

List of pages in this Trip Kit

Trip Kit Index

Airport Information For GMAD

Terminal Charts For GMAD

Revision Letter For Cycle 02-2019

Change Notices

Notebook

General Information

Location: AGADIR MAR
ICAO/IATA: GMAD / AGA
Lat/Long: N30° 19.35', W009° 24.68'
Elevation: 253 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -1:00 = UTC
Magnetic Variation: 3.0° W

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

Sunrise: 0727 Z
Sunset: 1816 Z

Runway Information

Runway: 09
Length x Width: 10499 ft x 148 ft
Surface Type: bitu
TDZ-Elev: 203 ft
Lighting: Edge, Centerline

Runway: 27
Length x Width: 10499 ft x 148 ft
Surface Type: bitu
TDZ-Elev: 253 ft
Lighting: Edge, ALS, Centerline, TDZ

Communication Information

ATIS: 127.750
AI Massira Tower: 119.500
AI Massira Approach: 120.900

GMAD/AGA AL MASSIRA INTL

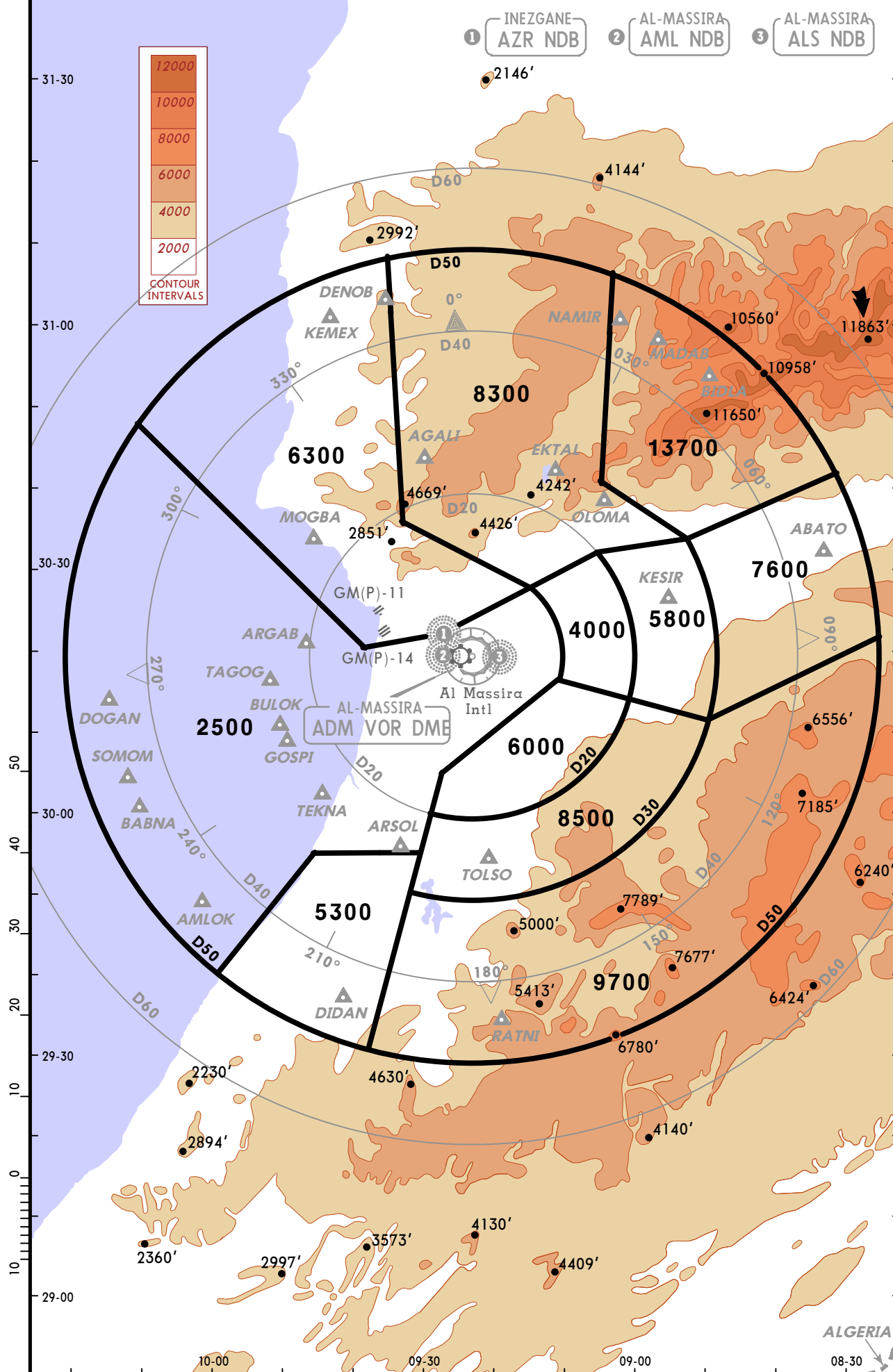
JEPPesen
6 NOV 09 (10-1R)

AGADIR, MOROCCO

Eff 19 Nov RADAR MINIMUM ALTITUDES

Apt Elev
250'

Alt Set: hPa Trans level: By ATC Trans alt: 5000'
This chart can be used only to check assigned altitudes under radar control.



GMAD/AGA
AL MASSIRA INTL

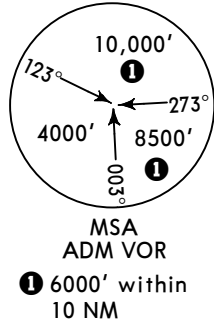
JEPPESEN
1 JAN 16 10-2 Eff 7 Jan

AGADIR, MOROCCO
STAR

D-ATIS
127.750

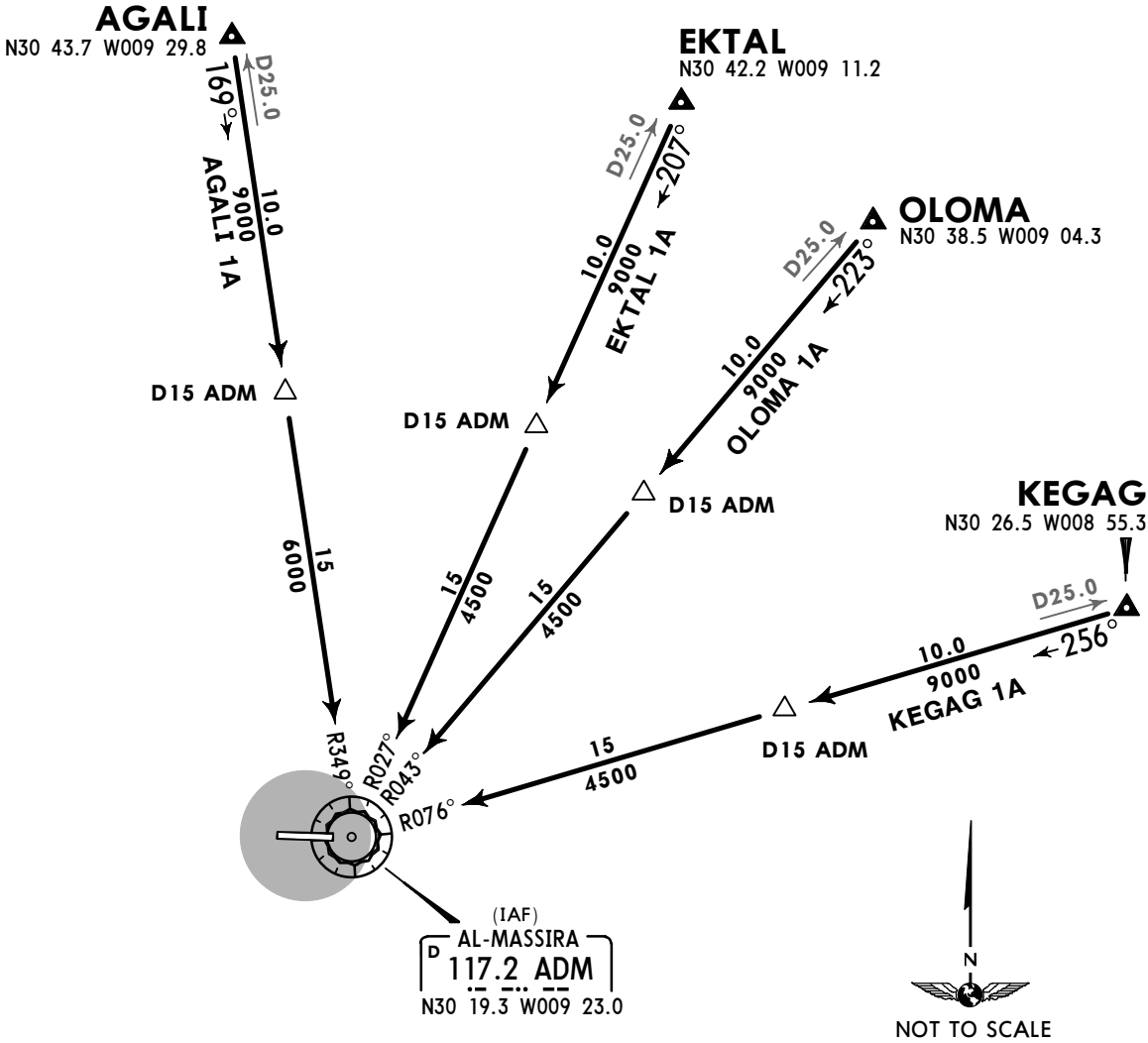
Apt Elev
253'

Alt Set: hPa
Trans level: By ATC Trans alt: 5000'



AGALI 1A [AGAL1A], EKTAL 1A [EKTA1A]
KEGAG 1A [KEGA1A], OLOMA 1A [OLOM1A]
RWY 09 ARRIVALS

SPEED: MAX 250 KT BELOW FL100



LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST

Follow the authorized or PLN STAR. In case of RADAR guidance, proceed to initial STAR.

- Observe the published FL and speed requirements;
- Proceed to the IAF at the last assigned and acknowledged FL, if this level is available in the holding pattern, otherwise at the highest level in the holding pattern;
- Stay in the holding pattern at this level until the latest time as following:
 - EAT;
 - Arrival time in the holding pattern + 10 min.
- Perform the known or estimated IAP.

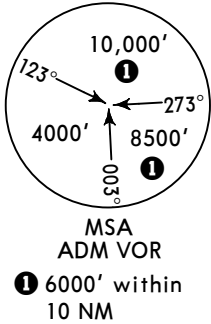
STAR	ROUTING
AGALI 1A	Intercept ADM R-349 inbound to ADM.
EKTAL 1A	Intercept ADM R-027 inbound to ADM.
KEGAG 1A	Intercept ADM R-076 inbound to ADM.
OLOMA 1A	Intercept ADM R-043 inbound to ADM.

