

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 22-2010

TERMINAL CHART NOTAMs

Chart NOTAMs for Airport LEAL

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

ALICANTE Approach c/s chgd to VALENCIA Control on same frequencies.

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(13-1, 13-2, 13-5) Until 02 DEC 10 IAPs VOR Z/Y rwy 10 and VOR X rwy 28 suspended.

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

Eff 21 Oct 10 construction work on THR rwys 10/28 and twys; for affected procedures and other details refer to temp charts and latest NOTAMs.

LEAL (Alicante)**General Info**

Alicante, ESP

N 38° 16.9' W 00° 33.5' Mag Var: 2.0°W

Elevation: 142'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: 100LL, Jet

Time Zone Info: GMT+1:00 uses DST

Runway Info

Runway 10-28 9843' x 148' asphalt

Runway 10 (101.0°M) TDZE 142'

Lights: Edge, ALS, Centerline, REIL

Right Traffic

Runway 28 (281.0°M) TDZE 44'

Lights: Edge, ALS, Centerline

Communications InfoATIS **113.8**Alicante Tower **121.7**Alicante Tower **119.85**Alicante Tower **119.075** SecondaryAlicante Tower **118.15**Alicante Tower **257.80** MilitaryValencia Approach Control **120.4**Valencia Approach Control **119.075** SecondaryValencia Approach Control **118.8****Notebook Info**

LEAL/ALC
ALICANTE**JEPPESEN**

11 MAY 07

10-1P

ALICANTE, SPAIN
AIRPORT BRIEFING**1. GENERAL****1.1. ATIS**

ATIS 113.8

1.2. NOISE ABATEMENT PROCEDURES**1.2.1. RUN-UP TESTS**

Engine performance testing higher than idle regime are not allowed between 2300-0600LT and must be requested from CEOPS in written form.

1.3. LOW VISIBILITY PROCEDURES (LVP)**1.3.1. GENERAL**

CRITERIA FOR START AND CONCLUSION OF LVP.

Low visibility procedures for ground (LVP) will be applied in the following meteorological conditions:

- RVR to RWY 10, and
- General visibility in the movement area, for RWY 28 (or also for RWY 10, without RVR) is 600m or below.

LVP will finish when RVR is 1000m or above at least 10 minutes and will expect the situation is getting better.

Pilots will be informed about the application of low visibility procedures by ATIS.

DETAILS OF RUNWAY ENTRIES

- RWY 10: only through A-3, except ATC instructions.
- RWY 28: only through C-8, except ATC instructions.

LVP DESCRIPTION

Take-off with low visibility, LVTO.

ACFT movement will be restricted to one each time in case RVR/visibility will be below 600m.

Pilots will proceed to verify at every moment the ACFT position, checking that taxiing is being executed under total safety conditions. In case of being disoriented or in doubt, pilots will stop the ACFT and immediately will notify TWR.

1.3.2. COMMUNICATION FAILURE

Whenever an ACFT operating in the manoeuvring area suffers a communication failure will proceed as follows:

Departing ACFT must continue by the assigned route to its clearance limit, taking extreme caution to avoid detours. ACFT must remain at this point and wait for the arrival of a "FOLLOW ME" car in order to be guided to the stand or holding position designated by the appropriate authority.

1.4. TAXI PROCEDURES

For Wingspan Restrictions refer to 10-9 charts.

1.5. PARKING INFORMATION

Stands 1A, 1B, 1C, 3A, 3B, 5, 7, 9, 9A, 11, 11A, 11B, 13, 15, 17, 19, 21, 23, 25, 27 and 29 are push-back required.

1.6. OTHER INFORMATION

Rwy 10 right-hand circuit.

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ALICANTE**JEPPESEN**
11 MAY 07 **(10-1P1)****ALICANTE, SPAIN**
AIRPORT BRIEFING

2. ARRIVAL

2.1. SPEED RESTRICTIONS**SPEED ADJUSTMENTS UNDER RADAR CONTROL**

- MAX 250 KT at or below FL 100.
- MAX 220 KT when leaving IAF.
- MAX 180 KT when leaving IF or when completing the final turn.
- MAX 160 KT when crossing the FAF. ACFT shall maintain this speed till 4 NM from threshold.
- ACFT with cruising speed lower to the aforementioned shall maintain cruising speed up the adjusting fix concerned.

If this speed adjustment cannot be carried out, pilots shall notify to ATC which speed can be maintained.

2.2. RUNWAY OPERATIONS**2.2.1. GENERAL**

- Landing for RWY 10: Only available TWY C2, C4, C5, C7 or C8.
- Landing for RWY 28: Only available TWY A2 or RWY end.

2.2.2. MINIMUM RWY OCCUPANCY TIME

Commensurate with the ACFT safety and standard operation, pilots are reminded that rapid exit from the RWY enables maximum RWY utilization, lessens its occupancy time and minimizes the occurrence of "go arounds".

ACFT, that have already landed, will notify RWY vacated and exit TWY used. They will hold position waiting for taxiing instructions from ATC.

LEAL/ALC
ALICANTE**JEPPESEN**
11 MAY 07 **(10-1P2)****ALICANTE, SPAIN**
AIRPORT BRIEFING

3. DEPARTURE

3.1. START-UP PROCEDURES

Pilots will request clearance to start-up engines/turbines on the appropriate frequency.

When this clearance is requested, the ACFT must be ready to start-up immediately or in less than 5 minutes.

Request clearance to start-up engines and report:

- Type of ACFT
- Parking stand
- ATIS message received.

The start-up request will be carried out considering that ACFT should be ready to leave the stand with the following criteria:

- ACFT with CTOT assigned: 15 minutes before CTOT when it is parked at a push-back stand, or 10 minutes before CTOT for the rest of stands.
- ACFT without CTOT assigned: before the EOBT +5 minutes when it is parked at a push-back stand, or before the EOBT +10 minutes for the rest of the stands.

In accordance with the air traffic situation, request of ATC clearance made later than these criteria may be rejected.

3.2. RUNWAY OPERATIONS

3.2.1. MINIMUM RWY OCCUPANCY TIME

ATC will consider that every ACFT at the holding-position is able to commence the line-up on the RWY and the take-off roll immediately after take-off clearance is issued.

Pilots unable to comply with this requirement shall notify ATC before reaching the holding position.

From RWY 28 intersection with TWY C5 are allowed.

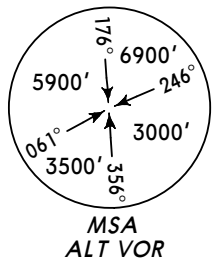
Limits of departure operations through holding point of RWY 10

- When the left way is occupied by ACFT of CAT E, ACFT of CAT C can taxi through the right way.
- ACFT with wingspan lower 48m can taxi at the same time.

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JEPPESEN
17 SEP 10 **10-2** **Eff 23 Sep**

ALICANTE, SPAIN
STAR



ATIS
113.8

Apt Elev
142'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'

ASTRO ONE LIMA (ASTRO 1L) [ASTR1L]
BRUNO TWO LIMA (BRUNO 2L) [BRUN2L]
CALLES ONE LIMA (CLS 1L)
RWY 10 ARRIVALS

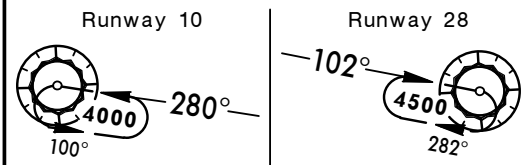
ASTRO ONE NOVEMBER (ASTRO 1N) [ASTR1N] ①
BRUNO ONE MIKE (BRUNO 1M) [BRUN1M]
CALLES ONE MIKE (CLS 1M) ①
CALLES ONE NOVEMBER (CLS 1N)
RWY 28 ARRIVALS

~~SPEED~~ MAX 250 KT AT OR BELOW FL100
MAX 220 KT WHEN LEAVING IAF

① Subject to activity
of LE(D)-66.



HOLDINGS OVER ALT



② BRUNO 2L: MEA 4000
BRUNO 1M: MEA 5000

ASTRO
N39 01.5
W001 15.8

NARGO
N38 44.3
W000 59.9

VILNA
N38 32.4 W000 49.0

ALICANTE
N38 16.1 W000 34.2

BRUNO
N38 36.5
E000 29.0

MITOS
N38 27.0
W000 00.8

POLOP
N38 23.8
W000 10.7

LE(D)-66

20 DME Arc

FL 70

ASTRO 1N

BRUNO 2L

BRUNO 1M

LEAL/ALC
ALICANTE

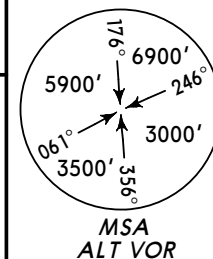
JEPPESEN
17 SEP 10 **(10-2A)** **Eff 23 Sep**

ALICANTE, SPAIN
STAR

ATIS
113.8

Apt Elev
142'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'



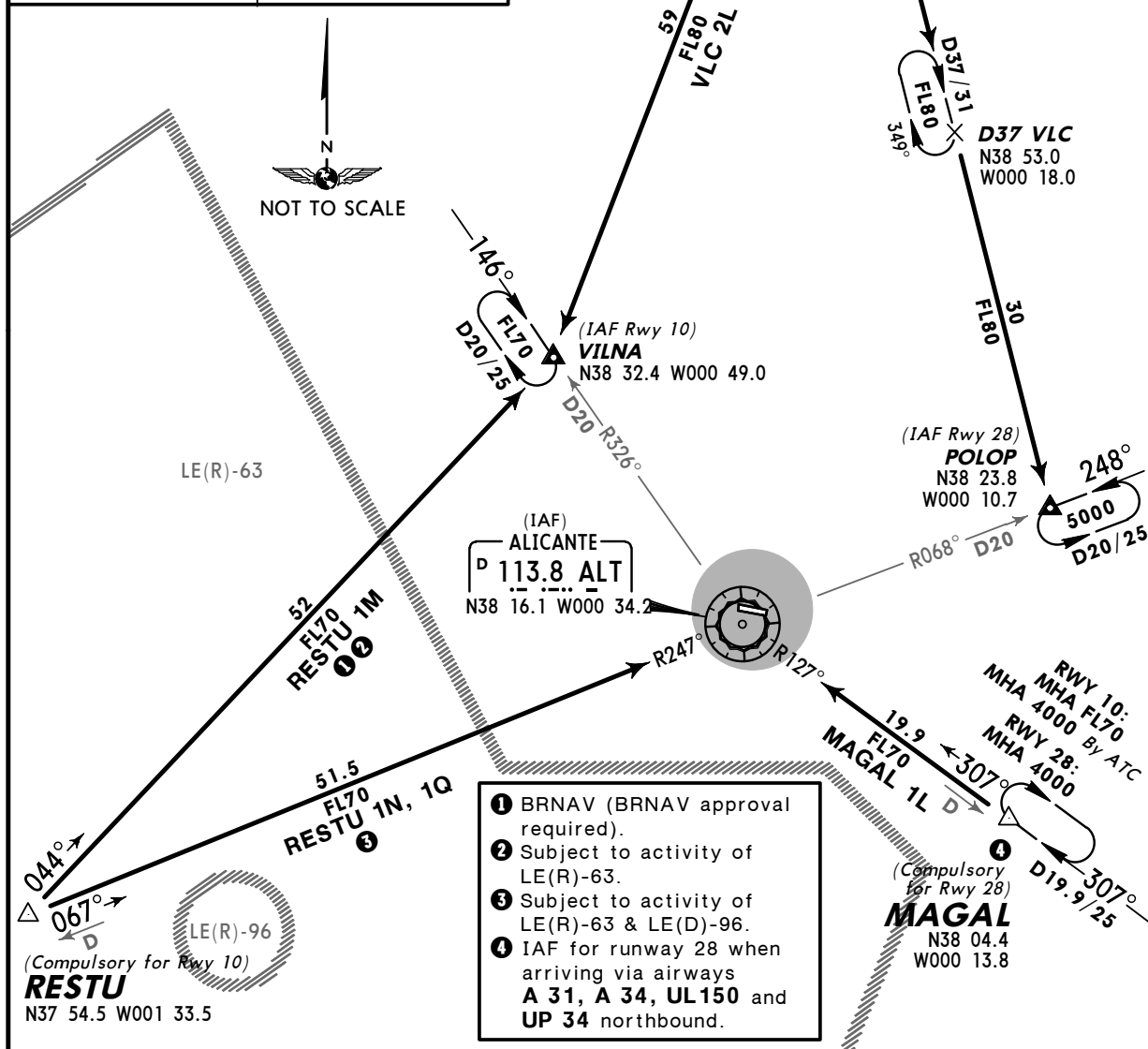
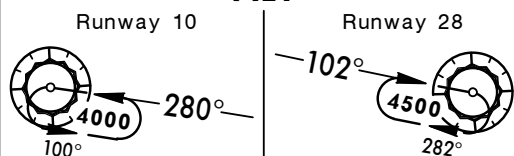
MAGAL ONE LIMA (MAGAL 1L) [MAGA 1L]
RESTU ONE MIKE (RESTU 1M) [REST 1M] ① ②
RESTU ONE QUEBEC (RESTU 1Q) [REST 1Q] ③
VALENCIA TWO LIMA (VLC 2L)
RWY 10 ARRIVALS

RESTU ONE NOVEMBER (RESTU 1N) [REST 1N] ③
VALENCIA ONE NOVEMBER (VLC 1N)
RWY 28 ARRIVALS

~~SPEED~~ MAX 250 KT AT OR BELOW FL100
MAX 220 KT WHEN LEAVING IAF

VALENCIA
D 116.1 VLC
N39 29.1 W000 29.0

HOLDINGS OVER ALT



LEAL/ALC
ALICANTE

JEPPesen
17 SEP 10 **10-2B** **Eff 23 Sep**

ALICANTE, SPAIN
STAR

ATIS
113.8

Apt Elev
142'

