

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

No revision activity since Disc 22-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport LEAM

LEAM (Almeria)**General Info**

Almeria, ESP

N 36° 50.6' W 02° 22.2' Mag Var: 2.5°W

Elevation: 70'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: 100LL, Jet A-1

Time Zone Info: GMT+1:00 uses DST

Runway Info

Runway 08-26 10499' x 148' asphalt

Runway 08 (75.0°M) TDZE 26'

Lights: Edge, ALS

Displaced Threshold Distance 492'

Runway 26 (255.0°M) TDZE 70'

Lights: Edge, ALS

Communications InfoAlmeria Tower **118.35**Almeria Tower **257.80** MilitaryAlmeria Ground Control **121.7**Almeria Approach Control **118.35****Notebook Info**

LEAM/LEI
ALMERIA

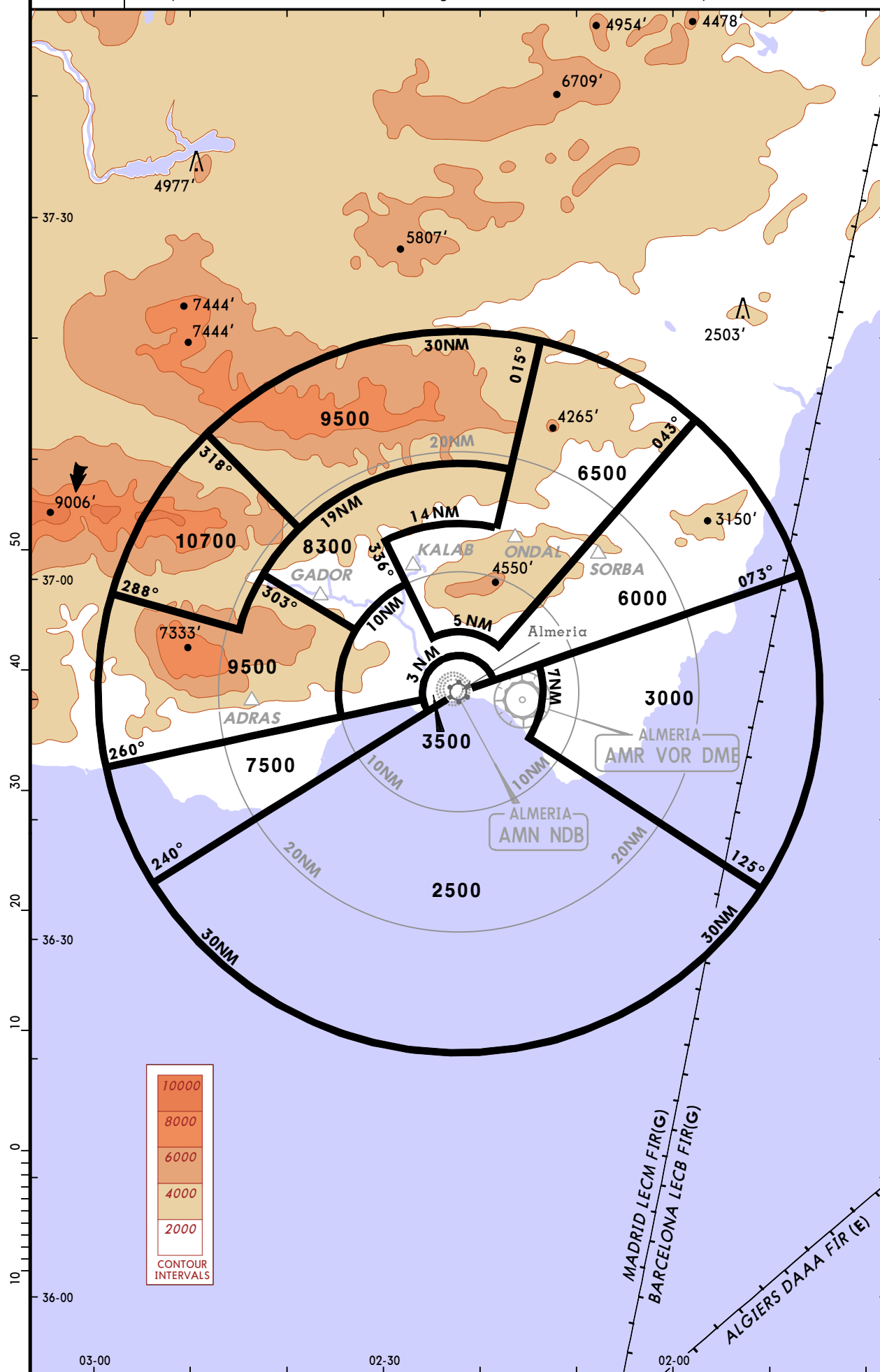
JEPPESEN
16 JAN 09 **(10-1R)**

ALMERIA, SPAIN

RADAR MINIMUM ALTITUDES

Apt Elev
70'

Alt Set: hPa Trans level: By ATC Trans alt: 6000'
The published minimum altitudes integrate no correction for low temperatures.