GMAD/AGA
AL MASSIRA INTL

JEPPESEN
1 JAN 16 10-2A Eff 7 Jan

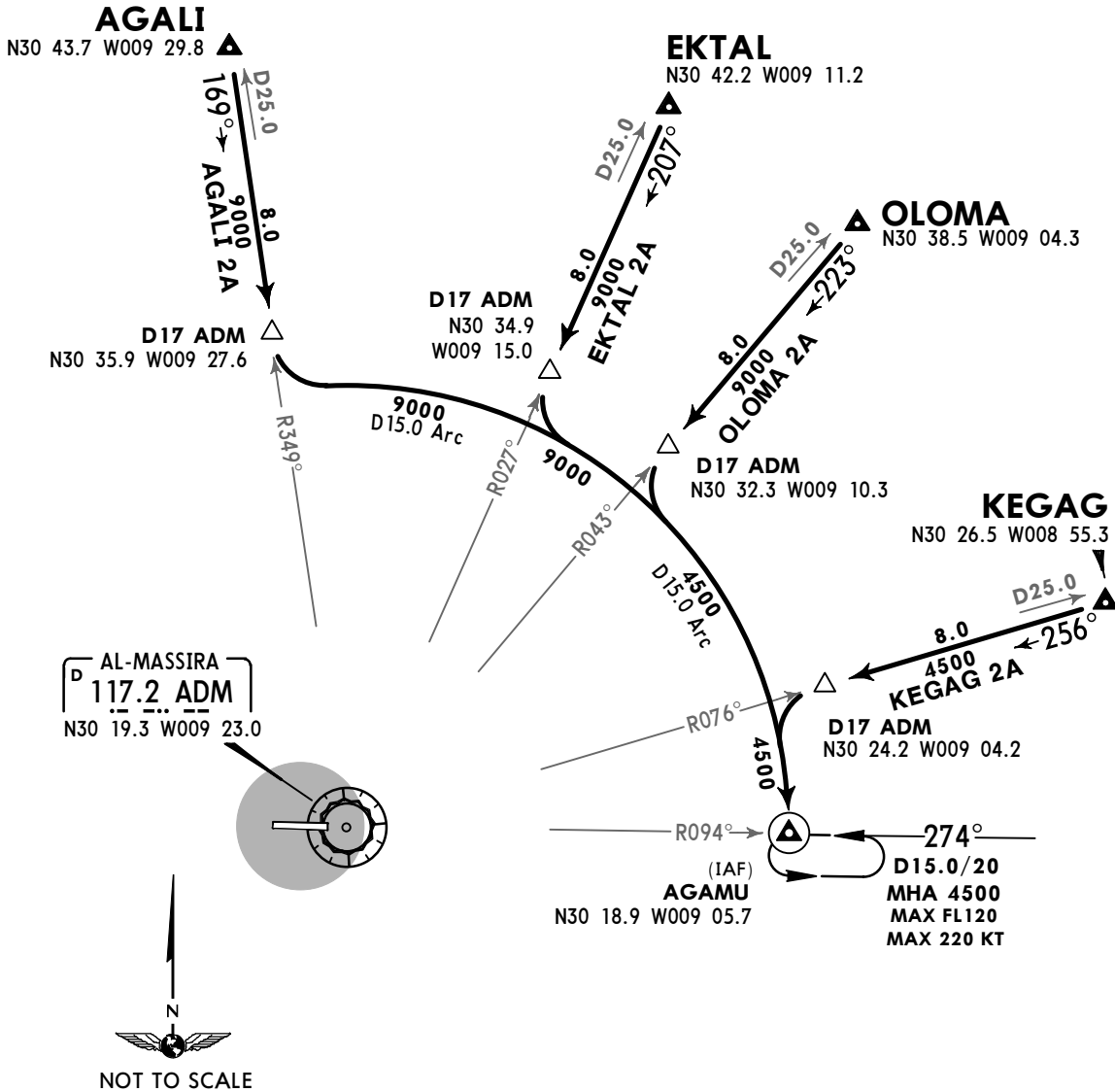
AGADIR, MOROCCO
STAR

D-ATIS 127.750
Apt Elev 253'
Alt Set: hPa
Trans level: By ATC Trans alt: 5000'



AGALI 2A [AGAL2A], EKTAL 2A [EKTA2A]
KEGAG 2A [KEGA2A], OLOMA 2A [OLOM2A]
RWY 27 ARRIVALS

SPEED: MAX 250 KT BELOW FL100

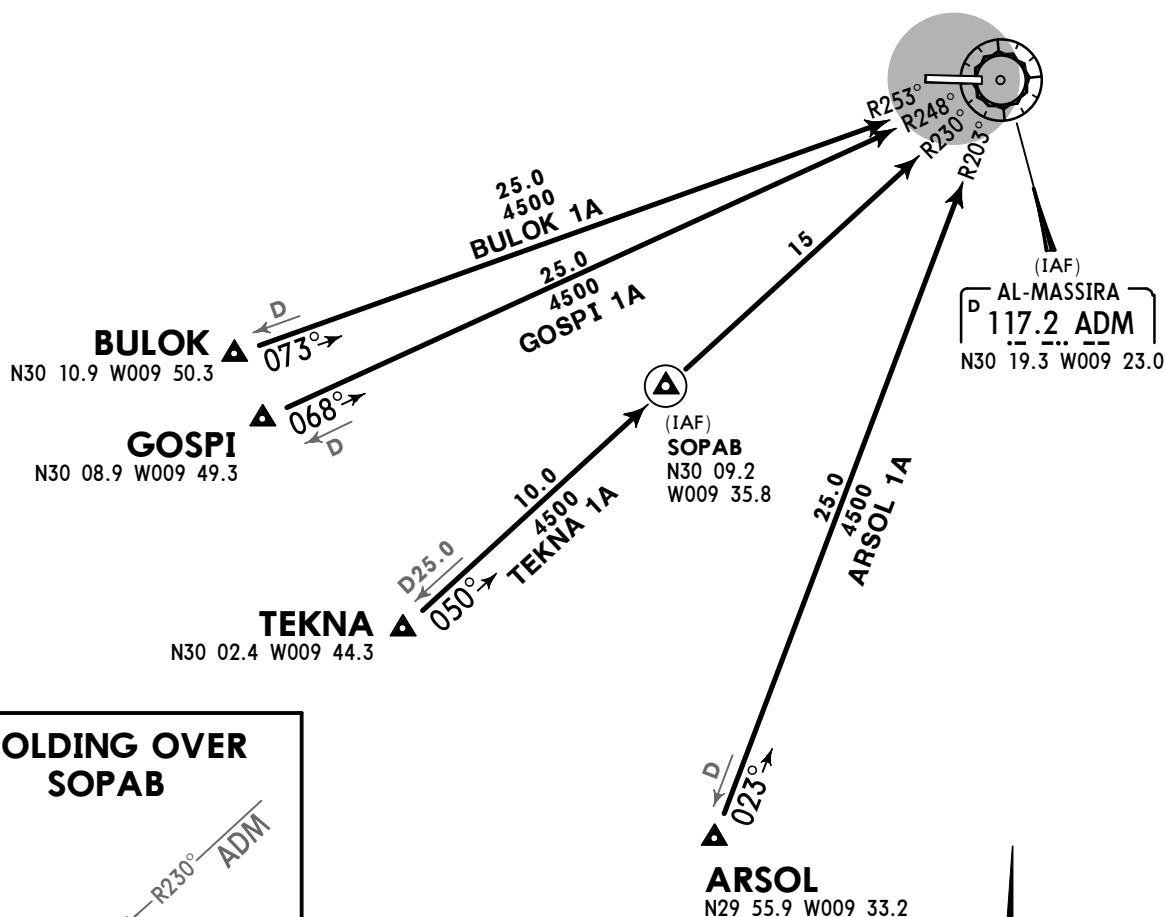


- LOST COMMS
- Follow the authorized or PLN STAR. In case of RADAR guidance, proceed to initial STAR.
- a. Observe the published FL and speed requirements;
 - b. Proceed to the IAF at the last assigned and acknowledged FL, if this level is available in the holding pattern, otherwise at the highest level in the holding pattern;
 - c. Stay in the holding pattern at this level until the latest time as following:
 - 1. EAT;
 - 2. Arrival time in the holding pattern + 10 min.
 - d. Descend in the AGAMU holding to 4500'.
 - e. Perform the known or estimated IAP.
- LOST COMMS

STAR	ROUTING
AGALI 2A	Intercept ADM R-349 inbound to D17 ADM, turn LEFT, along D15.0 Arc to AGAMU.
EKTAL 2A	Intercept ADM R-027 inbound to D17 ADM, turn LEFT, along D15.0 Arc to AGAMU.
KEGAG 2A	Intercept ADM R-076 inbound to D17 ADM, turn LEFT, along D15.0 Arc to AGAMU.
OLOMA 2A	Intercept ADM R-043 inbound to D17 ADM, turn LEFT, along D15.0 Arc to AGAMU.

MSA
ADM VOR
① 6000' within
10 NM

SPEED: MAX 250 KT BELOW FL100



- a. Observe the published FL and speed requirements;
- b. Proceed to the IAF at the last assigned and acknowledged FL, if this level is available in the holding pattern, otherwise at the highest level in the holding pattern;
- c. Stay in the holding pattern at this level until the latest time as following:
 1. EAT;
 2. Arrival time in the holding pattern + 10 min.
- d. Descend in the SOPAB holding to 4500'.
- e. Perform the known or estimated IAP.

