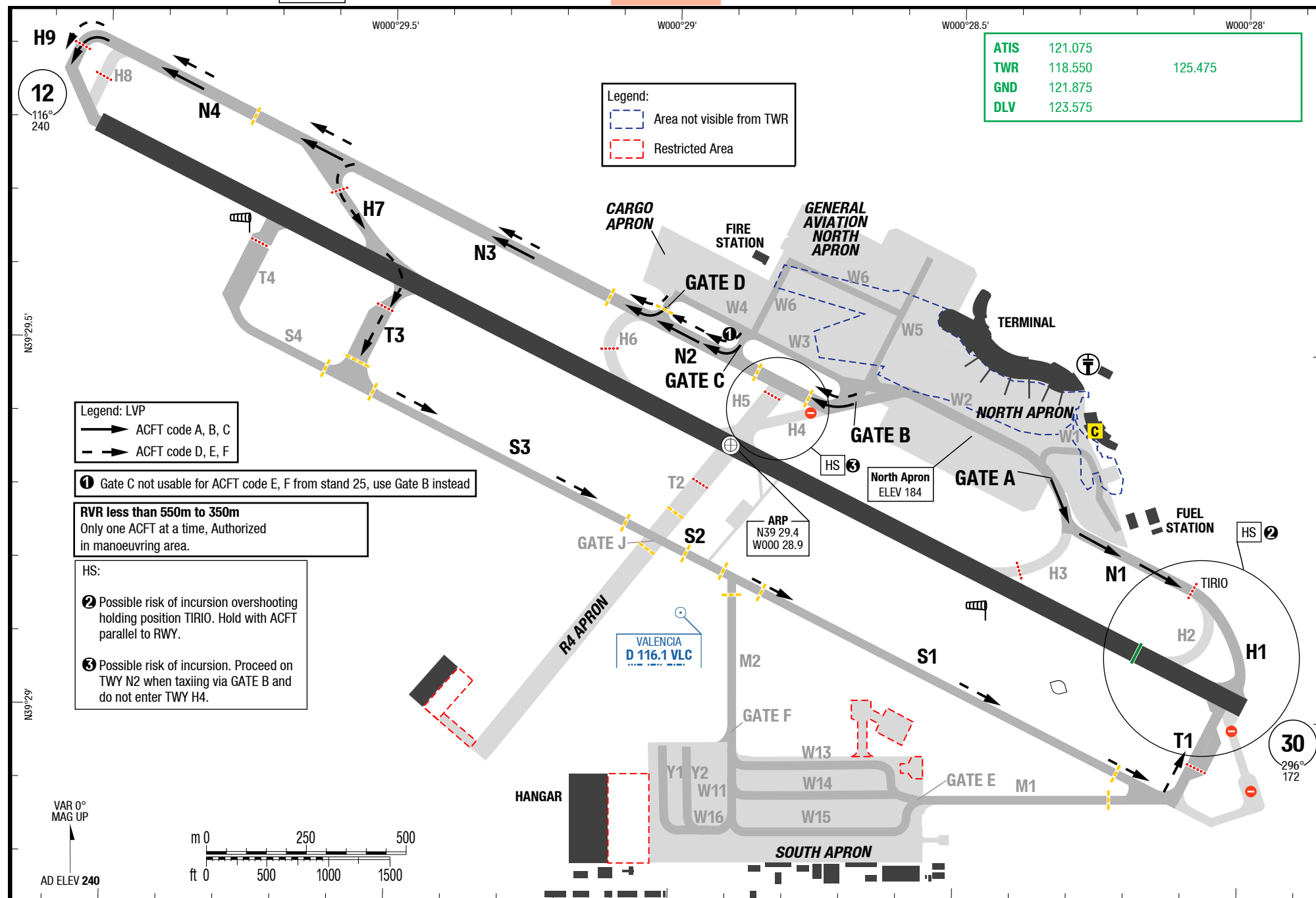
Spain **Valencia** Manises
Departure LVC