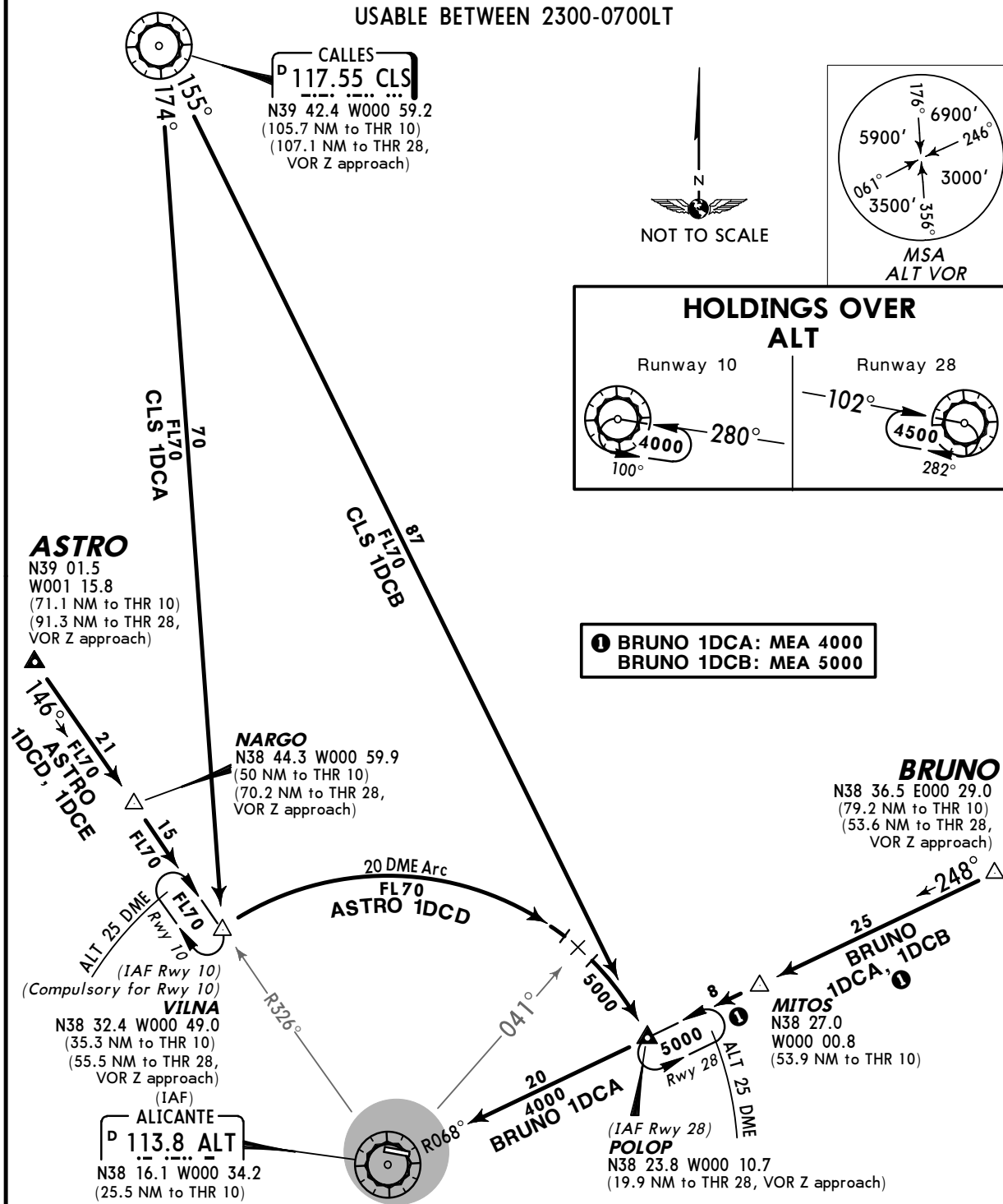
Alt Set: hPa
Trans level: By ATC Trans alt: 6000'

ASTRO ONE DELTA CHARLIE DELTA (ASTRO 1DCD) [AS1DCD]
BRUNO ONE DELTA CHARLIE BRAVO (BRUNO 1DCB) [BR1DCB]
CALLES ONE DELTA CHARLIE BRAVO (CLS 1DCB)
RWY 28 ARRIVALS (CDA)

ASTRO ONE DELTA CHARLIE ECHO (ASTRO 1DCE) [AS1DCE]
BRUNO ONE DELTA CHARLIE ALFA (BRUNO 1DCA) [BR1DCA]
CALLES ONE DELTA CHARLIE ALFA (CLS 1DCA)
RWY 10 ARRIVALS (CDA)

BY ATC

USABLE BETWEEN 2300-0700LT



LEAL/ALC
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JEPPesen
17 SEP 10 **10-2C** **Eff 23 Sep**

ALICANTE, SPAIN

STAR

ATIS
113.8

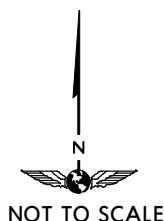
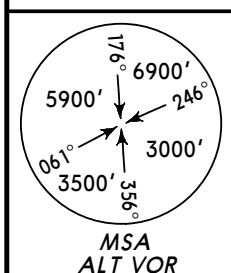
Apt Elev
142'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'

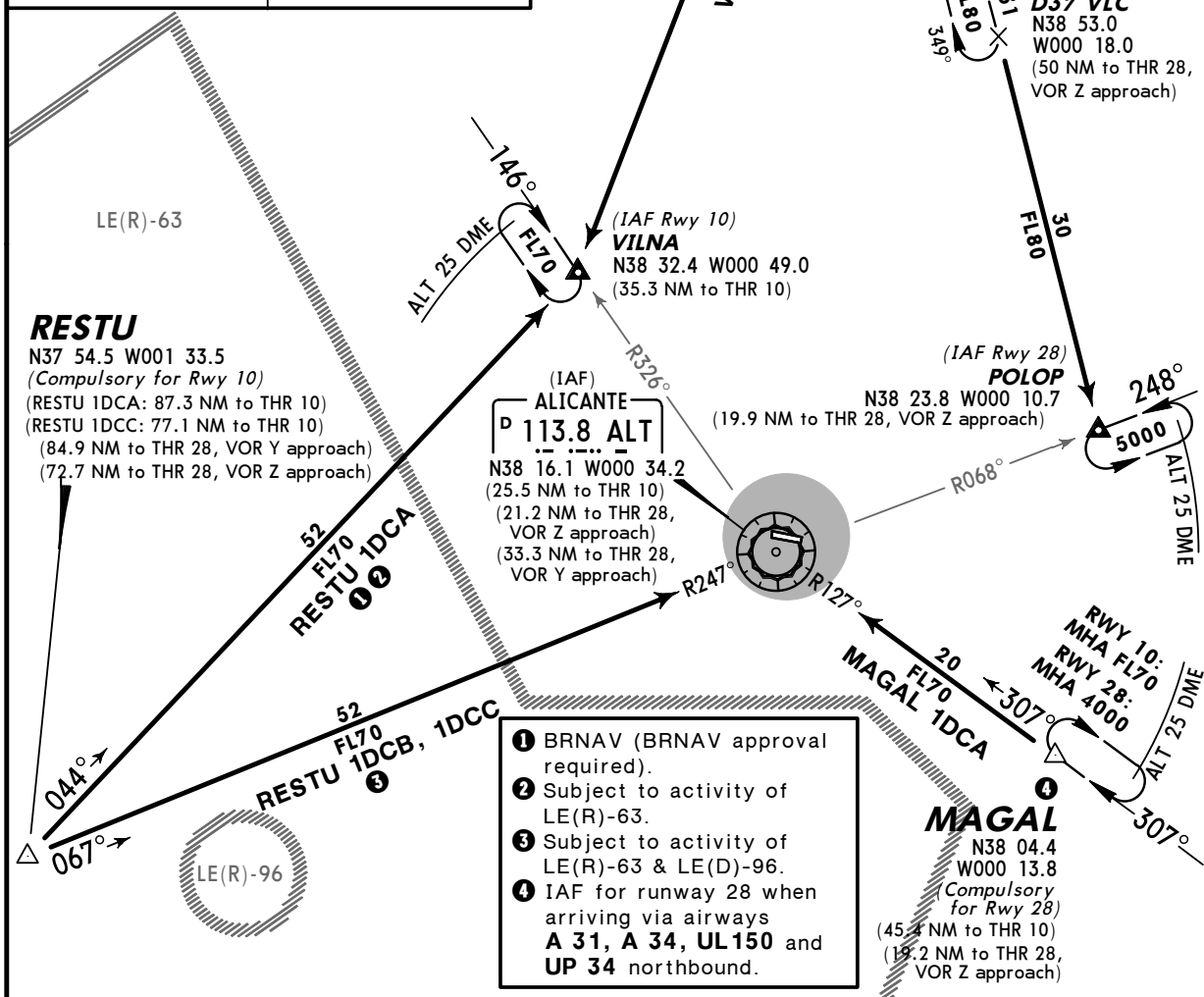
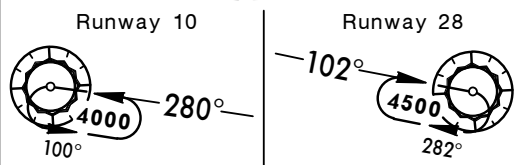
MAGAL ONE DELTA CHARLIE ALFA (MAGAL 1DCA) [MA1DCA]
RESTU ONE DELTA CHARLIE ALFA (RESTU 1DCA) [RE1DCA] ① ②
RESTU ONE DELTA CHARLIE CHARLIE (RESTU 1DCC) [RE1DCC] ③
VALENCIA ONE DELTA CHARLIE ALFA (VLC 1DCA)
RWY 10 ARRIVALS (CDA)

RESTU ONE DELTA CHARLIE BRAVO (RESTU 1DCB) [RE1DCB] ③
VALENCIA ONE DELTA CHARLIE BRAVO (VLC 1DCB)
RWY 28 ARRIVALS (CDA)

BY ATC
USABLE BETWEEN 2300-0700LT



HOLDINGS OVER ALT



LEAL/ALC
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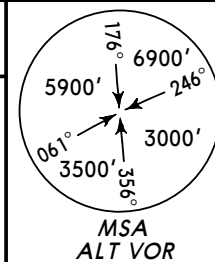
JEPPESEN
17 SEP 10 (10-3) Eff 23 Sep

ALICANTE, SPAIN

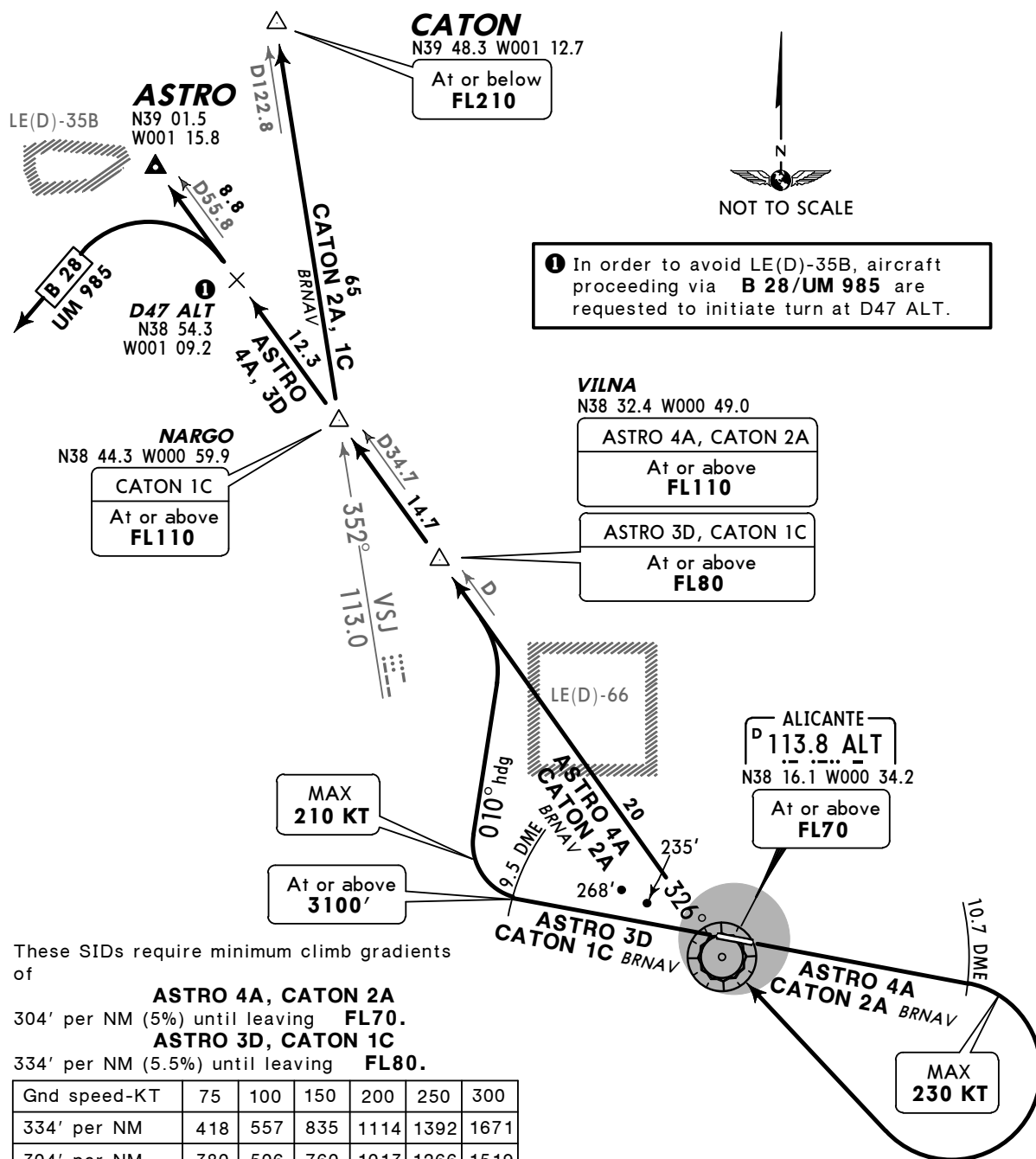
SID

Apt Elev
142'

Trans level: By ATC Trans alt: 6000'
EXPECT close-in obstacles.