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Gnd speed-KT	75	100	150	200	250	300
7% V/V (fpm)	532	709	1063	1418	1772	2127

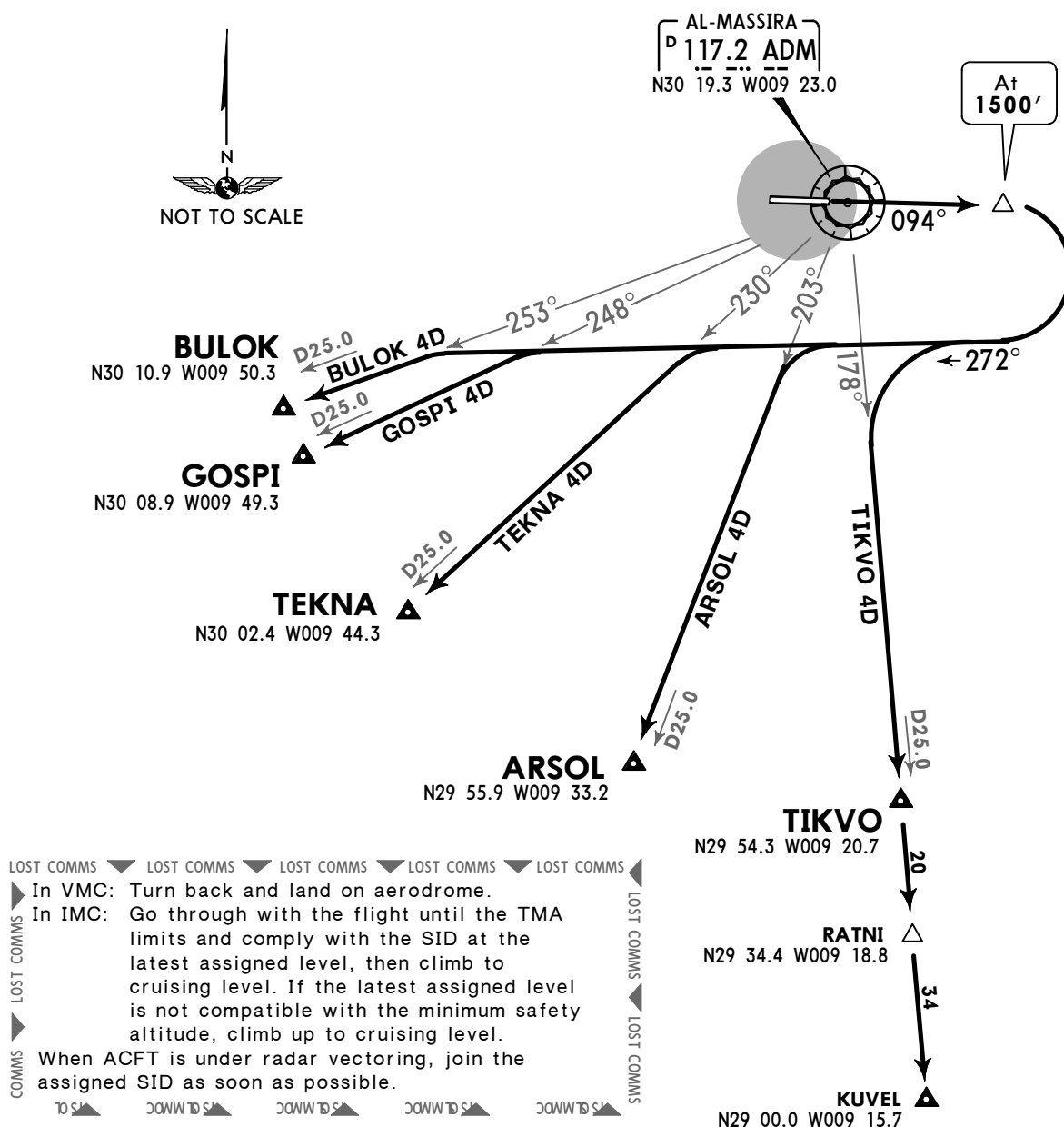
Climb on runway heading at D5 2 ADM turn LEFT to ADM then direct to OI QMA

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MSA
ADM VOR

① 6000' within
10 NM

SPEED: MAX 250 KT BELOW FL100



SID	ROUTING
ARSOL 4D	Climb on runway heading to 1500', turn RIGHT, 272° track, intercept ADM R-203 to ARSOL.
BULOK 4D	Climb on runway heading to 1500', turn RIGHT, 272° track, intercept ADM R-253 to BULOK.
GOSPI 4D	Climb on runway heading to 1500', turn RIGHT, 272° track, intercept ADM R-248 to GOSPI.
TEKNA 4D	Climb on runway heading to 1500', turn RIGHT, 272° track, intercept ADM R-230 to TEKNA.
TIKVO 4D	Climb on runway heading to 1500', turn RIGHT, 272° track, intercept ADM R-178 to TIKVO.

GMAD/AGA
JEPPESSEN
12 OCT 18 **10-8** **Eff 25 Oct**
AGADIR, MOROCCO
AL MASSIRA INTL

WORKS ON APRON

REFER ALSO TO LATEST NOTAMS
GENERAL

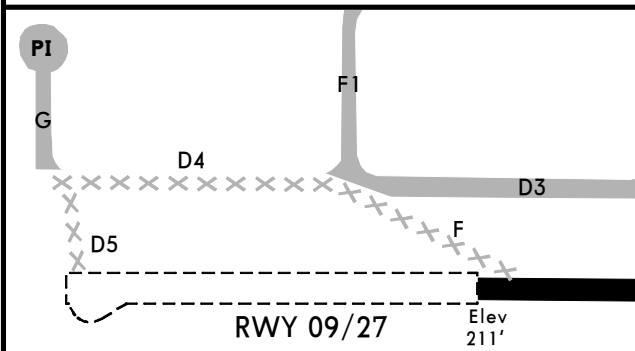
Construction works will take place from 25 Oct 2018 until 22 Feb 2019 in four phases.

The work consists on:

- reinforcing the pavement on RWY and TWYs E and F
- works on marking and lighting
- fitting out RWY turning pads
- upgrading of the isolated stand and TWY G
- upgrading of RWY and TWY shoulders

Caution recommended:

- Presence of workers and machinery
- working site is marked day and night
- Limitation of code C ACFT capability for RWY use during phases 1 and 2
- Follow ATC instructions


PHASE 1

Reinforcement of the first 2953'/900m of RWY 09 by proceeding a displaced threshold, from 25 Oct 2018 until 24 Nov 2018.

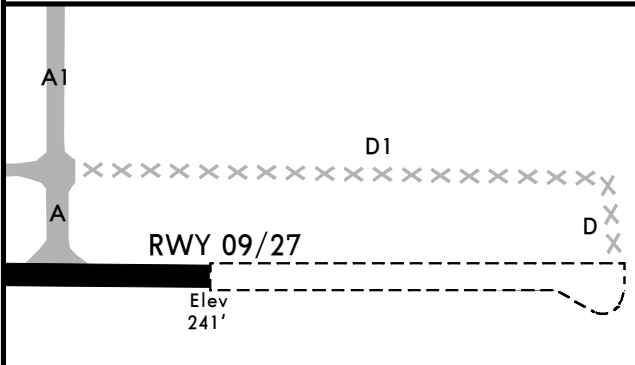
When using displaced threshold RWY 09:

- class D ACFT cannot use RWY
- before each movement, construction area and RWY strip will be clear of any obstacles piercing obstacle limitation surfaces
- RWY edge light before displaced threshold will be turned off

- RWY 09 PAPI will be not operational
- installation of the lighting of RWY threshold and end of RWY lights at displaced threshold
- equipment of RWY edge lights by yellow filters over a length of 1969'/600m from displ threshold
- TWYs D4, D5 and F closed
- extinction of the edge lights of TWYs D4, D5 and F: installation of stop bars
- extinction of axial lighting
- ground marking of displaced threshold, QFU indication, touchdown zone, closed TWYs D4, D5 and F
- upgrade of RWY shoulders and TWY F
- construction of RWY turn pad

Approach procedure VOR Rwy 09 (13-1) suspended. Temp procedure VOR T Rwy 09 (13-01) in use.

LDA/TORA RWY 09: 7546'/2300m.


PHASE 2

Reinforcement of the first 2953'/900m of RWY 27 by proceeding a displaced threshold, from 25 Nov 2018 until 22 Dec 2018.

When using displaced threshold RWY 27:

- RWY will be closed from 00:45 until 05:15
- class D ACFT cannot use RWY
- before each movement, construction area and RWY strip will be clear of any obstacles piercing obstacle limitation surfaces
- RWY edge light before displaced threshold will be turned off

- RWY 27 PAPI will be not operational
- Installation of lighting of RWY threshold and end of RWY lights at displaced threshold
- equipment of RWY edge lights by yellow filters over a length of 1969'/600m from displ threshold.
- Approach lights, axial marking and touchdown zone will be out of operation.
- TWYs D1 and D closed
- closing and extinction of the edge lights of TWYs D1 and D: installation of stop bars
- extinction of axial lighting
- ground marking of displaced threshold, QFU indication, touchdown zone, closed TWYs D and D1
- upgrade of RWY shoulders
- construction of RWY turn pad

ILS will be not operational. Approach procedures ILS Z or LOC RWY 27 (11-1), ILS Y or LOC RWY 27 (11-2), ILS X or LOC or NDB RWY 27 (11-3), VOR Z RWY 27 (13-2) and VOR Y RWY 27 (13-3) suspended.

Temp procedures VOR T RWY 27 (13-02) and VOR S RWY 27 (13-03) in use.

LDA/TORA RWY 27: 7546'/2300m.

GMAD/AGA

Apt Elev 253'
N30 19.4 W009 24.7

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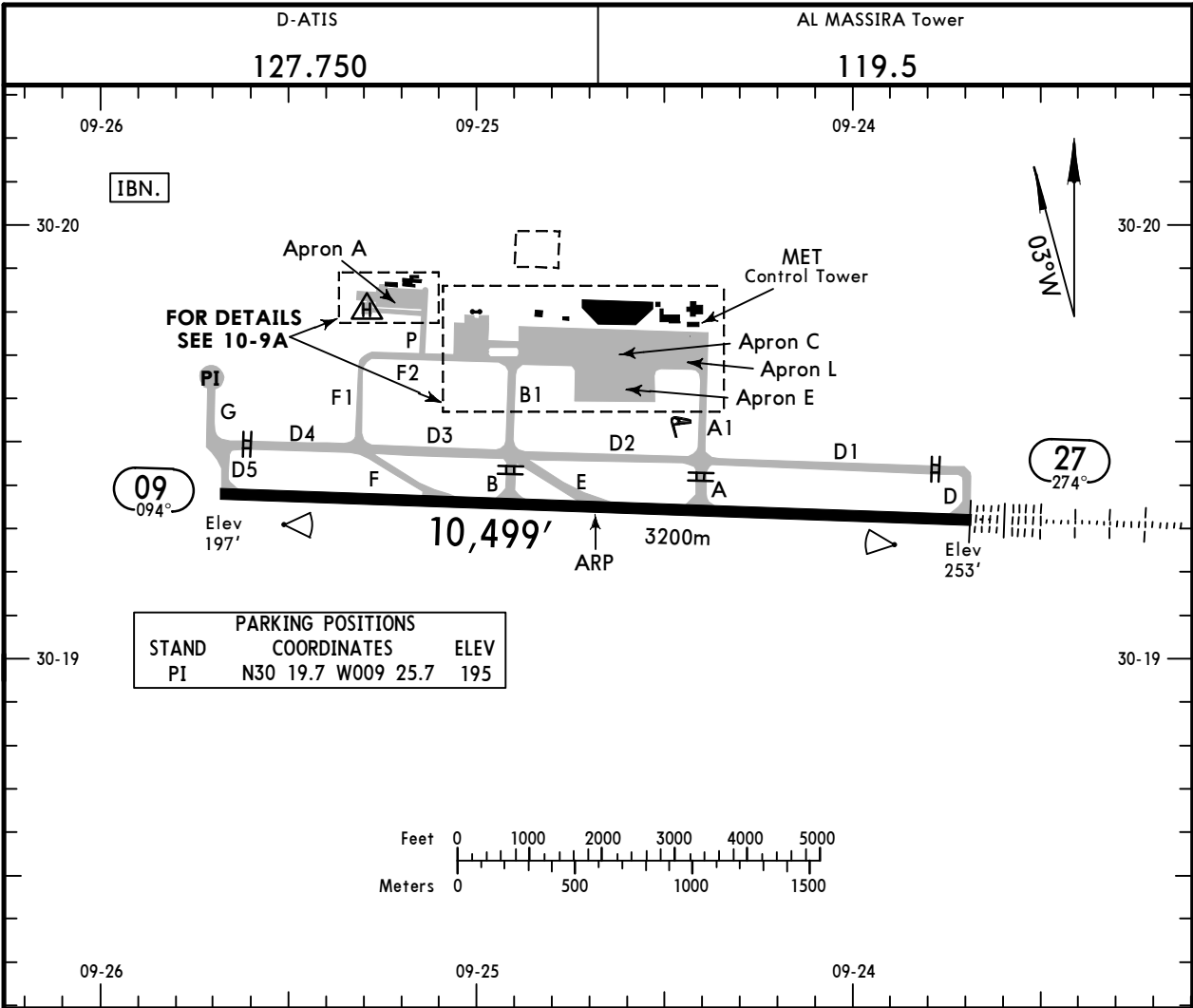
1 JAN 16