LVC

LVC

Manises **Valencia** Spain
Departure LVC

3-50



Changes: Note, Editorial

19-APR-2018
VLC-LEVC

Spain **Valencia** Manises

NIL

3-70

AGC Code E / F ACFT only

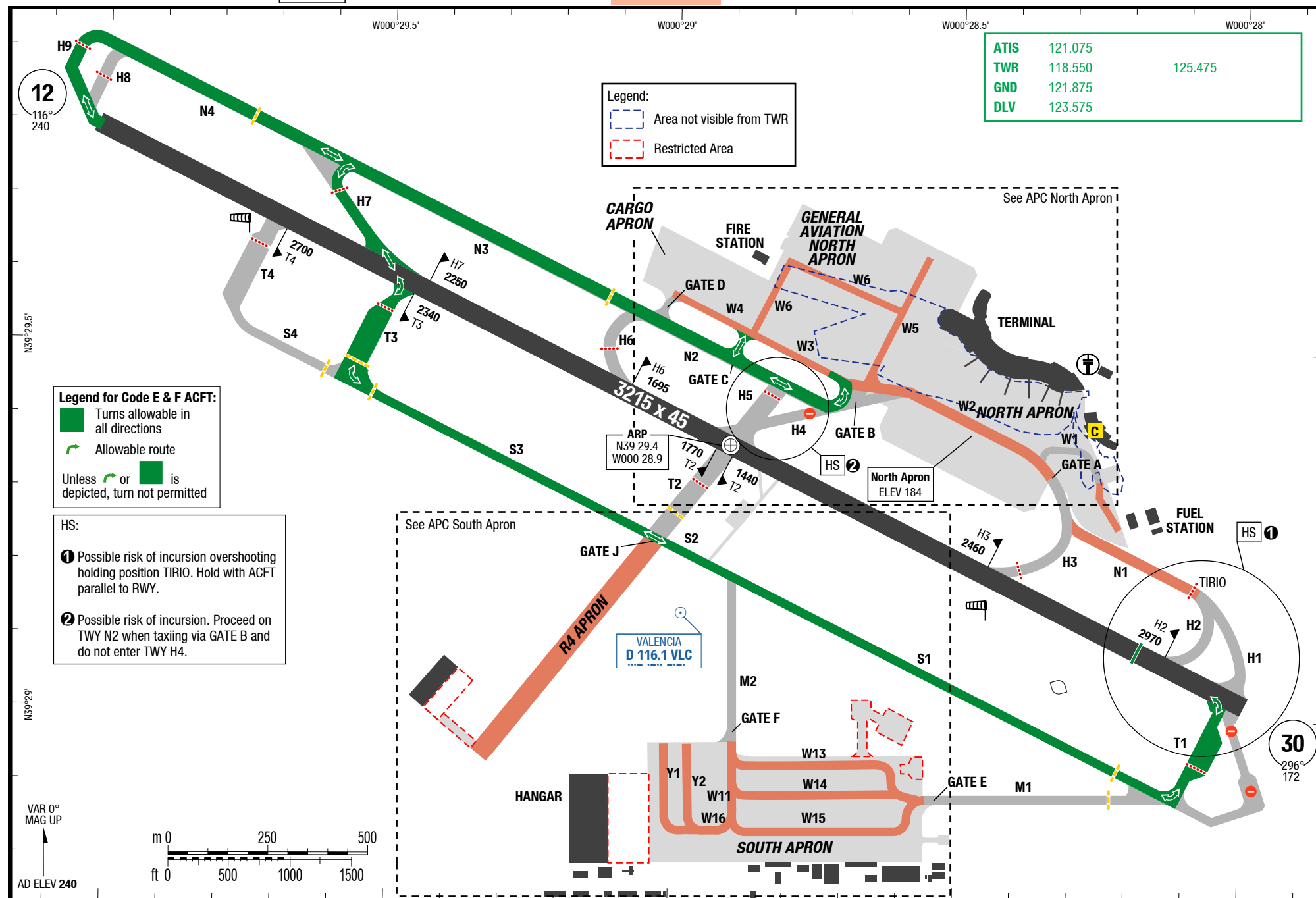
AGC

AGC

Manises **Valencia** Spain

NIL

AGC Code E / F ACFT only



Changes: Note, Editorial

VLC-LEVC

SIDs/RNAV SIDs RWY 30

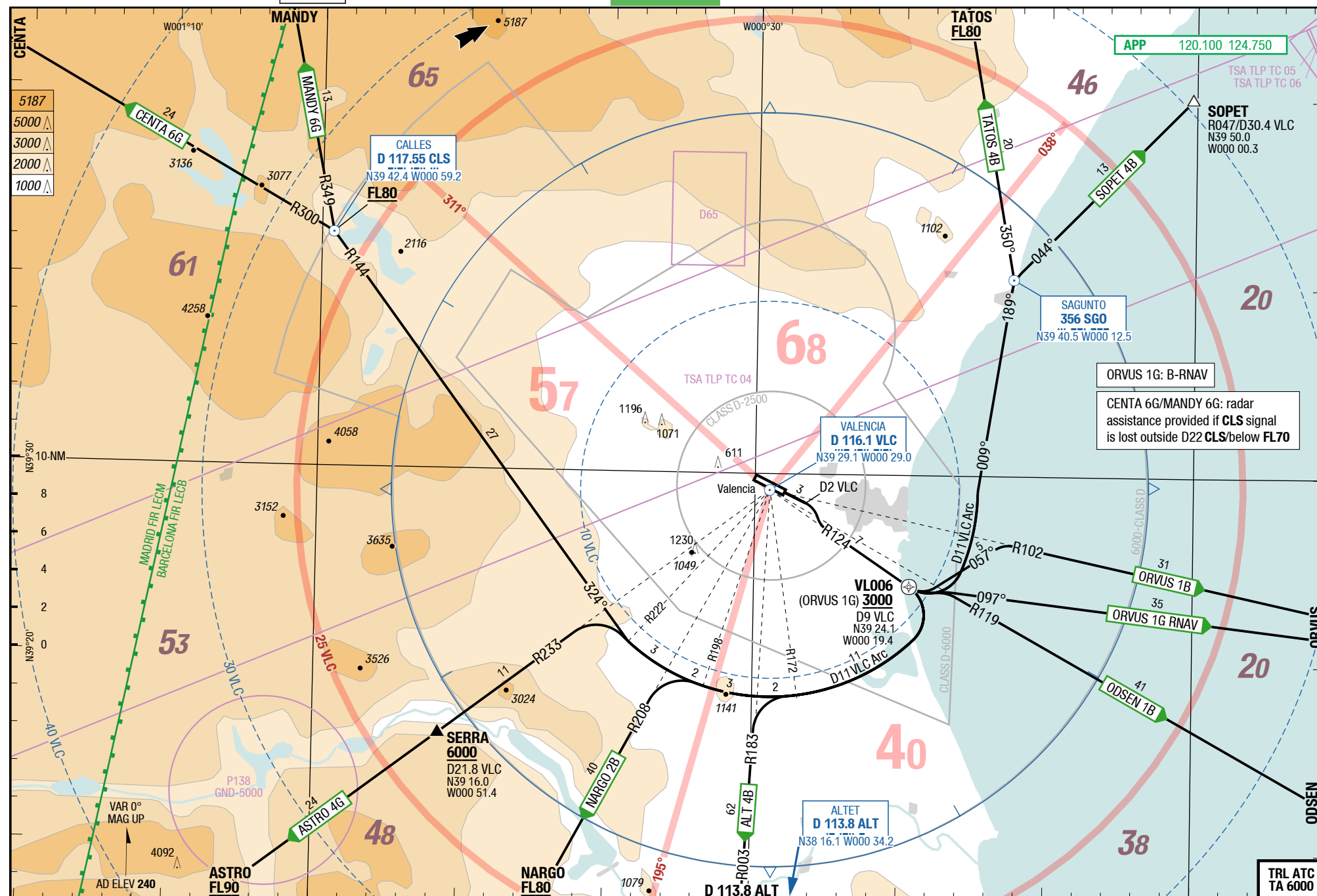
SIDs/RNAV SID RWY 12

SID

SID

SIDs/RNAV SIDs RWY 30

SIDs/RNAV SID RWY 12



Changes: OBST, SUAs

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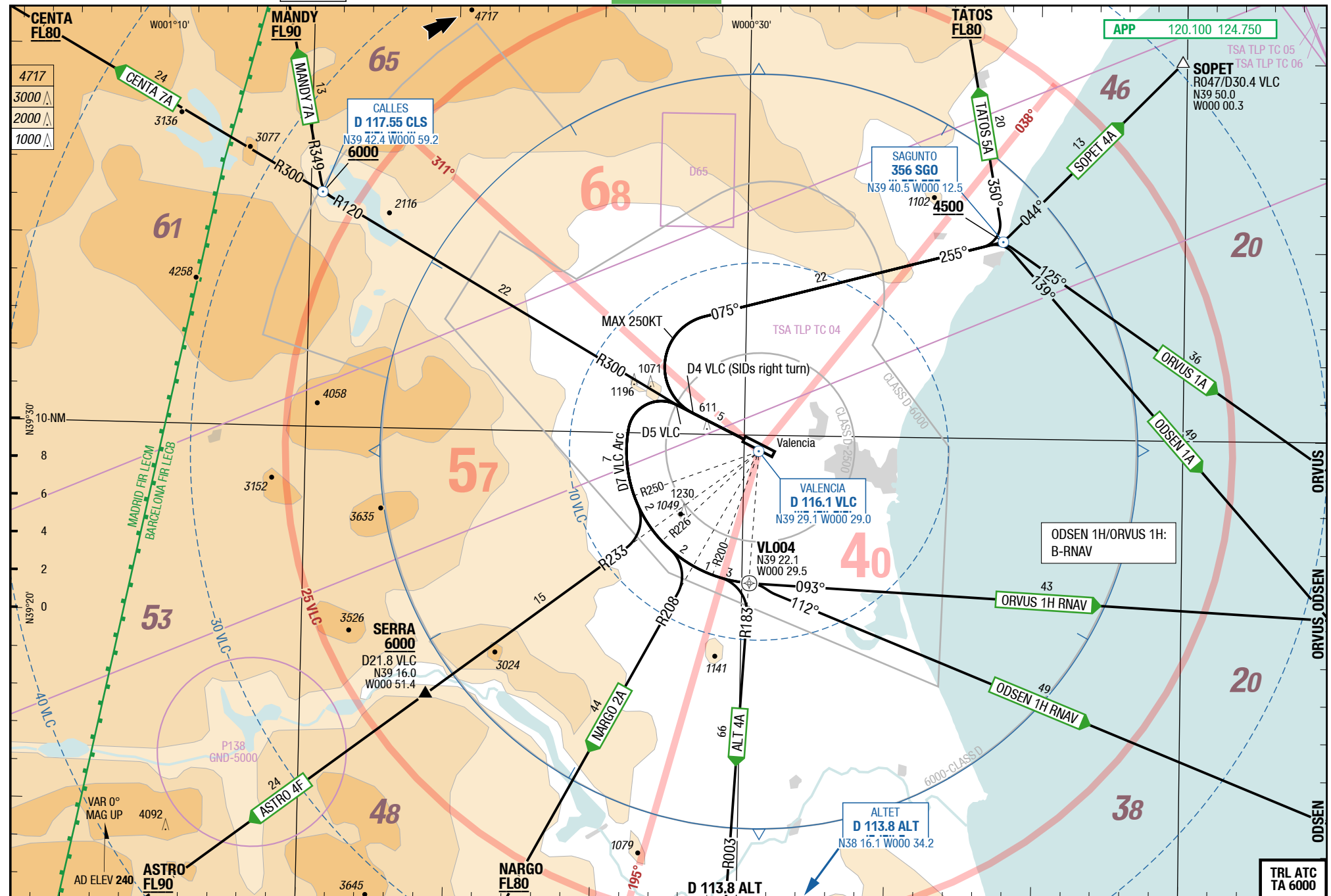
VLC-LEVC

SIDs/RNAV SIDs RWY 30

SID

SID

SIDs/RNAV SIDs RWY 30



Changes: OBST, SUAs

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23-MAR-2017

VLC-LEVC

5-10

SIDs/RNAV SID RWY 12

SIDPT

ALTET 4B / ASTRO 4G / CENTA 6G / CONTINGENCY DEP / MANDY 6G / NARGO 2B / ODSEN 1B / ORVUS 1B

RWY 12 (116°)

	GS	120	150	180	210	240	270
5.5%	ft/MIN	700	900	1100	1200	1400	1600

DESIGNATOR	ROUTING	ALTITUDES
	Runway 12	
ALTET 4B ALT 4B 5.5% to 2000 120.100 ①	at D2 VLC RT intercept R124 VLC - at D9 VLC RT follow D11 VLC arc - crossing R172 VLC LT intercept R183 VLC to ALT	
ASTRO 4G 5.5% to 2000 120.100 ①	at D2 VLC RT intercept R124 VLC - at D9 VLC RT follow D11 VLC arc - crossing R222 VLC LT intercept R233 VLC to SERRA - ASTRO	SERRA MNM 6000 ASTRO MNM FL90
CENTA 6G 5.5% to 2000 120.100 ①	at D2 VLC RT intercept R124 VLC - at D9 VLC RT follow D11 VLC arc - intercept R144 CLS to CLS - R300 CLS to CENTA	CLS MNM FL80
CONTINGENCY DEP 5.5% 120.100 ①	at 3000 turn following ATC instructions	
MANDY 6G 5.5% to 2000 120.100 ①	at D2 VLC RT intercept R124 VLC - at D9 VLC RT follow D11 VLC arc - intercept R144 CLS to CLS - R349 CLS to MANDY	CLS MNM FL80
NARGO 2B 5.5% to 2000 120.100 ①	at D2 VLC RT intercept R124 VLC - at D9 VLC RT follow D11 VLC arc - crossing R198 VLC LT intercept R208 VLC to NARGO	NARGO MNM FL80
ODSEN 1B 5.5% to 2000 120.100 ①	at D2 VLC RT intercept R124 VLC - at D9 VLC LT intercept R119 VLC to ODSEN	
ORVUS 1B 5.5% to 2000 120.100 ①	at D2 VLC RT intercept R124 VLC - at D9 VLC LT 057° - intercept R102 VLC to ORVUS	

① Close-in obstacles: lamppost 205ft MSL, lamppost 44ft AGL/205ft MSL, lamppost 206ft MSL, lamppost 44ft AGL/206ft MSL, tree 43ft AGL/205ft MSL.

Changes: Note

ORVUS 1G RNAV / SOPET 4B / TATOS 4B

RWY 12 (116°)

	GS	120	150	180	210	240	270
5.5%	ft/MIN	700	900	1100	1200	1400	1600
6.0%	ft/MIN	800	1000	1100	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 12	
ORVUS 1G RNAV 6.0% to 3000 120.100 ①	at D2 VLC RT intercept R124 VLC to VL006 - ORVUS	VL006 MNM 3000
SOPET 4B 5.5% to 2000 120.100 ①	at D2 VLC RT intercept R124 VLC - at D9 VLC LT follow D11 VLC arc - intercept QDM 009 SGO to SGO - QDR 044 SGO to SOPET	
TATOS 4B 5.5% to 2000 120.100 ①	at D2 VLC RT intercept R124 VLC - at D9 VLC LT follow D11 VLC arc - intercept QDM 009 SGO to SGO - QDR 350 SGO to TATOS	TATOS MNM FL80

① Close-in obstacles: lamppost 205ft MSL, lamppost 44ft AGL/205ft MSL, lamppost 206ft MSL, lamppost 44ft AGL/206ft MSL, tree 43ft AGL/205ft MSL.