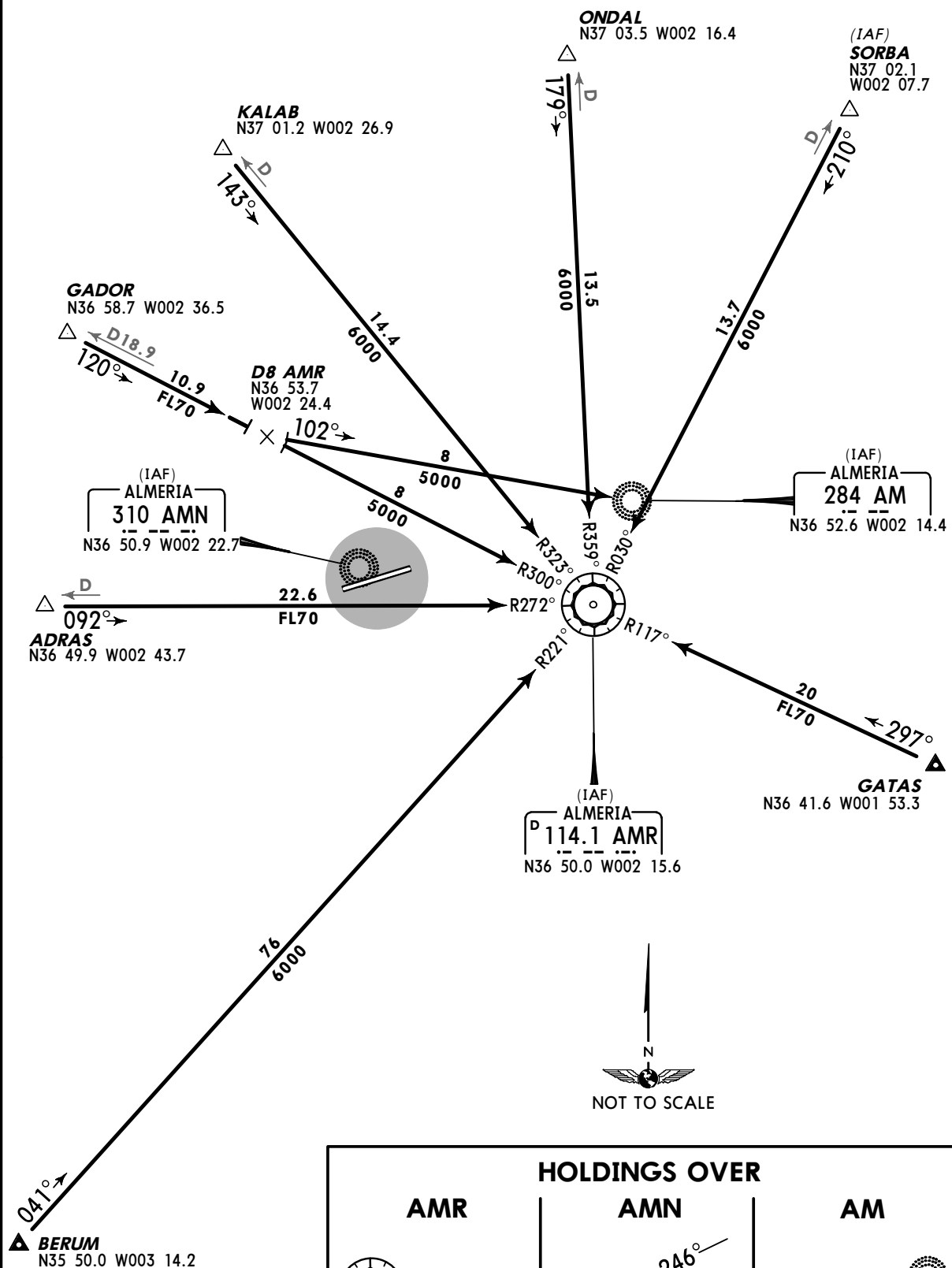
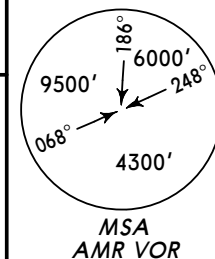
LEAM/LEI
ALMERIA

JEPPESEN
 13 JUN 03 **(10-2)**

ALMERIA, SPAIN
ARRIVALS

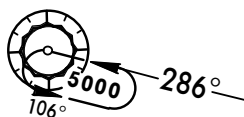
Apt Elev 70' Alt Set: hPa Trans level: By ATC Trans alt: 6000'