ASTRO FOUR ALFA (ASTRO 4A) [ASTR4A]
ASTRO THREE DELTA (ASTRO 3D) [ASTR3D]
CATON TWO ALFA (CATON 2A) [CATO2A]
CATON ONE CHARLIE (CATON 1C) [CATO1C]
RWYS 10, 28 DEPARTURES



These SIDs require minimum climb gradients of

ASTRO 4A, CATON 2A
304' per NM (5%) until leaving **FL70.**

ASTRO 3D, CATON 1C
334' per NM (5.5%) until leaving **FL80.**

Gnd speed-KT	75	100	150	200	250	300
334' per NM	418	557	835	1114	1392	1671
304' per NM	380	506	760	1013	1266	1519

SID	RWY	ROUTING
ASTRO 4A ②	10	Climb on runway heading to ALT 10.7 DME, turn RIGHT to ALT, ALT R-326 via VILNA and NARGO to ASTRO.
ASTRO 3D	28	Climb on runway heading to ALT 9.5 DME, turn RIGHT, 010° heading, intercept ALT R-326 via VILNA and NARGO to ASTRO.
CATON 2A BRNAV ② ③	10	Climb on runway heading to ALT 10.7 DME, turn RIGHT to ALT, ALT R-326 via VILNA to NARGO, then to CATON.
CATON 1C BRNAV ③	28	Climb on runway heading to ALT 9.5 DME, turn RIGHT, 010° heading, intercept ALT R-326 via VILNA to NARGO, then to CATON.

② Subject to activity of LE(D)-66. **③** BRNAV approval required.

CHANGES: Ballnote 3 established.

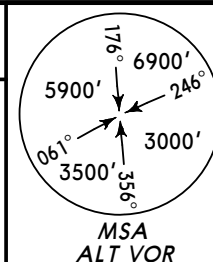
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LEAL/ALC
ALICANTE

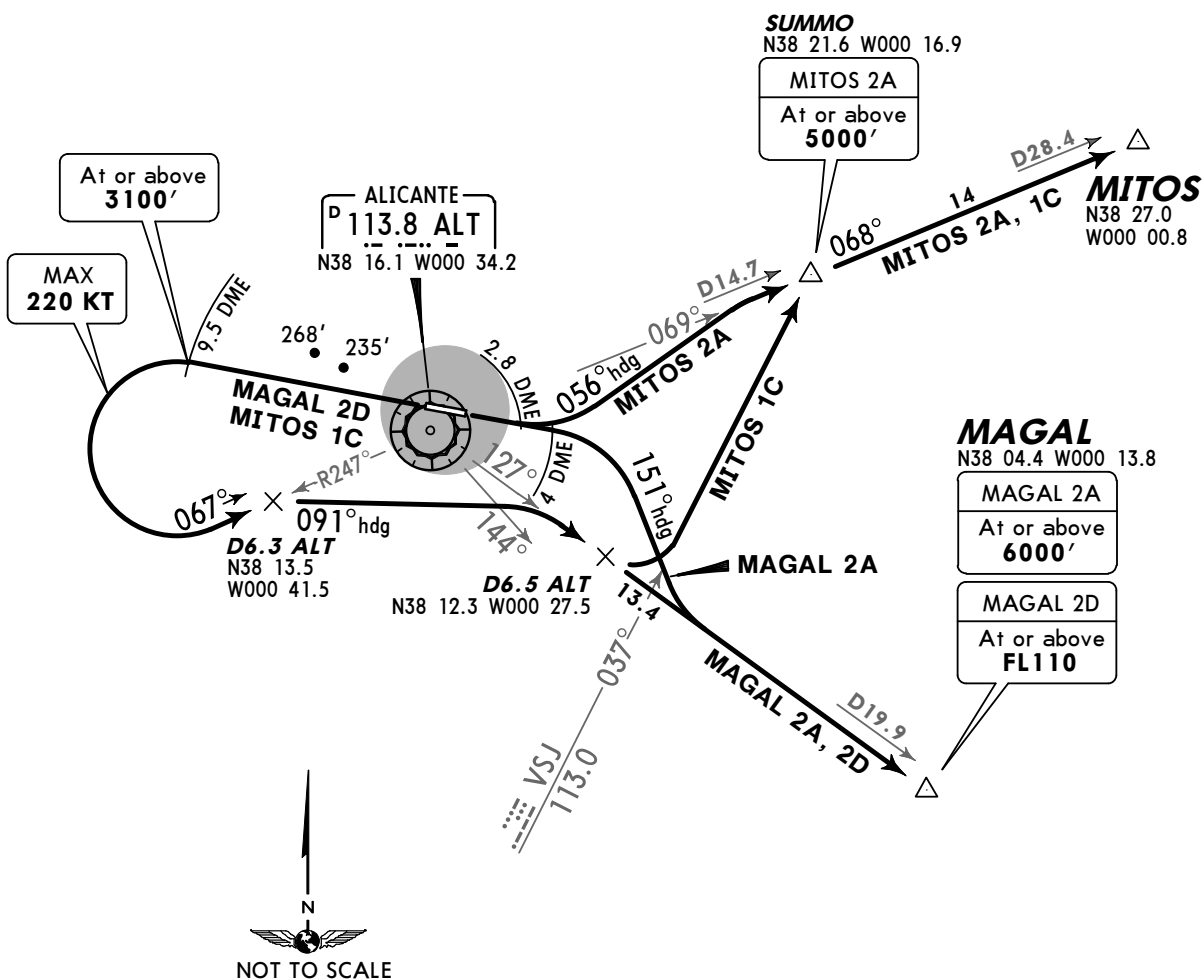
JEPPESEN
17 SEP 10 **(10-3A)** **Eff 23 Sep**

ALICANTE, SPAIN
SID

Apt Elev
142'
Trans level: By ATC Trans alt: 6000'
EXPECT close-in obstacles.



MAGAL TWO ALFA (MAGAL 2A) [MAGA2A]
MAGAL TWO DELTA (MAGAL 2D) [MAGA2D]
MITOS TWO ALFA (MITOS 2A) [MITO2A]
MITOS ONE CHARLIE (MITOS 1C) [MITO1C]
RWYS 10, 28 DEPARTURES



These SIDs require minimum climb gradients of

MAGAL 2A
304' per NM (5%) until leaving **6000'**.
MITOS 2A
334' per NM (5.5%) until leaving **5000'**.
MAGAL 2D, MITOS 1C
334' per NM (5.5%) until leaving **FL70**.

Gnd speed-KT	75	100	150	200	250	300
334' per NM	418	557	835	1114	1392	1671
304' per NM	380	506	760	1013	1266	1519

SID	RWY	ROUTING
MAGAL 2A	10	Climb on runway heading to ALT 4 DME, turn RIGHT, 151° heading, intercept ALT R-127 to MAGAL.
MAGAL 2D	28	Climb on runway heading to ALT 9.5 DME, turn LEFT, intercept ALT R-247 inbound to D6.3 ALT, turn RIGHT, 091° heading, when passing ALT R-144 turn RIGHT, intercept ALT R-127 to MAGAL.
MITOS 2A ①	10	Climb on runway heading to ALT 2.8 DME, turn LEFT, 056° heading, intercept ALT R-069 to SUMMO, intercept ALT R-068 to MITOS.
MITOS 1C ①	28	Climb on runway heading to ALT 9.5 DME, turn LEFT, intercept ALT R-247 inbound to D6.3 ALT, turn RIGHT, 091° heading, when passing ALT R-144 turn RIGHT, intercept ALT R-127 to D6.5 ALT, turn LEFT, intercept VSJ R-037 to SUMMO, turn RIGHT, intercept ALT R-068 to MITOS.
① Recommended for RNAV equipped aircraft via N 609 & UN 609 .		

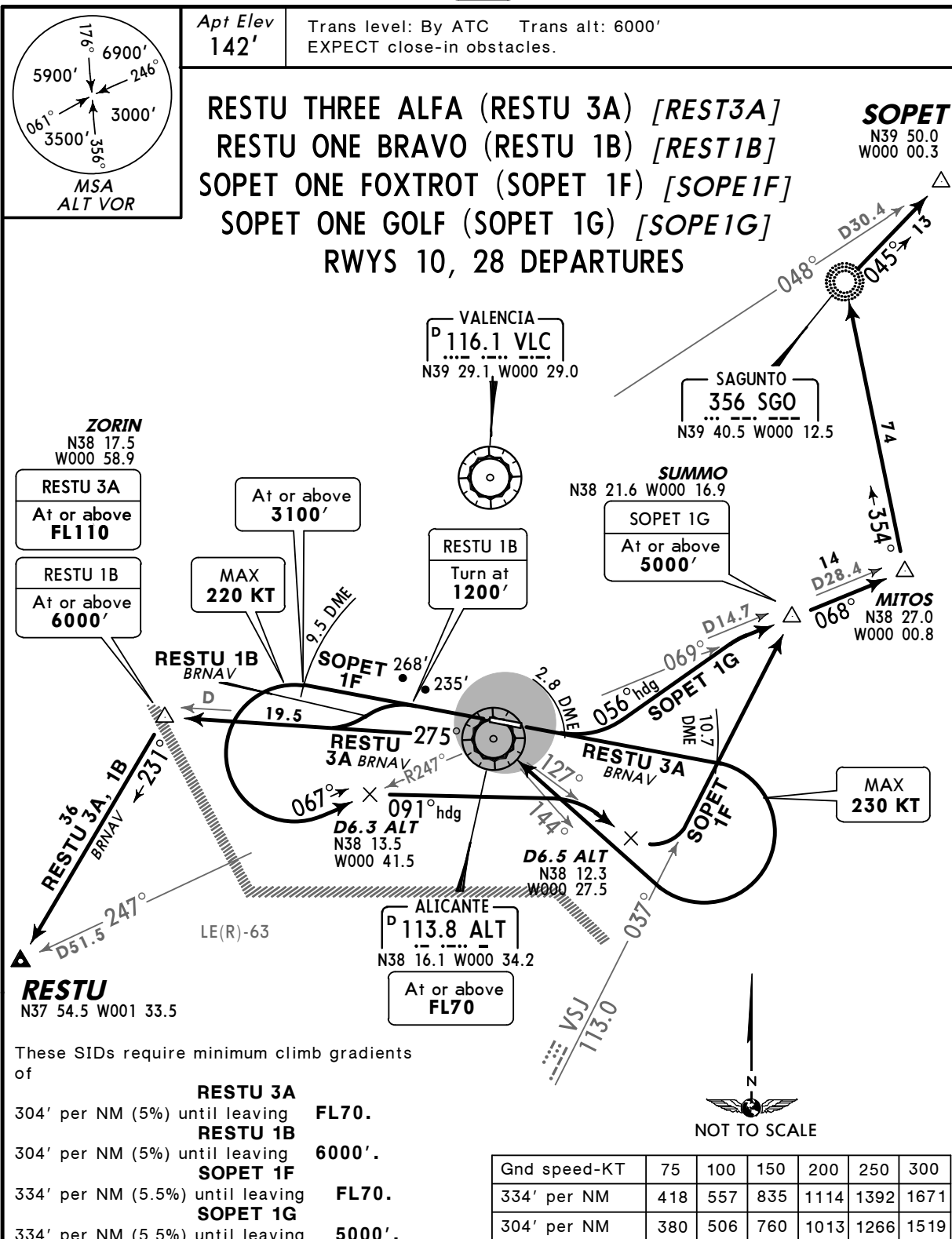
CHANGES: None.

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LEAL/ALC
ALICANTE

JEPPESEN
17 SEP 10 (10-3B) Eff 23 Sep

ALICANTE, SPAIN

SID

SID	RWY	ROUTING
RESTU 3A BRNAV ① ③	10	Climb on runway heading to ALT 10.7 DME, turn RIGHT to ALT, ALT R-275 to ZORIN, then to RESTU.
RESTU 1B BRNAV ① ③	28	Climb on runway heading to 1200' , turn LEFT, intercept ALT R-275 to ZORIN, then to RESTU.
SOPET 1F ②		Climb on runway heading to ALT 9.5 DME, turn LEFT, intercept ALT R-247 inbound to D6.3 ALT, turn RIGHT, 091° heading, when passing ALT R-144 turn RIGHT, intercept ALT R-127 to D6.5 ALT, turn LEFT, intercept VSJ R-037 to SUMMO, turn RIGHT, intercept ALT R-068 to MITOS, turn LEFT, intercept 354° bearing to SGO, turn RIGHT, 045° bearing to SOPET.
SOPET 1G ②	10	Climb on runway heading to ALT 2.8 DME, turn LEFT, 056° heading, intercept ALT R-069 to SUMMO, intercept ALT R-068 to MITOS, turn LEFT, intercept 354° bearing to SGO, turn RIGHT, 045° bearing to SOPET.

- ① Only available on pilots request and subject to activity of LE(R)-63.
② Non-RNAV equipped aircraft only. ③ BRNAV approval required.

