

LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

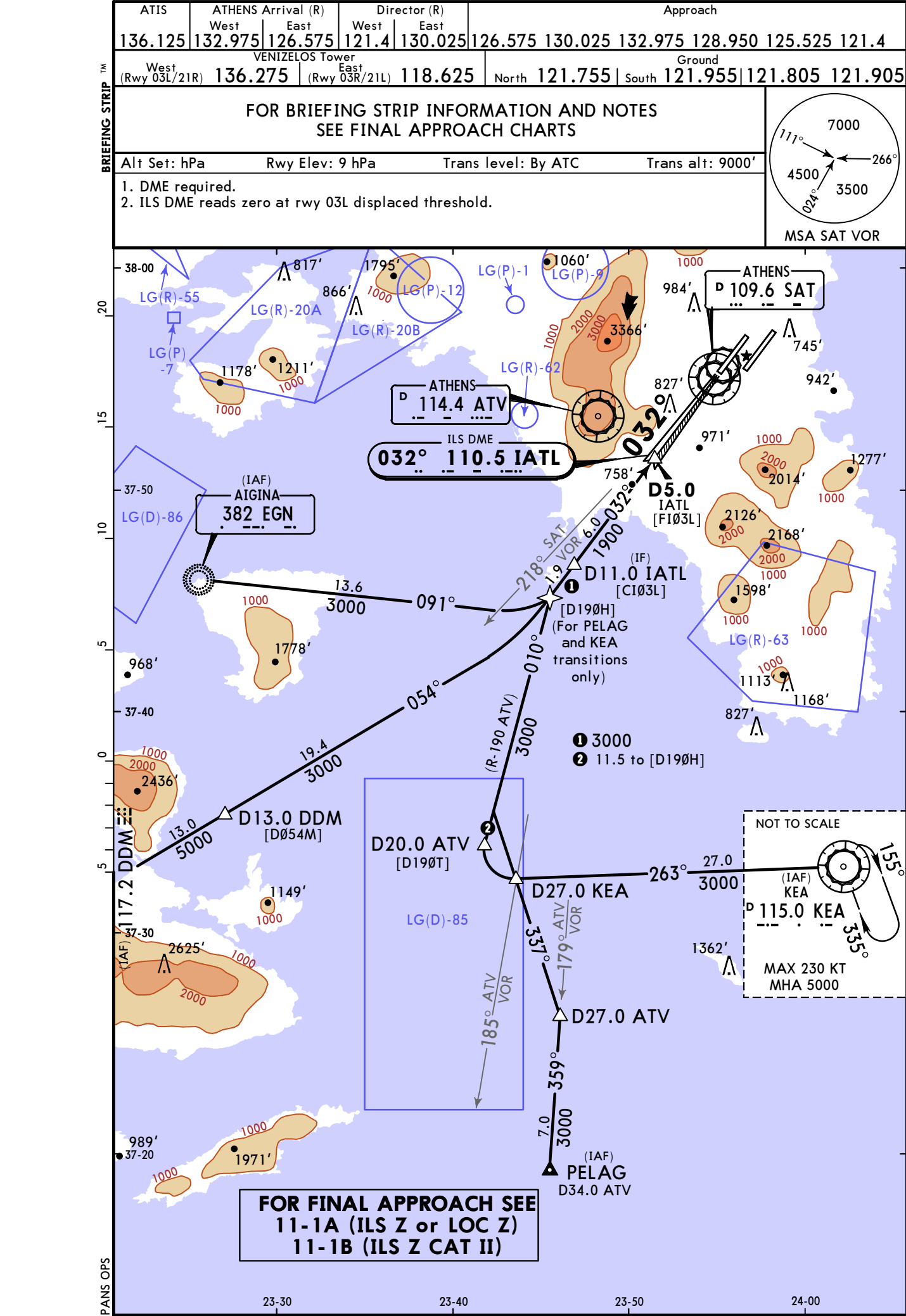
12 APR 24  
Eff 18 Apr

JEPPESSEN

11-1

ATHENS, GREECE

ILS Z or LOC Z Rwy 03L



## LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

12 APR 24

**Eff 18 Apr**

**JEPPESSEN**

## ATHENS, GREECE

11-1A

**(11-1A) ILS Z or LOC Z Rwy 03L**

ATIS

ATHENS Arrival (R)

Director (R)

Approach

West

East

West

East

136.125

132.975

126.575

121.4

130.025

126.575

130.025

132.975

128.950

125.525

121.4

VENIZELOS Tower

West (Rwy 03L/21R)

East (Rwy 03R/21L)

North

Ground

South

136.275

118.625

121.755

121.955

121.805

121.905

LOC IATL

Final Apch Crs

D5.0 IATL

ILS DA(H)

Apt Elev 308'

110.5

032°

1900' (1645')

455' (200')

Rwy 255'

MISSED APCH: Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D14.0 SAT VOR turn RIGHT (MAX 220 KT). Intercept R-347 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.

Alt Set: hPa

Rwy Elev: 9 hPa

Trans level: By ATC

Trans alt: 9000'