ARRIVAL PROCEDURES

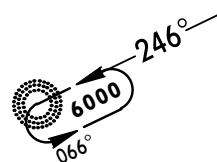


HOLDINGS OVER

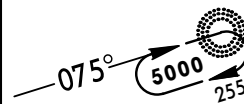
AMR



AMN



AM

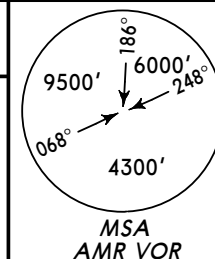


LEAM/LEI
ALMERIA

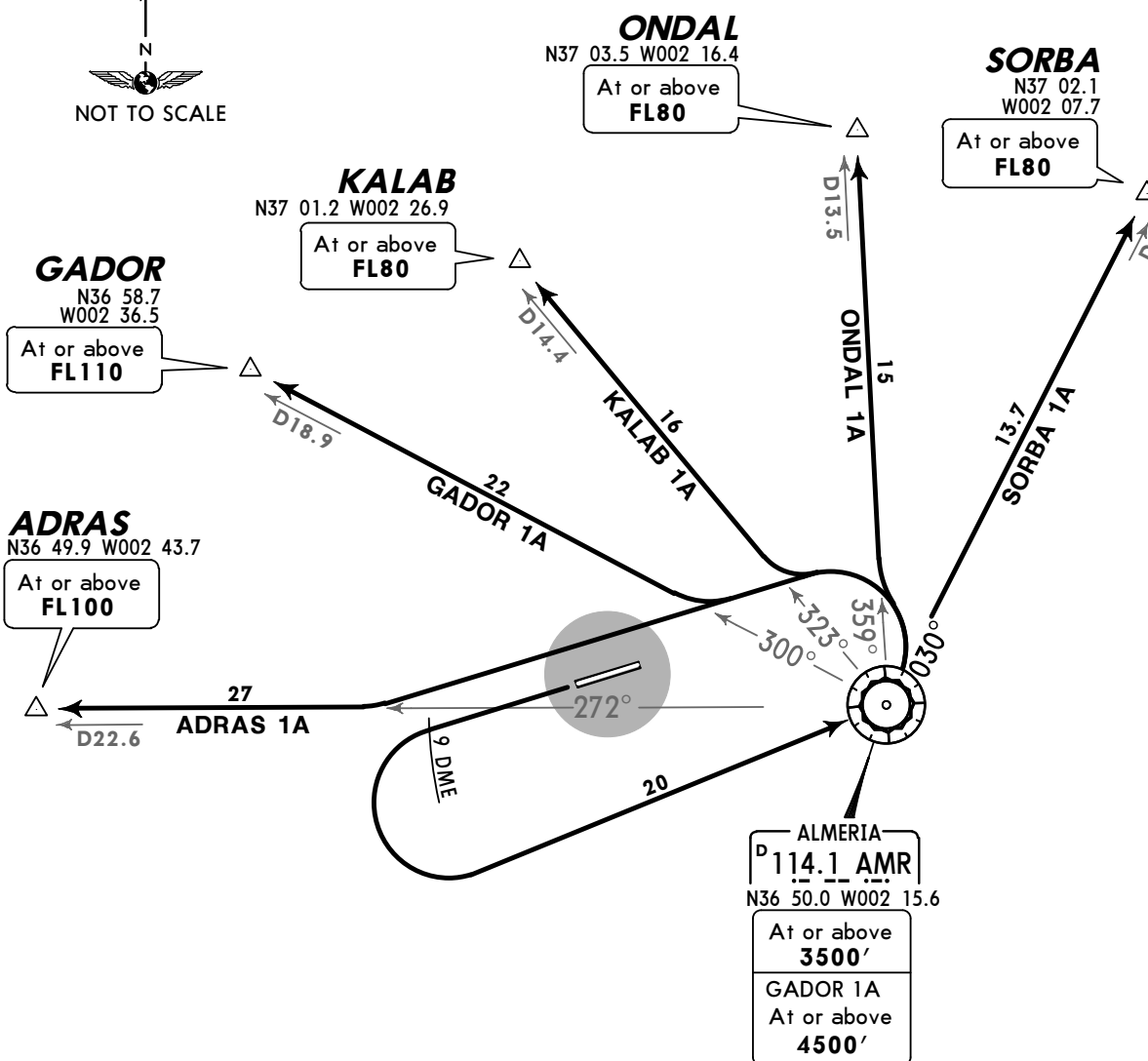
JEPPESEN
22 OCT 04 **10-3**

ALMERIA, SPAIN
SID

Apt Elev
70'
Trans level: By ATC Trans alt: 6000'



ADRAS ONE ALFA (ADRAS 1A) [ADRA1A]
GADOR ONE ALFA (GADOR 1A) [GADO1A]
KALAB ONE ALFA (KALAB 1A) [KALA1A]
ONDAL ONE ALFA (ONDAL 1A) [ONDA1A]
SORBA ONE ALFA (SORBA 1A) [SORB1A]
RWY 26 DEPARTURES



These SIDs require minimum climb gradients of

ADRAS 1A
304' per NM (5%) up to **FL100**.
GADOR 1A
334' per NM (5.5%) up to **FL110**.
KALAB 1A, ONDAL 1A, SORBA 1A
304' per NM (5%) up to **FL80**.

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

INITIAL CLIMB

On runway heading to AMR 9 DME, turn LEFT to AMR.

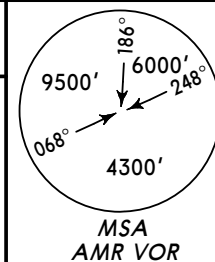
SID	ROUTING
ADRAS 1A	At AMR turn LEFT, intercept AMR R-272 to ADRAS.
GADOR 1A	At AMR turn LEFT, intercept AMR R-300 to GADOR.
KALAB 1A	At AMR turn LEFT, intercept AMR R-323 to KALAB.
ONDAL 1A	At AMR turn LEFT, intercept AMR R-359 to ONDAL.
SORBA 1A	At AMR turn LEFT, Intercept AMR R-030 to SORBA.