LEAL/ALC
ALICANTE

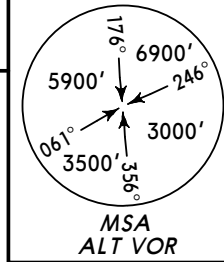
JEPPESSEN
17 SEP 10 (10-3C) Eff 23 Sep

ALICANTE, SPAIN

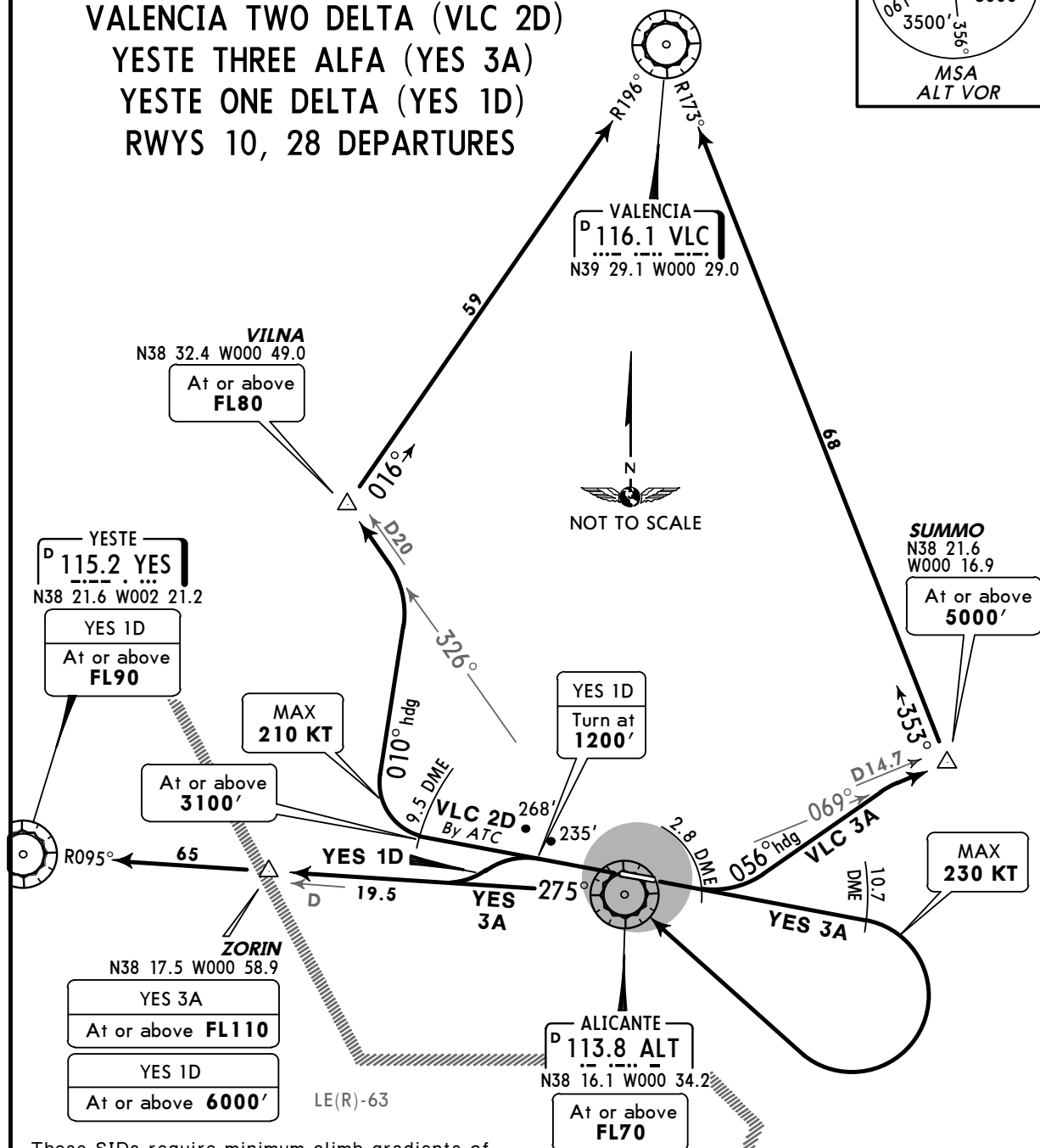
SID

Apt Elev
142'

Trans level: By ATC Trans alt: 6000'
EXPECT close-in obstacles.



VALENCIA THREE ALFA (VLC 3A)
VALENCIA TWO DELTA (VLC 2D)
YESTE THREE ALFA (YES 3A)
YESTE ONE DELTA (YES 1D)
RWYS 10, 28 DEPARTURES



These SIDs require minimum climb gradients of

VLC 3A
334' per NM (5.5%) until leaving 5000'.

VLC 2D
334' per NM (5.5%) until leaving **FL80.**

304' per NM (5%) until leaving **FL70.**

304' per NM (5%) until leaving **YES 1D**
304' per NM (5%) until leaving **6000'**

Gnd speed-KT	75	100	150	200	250	300
334' per NM	418	557	835	1114	1392	1671
304' per NM	380	506	760	1013	1266	1519

SID	RWY	ROUTING
VLC 3A	10	Climb on runway heading to ALT 2.8 DME, turn LEFT, 056° heading, intercept ALT R-069 to SUMMO, turn LEFT, intercept VLC R-173 inbound to VLC.
VLC 2D By ATC	28	Climb on runway heading to ALT 9.5 DME, turn RIGHT, 010° heading, intercept ALT R-326 to VILNA, turn RIGHT, intercept VLC R-196 inbound to VLC.
YES 3A ①	10	Climb on runway heading to ALT 10.7 DME, turn RIGHT to ALT, ALT R-275 via ZORIN to YES.
YES 1D ①	28	Climb on runway heading to 1200' , turn LEFT, intercept ALT R-275 via ZORIN to YES.

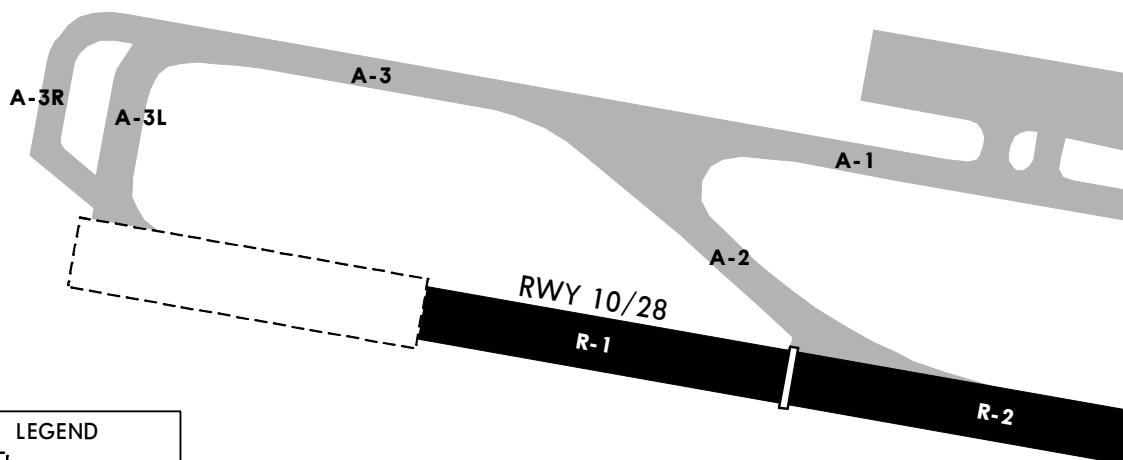
① Only available on pilots request and subject to activity of LE(R)-63.

LEAL/ALC

JEPPESEN
 15 OCT 10 (10-8) Eff 21 Oct

ALICANTE, SPAIN
 ALICANTE

**WIP ON RWY 10 THRESHOLD
 AND EXTENSION OF AIRCRAFT HOLDING BAYS**
 REFER ALSO TO LATEST NOTAMS



LEGEND	
	Working area
	Rwy segment
	Twy segment

1. WIP ON RWY 10 THRESHOLD

PHASE 1.1

WIP on installation of lighting systems, horizontal markings and visual facilities on runway (R-1 and R-2) as well as on taxiways A-1, A-2 and A-3 tending to the displaced threshold.

PHASE 1.2

New location on THR 10 at 1988'/606m from runway beginning.
 Elevation of displaced threshold: 126'.

DECLARED DISTANCES:

RWY	TORA	LDA
10	7854'/2394m	7854'/2394m
28		

Taxiways A-3R and A-3L will be out of service and taxiway A-2 will be used as entry to/exit from runway at displaced threshold RWY 10.

Works at a distance btn 1037'/316m and 1693'/516m from displaced threshold will take place during night hours btn 01:00 and 06:00 LT when the runway is closed. The rest of the works beyond 1693'/516m from displaced threshold will be carried out during day hours.

Disconnection of runway 10 CAT I approach system.

GS ILS RWY 10 will be out of service.

AFFECTED PROCEDURES:

VOR Z Rwy 10 (13-1):

Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.10°	384	494	548	658	768	878

ATE DME	5.0	4.0	3.0	2.0	1.0
ALTITUDE	2090'	1770'	1440'	1120'	790'

LEAL/ALC

JEPPESEN
 15 OCT 10 **10-8A** Eff 21 Oct

ALICANTE, SPAIN
 ALICANTE

**WIP ON RWY 10 THRESHOLD
 AND EXTENSION OF AIRCRAFT HOLDING BAYS**
 REFER ALSO TO LATEST NOTAMS

VOR Y Rwy 10 (13-2):

Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.20°	396	510	566	679	793	906

ATE DME	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
ALTITUDE	3490'	3150'	2820'	2480'	2150'	1810'	1480'	1140'	810'

Minimum altitude at D1.8 ATE 1030'.

The following procedures will be 'NOT USABLE' while any works having an effect on LOC IAT are taking place:

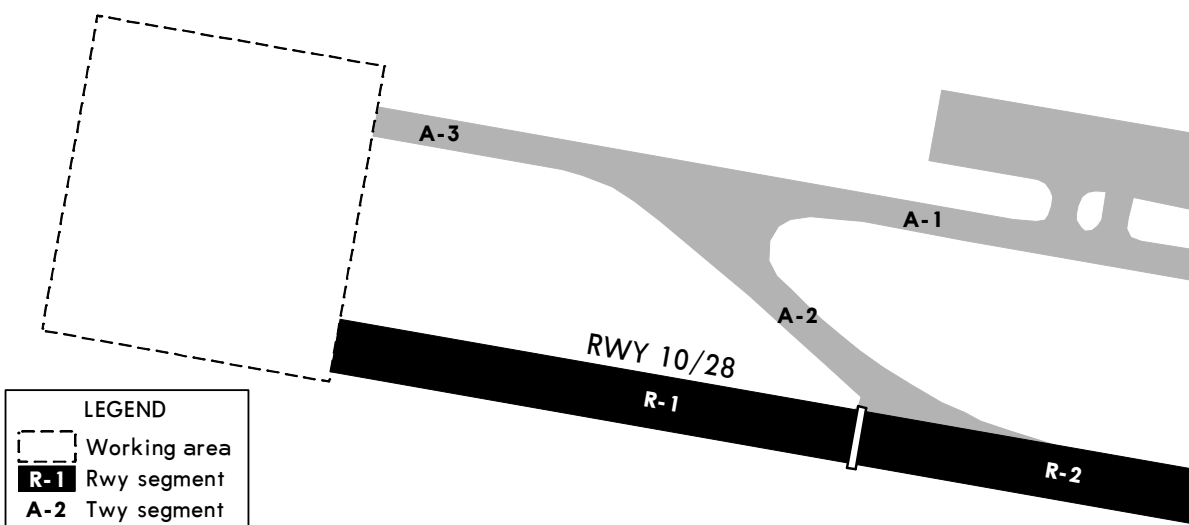
ILS Z or LOC A Rwy 10 (11-1) and ILS Y or LOC B RWY 10 (11-2).

PHASE 1.3

Once the works that have caused the displacement of THR 10 have been finished, the threshold will be reestablished at its original position with markings and lighting systems.

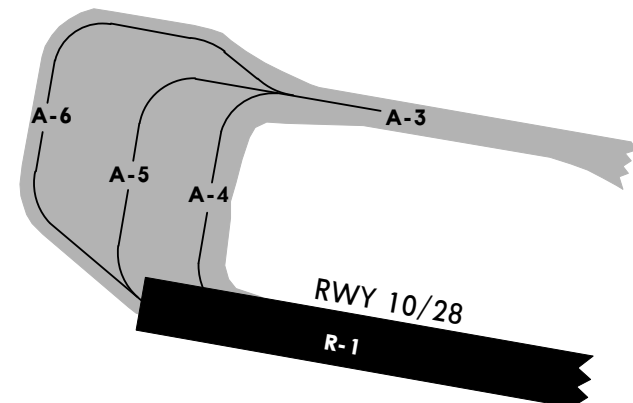
2. WIP FOR EXTENSION OF AIRCRAFT HOLDING BAYS

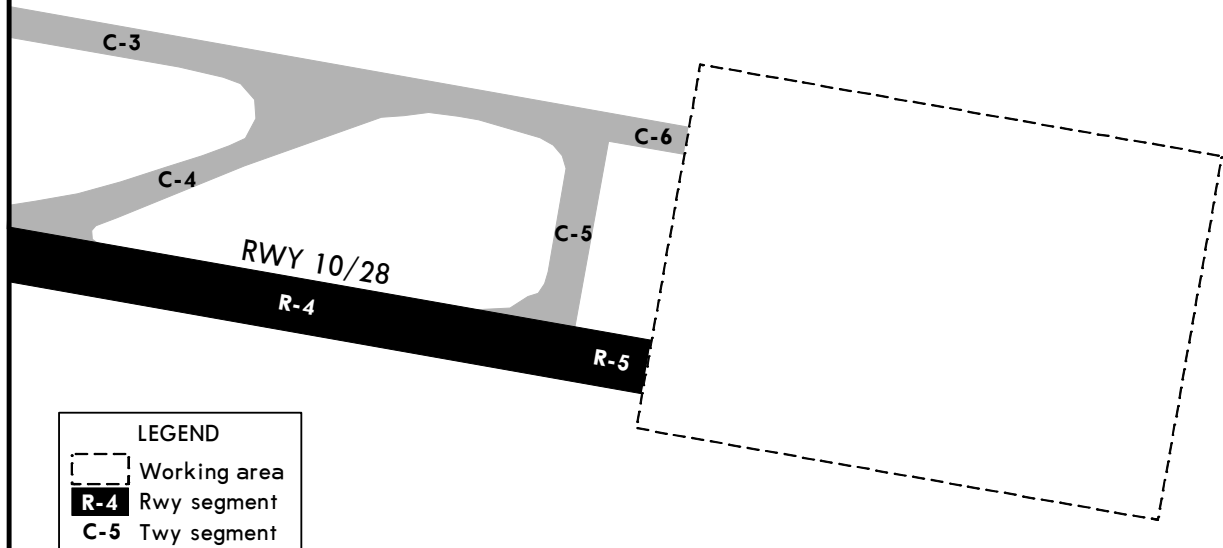
AREA A



Works at a distance less than 1693'/516m from displaced threshold will take place during night hours b/n 01:00 and 06:00 LT without scheduled flights or when the runway is closed. The rest of the works beyond 1693'/516m from displaced threshold will be carried out during day hours with taxiway A-3 and runway segment R-1 closed.