10-9

Eff 7 Jan

AGADIR, MOROCCO

AL MASSIRA INTL



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		LANDING	BEYOND		
		Threshold	Glide Slope		
09	HIRL (60m) CL(15m) PAPI (3.0°) RVR				148'
27	HIRL (60m) CL(15m) HIALS-II TDZ PAPI (3.0°) RVR		9344' 2848m		45m

TAKE-OFF

AIR CARRIER (JAA)
All Rwys

LVP must be in force

	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A			
B	200m (150m)	250m	400m
C			
D	250m (200m)	300m	

GMAD/AGA

JEPPesen

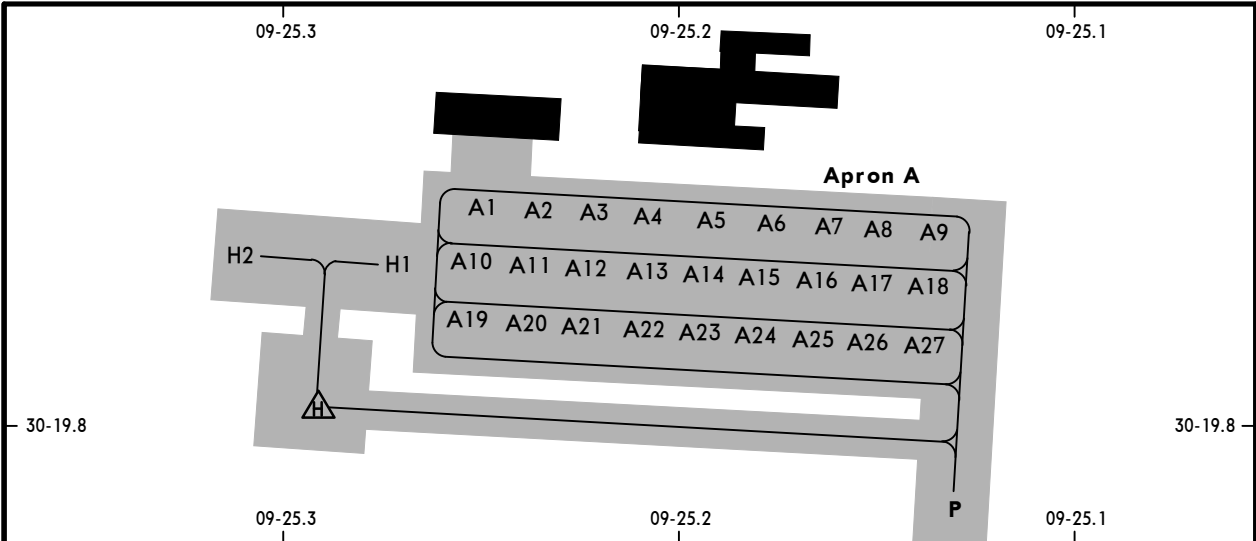
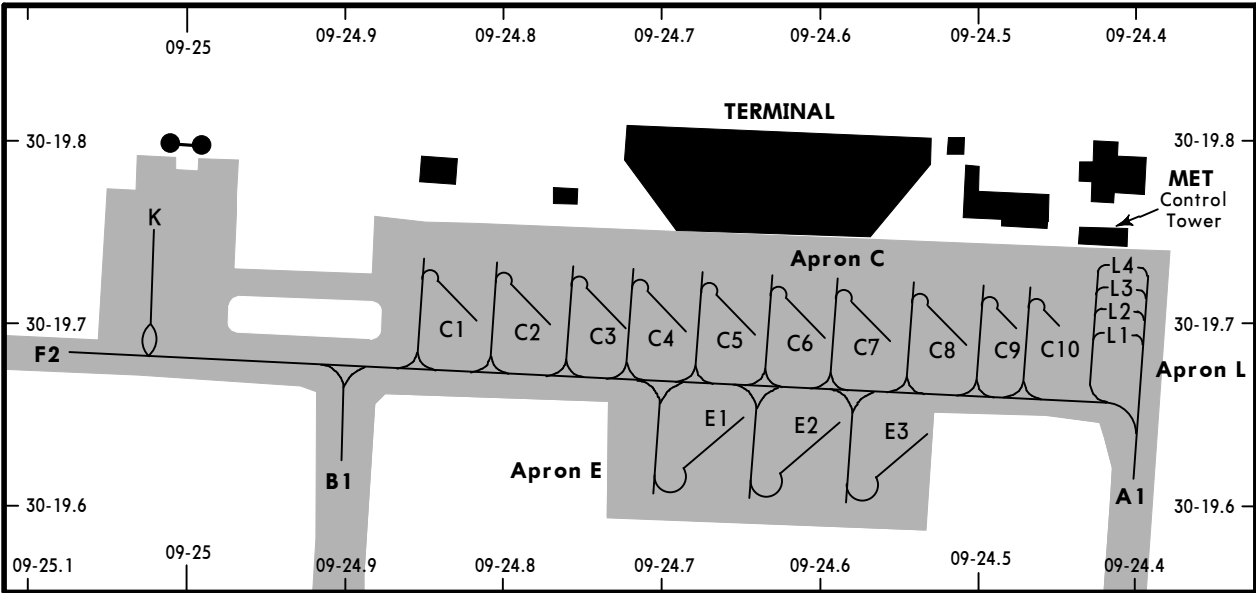
AGADIR, MOROCCO

1 JAN 16

10-9A

Eff 7 Jan

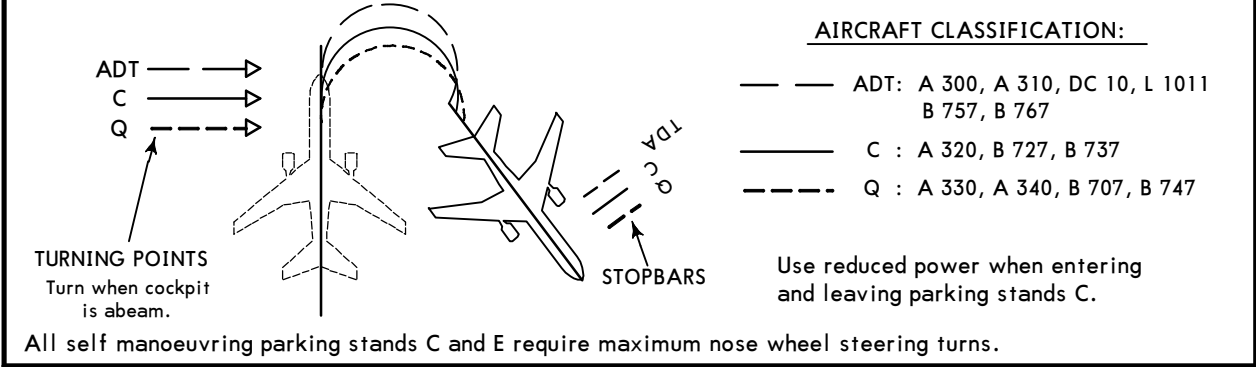
AL MASSIRA INTL



INS COORDINATES

STAND No.	COORDINATES	ELEV	STAND No.	COORDINATES	ELEV
A1	N30 19.8 W009 25.2	207	C7	N30 19.7 W009 24.6	223
A2 thru A9	N30 19.8 W009 25.2	208	C8, C9	N30 19.7 W009 24.5	224
A10, A11	N30 19.8 W009 25.2	206	C10	N30 19.7 W009 24.4	225
A12 thru A23	N30 19.8 W009 25.2	207	E1	N30 19.6 W009 24.7	222
A24 thru A27	N30 19.8 W009 25.2	208	E2	N30 19.6 W009 24.6	223
C1	N30 19.7 W009 24.8	218	E3	N30 19.6 W009 24.6	224
C2	N30 19.7 W009 24.8	219	H1	N30 19.8 W009 25.2	206
C3, C4	N30 19.7 W009 24.7	220	H2	N30 19.8 W009 25.3	205
C5	N30 19.7 W009 24.7	221	L1 thru L3	N30 19.7 W009 24.4	223
C6	N30 19.7 W009 24.6	222	L4	N30 19.7 W009 24.4	224
			K	N30 19.8 W009 25.0	-

PARKING STAND ENTRY GUIDANCE



GMAD/AGA
JEPPESSEN
Standard

1 JAN 16

10-9S
Eff 7 Jan
AGADIR, MOROCCO
AL MASSIRA INTL

STRAIGHT-IN RWY		A	B	C	D
09	VOR ❶	580' (383') R1500m	580' (383') R1500m	580' (383') R1800m	580' (383') R1800m
27	ILS	460' (207') R550m	460' (207') R550m	460' (207') R550m	460' (207') R550m
	FULL	R750m	R750m	R750m	R750m
	Limited	R1200m	R1200m	R1200m	R1200m
	ALS out				
	LOC ❶	670' (417') R1200m	670' (417') R1200m	670' (417') R1200m	670' (417') R1200m
	ALS out	R1500m	R1500m	R1900m	R1900m
	VOR ❶	670' (417') R1200m	670' (417') R1200m	670' (417') R1200m	670' (417') R1200m
	ALS out	R1500m	R1500m	R1900m	R1900m
	NDB ❶	670' (417') R1200m	670' (417') R1200m	670' (417') R1200m	670' (417') R1200m
	ALS out	R1500m	R1500m	R1900m	R1900m

❶ Continuous Descent Final Approach.