1. DME required. 2. ILS DME reads zero at rwy 03L displaced threshold.

7000

266°

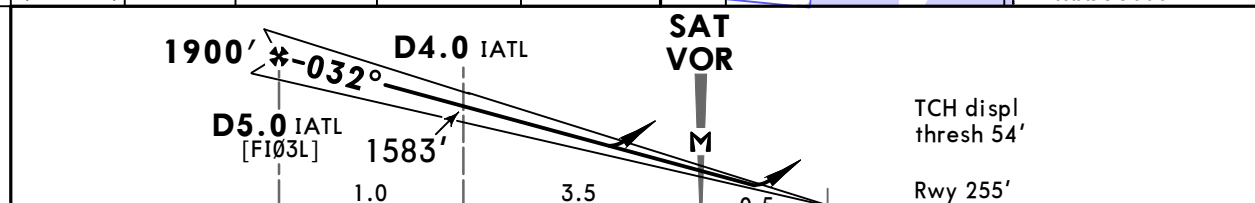
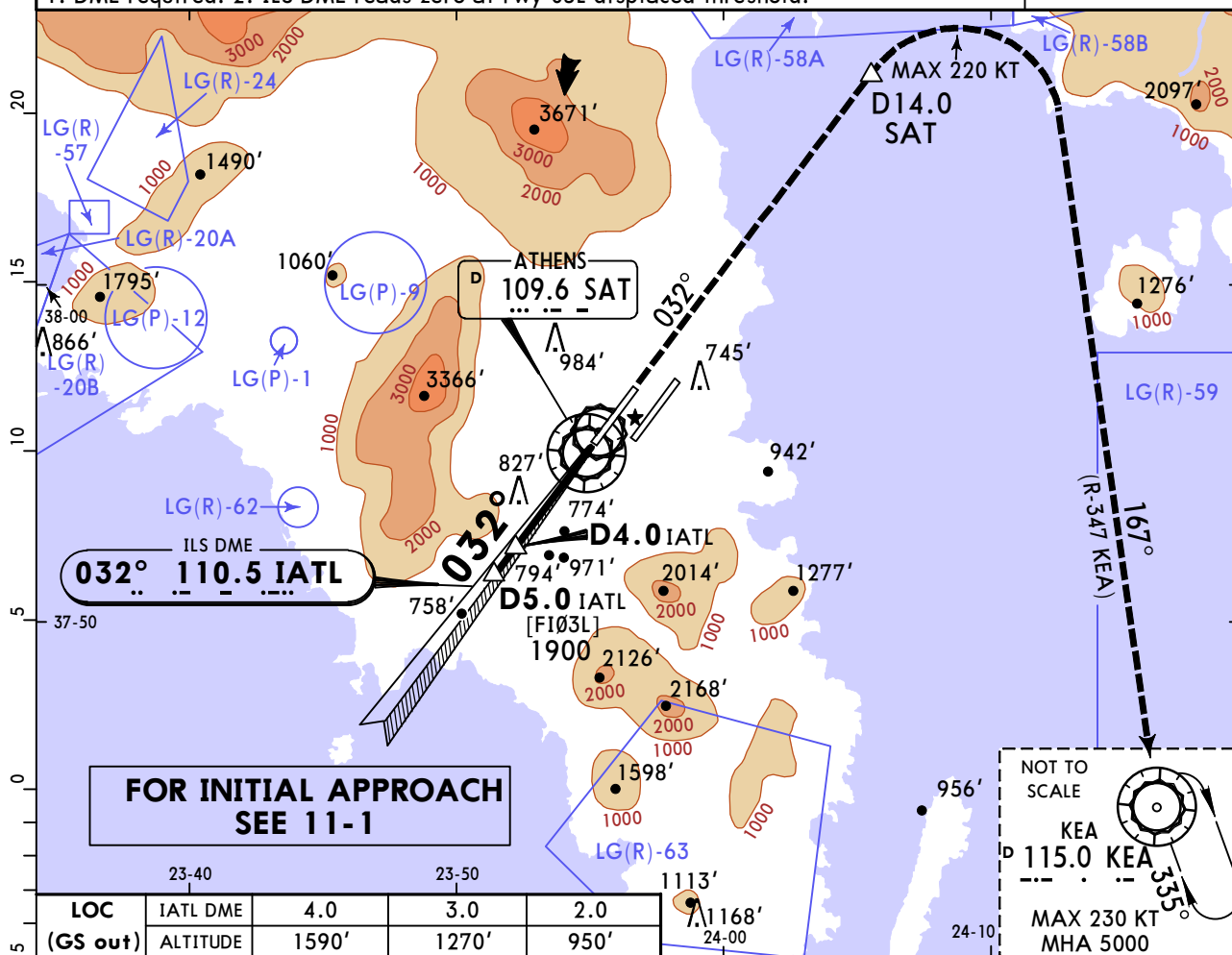
3500



024°

4500

111°

MSA SAT VOR



0.5										
Gnd speed-Kts	70	90	100	120	140	160	 HIALS-II PAPI		SAT	<b>D14.0</b> SAT
GS 3.00°	372	478	531	637	743	849			<b>109.6</b>	
									<b>R-032</b>	
MAP at SAT VOR										

Std/State		STRAIGHT-IN LANDING			CIRCLE-TO-LAND	
		ILS	LOC (GS out) CDFA			
		DA(H) <b>455'</b> (200')	<b>2</b> DA/MDA(H) <b>1270'</b> (1015')		Max Kts	MDA(H)
		TDZ or CL out	ALS out	ALS out		
A	R550m	<b>1</b> R550m	R1200m	R1500m	100	<b>1200'</b> (892') <b>3</b> V1500m
B					135	<b>1300'</b> (992') <b>3</b> V1600m
C					C	N/A
D					D	

**1** R750m when a Flight Director or Autopilot or HUD to DA is not used.

2 VNAV DA(H) in lieu of MDA(H) depends on operator policy.

**3** or higher straight-in minimums.

CHANGES: Recommended altitudes, LG(R)-24 shape.