23-MAR-2017

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5-30

SIDs/RNAV SIDs RWY 30

SIDPT

ALTET 4A / ASTRO 4F / CENTA 7A / CONTINGENCY DEP / MANDY 7A / NARGO 2A / ODSEN 1A / ODSEN 1H RNAV

RWY 30 (296°)

	GS	120	150	180	210	240	270
5.5%	ft/MIN	700	900	1100	1200	1400	1600
6.5%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
	Runway 30	
ALTET 4A ALT 4A 5.5% to 2000 120.100 ①	at D5 VLC LT follow D7 VLC arc - crossing R200 VLC RT intercept R183 VLC to ALT	
ASTRO 4F 5.5% to 6000 120.100 ①	at D5 VLC LT follow D7 VLC arc - crossing R250 VLC RT intercept R233 VLC to SERRA - ASTRO	SERRA MNM 6000 ASTRO MNM FL90
CENTA 7A 5.5% to 6000 120.100 ①	at D5 VLC RT intercept R300 VLC to CLS - R300 CLS to CENTA	CLS MNM 6000 CENTA MNM FL80
CONTINGENCY DEP 6.5% 120.100 ①	at 3000 turn following ATC instructions	
MANDY 7A 5.5% to FL90 120.100 ①	at D5 VLC RT intercept R300 VLC to CLS - R349 CLS to MANDY	CLS MNM 6000 MANDY MNM FL90
NARGO 2A 5.5% to 2000 120.100 ①	at D5 VLC LT follow D7 VLC arc - crossing R226 VLC RT intercept R208 VLC to NARGO	NARGO MNM FL80
ODSEN 1A 5.5% to 2000 120.100 ①	at D4 VLC RT (MAX 250KT) intercept QDM 075 SGO to SGO - QDR 139 SGO to ODSEN	SGO MNM 4500
ODSEN 1H RNAV 5.5% to 2000 120.100 ①	at D5 VLC LT follow D7 VLC arc to VL004 - ODSEN	

① Close-in obstacles: tree 52ft AGL/298ft MSL, tree 65ft AGL/334ft MSL.

Changes: Note

23-MAR-2017

VLC-LEVC

5-40

SIDs/RNAV SIDs RWY 30

SIDPT

ORVUS 1A / ORVUS 1H RNAV / SOPET 4A / TATOS 5A

RWY 30 (296°)

	GS	120	150	180	210	240	270
5.5%	ft/MIN	700	900	1100	1200	1400	1600

DESIGNATOR	ROUTING	ALTITUDES
	Runway 30	
ORVUS 1A 5.5% to 2000 120.100 ①	at D4 VLC RT (MAX 250KT) intercept QDM 075 SGO to SGO - QDR 125 SGO to ORVUS	SGO MNM 4500
ORVUS 1H RNAV 5.5% to 2000 120.100 ①	at D5 VLC LT follow D7 VLC arc to VL004 - ORVUS	
SOPET 4A 5.5% to 2000 120.100 ①	at D4 VLC RT (MAX 250KT) intercept QDM 075 SGO to SGO - QDR 044 SGO to SOPET	SGO MNM 4500
TATOS 5A 5.5% to 2000 120.100 ①	at D4 VLC RT (MAX 250KT) intercept QDM 075 SGO to SGO - QDR 350 SGO to TATOS	SGO MNM 4500 TATOS MNM FL80

① Close-in obstacles: tree 52ft AGL/298ft MSL, tree 65ft AGL/334ft MSL.

Effective 01-FEB-2018

25-JAN-2018

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STARs/RNAV STARs RWY 12 (CDA)(ATC)

6-10

STARs/RNAV STARs RWY 12

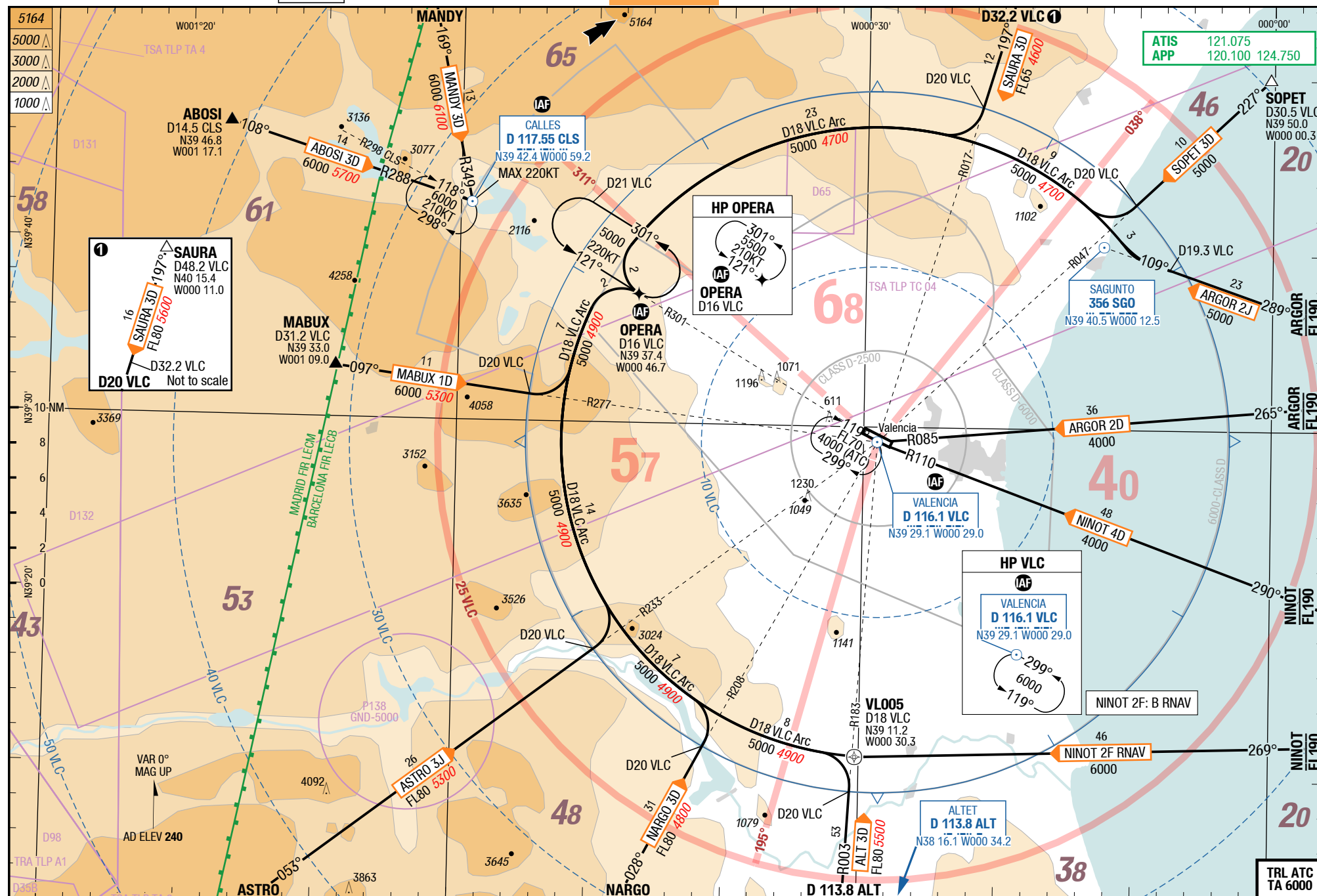
STAR

STAR

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STARs/RNAV STARs RWY 12 (CDA)(ATC)