TAKE-OFF RWY 9, 27

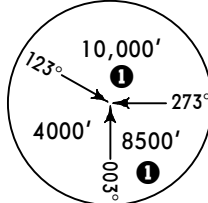
	Approved Operators HIRL, CL & mult. RVR req	LVP must be in Force			RCLM (DAY only) or RL	NIL (DAY only)
		RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL		
A						
B	125m	150m	200m	250m	400m	500m
C						
D	150m	200m	250m	300m		

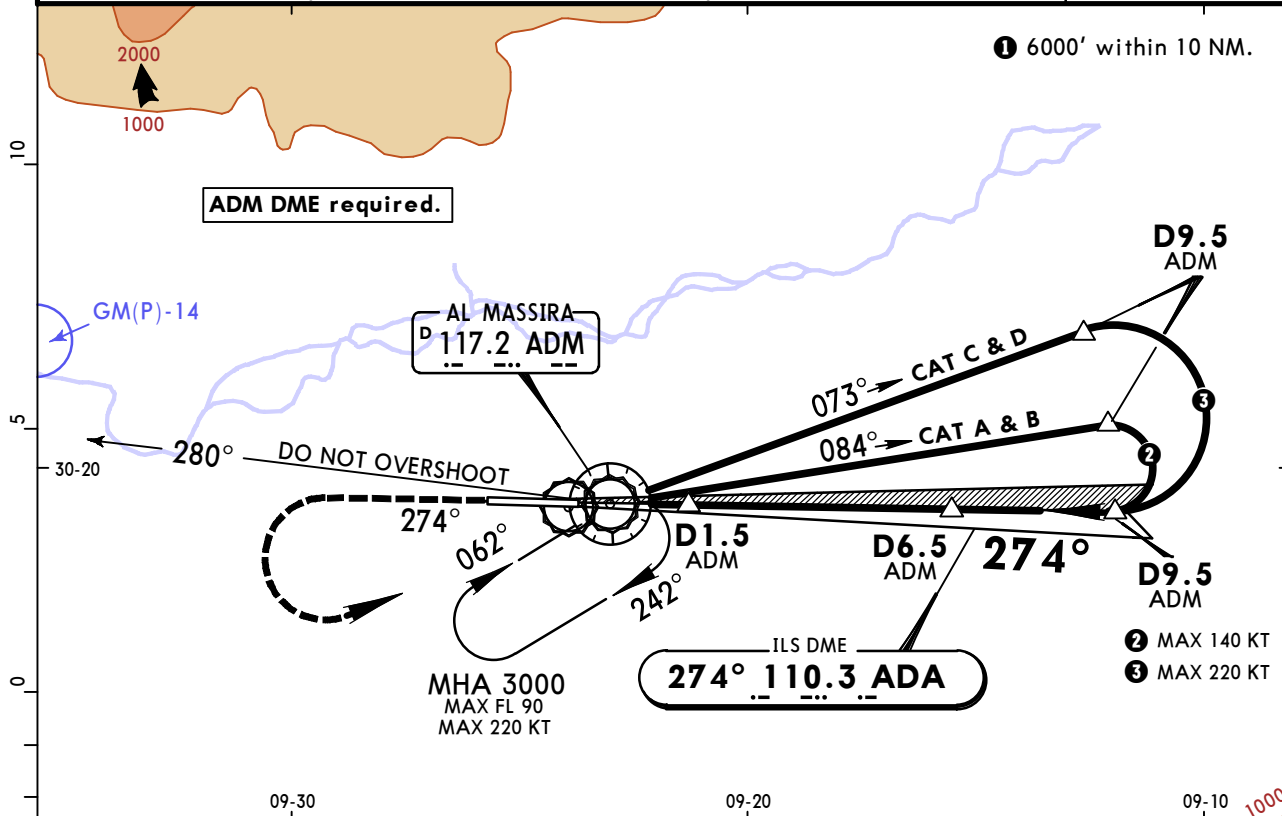
A circular diagram with a center point. Four arrows point towards the center from the outer edge. The top arrow is labeled '10,000'' and has a circled '1' next to it. The right arrow is labeled '8500'' and has a circled '1' next to it. The bottom arrow is labeled '4000'' and has a circled '1' next to it. The left arrow is labeled '123°' and has a circled '1' next to it. The angles between the arrows are labeled: 123° between the top and left arrows, 273° between the top and right arrows, and 003° between the right and bottom arrows.

GMAD/AGA
AL MASSIRA INTL

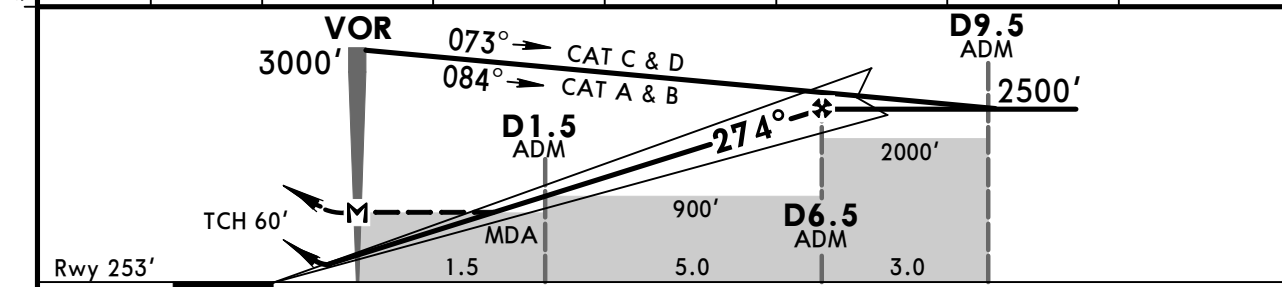
JEPPESEN
1 JAN 16
Eff 7 Jan (11-2)

AGADIR, MOROCCO
ILS Y or LOC Rwy 27

D-ATIS 127.75		AL MASSIRA Approach 120.9		AL MASSIRA Tower 119.5	
LOC ADA 110.3	Final Apch Crs 274°	GS D6.5 ADM 2500' (2247')	ILS DA(H) 460' (207')	Apt Elev 253' Rwy 253'	
MISSED APCH: Climb STRAIGHT AHEAD to 1800', then turn LEFT (MAX 185 KT) to rejoin VOR at 3000' and as directed.					
Alt Set: hPa	Rwy Elev: 9 hPa	Trans level: By ATC	Trans alt: 5000'	MSA ADM VOR	



LOC (GS out)	ADM DME	09-30		09-20		09-10	
		1.0	2.0	3.0	4.0	5.0	6.0
	ALTITUDE	820'	1130'	1450'	1770'	2080'	2400'
	ADA DME	1.0	2.0	3.0	4.0	5.0	6.0
	ALTITUDE	570'	890'	1210'	1530'	1840'	2160'



Gnd speed-Kts	70	90	100	120	140	160		1800' ↑	185 KT MAX LT	3000' ADM 117.2
ILS GS or LOC Descent Angle	3.00°	372	478	531	637	743				
MAP at VOR										

STRAIGHT-IN LANDING RWY 27					
ILS DA(H) 460' (207')			LOC (GS out) MDA(H) 670' (417')		
FULL	TDZ or CL out	ALS out		ALS out	
A					
B					
C	RVR 550m VIS 800m	RVR 720m VIS 800m	1200m	RVR 720m VIS 800m	RVR 1500m VIS 1600m
D				1200m	2000m