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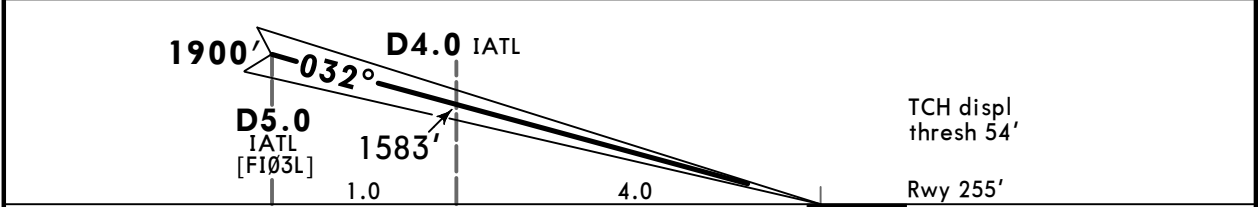
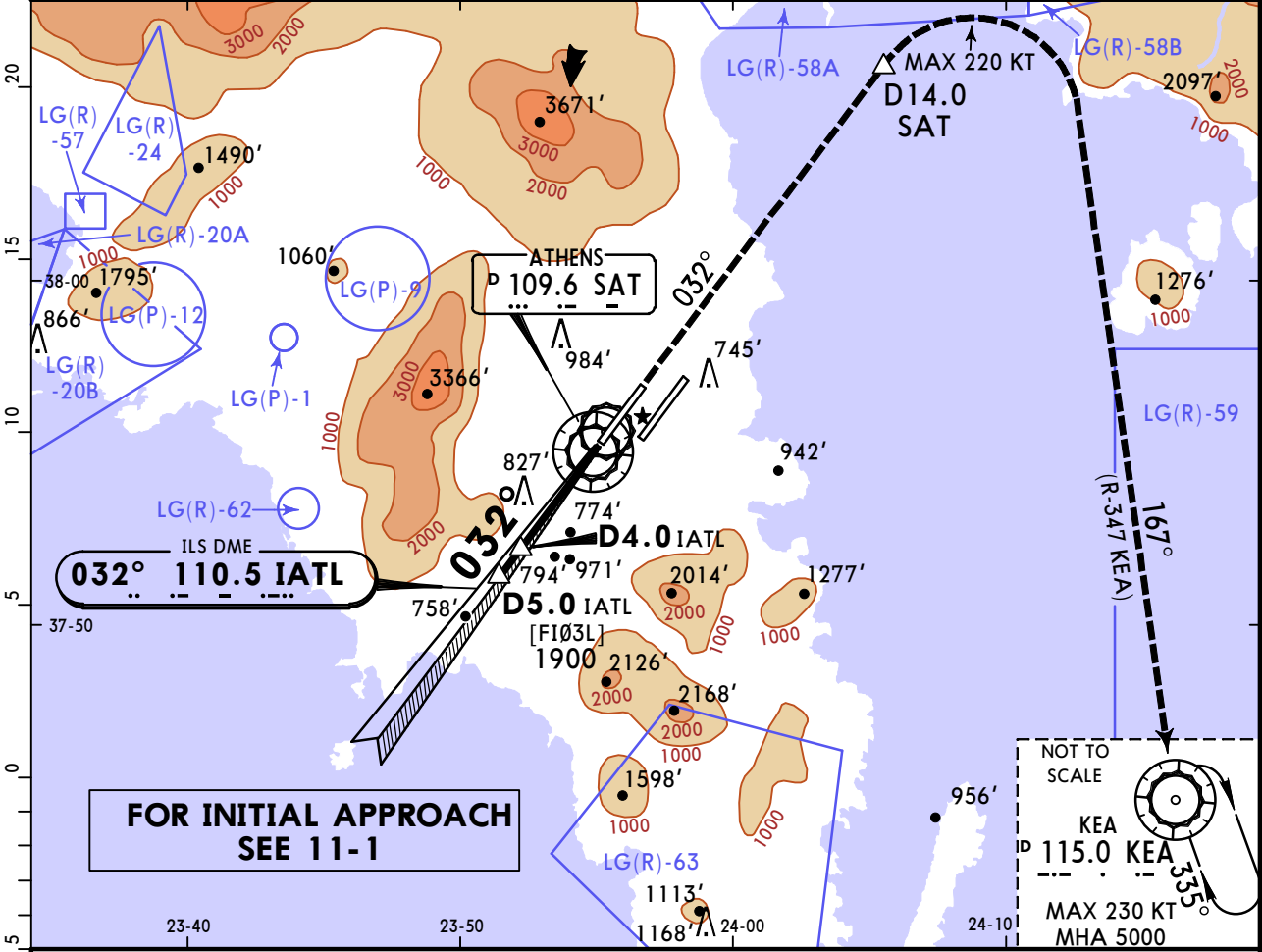
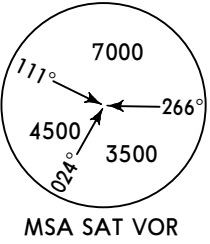
LGAV/ATH  
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN  
12 APR 24  
Eff 18 Apr 11-1B

ATHENS, GREECE  
CAT II ILS Z Rwy 03L

ATIS		ATHENS Arrival (R)		Director (R)		Approach				
West	East	West	East	West	East					
136.125	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower						Ground				
West (Rwy 03L/21R)	East (Rwy 03R/21L)	North	South							
136.275	118.625	121.755	121.955	121.805	121.905					
LOC IATL	Final Apch Crs	D5.0 IATL	CAT II ILS RA 97'	Apt Elev 308'						
110.5	032°	1900' (1645')	DA(H) 355' (100')	Rwy 255'						
MISSED APCH: Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D14.0 SAT VOR turn RIGHT (MAX 220 KT). Intercept R-347 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.										
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC		Trans alt: 9000'				
1. DME required. 2. ILS DME reads zero at rwy 03L displaced threshold.										

A circular diagram representing the MSA SAT VOR. It shows three radial lines with bearings and distances: 111° to 7000 feet, 266° to 4500 feet, and 024° to 3500 feet. The center of the circle is labeled 'MSA SAT VOR'.



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II		SAT	D14.0
GS	3.00°	372	478	531	637	743	849		109.6	SAT
									R-032	

Std/State STRAIGHT-IN LANDING CAT II ILS  
RA 97'  
DA(H) 355' (100')

R300m  
CAT D without autoland: R350m.

## LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

12 APR 24

**Eff 18 Apr****JEPPesen**

## ATHENS, GREECE

ILS Y or LOC Y Rwy 03L

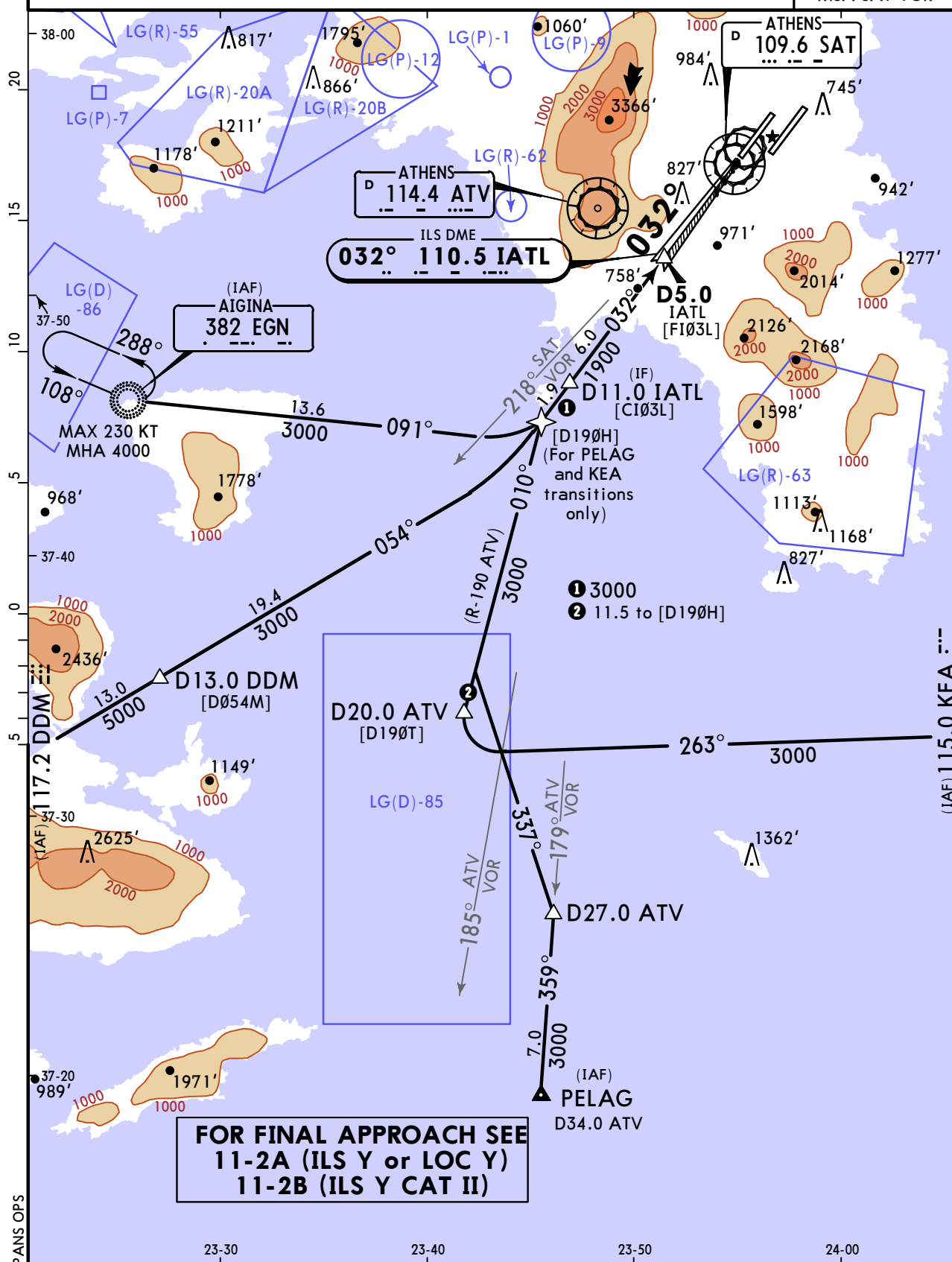
ATIS	ATHENS Arrival (R)		Director(R)		Approach				
	West	East	West	East					
136.125	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950	125.525 121.4
	VENIZELOS Tower				Ground				
(Rwy 03L/21R)	West 136.275	East (Rwy 03R/21L)	118.625		North	121.755	South	121.955	121.805 121.905