STARs/RNAV STARs RWY 12



Changes: OBST, HLDG, SUAS

VLC-LEVC

STAR

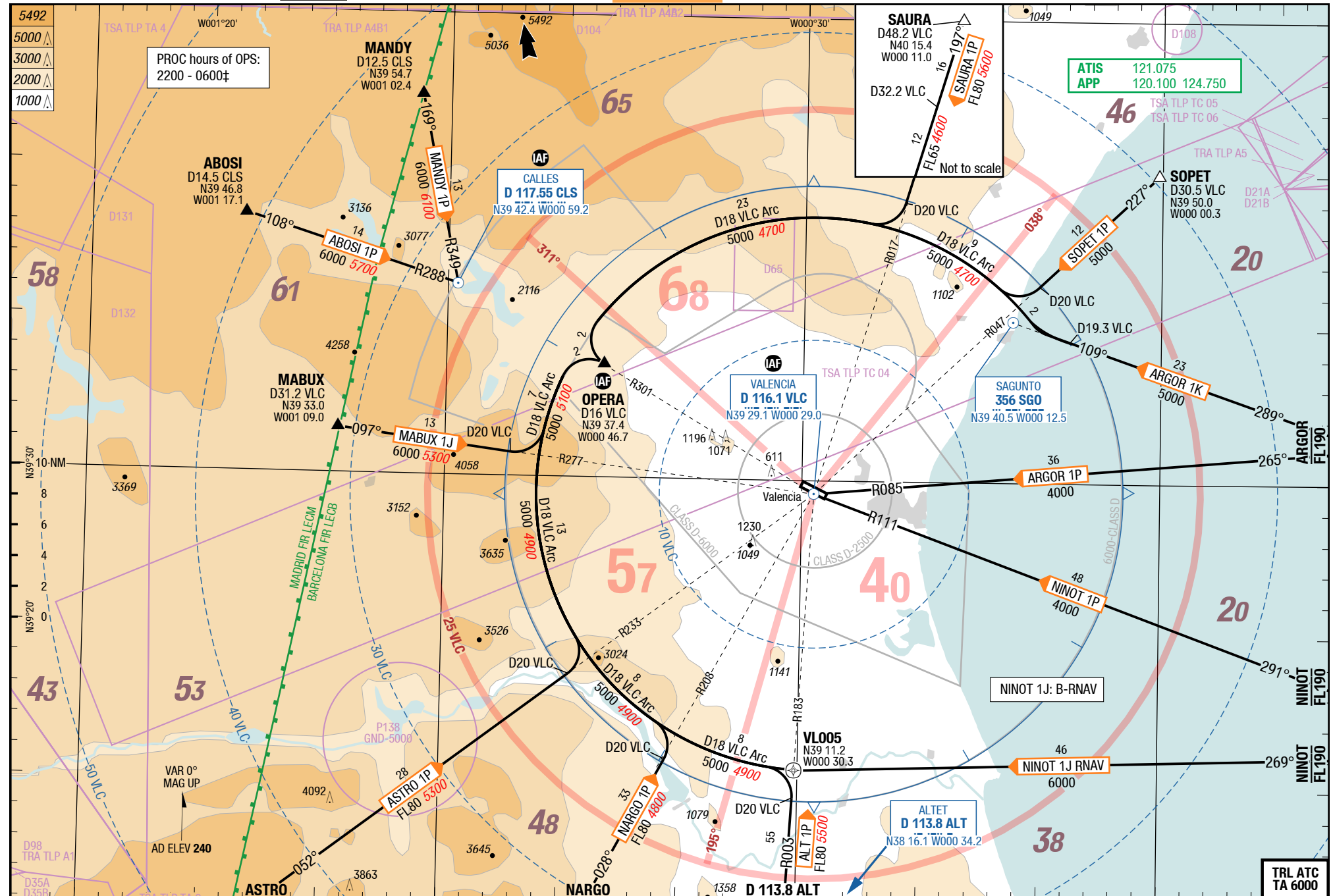
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STARs/RNAV STARs RWY 12 (CDA)(ATC)

6-20

STARs/RNAV STARs RWY 12 (CDA)(ATC)

STARs/RNAV STARs RWY 12 (CDA)(ATC)



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VLC-LEVC

Spain **Valencia** Manises

STARs/RNAV STARs RWY 30 (CDA)(ATC) >

6-30

STARs/RNAV STARs RWY 30

STAR

STAR

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STARs/RNAV STARs RWY 30 (CDA)(ATC)

STARs/RNAV STARs RWY 30



Changes: OBST, HLDG, SUAs

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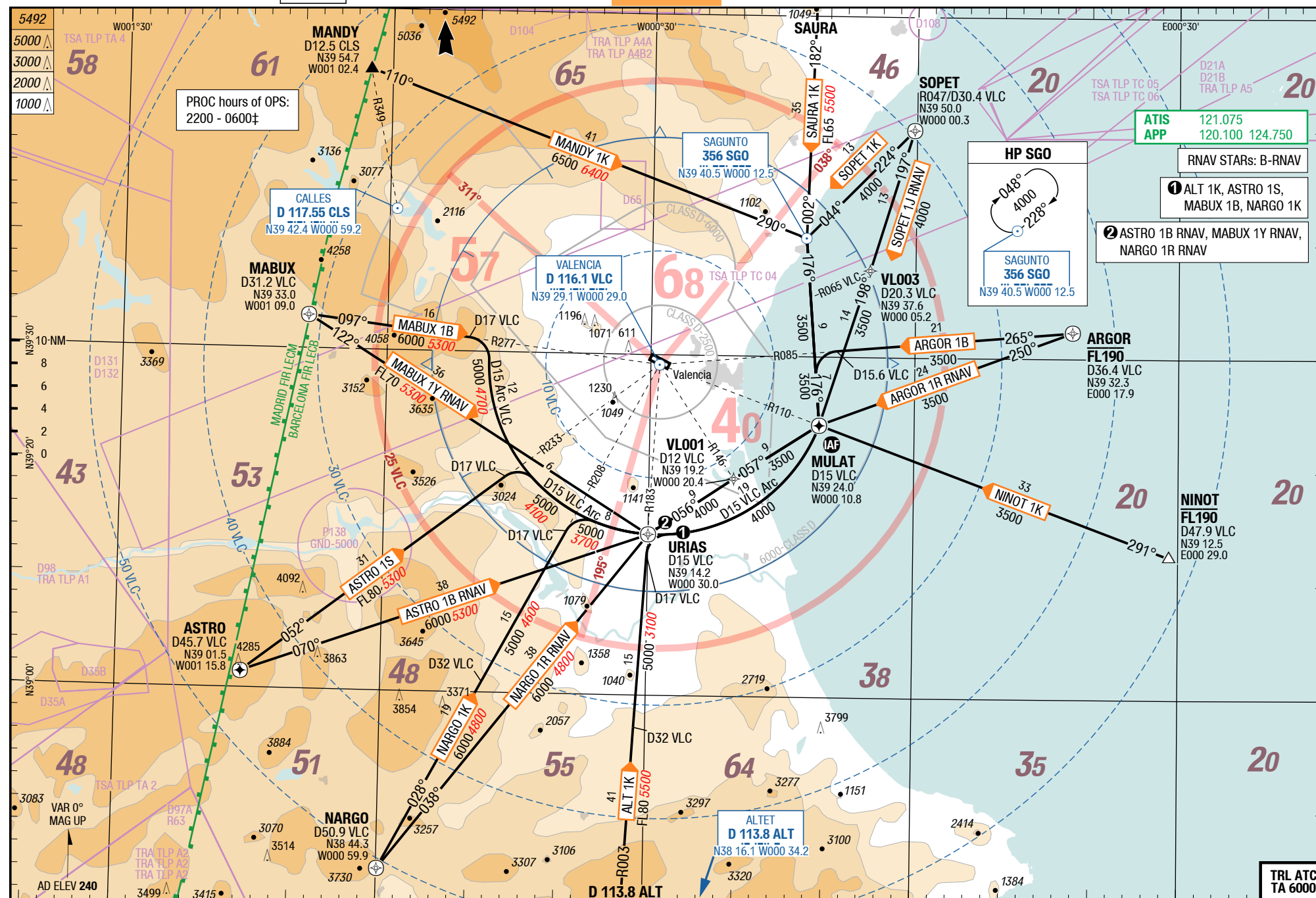
6-40 STARs/RNAV STARs RWY 30 (CDA)(ATC)

STAR

STAR

Manises **Valencia** Spain

STARs/RNAV STARs RWY 30 (CDA)(ATC)



Changes: OBST, SUAs

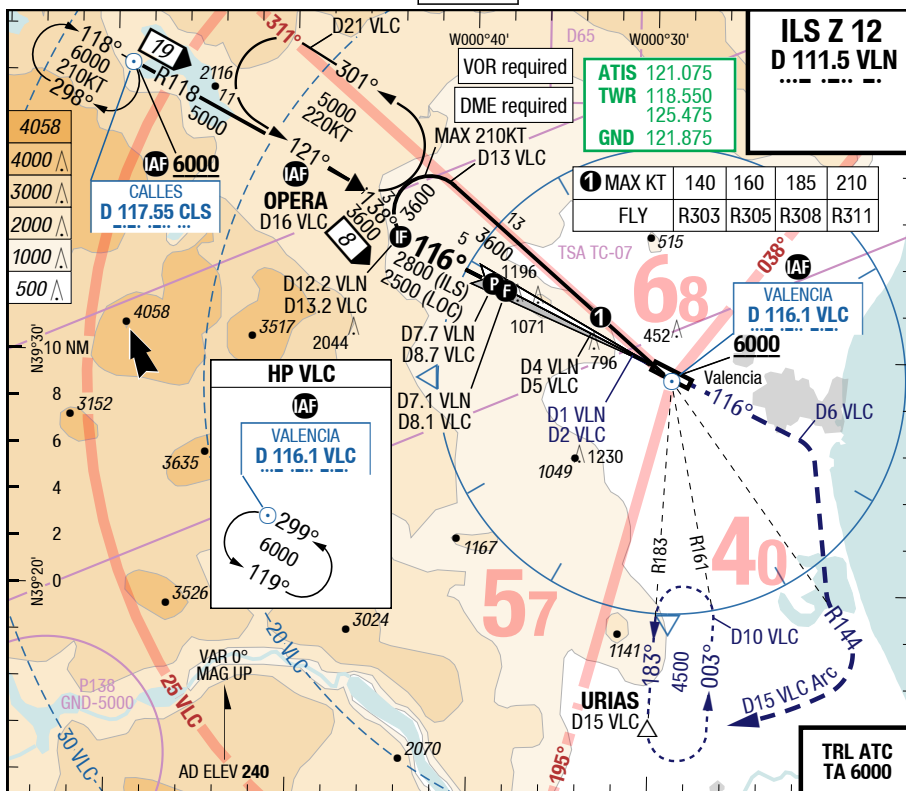
TRL ATC
TA 6000

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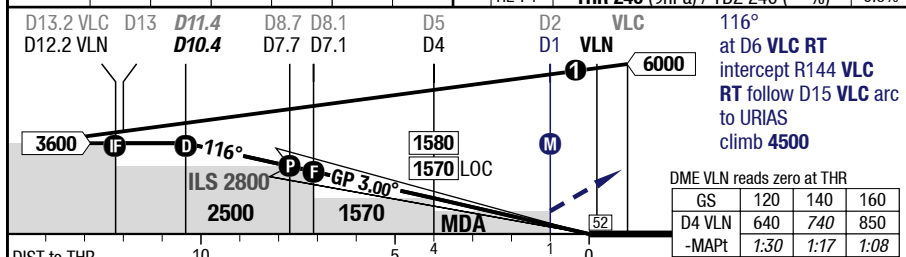
VLC-LEVC