LEAM/LEI
ALMERIA

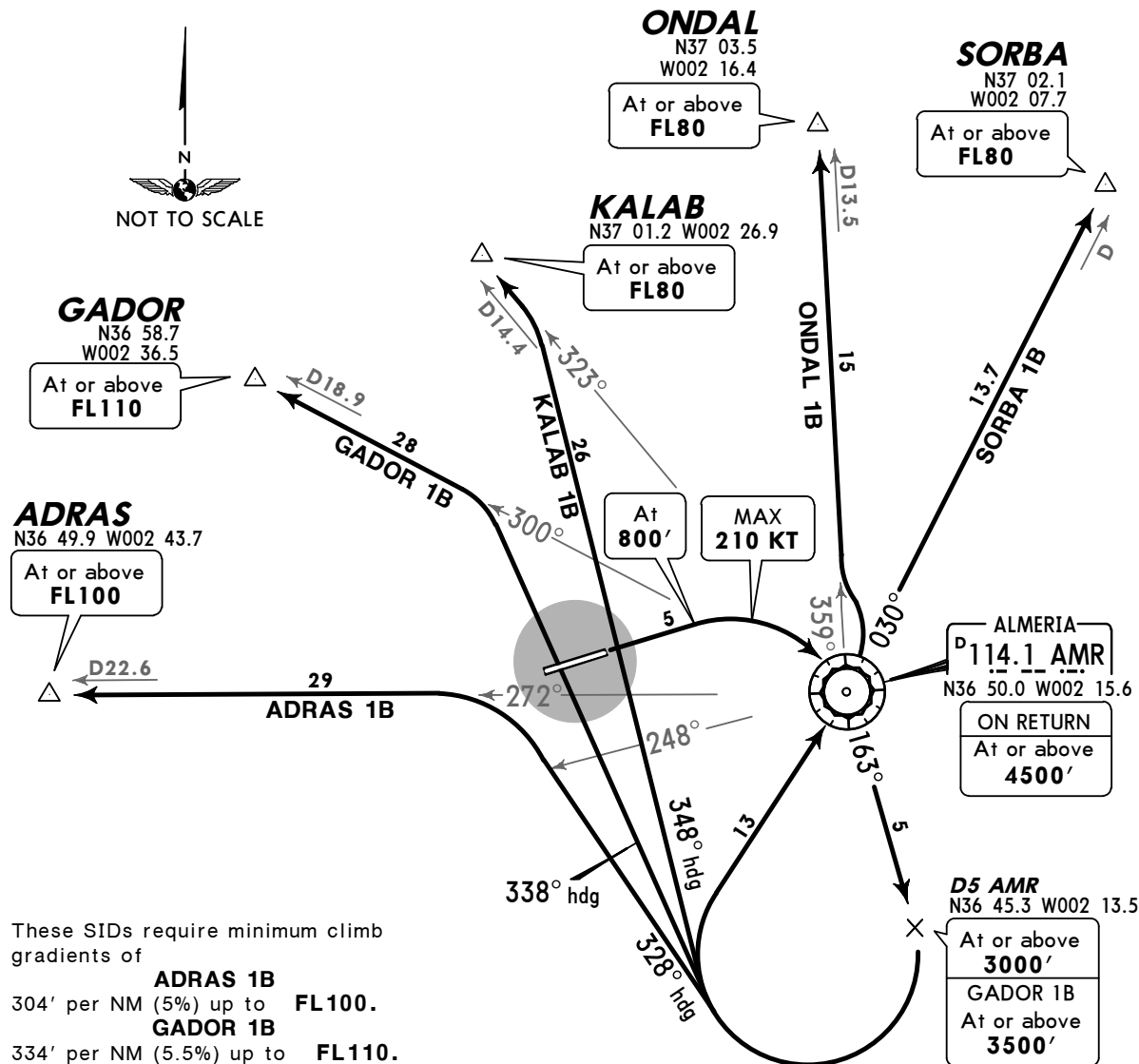
JEPPESEN
22 OCT 04 **(10-3A)**

ALMERIA, SPAIN
SID

Apt Elev
70'
Trans level: By ATC Trans alt: 6000'



ADRAS ONE BRAVO (ADRAS 1B) [ADRA1B]
GADOR ONE BRAVO (GADOR 1B) [GADO1B]
KALAB ONE BRAVO (KALAB 1B) [KALA1B]
ONDAL ONE BRAVO (ONDAL 1B) [ONDA1B]
SORBA ONE BRAVO (SORBA 1B) [SORB1B]
RWY 08 DEPARTURES



These SIDs require minimum climb gradients of

ADRAS 1B

304' per NM (5%) up to FL100.

GADOR 1B

334' per NM (5.5%) up to FL110.

KALAB 1B, ONDAL 1B, SORBA 1B

304' per NM (5%) up to FL80.

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

INITIAL CLIMB

On runway heading to 800', turn RIGHT to AMR, intercept AMR R-163 to D5 AMR.

SID	ROUTING
ADRAS 1B	At D5 AMR turn RIGHT, 328° heading, when passing AMR R-248 turn LEFT, intercept AMR R-272 to ADRAS.
GADOR 1B	At D5 AMR turn RIGHT, 338° heading, intercept AMR R-300 to GADOR.
KALAB 1B	At D5 AMR turn RIGHT, 348° heading, intercept AMR R-323 to KALAB.
ONDAL 1B	At D5 AMR turn RIGHT to AMR, intercept AMR R-359 to ONDAL.
SORBA 1B	At D5 AMR turn RIGHT to AMR, intercept AMR R-030 to SORBA.