At the end of this phase the configuration of holding bays at THR 10 will be as shown below:



LEAL/ALC**JEPPESEN**
15 OCT 10 **(10-8B)** **Eff 21 Oct****ALICANTE, SPAIN**
ALICANTE**WIP ON RWY 10 THRESHOLD
AND EXTENSION OF AIRCRAFT HOLDING BAYS**
REFER ALSO TO LATEST NOTAMS**AREA B**

Works at a distance beyond 156'/47.5m from taxiway centerline and beyond 246'/75m from runway centerline will be carried out during day hours. Works at a distance of less than 156'/47.5m from taxiway centerline or less than 246'/75m from runway centerline will be carried out during night hours b/n 01:00 and 06:00 LT when the runway is closed or with Tower coordination when the runway is available.

PHASE 2.1

Construction of new taxiway C-7.

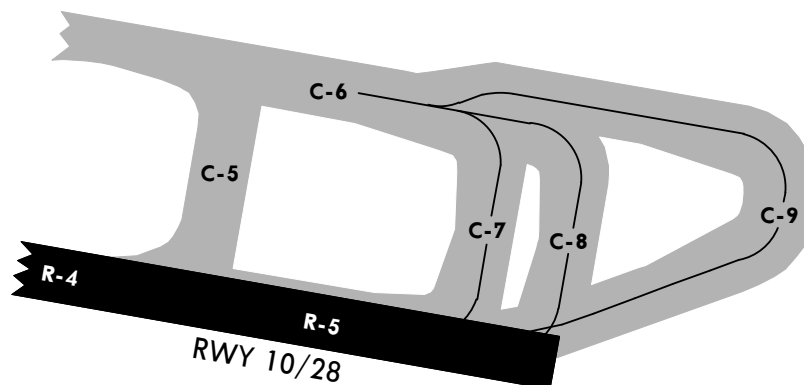
PHASE 2.2

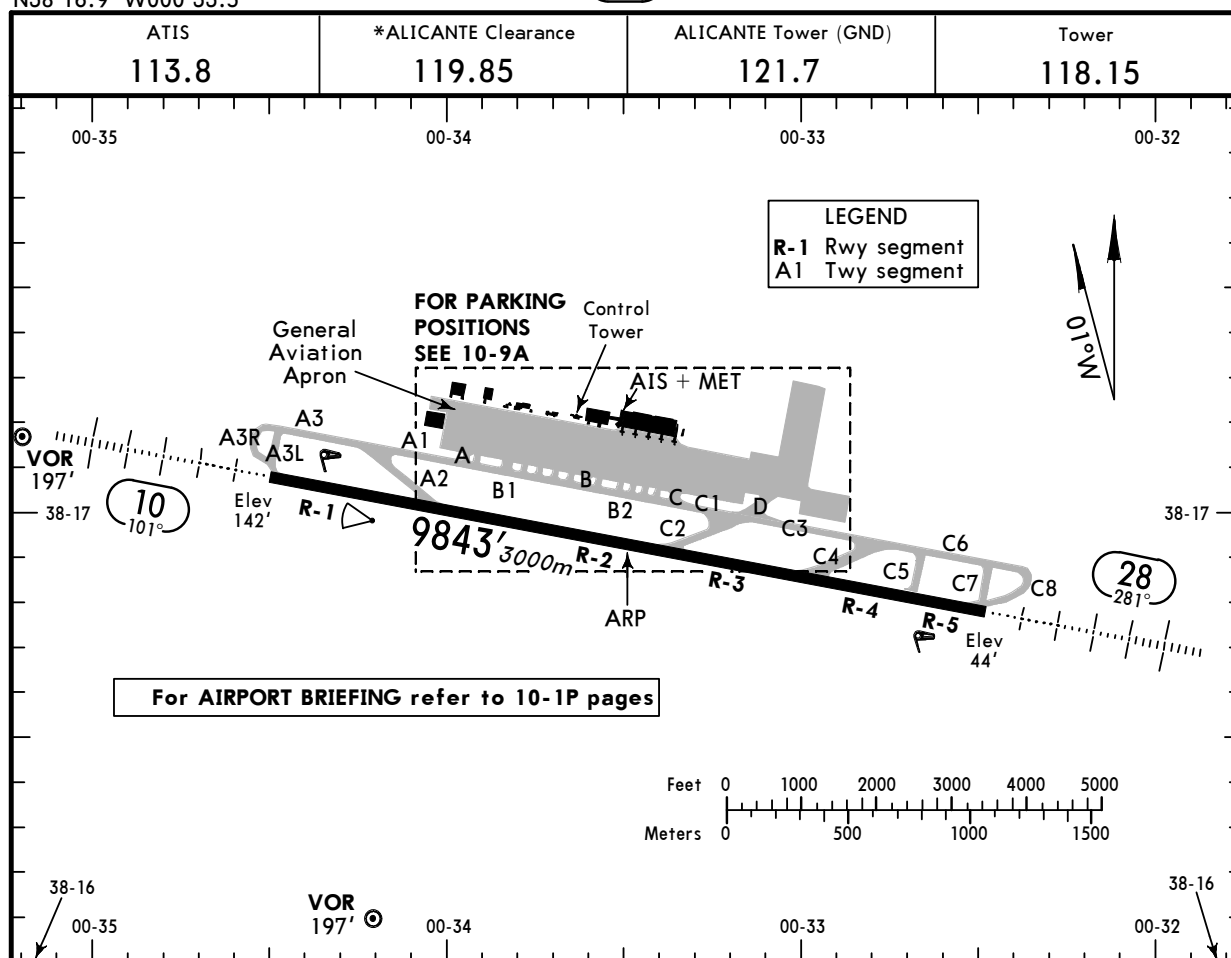
Works on new taxiway C-8.

PHASE 2.3

Works on new taxiway C-9.

At the end of this phase the configuration of holding bays at THR 28 will be as shown below:



LEAL/ALCApt Elev **142'**
N38 16.9 W000 33.5**JEPPesen**28 AUG 09 **(10-9)****ALICANTE, SPAIN****ALICANTE****ADDITIONAL RUNWAY INFORMATION**

RWY		USABLE LENGTHS			WIDTH
		Threshold	Landing Beyond Glide Slope	Take-off	
10	HIRL (50m) CL (15m) HIALS REIL PAPI (3.0°) ① RVR		8694' 2650m		148'
28	HIRL (50m) CL (15m) HIALS PAPI (3.0°) ②			③	45m

① HST-C2&C4

② HST-A2

③ TAKE-OFF RUN AVAILABLE

RWY 28:

From rwy head	9843' (3000m)
twy C5 int	8858' (2700m)

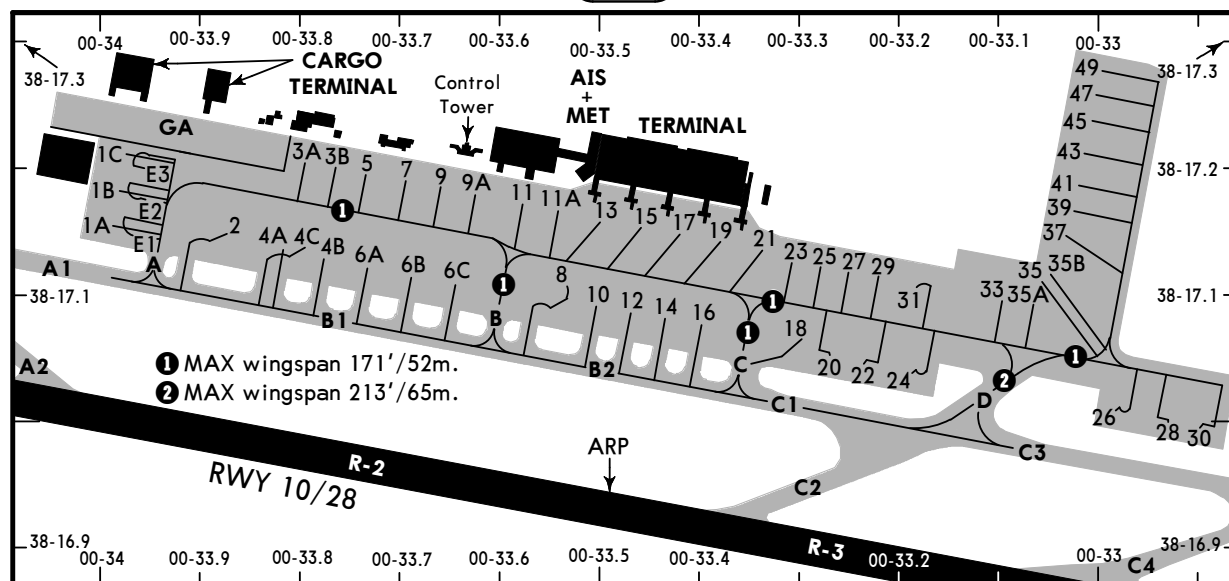
Standard**TAKE-OFF ①**

	All Rwys				
	LVP must be in force				
	Approved Operators HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A					
B	125m	150m	200m	250m	400m
C					
D	150m	200m	250m	300m	500m

① Operators applying U.S. Ops Specs: CL required below 300m.

LEAL/ALC**JEPPESEN****ALICANTE, SPAIN**

28 AUG 09

10-9A**ALICANTE****INS COORDINATES**

STAND No.	COORDINATES	STAND No.	COORDINATES
1A thru 1C	N38 17.2 W000 34.0	19	N38 17.2 W000 33.4
2	N38 17.2 W000 33.9	20, 21	N38 17.1 W000 33.3
3A, 3B	N38 17.2 W000 33.8	22	N38 17.0 W000 33.3
4A thru 4C	N38 17.1 W000 33.8	23	N38 17.1 W000 33.3
5	N38 17.2 W000 33.8	24	N38 17.0 W000 33.2
6A	N38 17.1 W000 33.8	25	N38 17.1 W000 33.3
6B, 6C	N38 17.1 W000 33.7	26	N38 17.0 W000 33.0
7	N38 17.2 W000 33.7	27	N38 17.1 W000 33.3
8	N38 17.1 W000 33.6	28	N38 17.0 W000 32.9
9	N38 17.2 W000 33.7	29	N38 17.1 W000 33.2
9A	N38 17.2 W000 33.6	30	N38 17.0 W000 32.9
10	N38 17.1 W000 33.5	31	N38 17.1 W000 33.2
11, 11A	N38 17.2 W000 33.6	33 thru 35B	N38 17.1 W000 33.1
12	N38 17.1 W000 33.5	37	N38 17.2 W000 33.1
13	N38 17.2 W000 33.5	39 thru 45	N38 17.2 W000 33.0
14	N38 17.1 W000 33.5	47, 49	N38 17.3 W000 33.0
15	N38 17.2 W000 33.5	E1	N38 17.1 W000 34.0
16	N38 17.1 W000 33.4	E2, E3	N38 17.2 W000 33.9
17	N38 17.2 W000 33.4		
18	N38 17.1 W000 33.3		

LEAL/ALC **JEPPESEN**
17 SEP 10 **10-9X** Eff 23 Sep**JAA MINIMUMS**
ALICANTE, SPAIN
ALICANTE

STRAIGHT-IN RWY		A	B	C	D
10	ILS	356' (214')	366' (224')	376' (234')	386' (244')
		R600m	R600m	R600m	R600m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC <i>ALS out</i>	Refer to CIRCLE-TO-LAND			
	VOR Z	700' (558')	700' (558')	700' (558')	700' (558')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	VOR Y	650' (508')	650' (508')	650' (508')	650' (508')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
28	VOR Z or Y	540' (496')	540' (496')	Refer to CIRCLE-TO-LAND	
		R1000m	R1200m		
	<i>ALS out</i>	R1500m	R1500m		
	VOR X	510' (466')	510' (466')	510' (466')	510' (466')
		R1000m	R1200m	R1200m	R1600m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
Not authorized North of airport	960' (818')	1090' (948')	1240' (1098')	1370' (1228')
	V1500m	V1600m	V2400m	V3600m

TAKE-OFF RWY 10, 28

LVP must be in Force			
RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	200m	400m	500m
B			
C			
D	250m	300m	

LEAL/ALC
ALICANTE

JEPPESSEN
17 SEP 10
Eff 23 Sep 11-1

ALICANTE, SPAIN
ILS Z or LOC A Rwy 10

ATIS 113.8		VALENCIA Control (APP) 120.4 118.8		ALICANTE Tower 118.15		Ground 121.7		
LOC IAT 110.3	Final Apch Crs 101°	GS Lctr 1504' (1362')	ILS DA(H) Refer to Minimums		Apt Elev 142' RWY 142'			

MISSED APCH: Climb on 101° to D3.0 ALT. Climbing turn RIGHT to intercept and follow R-127 direct to MAGAL to 4000' and hold.