7-10

ILS Z 12



LOC 3.00° D VLN	10.4	9	8	6	5	3	
	3600	3160	2840	2200	1890	1250	



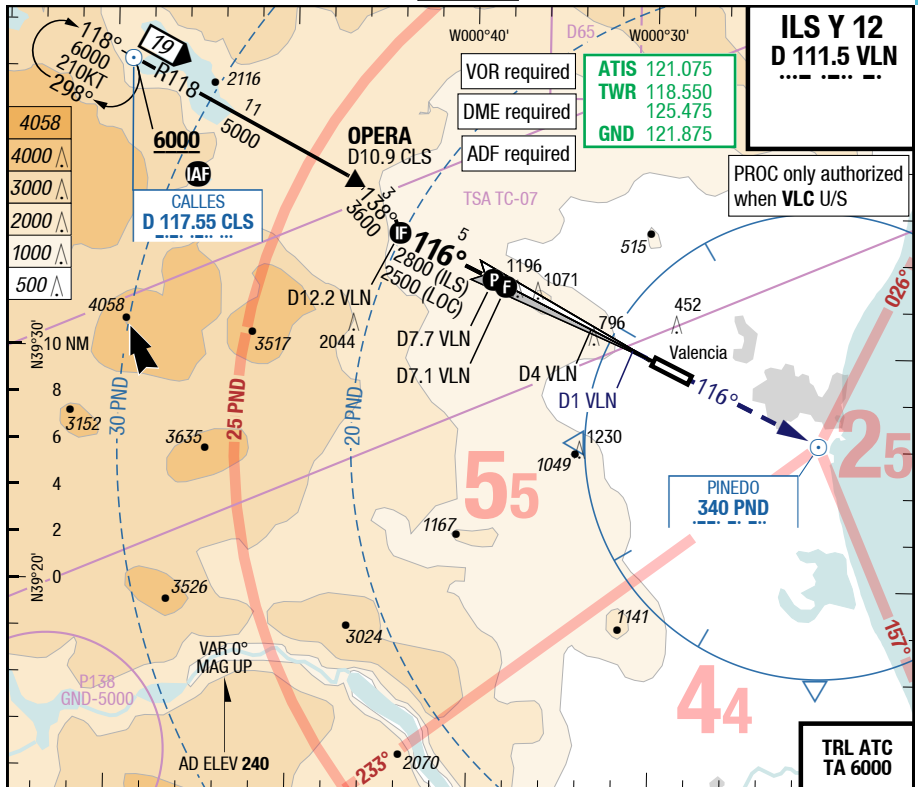
DIST TO THR		10	5	0		
12		Cat 1 DME ¹⁾	LOC DME			Circling
C	ft - m/km ft	210 - 550 450	850 - 2.4 1090			1060 - 2.4V 1300
D	ft - m/km ft	220 - 550 460	850 - 2.4 1090			1390 - 3.6V 1630

1) With EVS 550m

VLC-LEVC

7-20

ILS Y 12



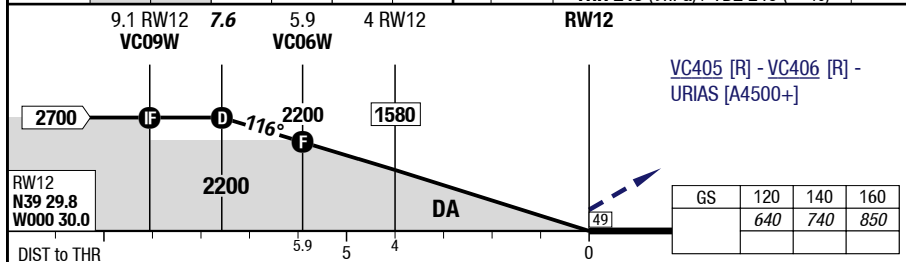
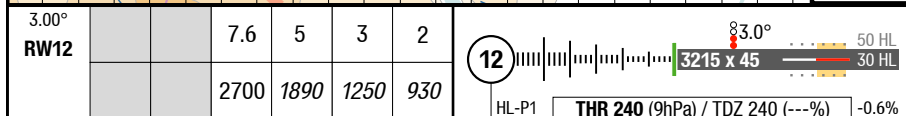
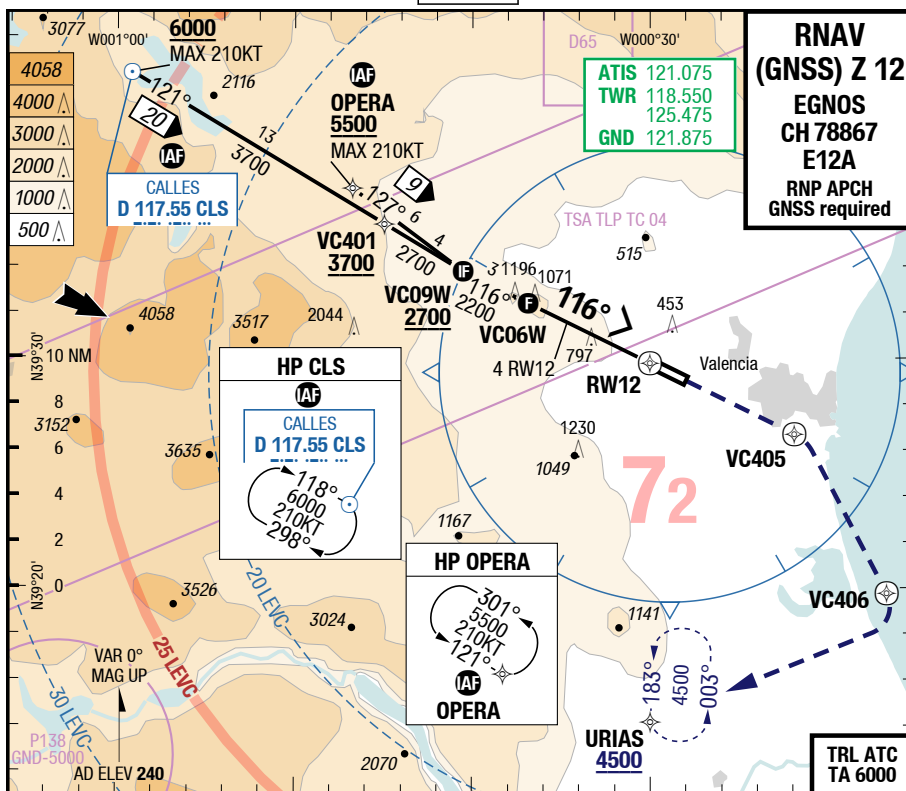
LOC 3.00° D VLN						<div><div><div>83.0°</div><div>3215 x 45</div></div><div><div>50 HL</div><div>30 HL</div></div></div>					
10.4	9	8	6	5	3	<div><div>12</div><div>HL-P1</div><div>THR 240 (9hPa) / TDZ 240 (---%)</div><div>-0.6%</div></div>					
3600	3160	2840	2200	1890	1250						
D12.2 VLN						D10.4					
						D7.7 D7.1					
						D4					
						D1 VLN					
3600						1580					
IF						1570 LOC					
D						1570 MDA					
116°						GP 3.00°					
ILS 2800											
2500											
P											
DIST TO THR						116° climb 3000					
10						DME VLN reads zero at THR					
5						GS 120 140 160					
4						D4 VLN 640 740 850					
1						-MAPt 1:30 1:17 1:08					
0											
12						Cat 1 DME ¹⁾					
LOC DME						Circling					
C	ft - m/km ft	210 - 550 450	850 - 2.4 1090					1060 - 2.4V 1300			
D	ft - m/km ft	220 - 550 460	850 - 2.4 1090					1390 - 3.6V 1630			
1) With EVS 550m											



VLC-LEVC

7-50

RNAV (GNSS) Z 12



12	RNAV GNSS LPV				Circling
C	ft - m/km ft	400 - 1.1 640 ¹⁾			970 - 2.4V 1210
D	ft - m/km ft	410 - 1.2 650 ²⁾			1400 - 3.6V 1640