GMAD/AGA

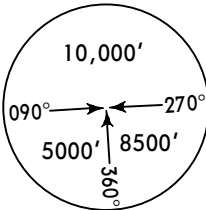
AL MASSIRA INTL

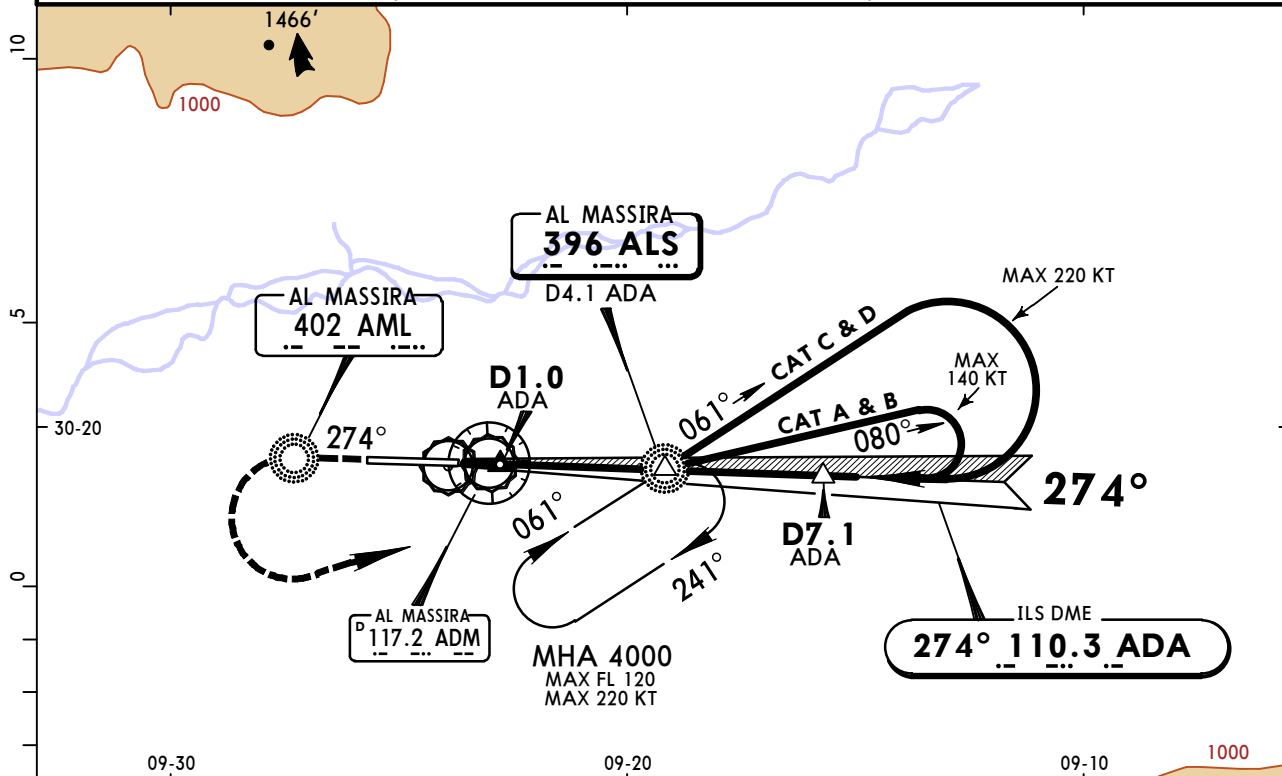
1 JAN 16
Eff 7 Jan

JEPPESSEN
(11-3) ILS X or LOC or NDB Rwy 27

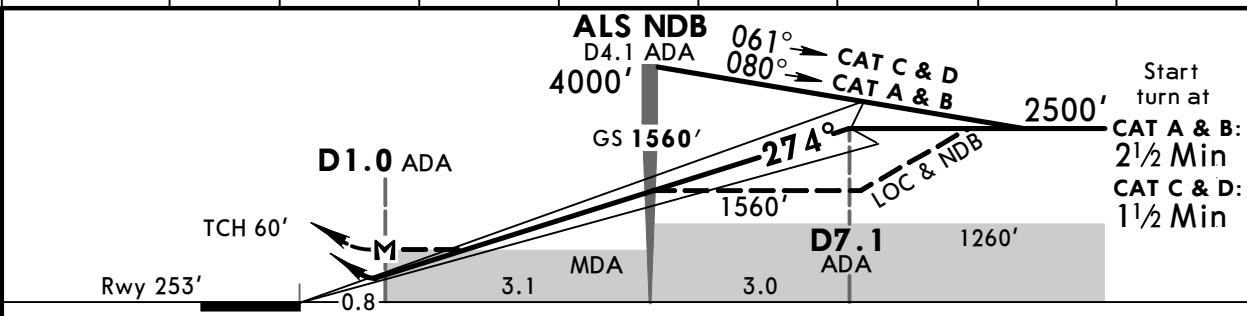
AGADIR, MOROCCO

BRIEFING STRIP™

D-ATIS 127.75		AL MASSIRA Approach 120.9		AL MASSIRA Tower 119.5	
LOC ADA 110.3	Final Apch Crs 274°	GS ALS NDB 1560' (1307')	ILS DA(H) 460' (207')	Apt Elev 253' Rwy 253'	
NDB ALS 396		Procedure Alt ALS NDB 1560' (1307')	NDB MDA(H) 670' (417')		
MISSED APCH: Climb STRAIGHT AHEAD to AML NDB, then turn LEFT (MAX 185 KT) to rejoin ALS NDB climbing to 4000' and as directed.					
Alt Set: hPa		Rwy Elev: 9 hPa	Trans level: By ATC		
			Trans alt: 5000'		



LOC (GS out) or NDB	ADA DME	1.0	2.0	3.0	4.0	5.0	6.0	7.0
ALTITUDE		570'	890'	1210'	1530'	1840'	2160'	2480'



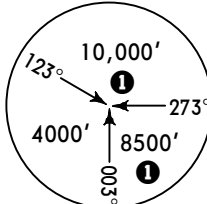
Gnd speed-Kts	70	90	100	120	140	160	HTALS-II PAPI PAPI	AML 402	185 KT MAX	4000' ALS
ILS GS or LOC or NDB Descent Angle	3.00°	372	478	531	637	743	849	↑	LT	396
MAP at D1.0 ADA										

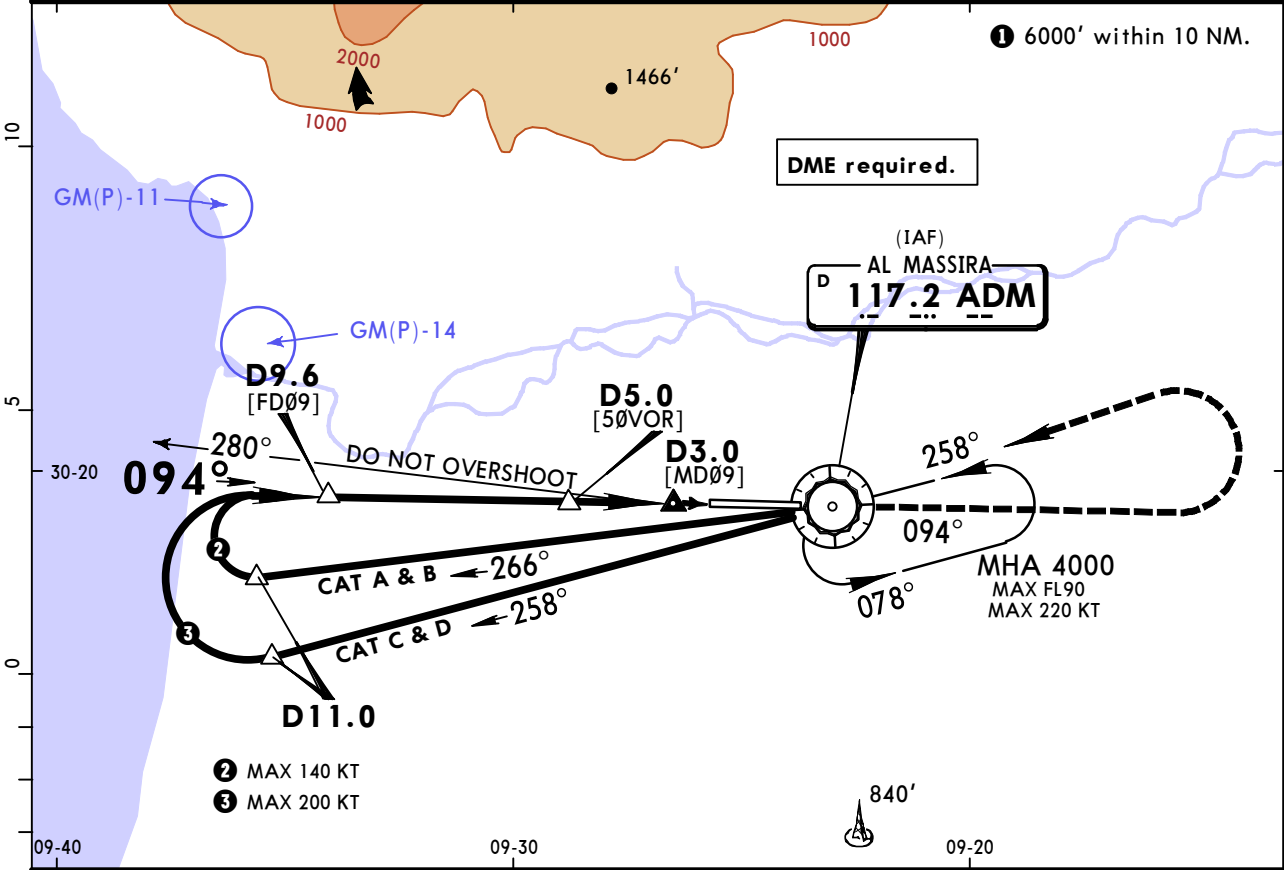
STRAIGHT-IN LANDING RWY 27										
ILS			LOC (GS out)			NDB				
DA(H) 460' (207')			MDA(H) 670' (417')			MDA(H) 670' (417')				
FULL	TDZ or CL out	ALS out		ALS out			ALS out			
A										
B										
C	RVR550m VIS 800m	RVR 720m VIS 800m	1200m	RVR 720m VIS 800m	RVR 1500m VIS 1600m	1200m	RVR 1500m VIS 1600m			
D				RVR 1500m VIS 1600m	2000m	RVR 1500m VIS 1600m	2000m			

GMAD/AGA
AL MASSIRA INTL

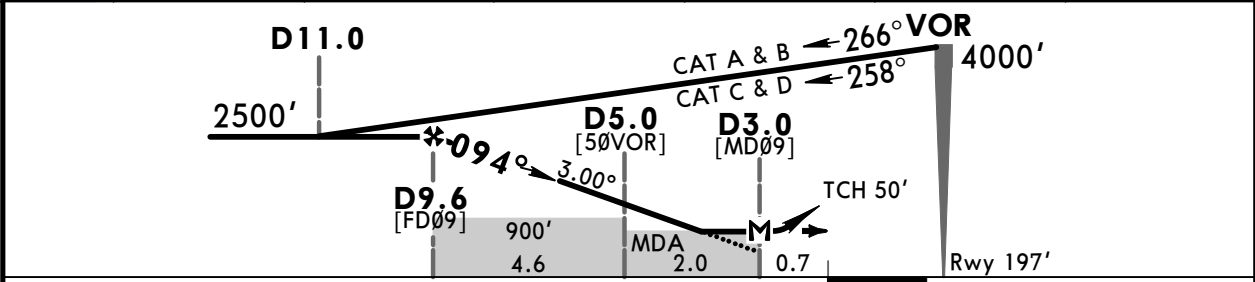
JEPPESSEN
1 JAN 16 13-1 Eff 7 Jan

AGADIR, MOROCCO
VOR Rwy 09

D-ATIS 127.75		AL MASSIRA Approach 120.9		AL MASSIRA Tower 119.5	
VOR ADM 117.2	Final Apch Crs 094°	Procedure Alt D9.6 2500' (2303')	MDA(H) 580' (383')	Apt Elev 253' Rwy 197'	 MSA ADM VOR
MISSED APCH: Climb STRAIGHT AHEAD to 2500', then turn LEFT to rejoin VOR at 4000' and as directed. Do not turn before MAP.					
Alt Set: hPa		Rwy Elev: 7 hPa	Trans level: By ATC	Trans alt: 5000'	



ADM DME	9.0	8.0	7.0	6.0	5.0	4.0
ALTITUDE	2360'	2040'	1730'	1410'	1090'	780'



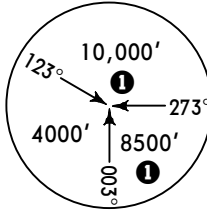
Gnd speed-Kts	70	90	100	120	140	160	PAPI	2500' ↑
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at D3.0								