MSA
ALT VOR

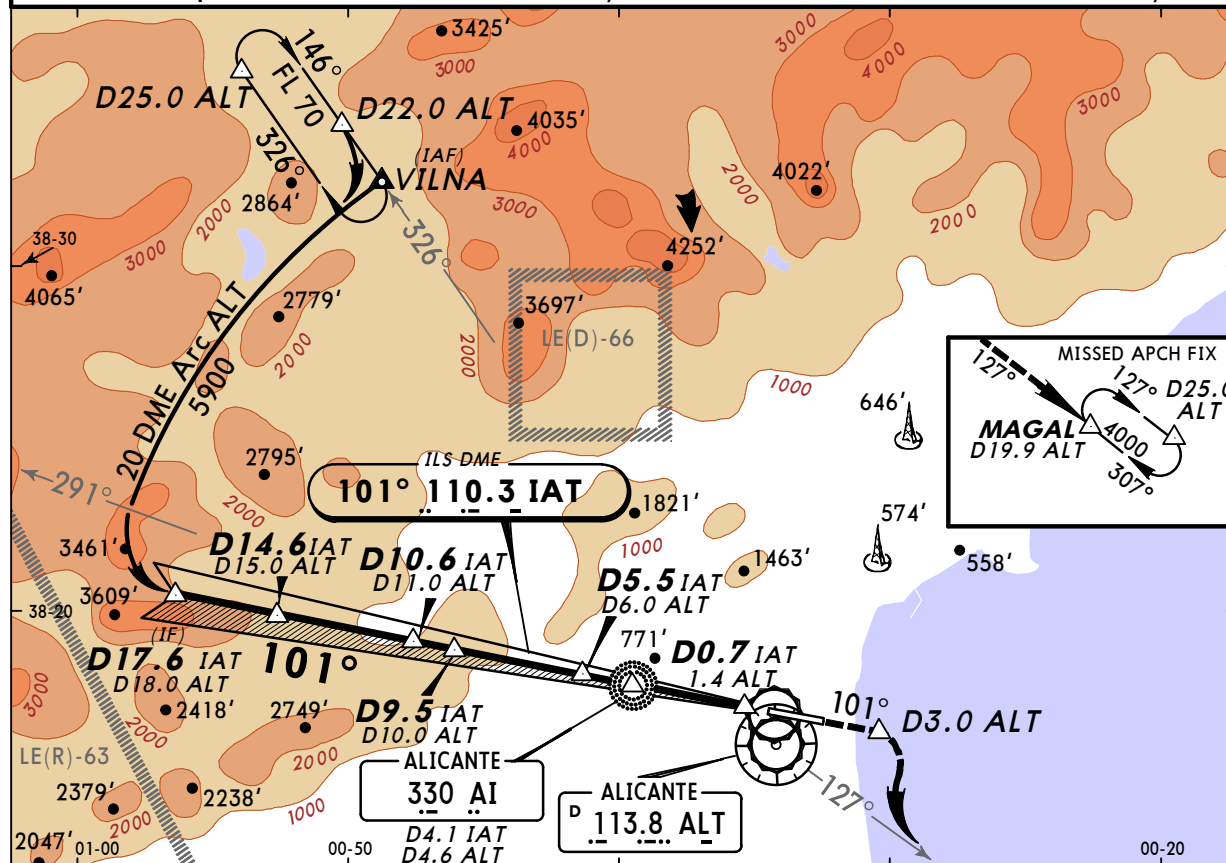
Alt Set: hPa

Rwy Elev: 5 hPa

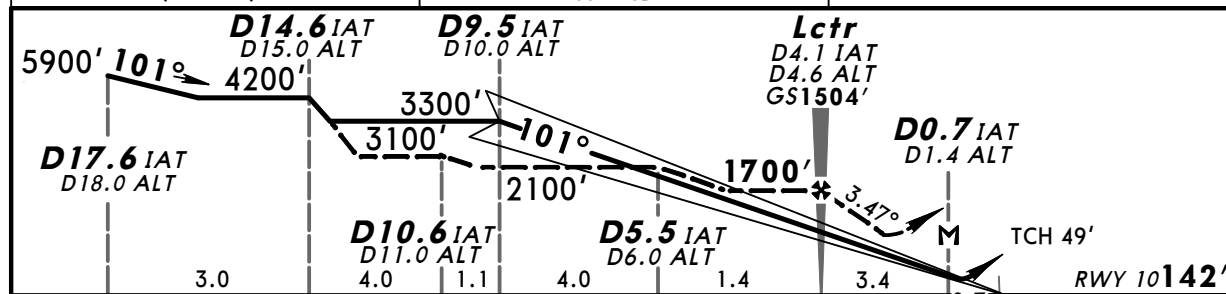
Trans level: By ATC

Trans alt: 6000'

1. **VOR DME required.** 2. ILS DME reads zero at rwy 10 threshold. 3. ILS: No obstacle free zone rwy 10.



LOC (GS out)	IAT DME	4.0
	ALTITUDE	1670'



<i>Gnd speed-Kts</i>	70	90	100	120	140	160	
<i>ILS GS</i> 3.00°	377	485	539	647	755	862	
<i>LOC Desc Angle</i> 3.47°	430	553	614	737	860	983	
<i>MAP at D0.7 IAT/D1.0 ALT</i>							

Standard

STRAIGHT-IN LANDING RWY 10

LOC (GS out)

CIRCLE-TO-LAND

CIRCLE-TO-LAND
Not authorized
North of airport

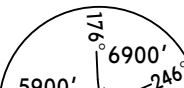
$DA(H)$ B: 372' (<i>230'</i>) D: 391' (<i>249'</i>)						
FULL		Limited	ALS out			
A	RVR 550m	RVR 750m	RVR 1200m	Refer to CIRCLE-TO-LAND	Max Kts. 100	$MDA(H)$ 960' (<i>818'</i>) VIS 1500m
B					135	1090' (<i>948'</i>) 1600m
C			180		1240' (<i>1098'</i>) 2400m	
D			205		1370' (<i>1228'</i>) 3600m	

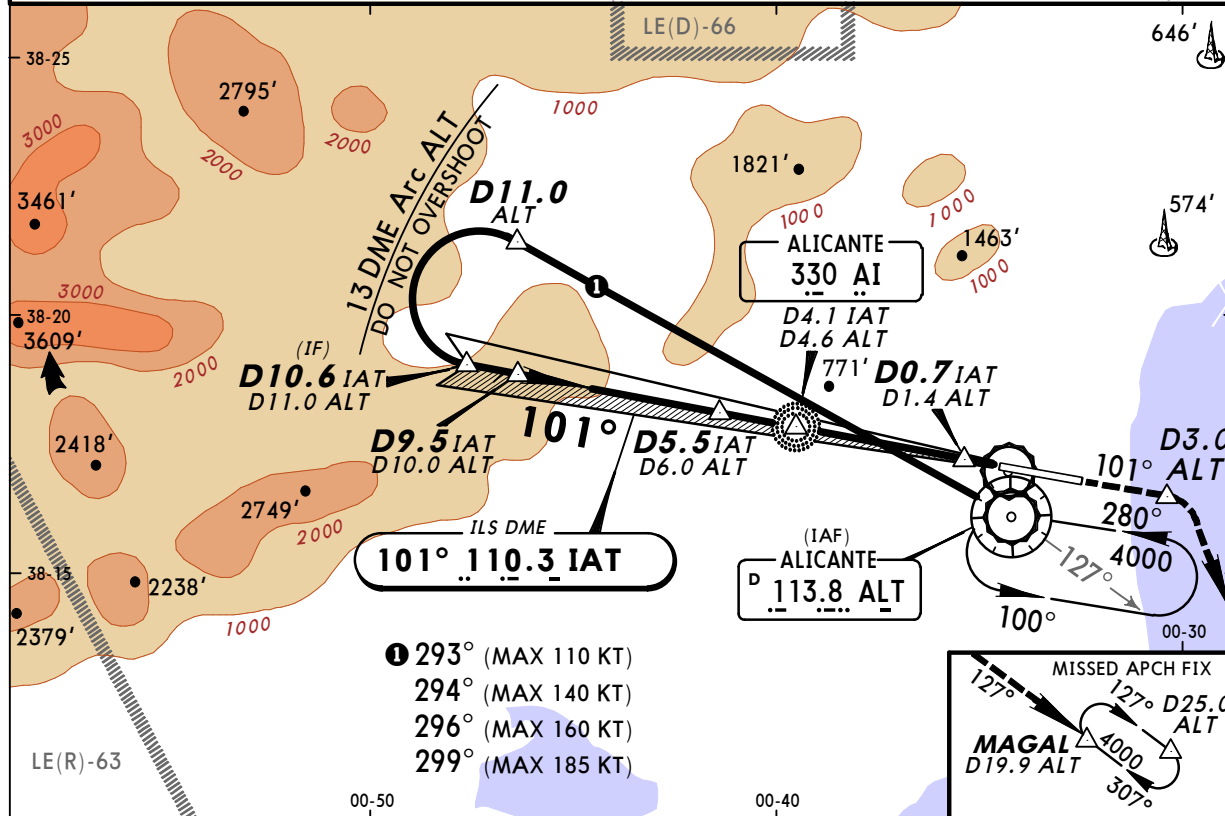
LEAL/ALC ALICANTE

JEPPESEN
17 SEP 10
Eff 23 Sep (11-2)

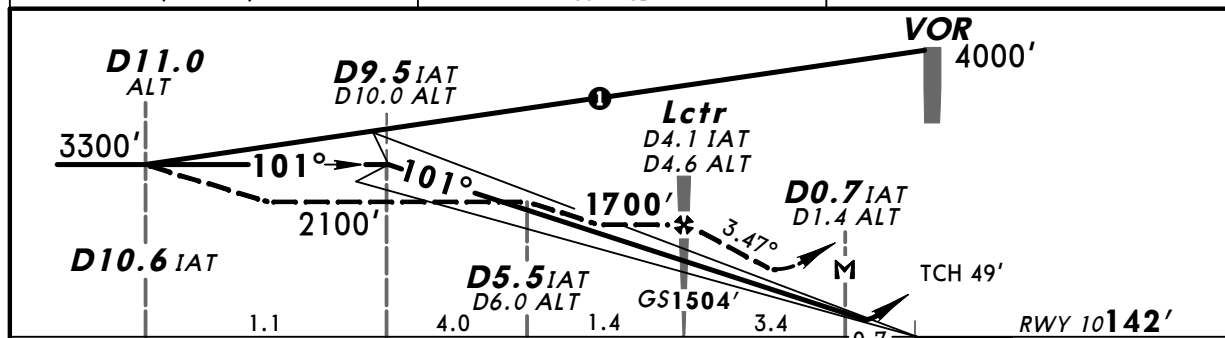
ALICANTE, SPAIN ILS Y or LOC B Rwy 10

BRIEFING STRIP

ATIS 113.8		VALENCIA Control (APP) 120.4 118.8		ALICANTE Tower 118.15		Ground 121.7			
LOC IAT 110.3		Final Apch Crs 101°		GS Lctr 1504' (1362')		ILS DA(H) Refer to Minimums			Apt Elev 142' RWY 142'
MISSED APCH: Climb on 101° to D3.0 ALT. Climbing turn RIGHT to intercept and follow R-127 direct to MAGAL to 4000' and hold.									
Alt Set: hPa Rwy Elev: 5 hPa Trans level: By ATC Trans alt: 6000'									
1. VOR DME required. 2. ILS DME reads zero at rwy 10 threshold. 3. ILS: No obstacle free zone rwy 10.									



LOC (GS out)	IAT DME ALTITUDE	4.0 1670'
-----------------	---------------------	--------------



Gnd speed-Kts	70	90	100	120	140	160	HIALS REIL PAPI PAPI D3.0 ALT on 101°
ILS GS	3.00°	377	485	539	647	755	
LOC Desc Angle	3.47°	430	553	614	737	860	
MAP at D0.7 IAT/D1.0 ALT							

Standard STRAIGHT-IN LANDING RWY 10				LOC (GS out)		CIRCLE-TO-LAND	
ILS A: 360' (218') C: 380' (238') DA(H) B: 372' (230') D: 391' (249')						Not authorized North of airport	
FULL		Limited	ALS out			Max Kts	MDA(H) VIS
A						100	960' (818') 1500m
B						135	1090' (948') 1600m
C		RVR 550m	RVR 750m	Refer to CIRCLE-TO-LAND		180	1240' (1098') 2400m
D			RVR 1300m			205	1370' (1228') 3600m

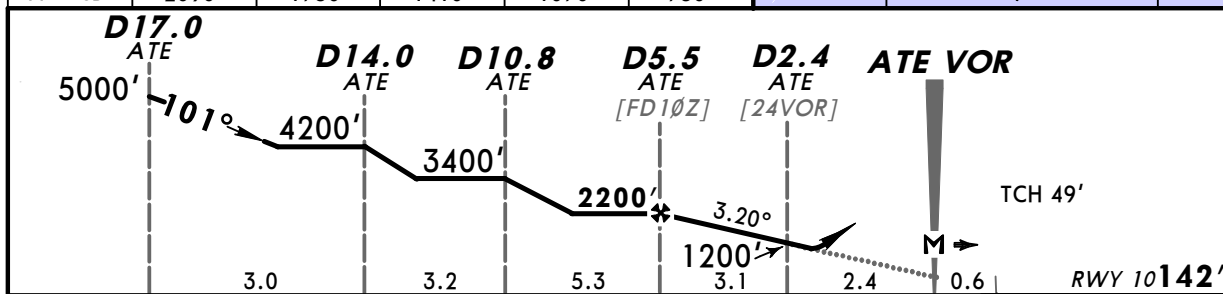
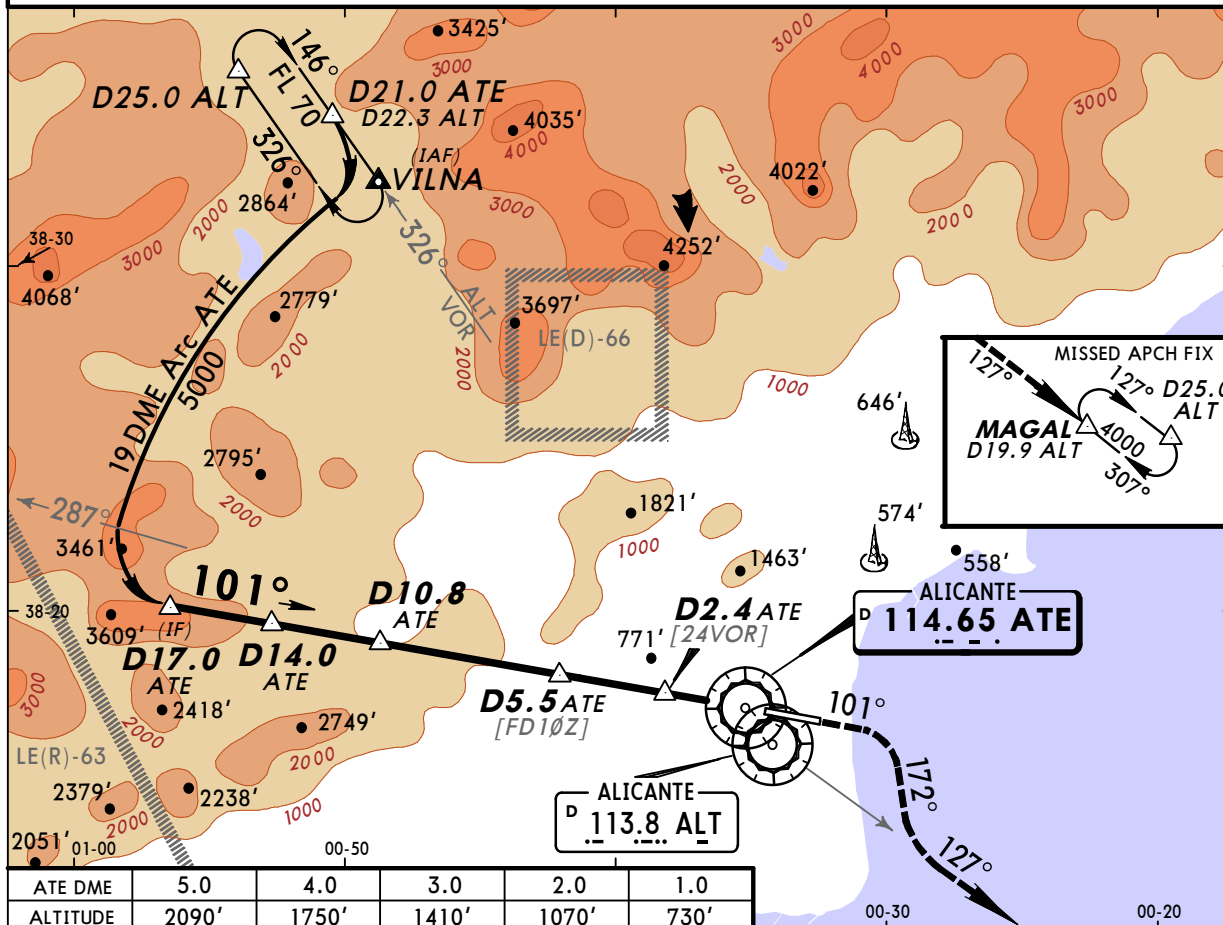
LEAL/ALC ALICANTE