LEAM/LEI

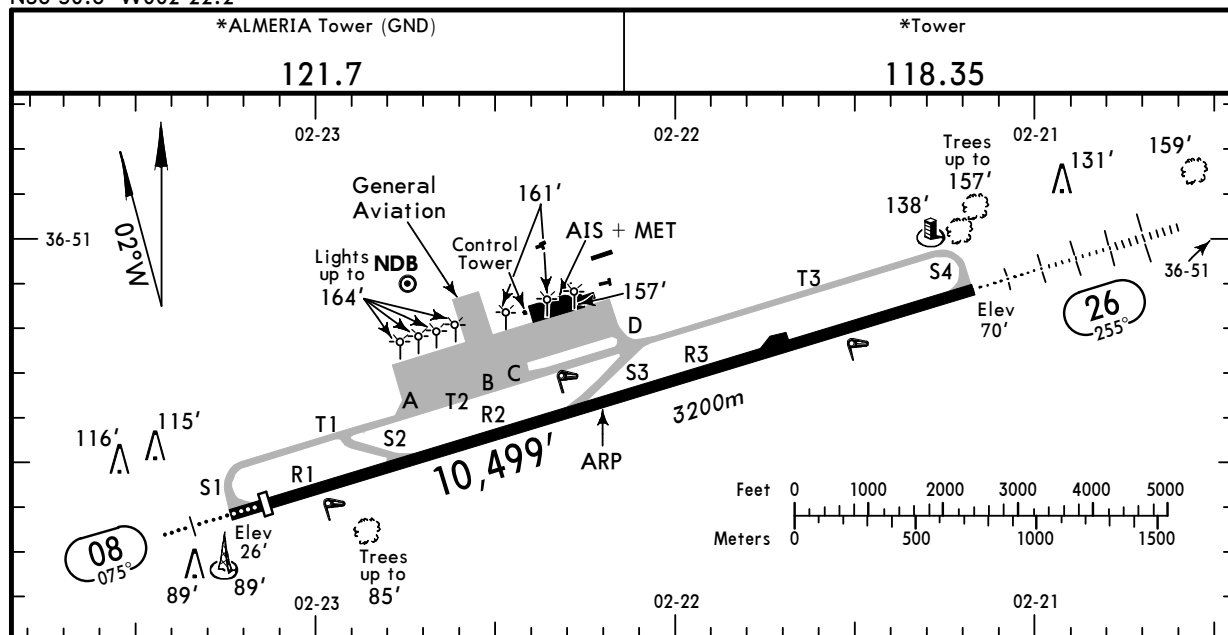
Apt Elev **70'**
N36 50.6 W002 22.2

JEPPESSEN

9 JUL 10 **(10-9)**

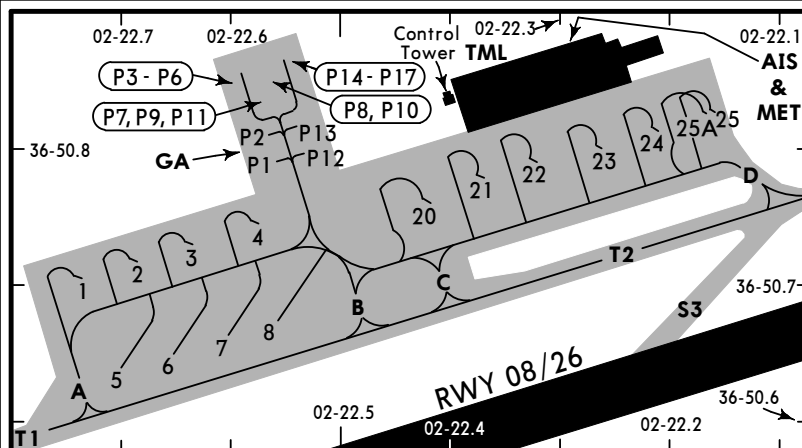
ALMERIA, SPAIN

ALMERIA



PARKING POSITIONS

STAND	COORDINATES
1, 2	N36 50.7 W002 22.7
3, 4, 7, 8	N36 50.7 W002 22.6
5, 6	N36 50.6 W002 22.7
20, 21	N36 50.8 W002 22.4
22, 23	N36 50.8 W002 22.3
24 thru 25A	N36 50.8 W002 22.2
P1 thru P5, P7, P9	N36 50.8 W002 22.6
P6, P10, P11	N36 50.9 W002 22.6
P8, P12 thru P14	N36 50.8 W002 22.5
P15 thru P17	N36 50.9 W002 22.5



ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
				Threshold	Landing Beyond		
08							
26	HIRL (50m)	HIALS	PAPI (angle 3.0°)	10,007' 3050m	9252' 2820m		148' 45m

LOW VISIBILITY PROCEDURES (LVP)

1. General

LVP will be applied when general visibility in movement area is 500m or below and only one acft at the same time will be authorized to taxi in the manoeuvring area.

Pilots will be informed by Tower about the application of LVP.

2. Ground Movement

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

- Arrivals: Acft that have landed will report:

- Runway vacated and

- Exit taxiway authorized.

At the apron entry, acft must wait for the arrival of a "Follow Me" vehicle in order to be guided to the assigned stand.

- Departures: In order to establish the best transit sequence, pilots must not request clearance for engine start-up, push-back or taxiing, when the RVR values or the meteorological visibility is below their operational minima.

JAR-OPS

TAKE-OFF 1

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

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

LEAM/LEI **JEPPESEN**
29 OCT 10 **10-9S****Standard**
ALMERIA, SPAIN
ALMERIA

STRAIGHT-IN RWY		A	B	C	D
26	ILS	285' (215')	295' (225')	305' (235')	315' (245')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1300m
	LOC ①	920' (850')	920' (850')	920' (850')	920' (850')
		R1500m	R1500m	C2400m	C2400m

① Continuous Descent Final Approach.

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
	920' (850')	1060' (990')	1770' (1700')	2730' (2660')
VOR 26	860' (790')	1060' (990')	1770' (1700')	2730' (2660')
NDB 08	960' (890')	1060' (990')	1670' (1600') ②	1670' (1600') ②
	V1500m	V1600m	V2400m	V3600m