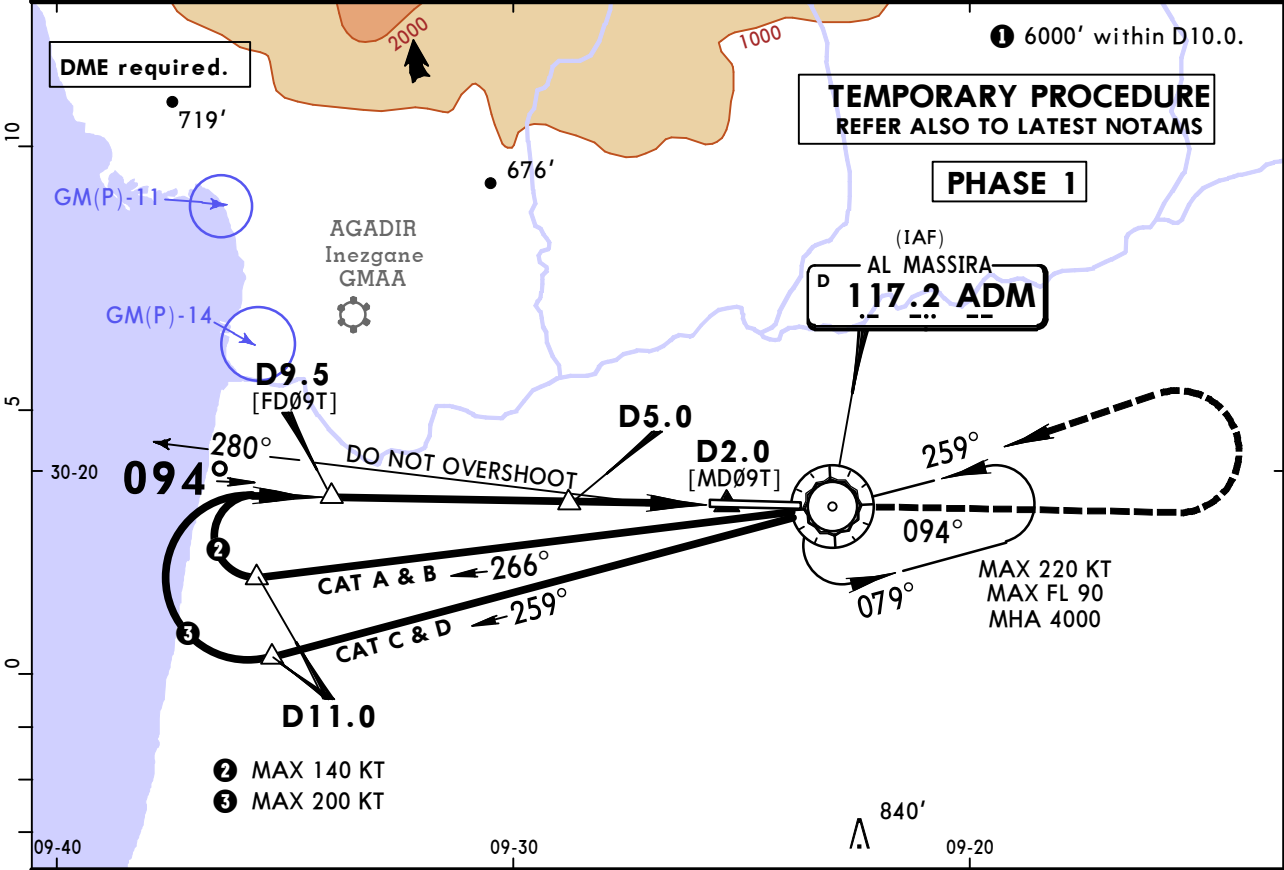
STRAIGHT-IN LANDING RWY 09			
MDA(H) 580' (383')			
A			
B	RVR 1500m VIS 1600m		
C			
D	2000m		

GMAD/AGA
AL MASSIRA INTL

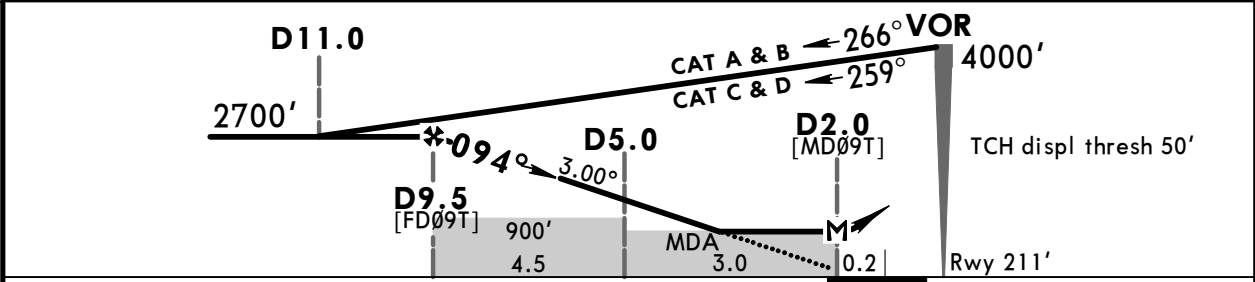
JEPPESEN
12 OCT 18 (13-01) Eff 25 Oct

AGADIR, MOROCCO
VOR T Rwy 09

D-ATIS 127.75		AL MASSIRA Approach 120.9		AL MASSIRA Tower 119.5	
VOR ADM 117.2	Final Apch Crs 094°	Procedure Alt D9.5 2700' (2489')	MDA(H) 600' (389')	Apt Elev 253' Rwy 211'	
MISSED APCH: Climb STRAIGHT AHEAD to 2500', then turn LEFT to rejoin VOR at 4000' and as directed. Do not turn before MAP.					
Alt Set: hPa		Rwy Elev: 8 hPa	Trans level: By ATC	Trans alt: 5000'	



ADM DME	9.0	8.0	7.0	6.0	5.0	4.0	3.0
ALTITUDE	2540'	2220'	1910'	1590'	1280'	960'	640'



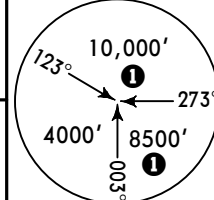
Gnd speed-Kts	70	90	100	120	140	160	2500'
Descent Angle	3.00°	372	478	531	637	743	
MAP at D2.0							

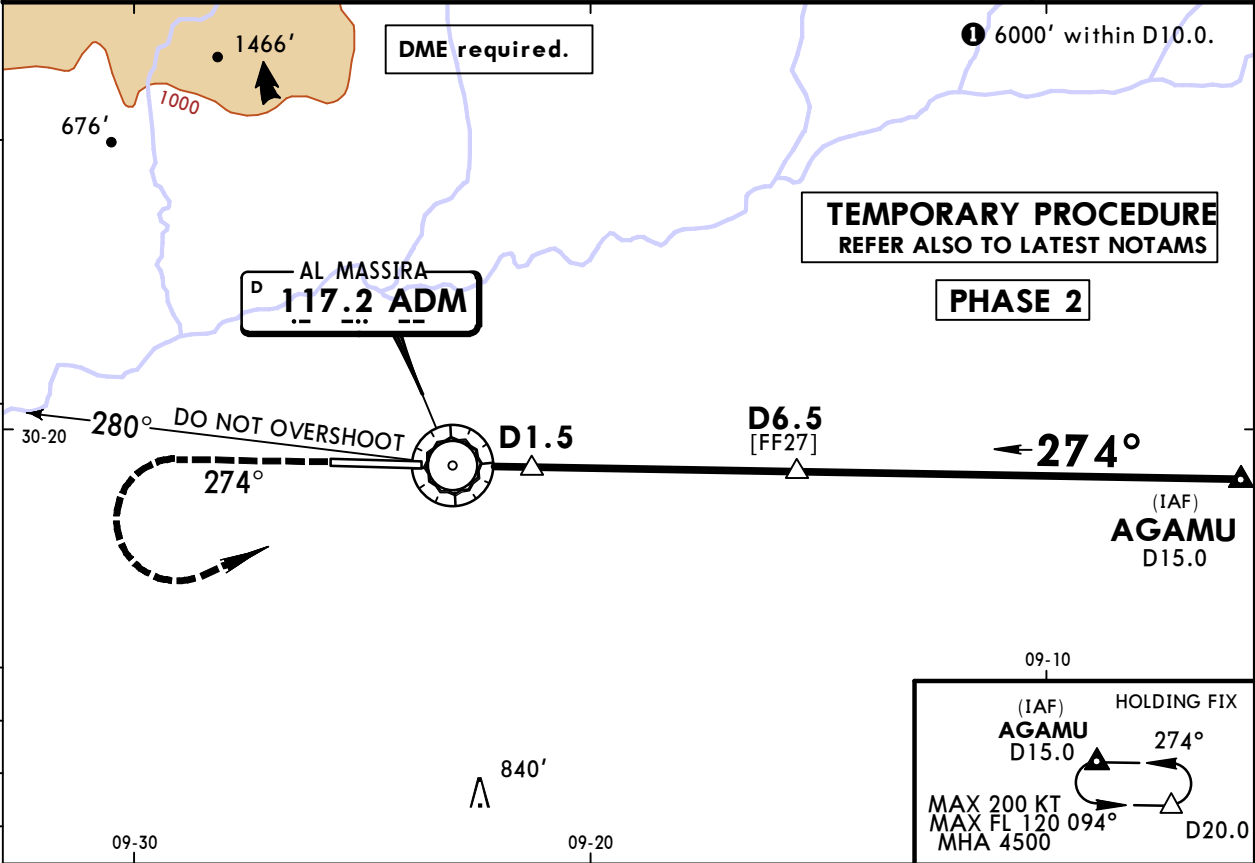
STRAIGHT-IN LANDING RWY 09			
MDA(H) 600' (389')			
A	RVR 1500m VIS 1600m		
B			
C			
D	2000m		

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AL MASSIRA INTL

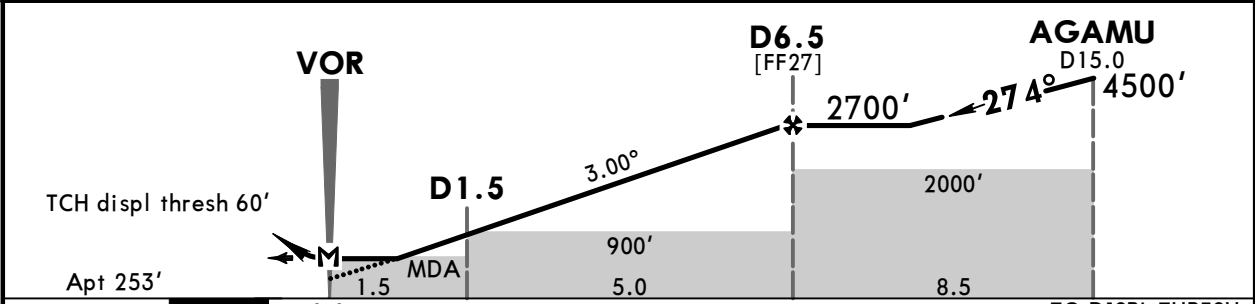
JEPPESSEN
12 OCT 18 13-02 Eff 25 Oct

AGADIR, MOROCCO
VOR T Rwy 27

D-ATIS		AL MASSIRA Approach		AL MASSIRA Tower	
127.75		120.9		119.5	
VOR ADM 117.2	Final Apch Crs 274°	Procedure Alt D6.5 2700' (2447')	MDA(H) 690' (437')	Apt Elev 253'	
MISSED APCH: Climb STRAIGHT AHEAD to 1800', then turn LEFT (MAX 185 KT) to rejoin VOR at 3100' and as directed.					
Alt Set: hPa		Apt Elev: 9 hPa		Trans level: By ATC	
				Trans alt: 5000'	MSA ADM VOR



ADM DME	1.0	2.0	3.0	4.0	5.0	6.0
ALTITUDE	970'	1280'	1600'	1920'	2230'	2550'



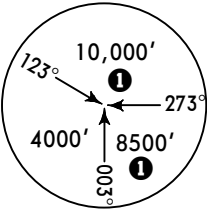
Gnd speed-Kts	70	90	100	120	140	160	1800'		185 KT	3100'
Descent Angle	3.00°	372	478	531	637	743	↑		MAX	ADM
MAP at VOR							LT			117.2