JEPPesen
24 JUL 09 **(13-1)** Eff 30 Jul

ALICANTE, SPAIN VOR Z Rwy 10

BRIEFING STRIP

ATIS 113.8		ALICANTE Approach 120.4 118.8		ALICANTE Tower 118.15		Ground 121.7		MSA ATE VOR		
VOR ATE 114.65		Final Apch Crs 101°		Minimum Alt D5.5 2200' (2058')		DA(H) 700' (558')			Apt Elev 142' RWY 142'	
MISSED APCH: Climb on R-101 ATE to 1600', then turn RIGHT onto 172° and follow R-127 ALT direct to MAGAL to 4000' and hold.										
Alt Set: hPa		Rwy Elev: 5 hPa		Trans level: By ATC		Trans alt: 6000'				
1. DME REQUIRED.										



Gnd speed-Kts	70	90	100	120	140	160	
Descent Angle	3.20°	396	510	566	679	793	
MAP at ATE VOR							

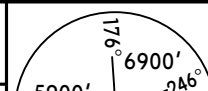
Standard				STRAIGHT-IN LANDING RWY 10		CIRCLE-TO-LAND Not authorized North of airport	
				DA(H) 700' (558')			
				ALS out		Max Kts	MDA(H) VIS
A	RVR 1500m					100	960' (818') 1500m
B						135	1090' (948') 1600m
C	RVR 1800m			CMV 2400m		180	1240' (1098') 2400m
D						205	1370' (1228') 3600m

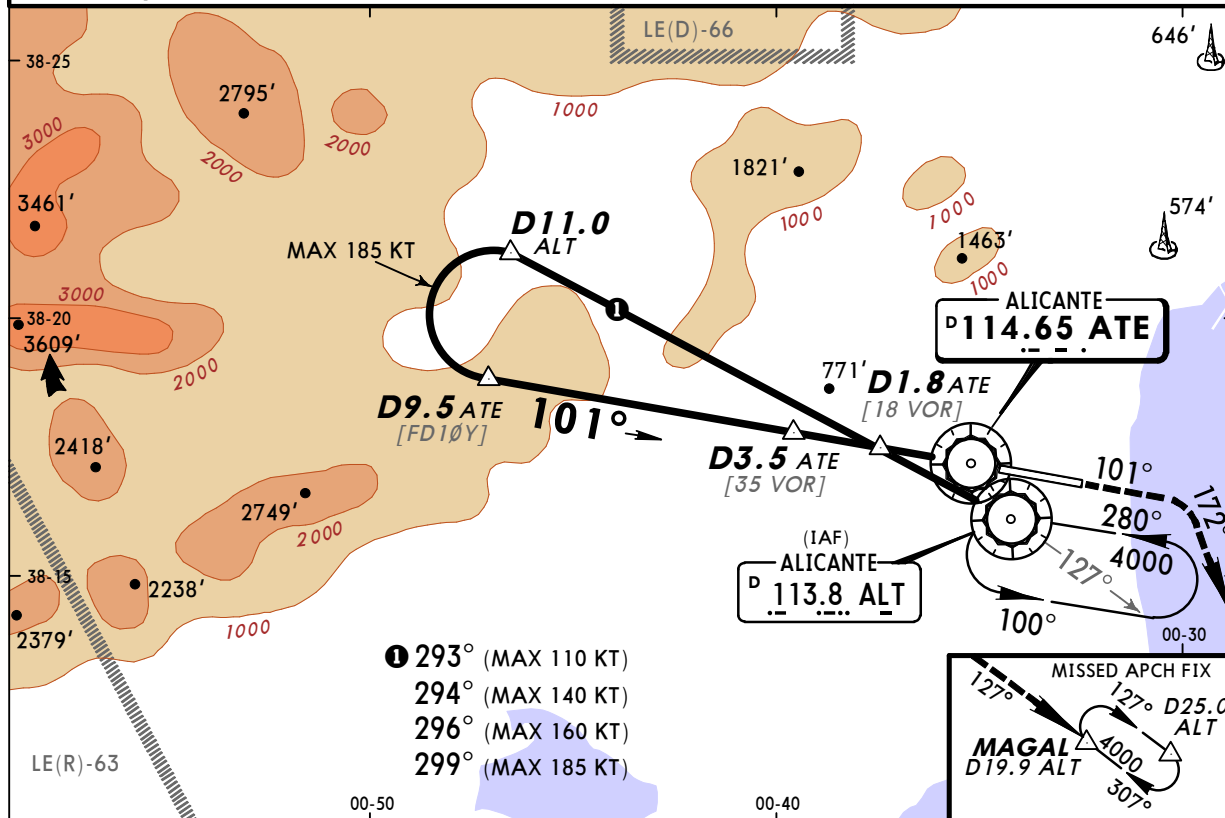
LEAL/ALC ALICANTE

JEPPesen
24 JUL 09 **(13-2)** **Eff 30 Jul**

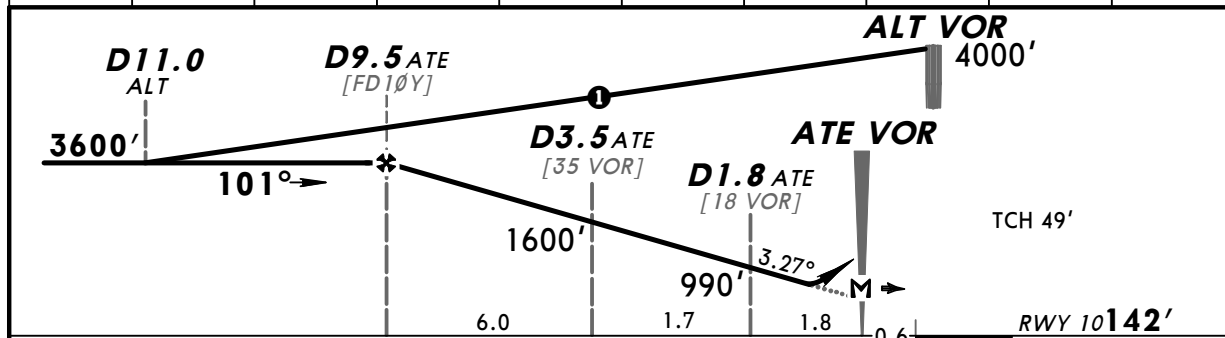
ALICANTE, SPAIN VOR Y Rwy 10

BRIEFING STRIP

ATIS 113.8		ALICANTE Approach 120.4 118.8		ALICANTE Tower 118.15		Ground 121.7		
VOR ATE 114.65	Final Apch Crs 101°	Minimum Alt D9.5 3600' (3458')	DA(H) 650' (508')		Apt Elev 142' RWY 142'			
MISSED APCH: Climb on R-101° ATE to 1600', then turn RIGHT onto 172° and follow R-127 ALT direct to MAGAL to 4000' and hold.								
Alt Set: hPa		Rwy Elev: 5 hPa		Trans level: By ATC				
1. DME REQUIRED.							Trans alt: 6000'	



ATE DME	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
ALTITUDE	3480'	3140'	2800'	2450'	2110'	1760'	1420'	1080'	730'



Gnd speed-Kts	70	90	100	120	140	160	1600' on 101°
Descent Angle	3.27°	405	521	579	694	810	
MAP at ATE VOR							

Standard						STRAIGHT-IN LANDING RWY 10		CIRCLE-TO-LAND Not authorized North of airport	
						DA(H) 650' (508')			
						ALS out		Max Kts	MDA(H) VIS
A	RVR 1500m							100	960' (818') 1500m
B								135	1090' (948') 1600m
C	RVR 1600m					CMV 2400m		180	1240' (1098') 2400m
D								205	1370' (1228') 3600m

PANS OPS 4

LEAL/ALC ALICANTE

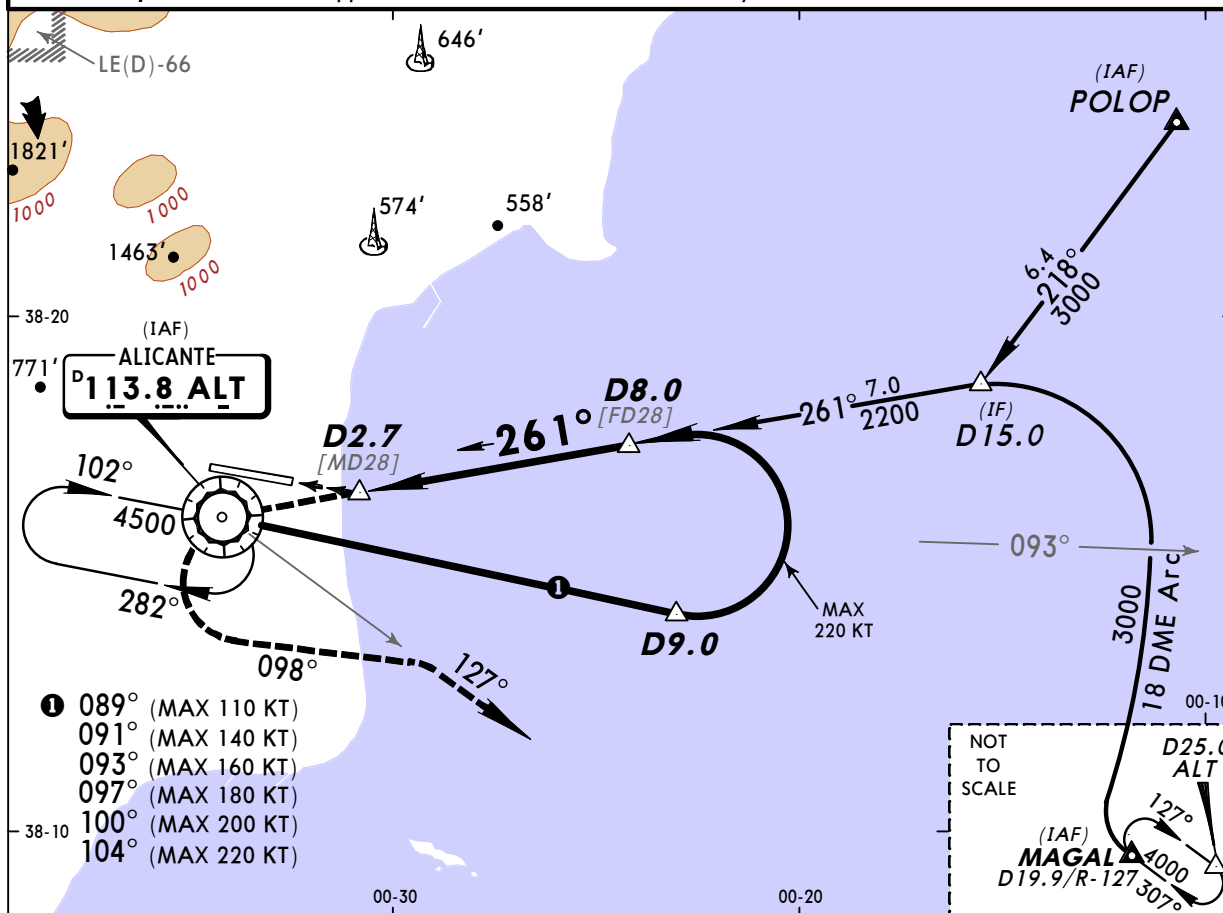
JEPPesen
17 SEP 10 **(13-3)** Eff 23 Sep

ALICANTE, SPAIN VOR Z Rwy 28

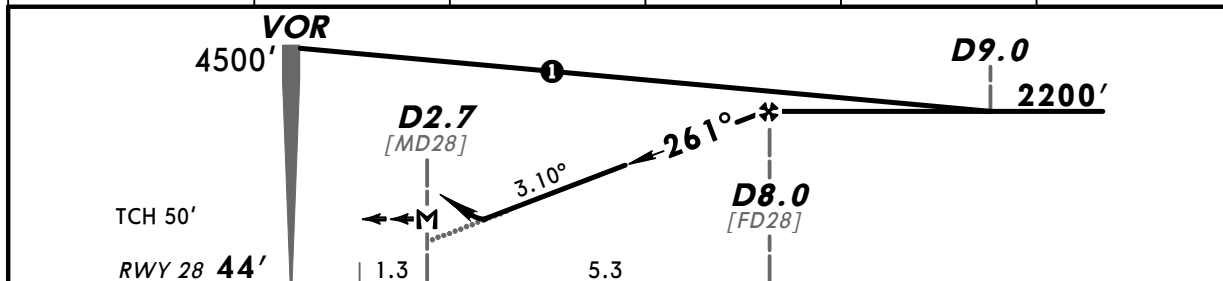
BRIEFING STRIP

ATIS 113.8		VALENCIA Control (APP) 120.4 118.8		ALICANTE Tower 118.15	Ground 121.7	MSA ALT VOR
VOR ALT 113.8	Final Apch Crs 261°	Minimum Alt D8.0 2200' (2156')	DA(H) Refer to Minimums	Apt Elev 142' RWY 44'		
MISSED APCH: Climb direct to VOR, then turn LEFT (MAX 220 KT) onto 098° to intercept and follow R-127 to MAGAL, join holding and climb to 4000'.						
Alt Set: hPa Rwy Elev: 2 hPa Trans level: By ATC 1. DME required. 2. Final approach track offset 20° from runway centerline.						