1) With EVS 750m

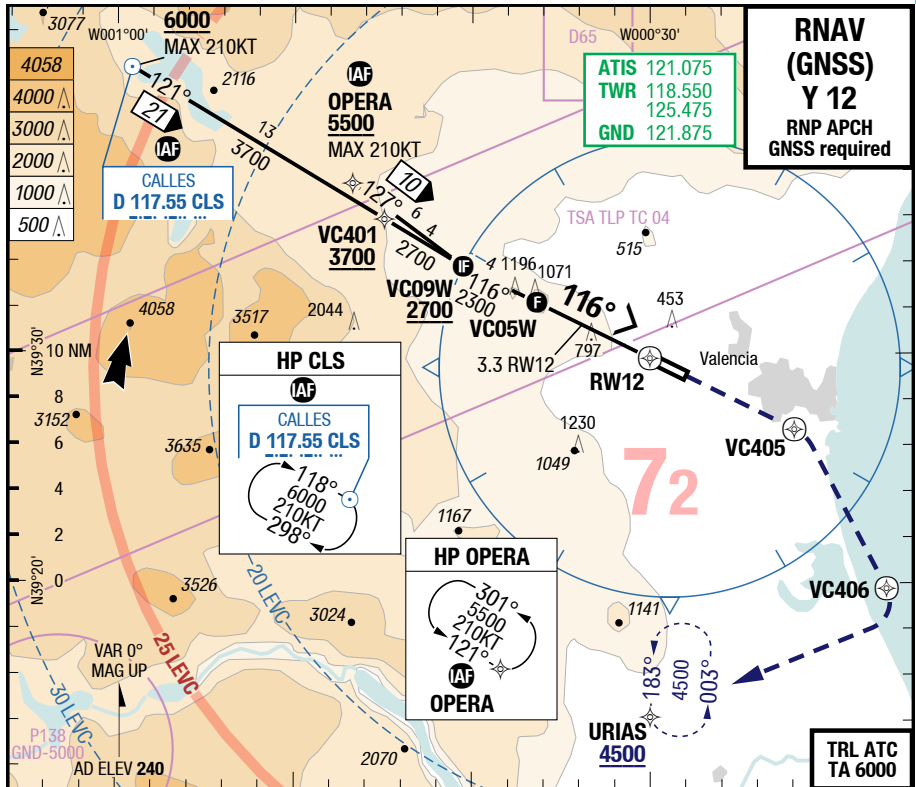
2) With EVS 800m

Changes: new

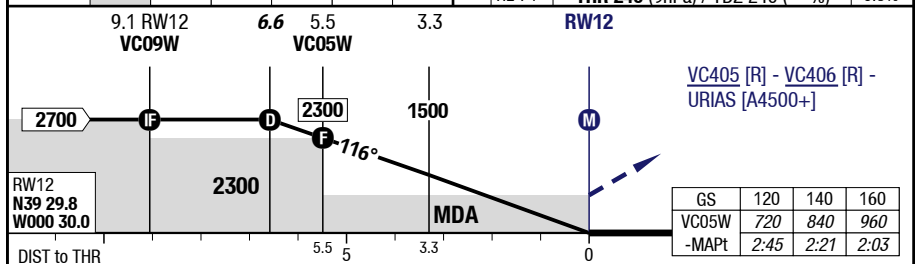
VLC-LEVC

7-60

RNAV (GNSS) Y 12



3.40°		6.6	6	5	4	3		83.0°	50 HL	30 HL
RW12		2700	2490	2120	1760	1390		3215 x 45		
								THR 240 (9hPa) / TDZ 240 (---%)	-0.6%	

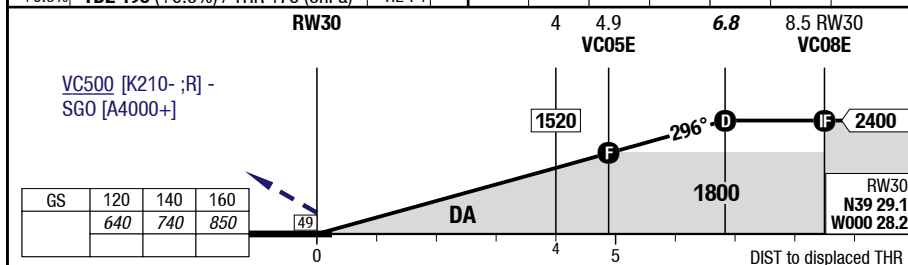
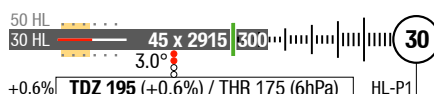
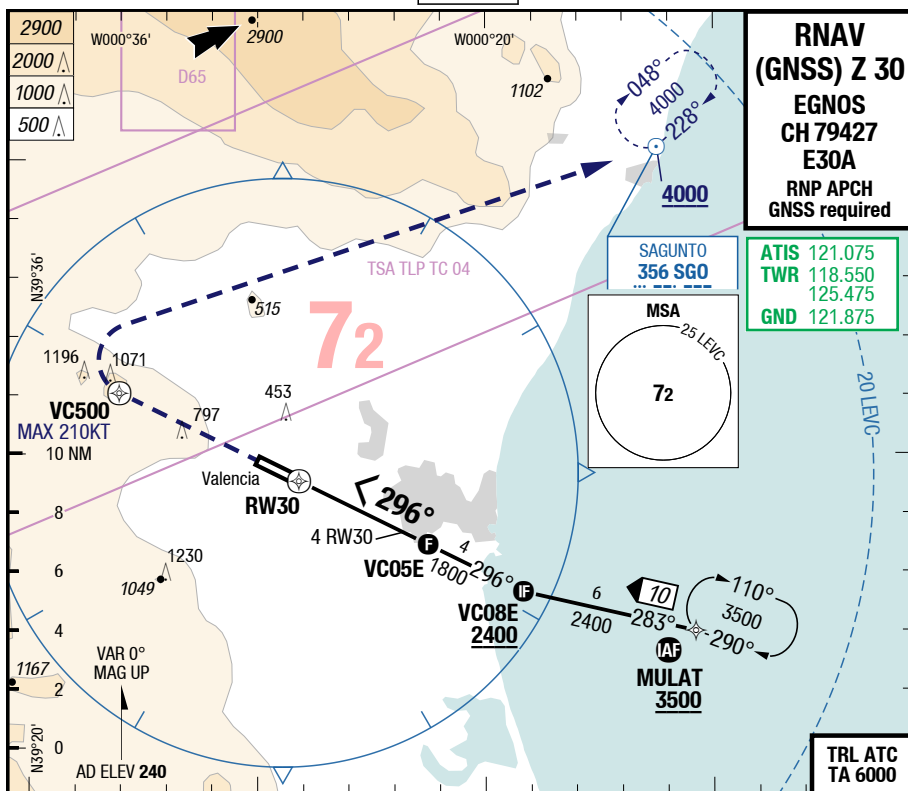


12	RNAV GNSS					Circling
C	ft - m/km ft	820 - 2.4 1060				970 - 2.4V 1210
D	ft - m/km ft	820 - 2.4 1060				1400 - 3.6V 1640

VLC-LEVC

7-70

RNAV (GNSS) Z 30

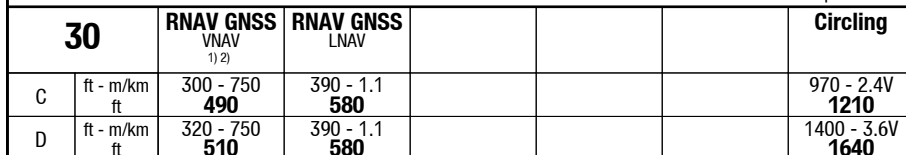


30	RNAV GNSS LPV 1)					Circling
C	ft - m/km ft	300 - 750 490				970 - 2.4V 1210
D	ft - m/km ft	310 - 750 500				1400 - 3.6V 1640

1) With EVS 550m

Changes: new

RNAV (GNSS) Y 30



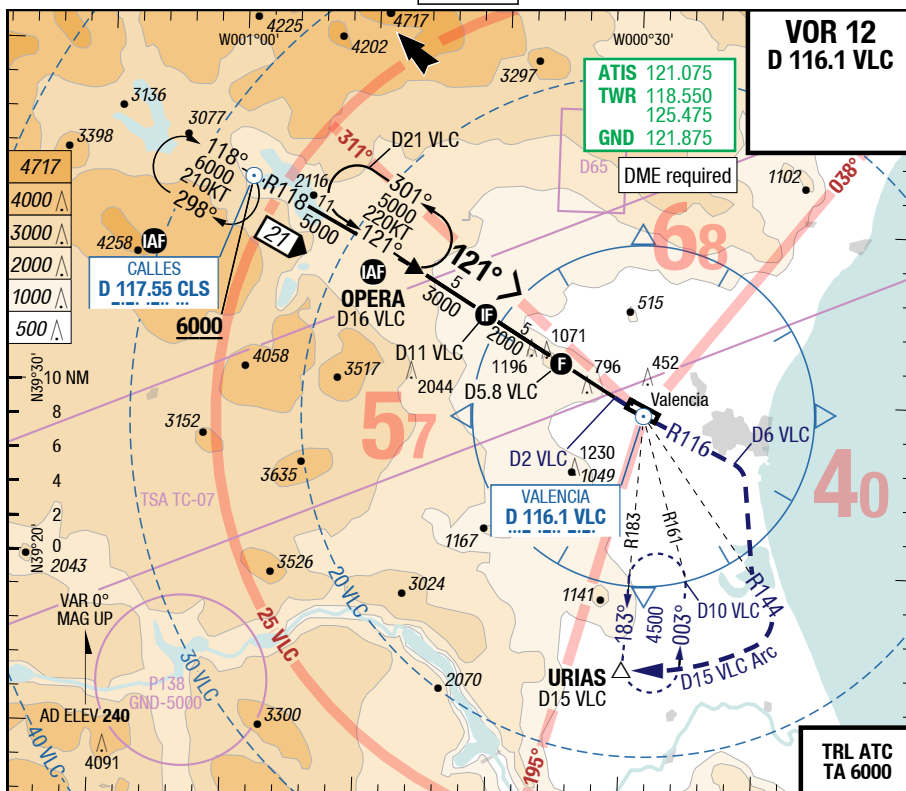
2) With EVS 550m

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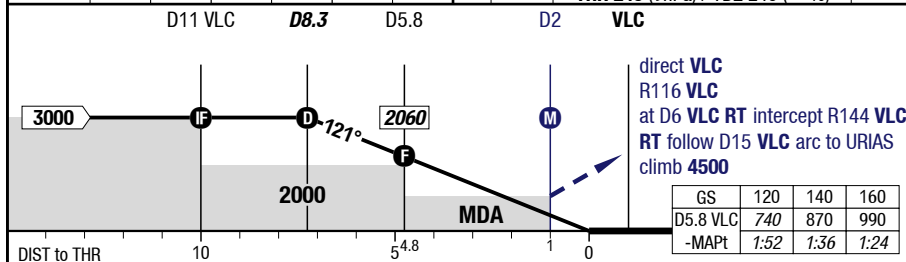
VLC-LEVC