② Prohibited North of rwy.**TAKE-OFF RWY 08, 26**

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

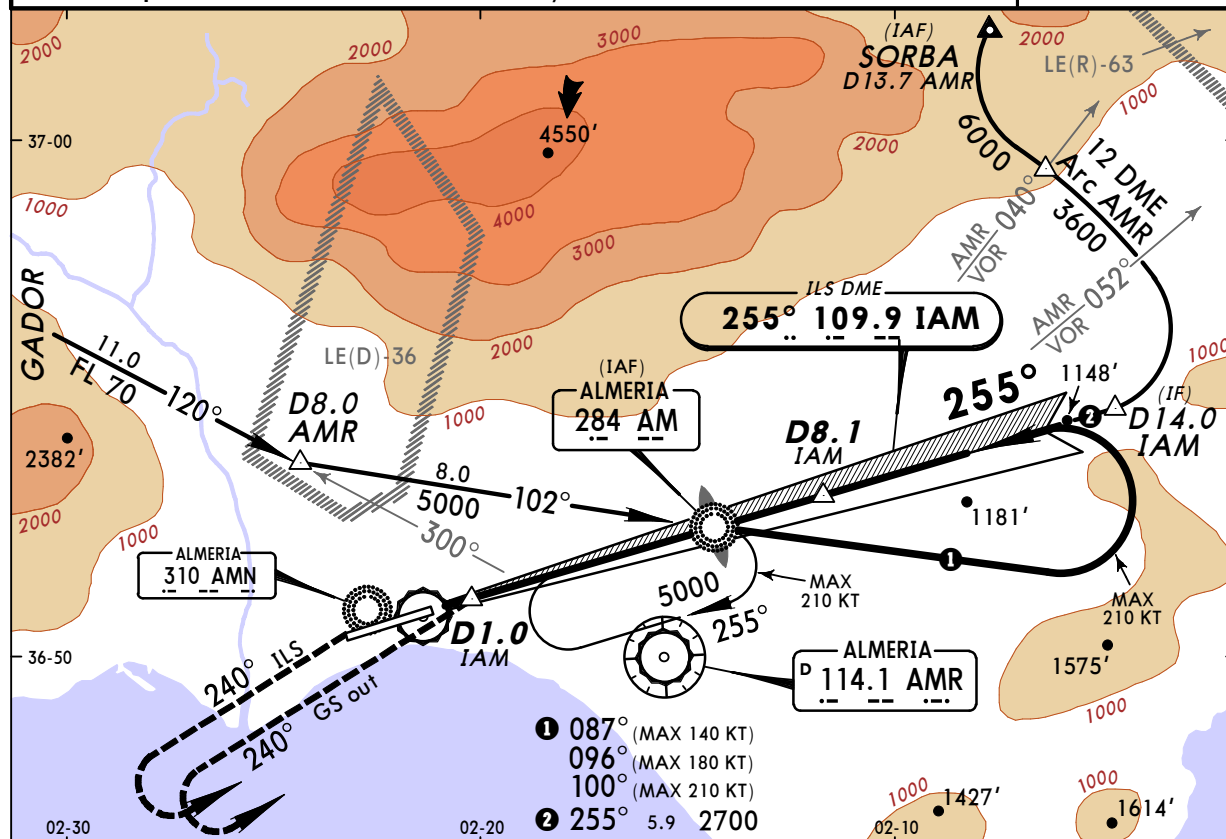
LEAM/LEI
ALMERIA

JEPPESEN
9 JUL 10 (11-1)

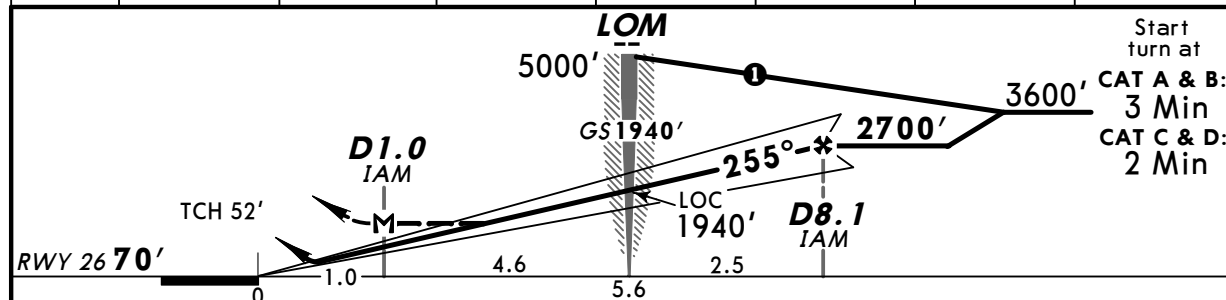
ALMERIA, SPAIN
ILS Rwy 26

*ALMERIA Approach		*ALMERIA Tower		*Ground
118.35		118.35		121.7
LOC IAM 109.9	Final Aptch Crs 255°	GS LOM 1940' (1870')	ILS DA(H) Refer to Minimums	Apt Elev 70' RWY 70'
MISSED APCH: Climb on rwy heading to 500', then turn LEFT (GS out: turn LEFT at D1.0 IAM) onto 240° climbing to 5000'. Then turn LEFT direct to AM Lctr.				
Alt Set: hPa		Rwy Elev: 3 hPa	Trans level: By ATC	Trans alt: 6000'
1. DME required. 2. ILS DME reads zero at rwy 26 threshold.				

MSA
AM Lctr



LOC (GS out)	IAM DME	3.0	4.0	5.0	6.0	7.0	8.0
	ALTITUDE	1090'	1410'	1720'	2040'	2360'	2680'



<i>Gnd speed-Kts</i>	70	90	100	120	140	160		Refer to Missed Apch above
<i>ILS GS or LOC Descent angle</i> 3.00°	377	484	538	646	753	861		
<i>MAP at D1.0 IAM</i>								

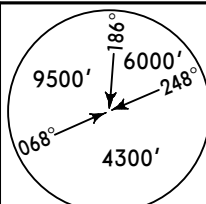
JAR-OPS		STRAIGHT-IN LANDING RWY 26				CIRCLE-TO-LAND		
DA(H)		ILS A: 285' (215') B: 295' (225')		C: 305' (235') D: 315' (245')		LOC (GS out) MDA(H) 920' (850')		
FULL		ALS out				ALS out		Max Kts.
A	RVR 600m	RVR 1000m	RVR 1200m		RVR 1500m	100	MDA(H) 920' (850')	VIS 1500m
B			RVR 1400m			135	1060' (990')	1600m
C			RVR 2000m		180	1770' (1700')	2400m	
D					RVR 1800m		205	2730' (2660')