Alt Set: hPa Rwy Elev: 2 hPa Trans level: By ATC
1. **DME required.** 2. Final approach track offset 20° from runway centerline. Trans alt: 6000'



ALT DME	3.0	4.0	5.0	6.0	7.0
ALTITUDE	560'	890'	1220'	1550'	1880'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI PAPI ALT 113.8 098° 220 KT MAX LT
Descent Angle	3.10°	384	494	548	658	768	
MAP at D2.7							

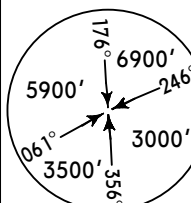
Standard STRAIGHT-IN LANDING RWY 28				CIRCLE-TO-LAND	
DA(H) AB: 540' (496')				Not authorized North of airport	
RVR 1500m		CMV 2300m		Max Kts	MDA(H) VIS
Refer to CIRCLE-TO-LAND				100	960' (818') 2300m
				135	1090' (948') 2300m
				180	1240' (1098') 2400m
				205	1370' (1228') 3600m

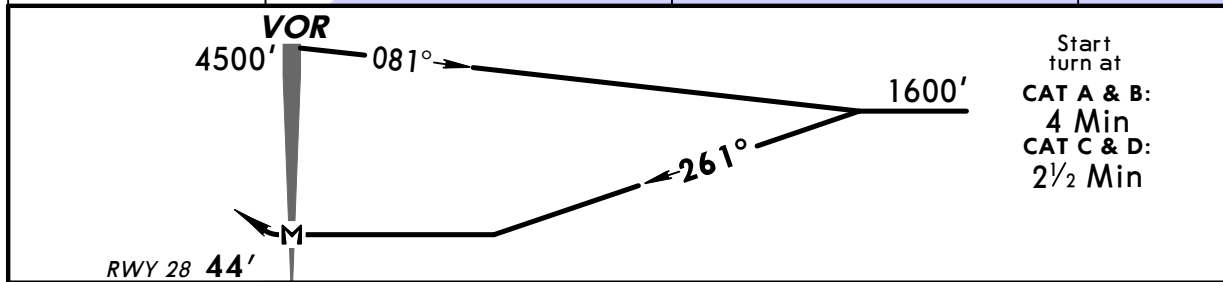
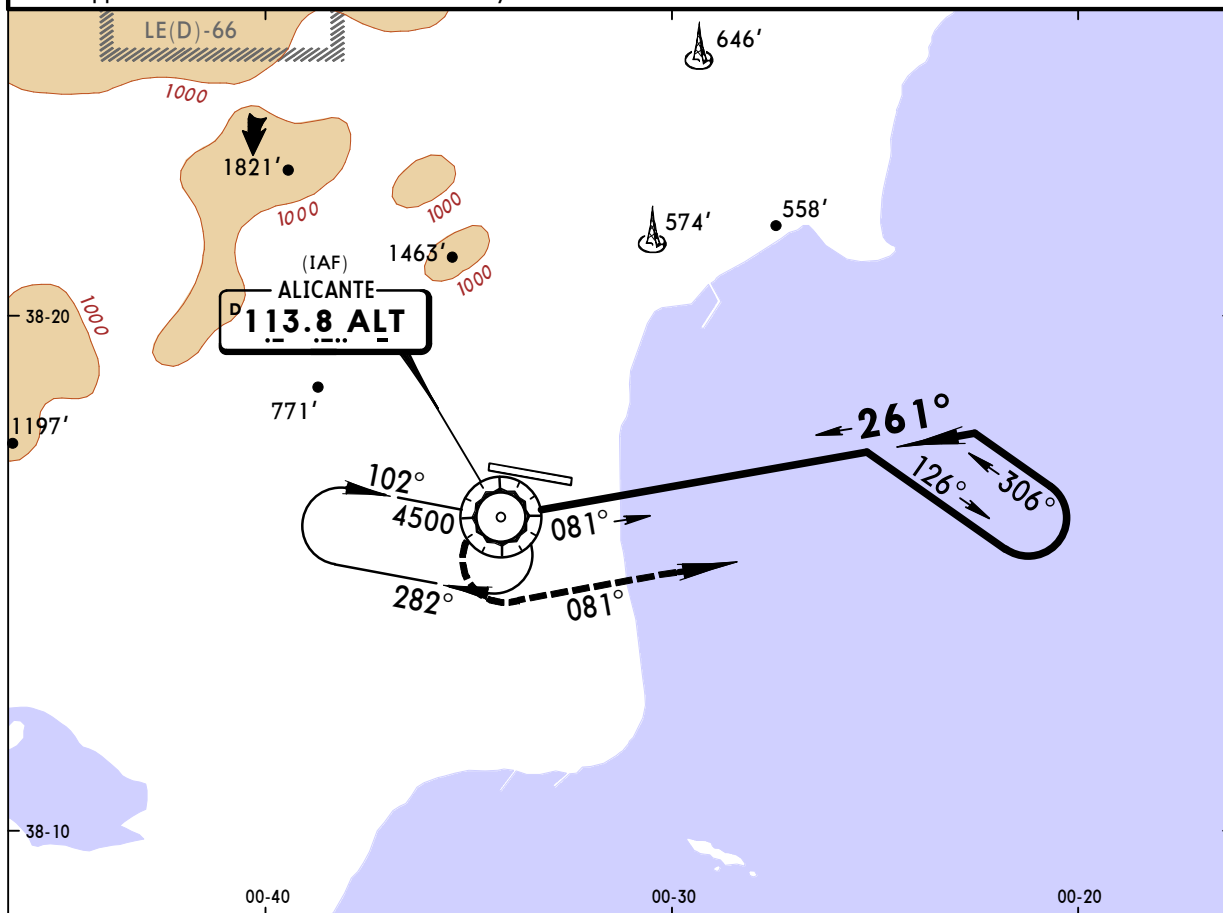
LEAL/ALC
ALICANTE

JEPPESEN
17 SEP 10 **(13-4)** **Eff 23 Sep**

ALICANTE, SPAIN
VOR Y Rwy 28

BRIEFING STRIP

ATIS 113.8		VALENCIA Control (APP) 120.4 118.8		ALICANTE Tower 118.15		Ground 121.7				
VOR ALT 113.8		Final Apch Crs 261°		Minimum Alt No FAF		MDA(H) Refer to Minimums			Apt Elev 142' RWY 44'	
MISSED APCH: Turn LEFT (MAX 220 KT) onto 081° climbing to 4000', then return to holding climbing to 4500'.										
Alt Set: hPa Rwy Elev: 2 hPa Trans level: By ATC Final approach track offset 20° from runway centerline.									Trans alt: 6000'	



MAP at VOR				HIALS	081°	220 KT	4000'
Standard				PAPI	LT	MAX	↑
STRAIGHT-IN LANDING RWY 28				CIRCLE-TO-LAND			
MDA(H) AB: 540' (496')				Not authorized North of airport			
ALS out				Max Kts	MDA(H)	VIS	
A	RVR 1700m		CMV 2500m	100	960' (818')	2500m	
B				135	1090' (948')	2500m	
C				180	1240' (1098')	2400m	
D	Refer to CIRCLE-TO-LAND			205	1370' (1228')	3600m	

PANS OPS 4

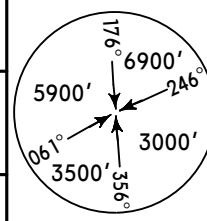
LEAL/ALC
ALICANTE

JEPPesen
5 FEB 10 **(13-5)**

ALICANTE, SPAIN
VOR X Rwy 28

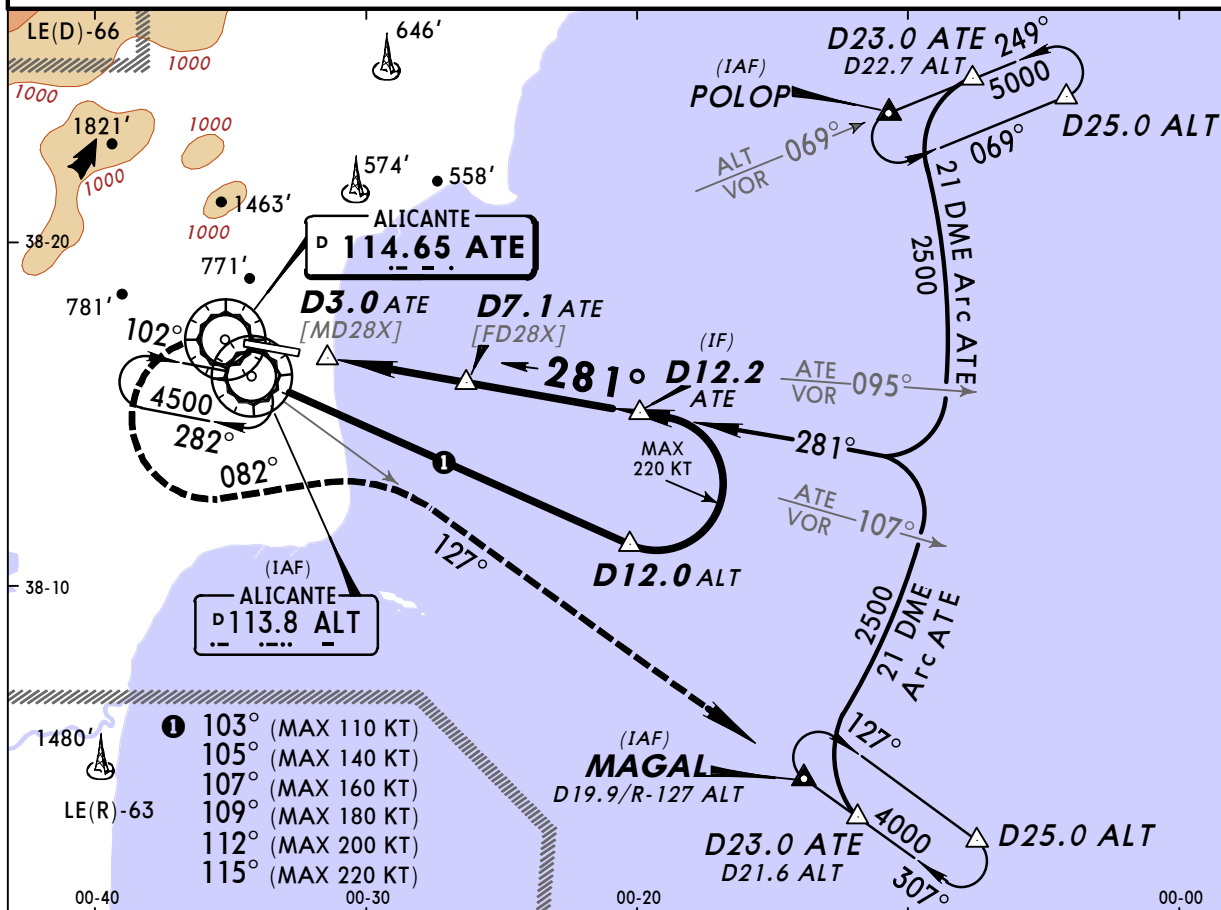
BRIEFING STRIP

ATIS 113.8	ALICANTE Approach 120.4 118.8	ALICANTE Tower 118.15	Ground 121.7
VOR ATE 114.65	Final Apch Crs 281°	Minimum Alt D7.1 ATE 1700' (1656')	DA(H) 510' (466')
			Apt Elev 142' RWY 44'

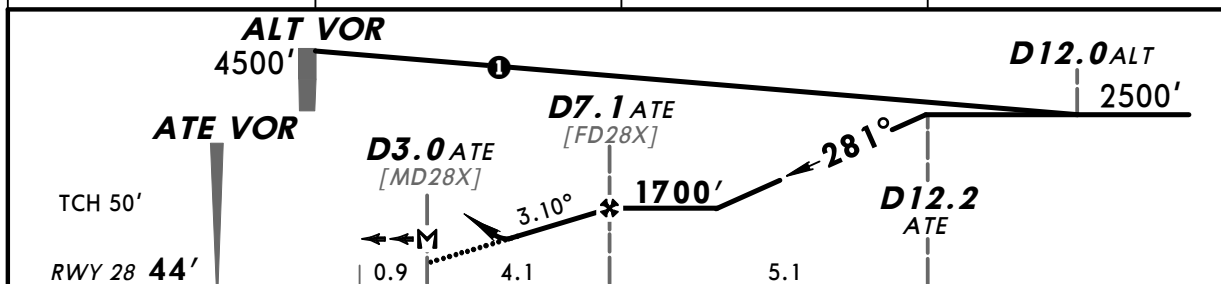


MISSED APCH: Climb direct to ATE VOR, then turn **LEFT** (MAX 200 KT) onto 082° and follow R-127 ALT direct to **MAGAL** to 4000' and hold.

Alt Set: hPa Rwy Elev: 2 hPa Trans level: By ATC Trans alt: 6000'



ATE DME	4.0	5.0	6.0
ALTITUDE	710'	1040'	1380'



Gnd speed-Kts	70	90	100	120	140	160	HIALS	ATE	082°	200 KT
Descent Angle	3.10°	384	494	548	658	768	PAPI	114.65	LT	MAX
MAP at D3.0 ATE										

Standard STRAIGHT-IN LANDING RWY 28				CIRCLE-TO-LAND			
DA(H) 510' (466')				Not authorized North of airport			
ALS out				Max Kts	MDA(H)	VIS	
RVR 1500m				100	960' (818')	1500m	
				135	1090' (948')	1600m	
CMV 2200m				180	1240' (1098')	2400m	
				205	1370' (1228')	3600m	