7-90

VOR 12



3.50°	8.3	8	7	6	5	4	83.0°	50 HL	30 HL
D VLC							3215 x 45		
121°									
RWY 116°	3000	2900	2520	2150	1780	1410			
	HL-P1						THR 240 (9hPa) / TDZ 240 (---%)	-0.6%	

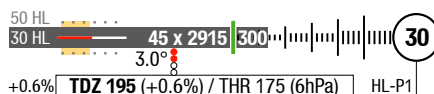
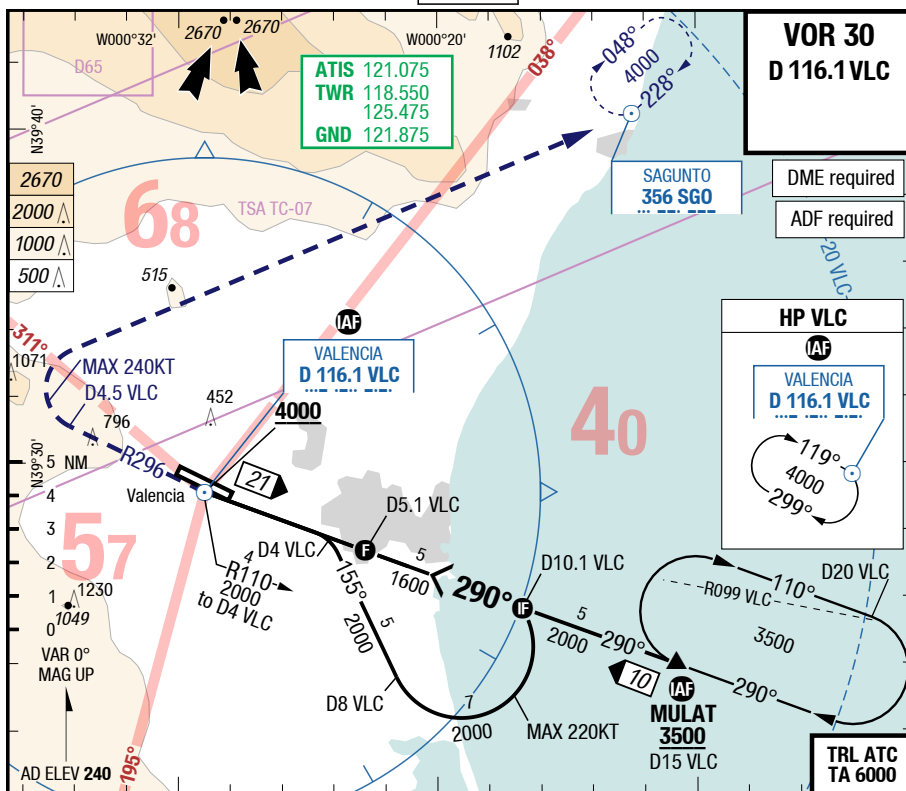


12	VOR DME					Circling
C	ft - m/km ft	960 - 2.4 1200				1060 - 2.4V 1300
D	ft - m/km ft	960 - 2.4 1200				1390 - 3.6V 1630

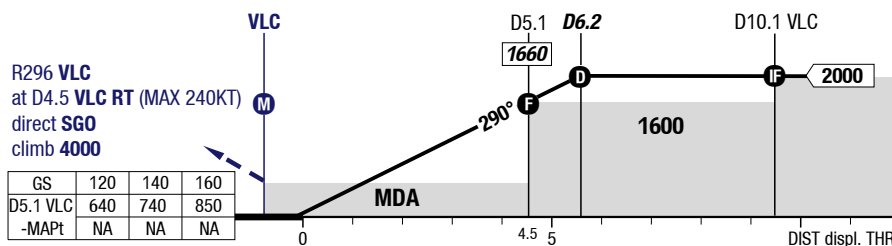
VLC-LEVC

7-100

VOR 30



2	3	4	5	6	6.2	3.00° D VLC
670	990	1310	1630	1950	2000	290° RWY 296°

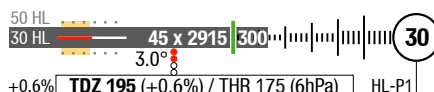
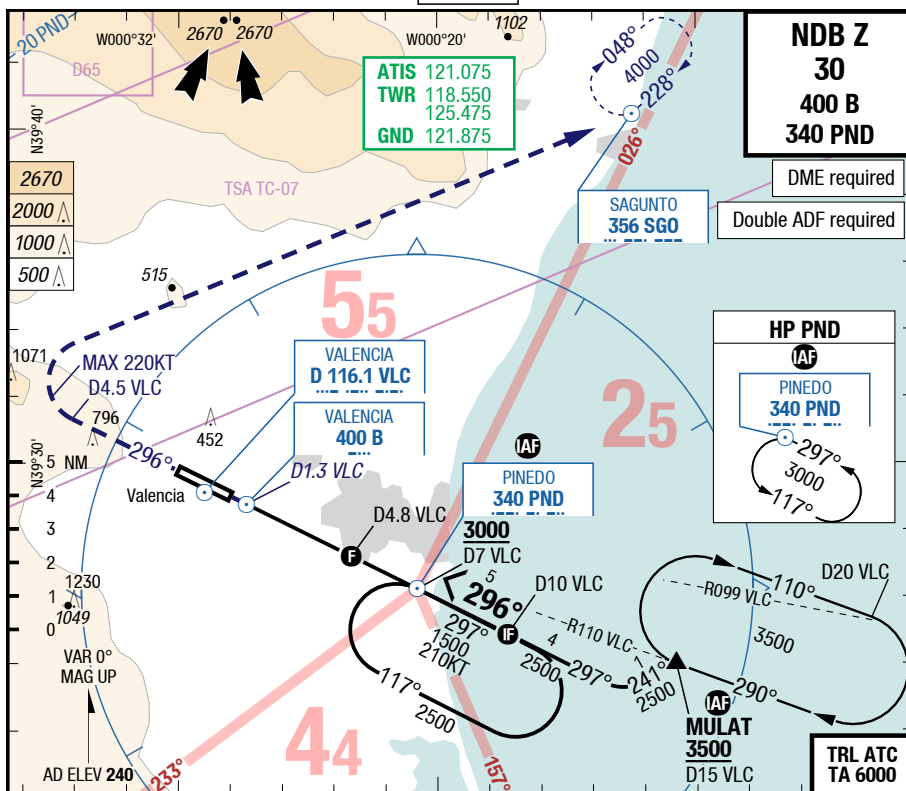


30		VOR DME				Circling
C	ft - m/km ft	420 - 1.2 610				1040 - 2.4V 1280
D	ft - m/km ft	420 - 1.2 610				1390 - 3.6V 1630

VLC-LEVC

7-110

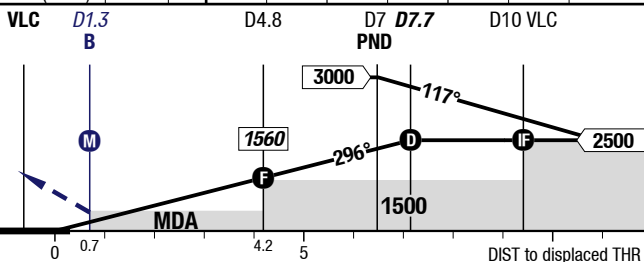
NDB Z 30



2	3	4	5	6	7.7	3.00° D VLC
680	1000	1310	1630	1950	2500	

QDR 296 B
at D4.5 **VLC RT** (MAX 220KT)
direct **SGO**
climb **4000**

GS	120	140	160
D4.8 VLC	640	740	850
-MAPt	<i>1:45</i>	<i>1:30</i>	<i>1:19</i>

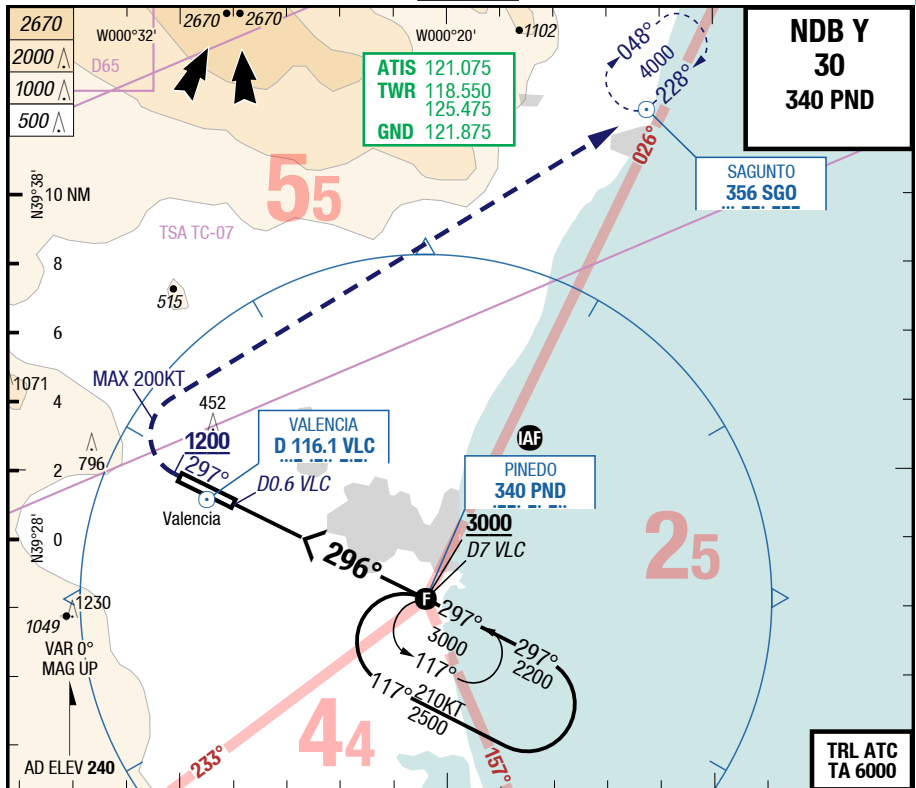


30		NDB NDB DME PND+B VLC				Circling
C	ft - m/km ft	420 - 1.2 610				1040 - 2.4V 1280
D	ft - m/km ft	420 - 1.2 610				1390 - 3.6V 1630