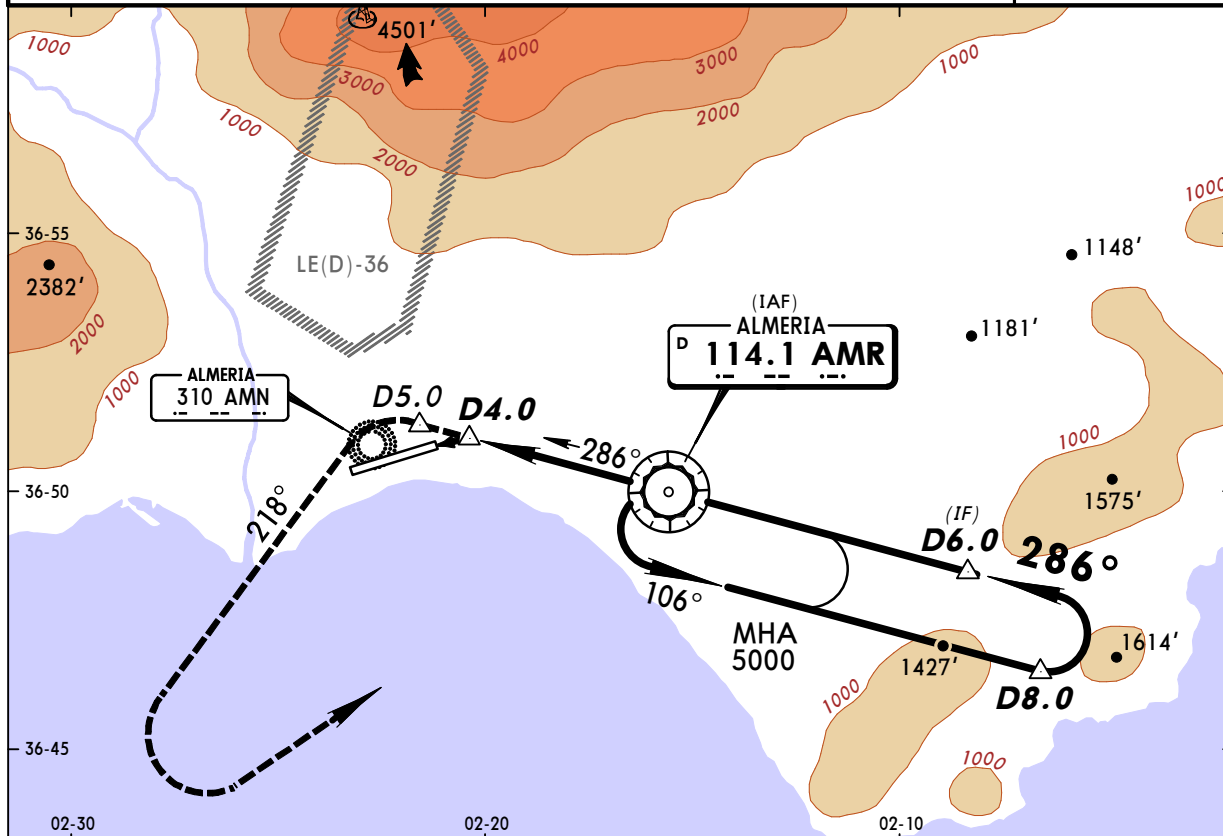
LEAM/LEI
ALMERIA

JEPPesen
31 OCT 08 **(13-1)**

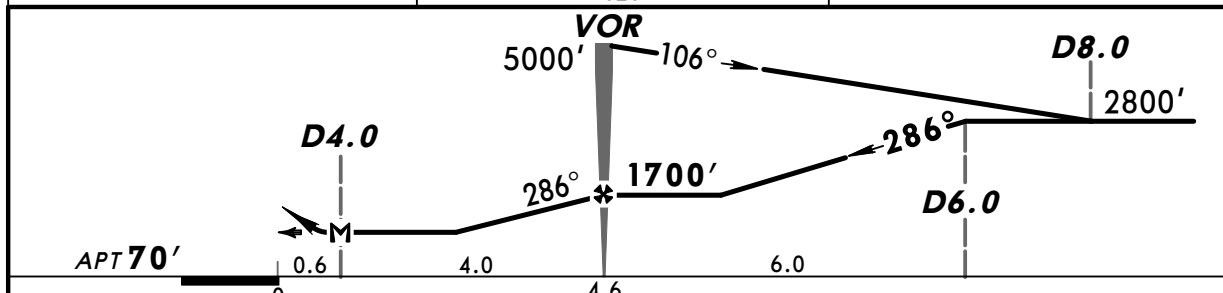
ALMERIA, SPAIN
VOR Rwy 26

BRIEFING STRIP

*ALMERIA Approach		*ALMERIA Tower		*Ground		
118.35		118.35		121.7		
VOR AMR 114.1	Final Apch Crs 286°	Minimum Alt VOR 1700' (1630')	MDA(H) Refer to Minimums	Apt Elev 70'		
MISSED APCH: Climb direct to D5.0. Turn LEFT onto 218° to 5000', then turn LEFT direct to VOR to join holding. Do not turn before passing MAP.						
Alt Set: hPa		Apt Elev: 3 hPa		Trans level: By ATC		
1. DME required.		2. Final approach track offset 31° from Rwy centerline.		Trans alt: 6000'		
					MSA AMR VOR	



AMR DME	2.0 AFTER AMR	1.0 AFTER AMR
ALTITUDE	1020'	1360'



Gnd speed-Kts	70	90	100	120	140	160	HIALS		D5.0	5000'	on to 218°
Descent Gradient 5.7%	404	520	577	693	808	924	PAPI		↑	↑	LT
MAP at D4.0											

JAR-OPS				CIRCLE-TO-LAND			
	Max Kts	MDA(H)	VIS				
A	100	860' (790')	1500m				
B	135	1060' (990')	1600m				
C	180	1770' (1700')	2400m				
D	205	2730' (2660')	3600m				