FOR BRIEFING STRIP INFORMATION AND NOTES  
SEE FINAL APPROACH CHARTS

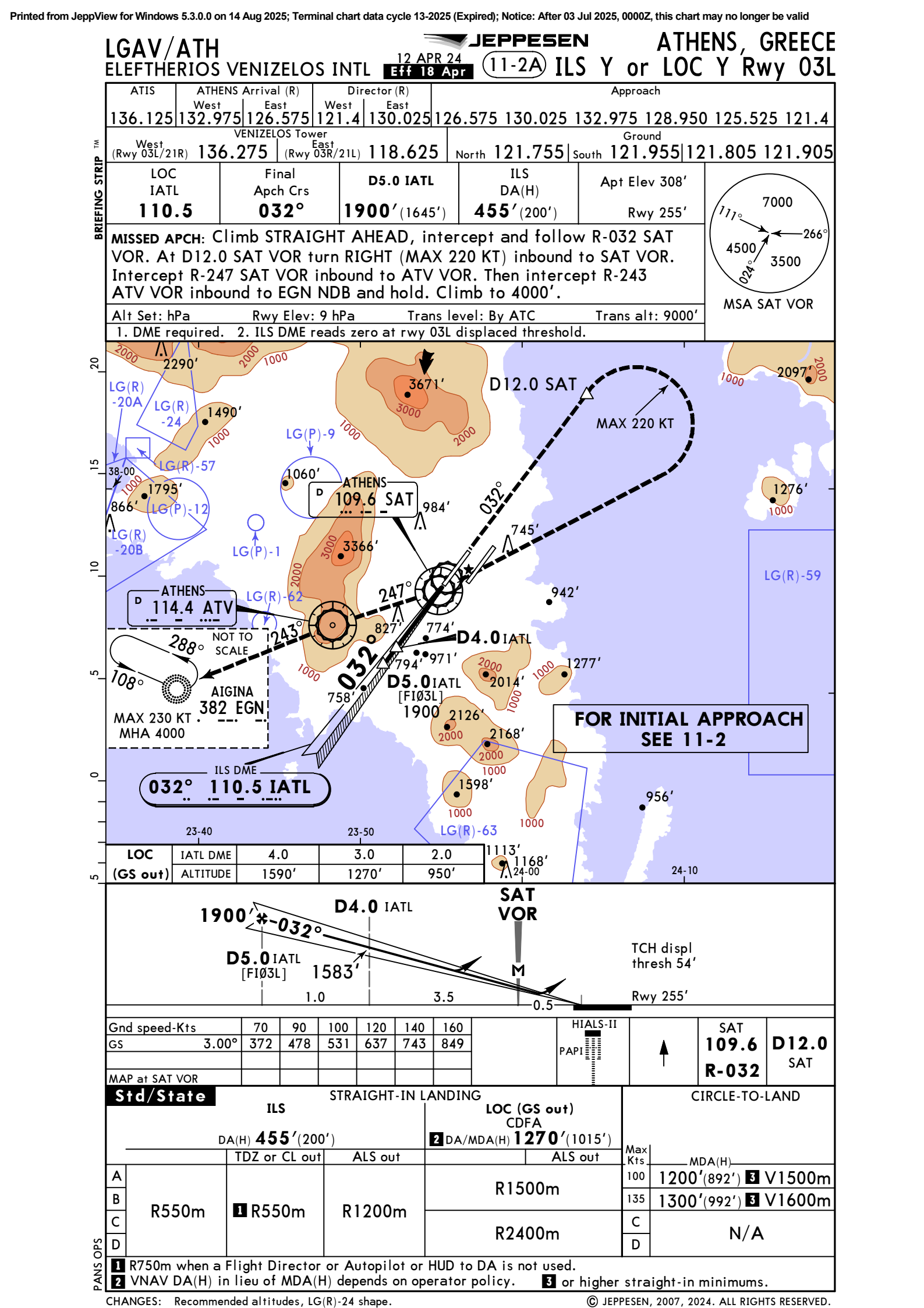
Alt Set: hPa	Rwy Elev: 9 hPa	Trans level: By ATC	Trans alt: 9000'
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1. DME required.
2. ILS DME reads zero at rwy 03L displaced threshold.

MSA SAT VOR



**FOR FINAL APPROACH SEE**  
**11-2A (ILS Y or LOC Y)**  
**11-2B (ILS Y CAT II)**





LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

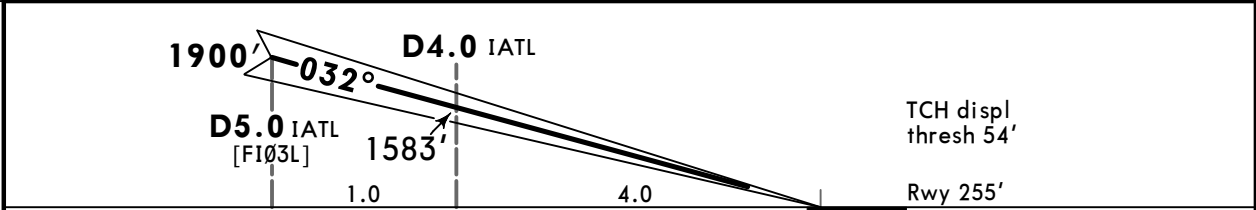
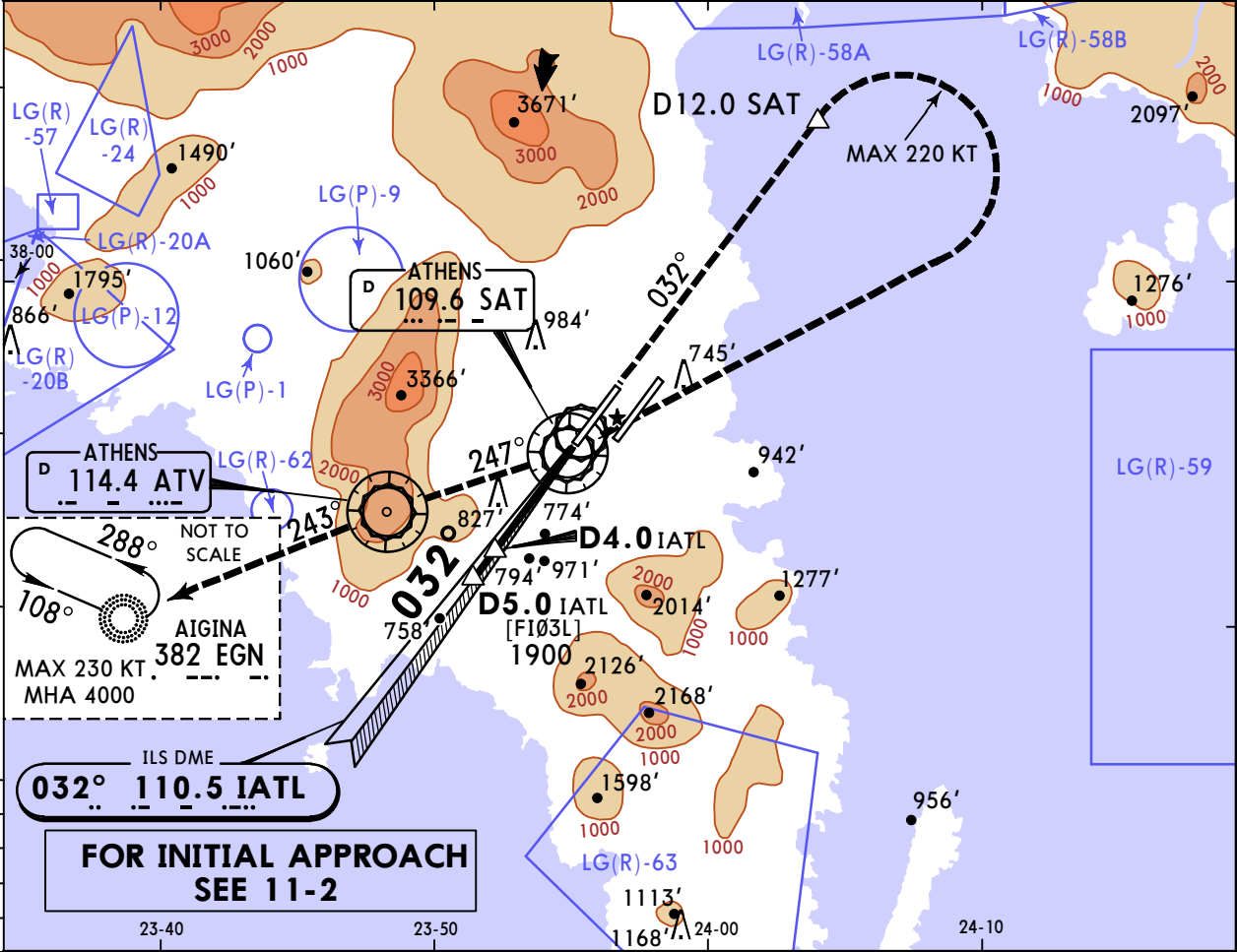
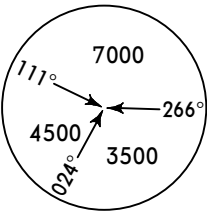
JEPPESEN  
12 APR 24  
Eff 18 Apr 11-2B