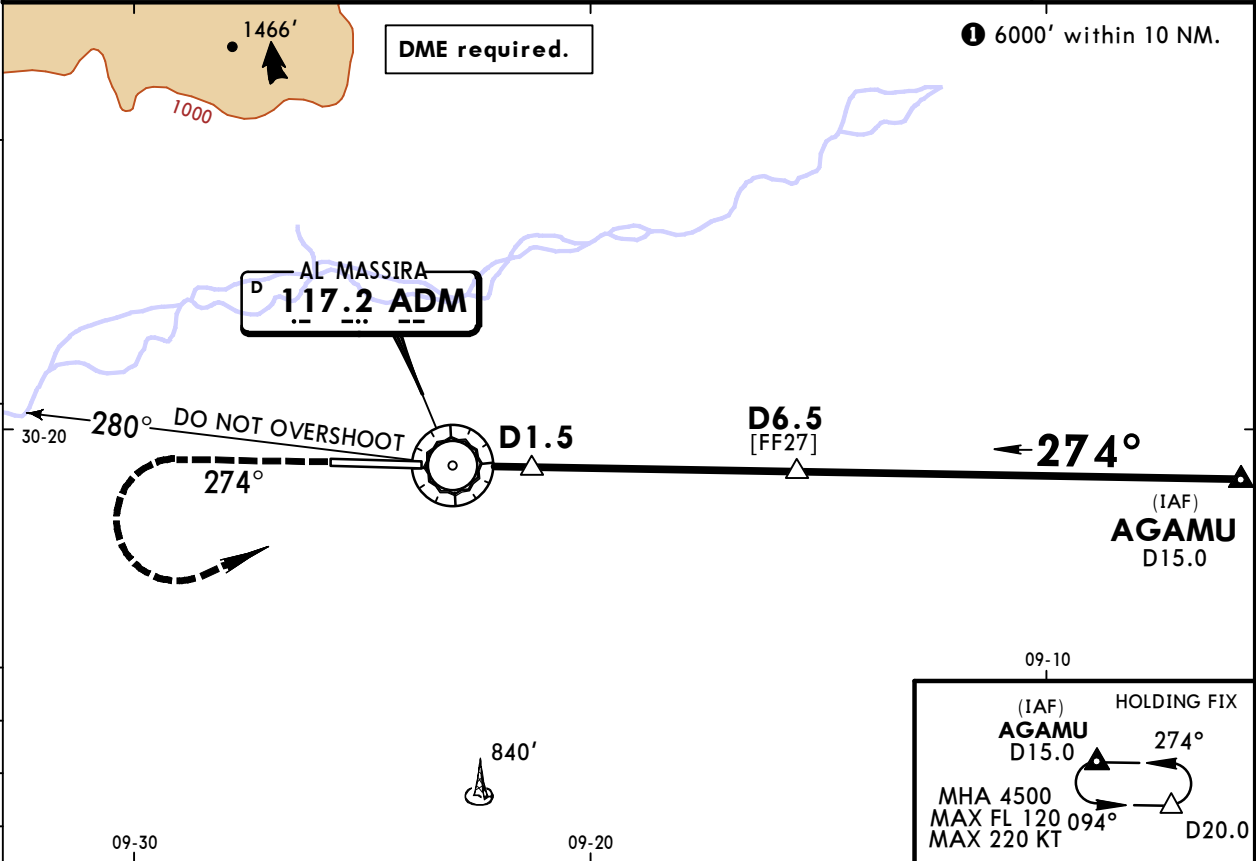
STRAIGHT-IN LANDING RWY 27		MDA(H) 690' (437')	
A	RVR 1500m		
B	VIS 1600m		
C	2000m		
D	2400m		

GMAD/AGA
AL MASSIRA INTL

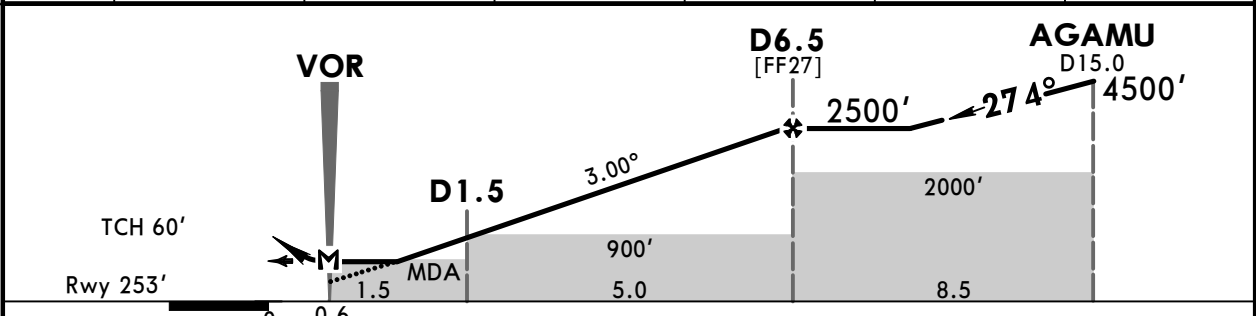
JEPPESEN
1 JAN 16 13-2 Eff 7 Jan

AGADIR, MOROCCO
VOR Z Rwy 27

D-ATIS		AL MASSIRA Approach		AL MASSIRA Tower	
127.75		120.9		119.5	
VOR ADM 117.2	Final Apch Crs 274°	Procedure Alt D6.5 2500' (2247')	MDA(H) 670' (417')	Apt Elev 253' Rwy 253'	
MISSED APCH: Climb STRAIGHT AHEAD to 1800', then turn LEFT (MAX 185 KT) to rejoin VOR at 3000' and as directed.					
Alt Set: hPa		Rwy Elev: 9 hPa	Trans level: By ATC	Trans alt: 5000'	



ADM DME	1.0	2.0	3.0	4.0	5.0	6.0
ALTITUDE	820'	1130'	1450'	1770'	2080'	2400'



Gnd speed-Kts	70	90	100	120	140	160		1800'	185 KT	3000'
Descent Angle	3.00°	372	478	531	637	743		MAX	LT	ADM
MAP at VOR										117.2

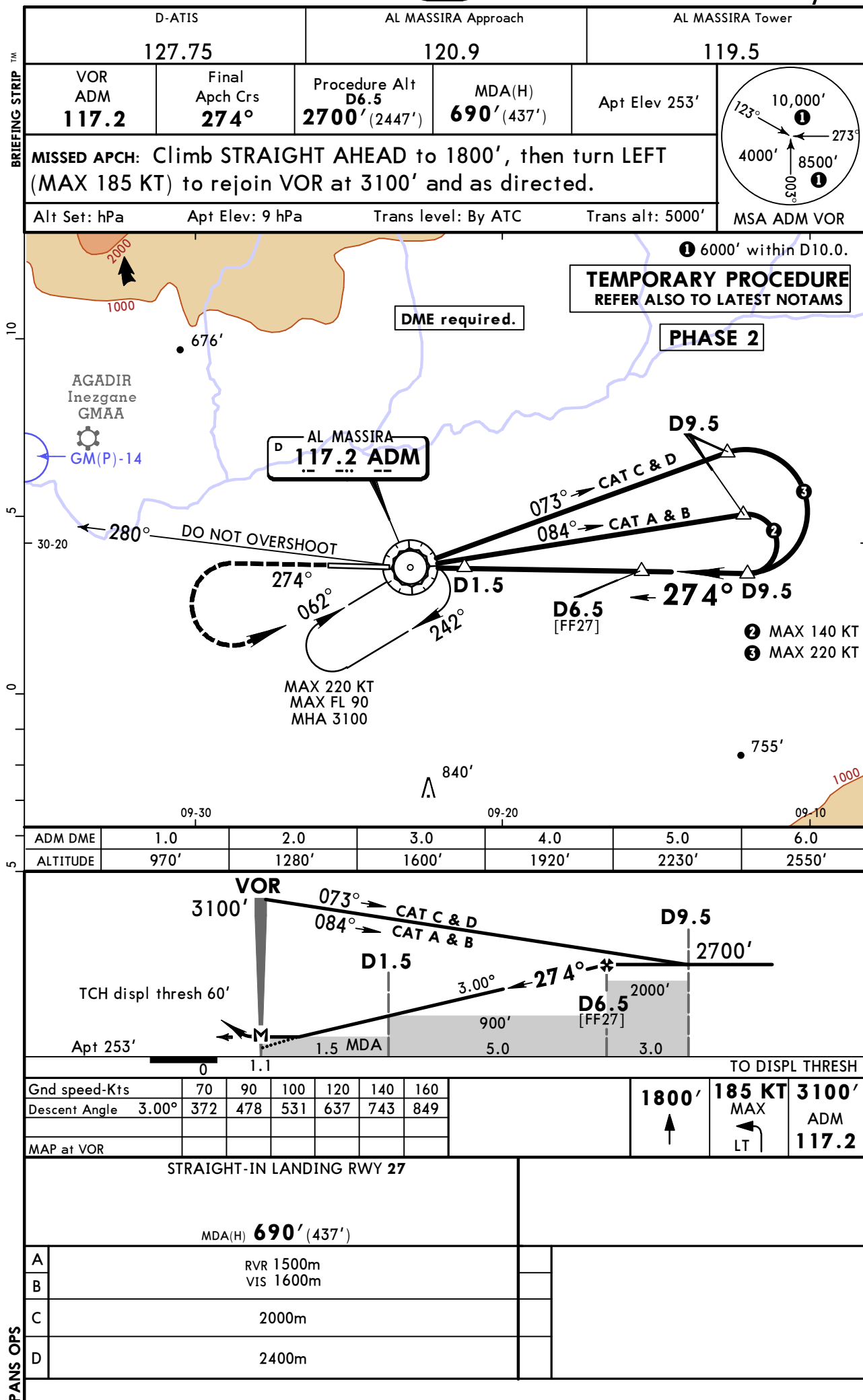
STRAIGHT-IN LANDING RWY 27							
MDA(H) 670' (417')				ALS out			
A	RVR 720m VIS 800m		RVR 1500m VIS 1600m				
B							
C	1200m		2000m				
D							

GMAD/AGA

AL MASSIRA INTL

12 OCT 18 **(13-03)** **Eff 25 Oct**

AGADIR, MOROCCO
VOR S Rwy 27



CHANGES: New temporary procedure.

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AGADIR, (AL MASSIRA INTL - GMAD)

TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport GMAD

Type: Terminal

Effectivity: Temporary

Begin Date: 20181025

End Date: 20190222

Due to construction works during phase 1 VOR Rwy 09 (13-1) and during phase 2 all procedures to Rwy 27 suspended. For valid procedure charts refer to TEMP APCH procedures 13-01, 13-02, 13-03 and latest NOTAMS. For details refer to temporary charts 10-8, 10-8A and latest NOTAMS.