PANS OPS 4

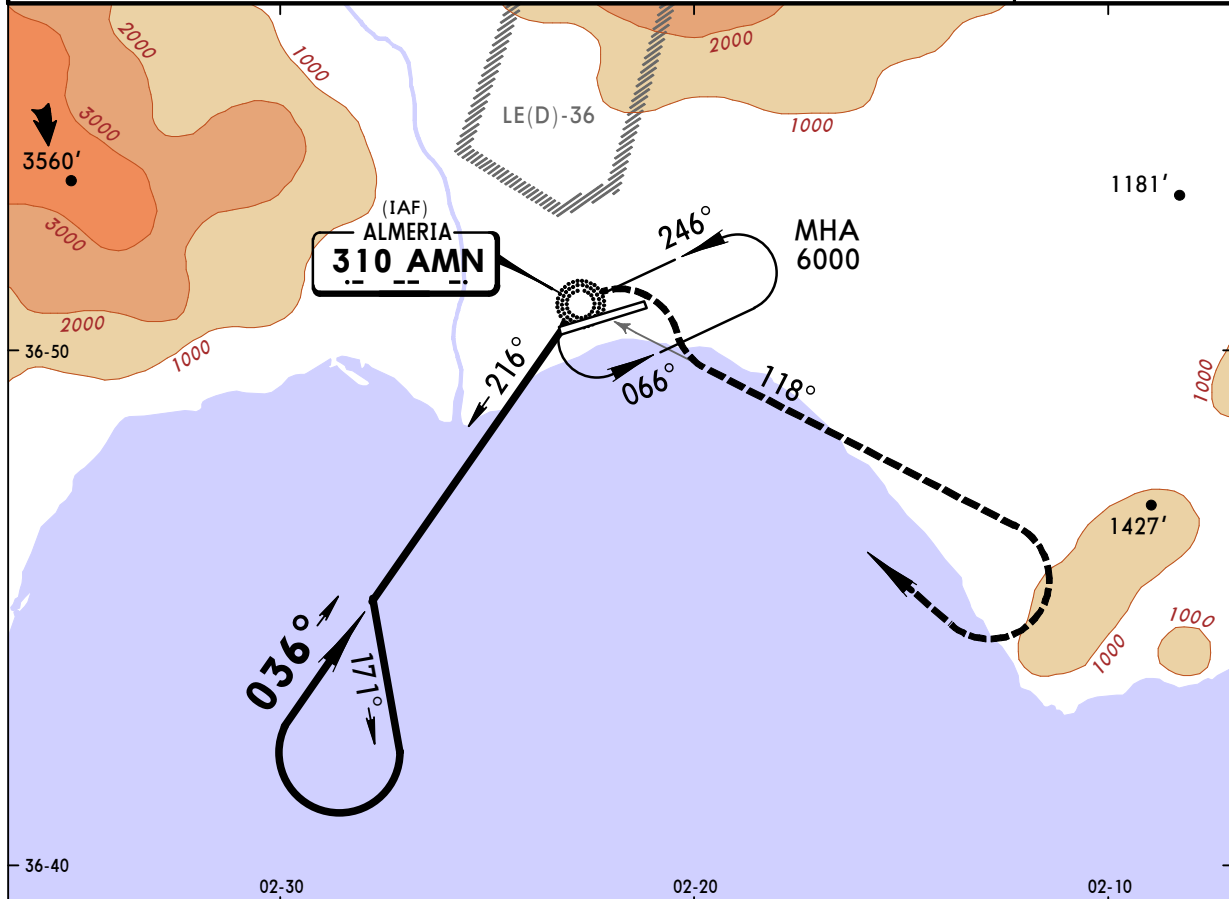
LEAM/LEI
ALMERIA

JEPPESEN
31 OCT 08 (16-1)

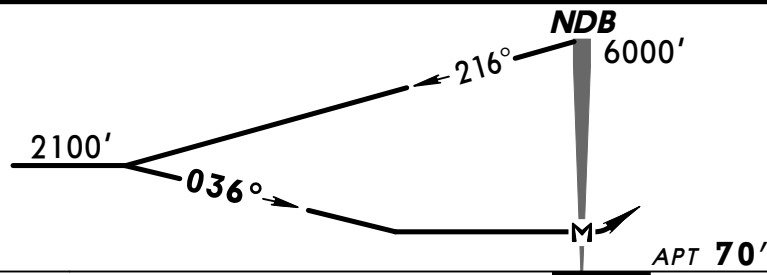
ALMERIA, SPAIN
NDB Rwy 08

BRIEFING STRIP™

*ALMERIA Approach		*ALMERIA Tower		*ALMERIA Ground	
118.35		118.35		121.7	
NDB AMN 310	Final Apch Crs 036°	Minimum Alt No FAF	MDA(H) Refer to Minimums	Apt Elev 70'	
MISSED APCH: Turn RIGHT (MAX 210 KT) and proceed on 118° from NDB climbing to 6000', then turn RIGHT direct to NDB to join holding .					
Alt Set: hPa Apt Elev: 3 hPa Trans level: By ATC Trans alt: 6000' Final approach track offset 39° from Rwy centerline.					
					MSA AMN NDB



Start
turn at
CAT A & B:
3 Min
CAT C & D:
2 Min



							PAPI	210 KT max 	118° from AMN 310	6000'
<i>MAP at NDB</i>										

JAR-OPS

CIRCLE-TO-LAND

		Max Kts	MDA(H)	VIS
		A 100	960' (890')	1500m
		B 135	1060' (990')	1600m
		C 180	1670' (1600')	1 2400m
		D 205	1670' (1600')	1 3600m

1 Prohibited North of rwy 08/26.

CHANGES: None.

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PANS OPS 4