ATHENS, GREECE

CAT II ILS Y Rwy 03L

ATIS		ATHENS Arrival (R)		Director (R)		Approach				
West	East	West	East							
136.125	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower					Ground					
West (Rwy 03L/21R)		East (Rwy 03R/21L)			North		South			
136.275		118.625			121.755		121.955		121.805	121.905
LOC IATL	Final Apch Crs	D5.0 IATL	CAT II ILS		Apt Elev 308'					
110.5	032°	1900' (1645')	RA 97'		Rwy 255'					
				DA(H) 355' (100')						
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D12.0 SAT VOR turn RIGHT (MAX 220 KT) inbound to SAT VOR. Intercept R-247 SAT VOR inbound to ATV VOR. Then intercept R-243 ATV VOR inbound to EGN NDB and hold. Climb to 4000'.										
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC			Trans alt: 9000'			
1. DME required. 2. ILS DME reads zero at rwy 03L displaced threshold.										

MSA SAT VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II		SAT	
GS	3.00°	372	478	531	637	743	849		109.6	D12.0
									R-032	SAT

**Std/State** STRAIGHT-IN LANDING CAT II ILS  
**RA 97'**  
DA(H) 355' (100')

**R300m**  
**CAT D** without autoland: R350m.

LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

JEPPESEN

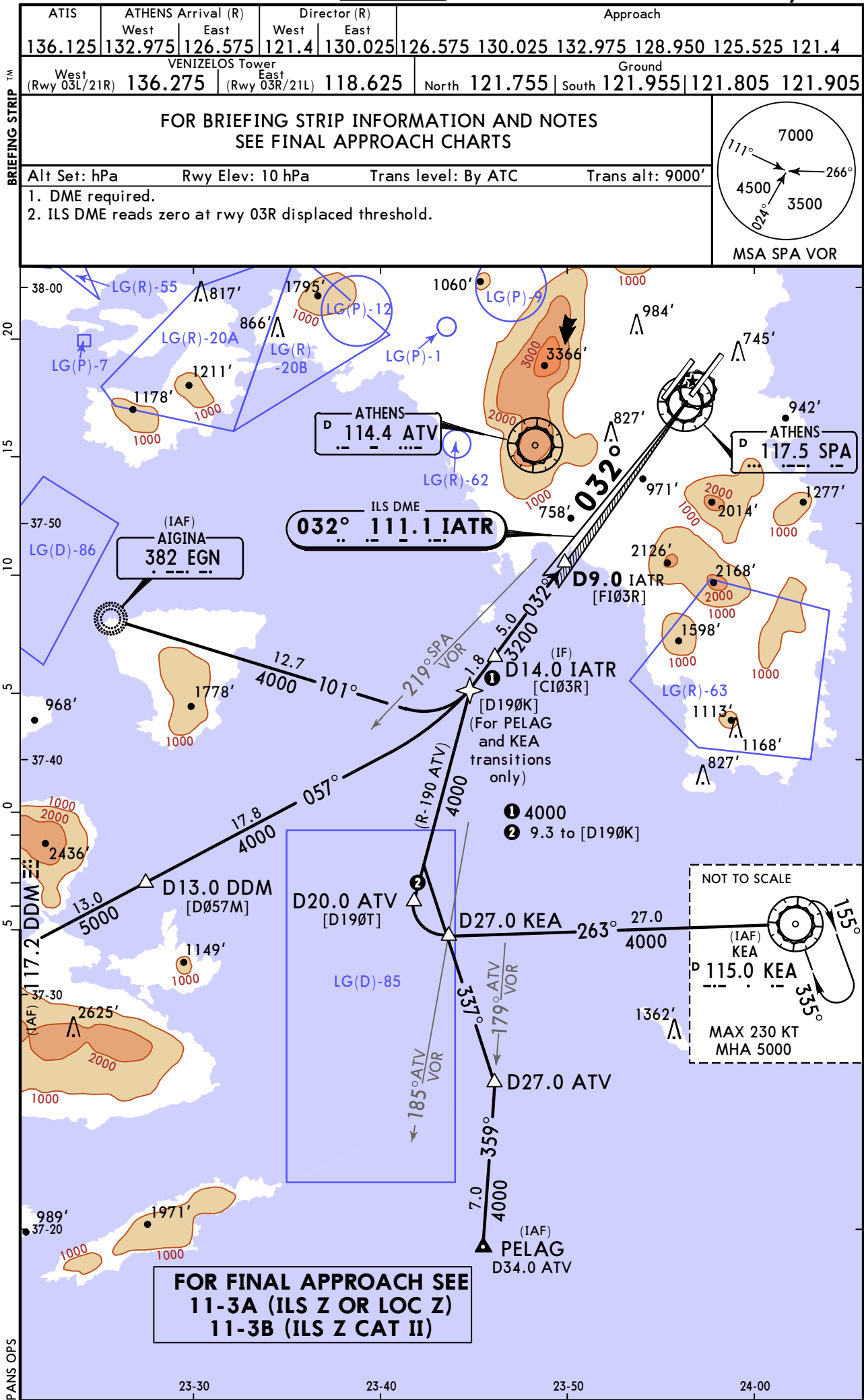
12 APR 24

Eff 18 Apr

11-3

ATHENS, GREECE

ILS Z or LOC Z Rwy 03R