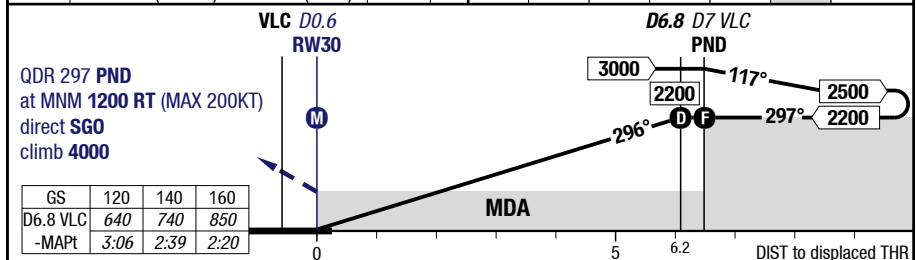
VLC-LEVC

7-120

NDB Y 30



50 HL	30 HL	45 x 2915	300	30	3	4	5	6	6.8	3.00°
		3.0°			1000	1320	1630	1950	2200	D VLC
+0.6% TDZ 195 (+0.6%) / THR 175 (6hPa) HL-P1										

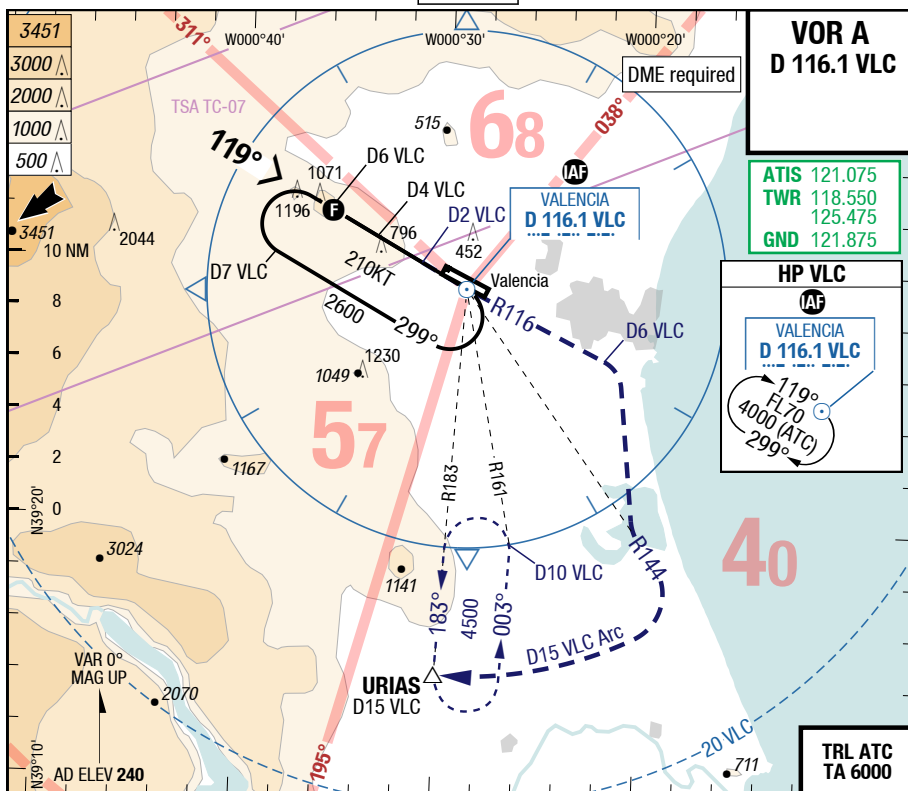


30	NDB					Circling
C	ft - m/km ft	630 - 2.2 820				1040 - 2.4V 1280
D	ft - m/km ft	630 - 2.2 820				1390 - 3.6V 1630

VLC-LEVC

7-130

VOR A



3.06° D VLC 119° RWY 116°				6	5	3	See AFC for RWY information and approach light system
				2600	2270	1630	

Diagram illustrating the D15 VOR/DME approach for RWY 116. The diagram shows the path from the D7 VLC to the D6 VLC (299°) and then to the D4 VLC (119°). The MDA is 1580 feet. The diagram includes a table for GS and time to MDA for different speeds.

GS	120	140	160
D4 VLC	920	1080	1230
-MAPt	1:00	0:51	0:45

12/30							Circling
C	ft - m/km ft						1060 - 2.4V 1300
D	ft - m/km ft						1390 - 3.6V 1630

VLC-LEVC

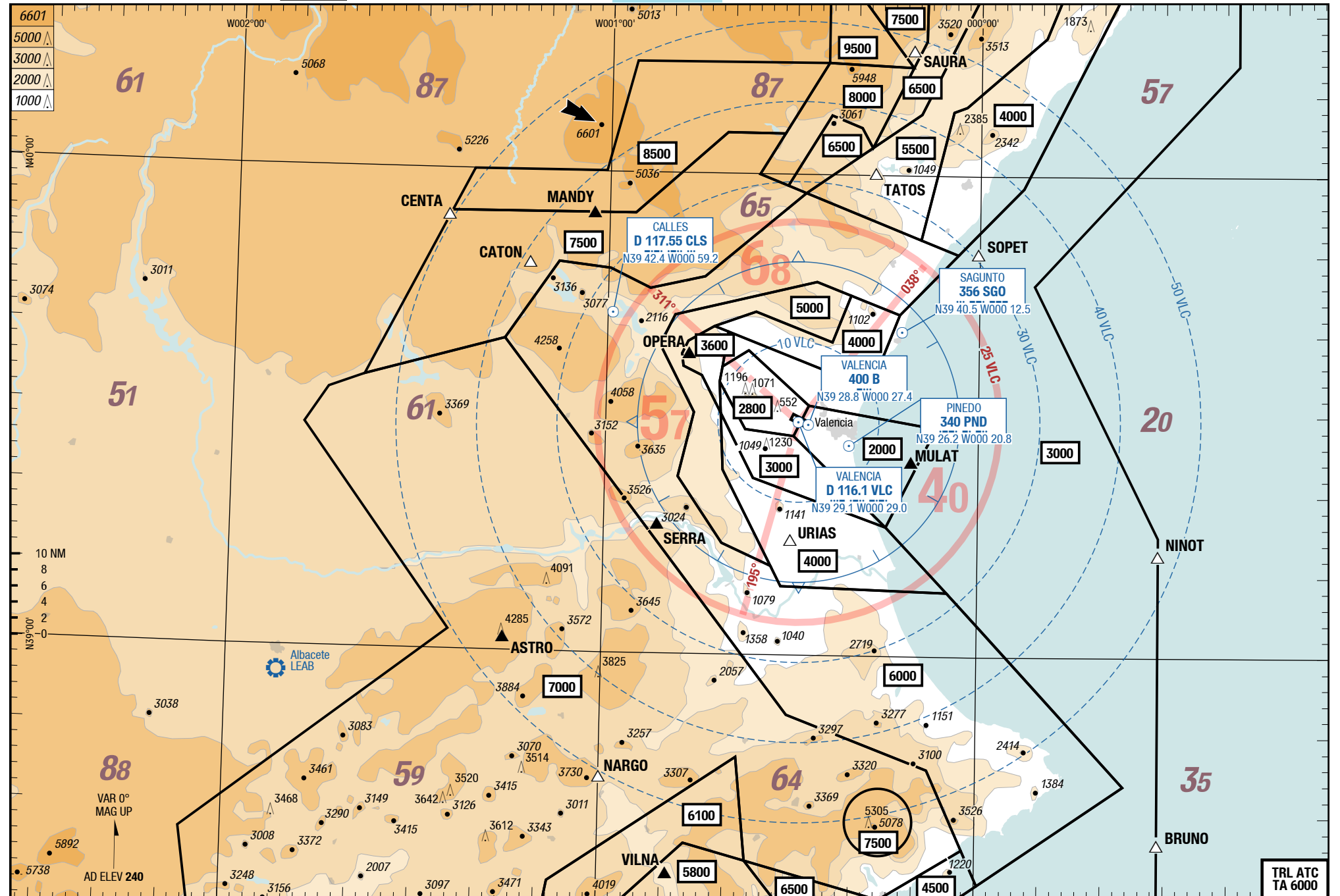
NIL
MRC

MRC

MRC

NIL
MRC

8-10



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