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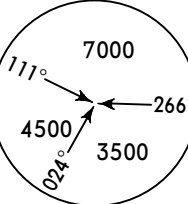
LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

JEPPESEN  
12 APR 24  
Eff 18 Apr 11-3B

ATHENS, GREECE

CAT II ILS Z Rwy 03R

ATIS		ATHENS Arrival (R)		Director (R)		Approach						
West		East		West		East		Ground				
136.125		132.975		126.575		121.4		130.025		126.575 130.025 132.975 128.950 125.525 121.4		
West (Rwy 03L/21R)		VENIZELOS Tower East (Rwy 03R/21L)		North		South						
136.275		118.625		121.755		121.955		121.805 121.905				
LOC IATR 111.1		Final Apch Crs 032°		D9.0 IATR 3200'(2929')		CAT II ILS RA 147' DA(H) 421'(150')		Apt Elev 308' Rwy 271'				
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SPA VOR. At D5.0 SPA VOR turn RIGHT (MAX 200 KT), intercept R-334 KEA VOR, inbound to KEA VOR at 5000' and hold. Missed apch requires a minimum climb gradient of 3.0% up to 1200'.												
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'		MSA SPA VOR				
1. DME required. 2. ILS DME reads zero at rwy 03R displaced threshold.												

LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

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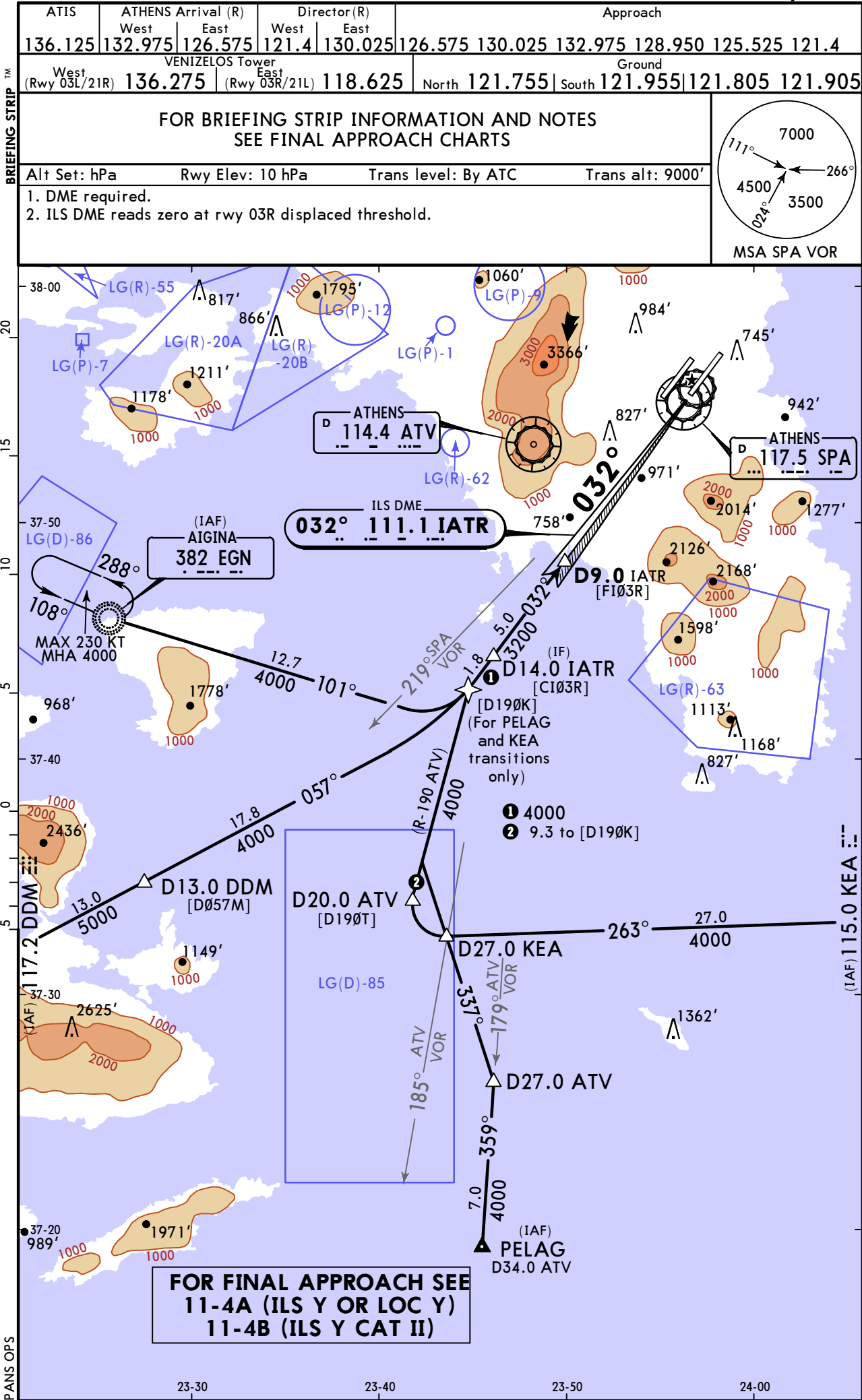
12 APR 24

Eff 18 Apr

11-4

ATHENS, GREECE

ILS Y or LOC Y Rwy 03R



CHANGES: LG(R)-21 withdrawn, EGN holding MAX speed.

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ELEFTHERIOS VENIZELOS INTL

12 APR 24  
Eff 18 Apr

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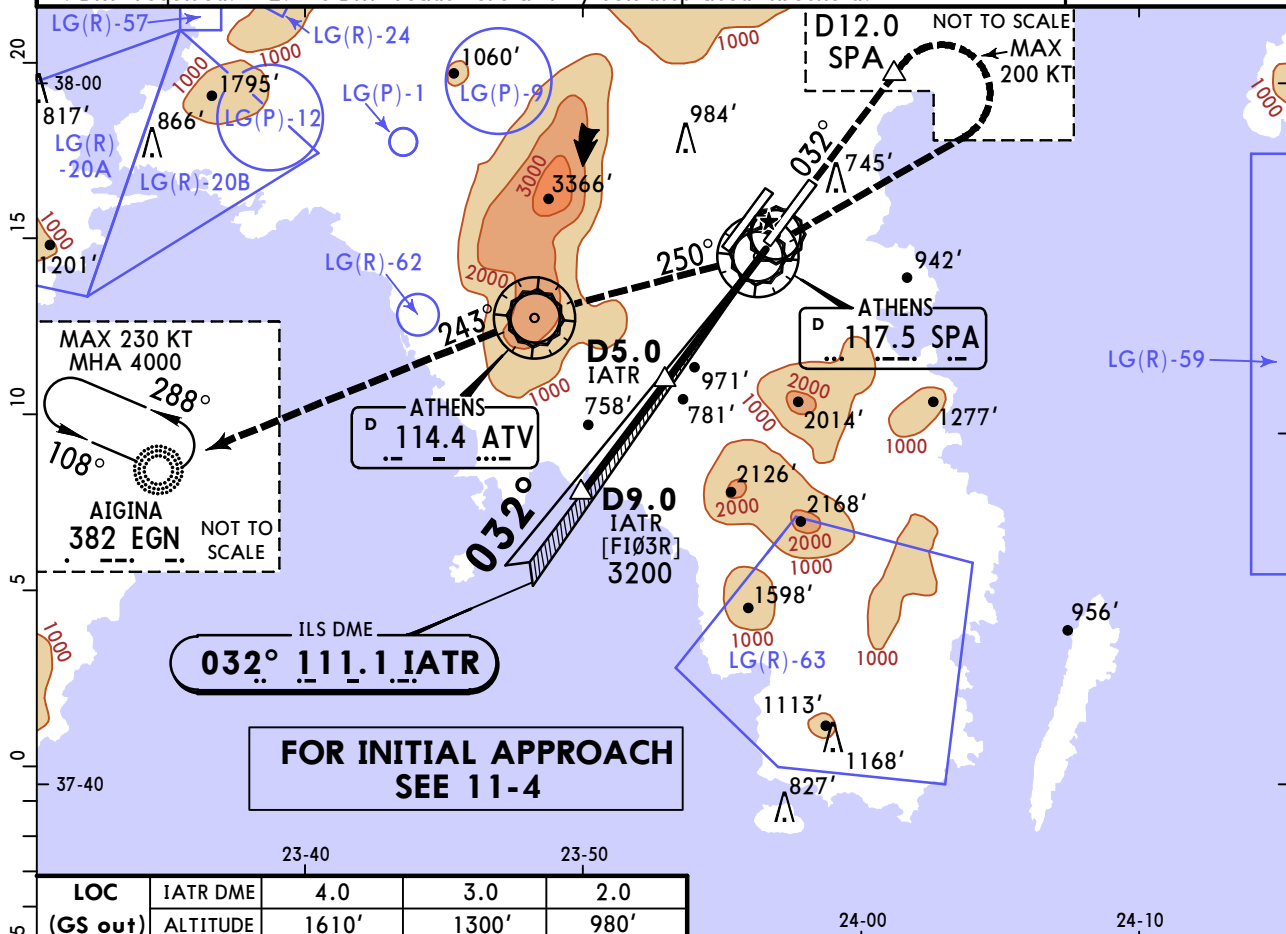
ATHENS, GREECE

11-4A ILS Y or LOC Y Rwy 03R

BRIEFING STRIP™

ATIS		ATHENS Arrival (R)		Director (R)		Approach				
West	East	West	East	West	East					
136.125	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower						Ground				
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.755	South	121.955	121.805	121.905	
LOC IATR	Final Apch Crs	D9.0 IATR		ILS DA(H)	Apt Elev 308'					
111.1	032°	3200' (2929')		471' (200')	Rwy 271'					
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SPA VOR. At D12.0 SPA VOR turn RIGHT (MAX 200 KT) inbound to SPA VOR. Follow R-250 SPA VOR inbound to ATV VOR. Follow R-243 ATV VOR to EGN NDB and hold. Climb to 4000'.										
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'				
1. DME required.		2. ILS DME reads zero at rwy 03R displaced threshold.								

MSA SPA VOR



LOC (GS out)	IATR DME	4.0	3.0	2.0
	ALTITUDE	1610'	1300'	980'

Gnd speed-Kts	70	90	100	120	140	160				
GS 3.00°	372	478	531	637	743	849				
MAP at SPA VOR										

0.6

HIALS-II

PAPI

<

Std/State		STRAIGHT-IN LANDING				CIRCLE-TO-LAND	
1 ILS		LOC (GS out)		CDFA		MDA(H)	
DA(H) 471' (200')		DA/MDA(H) 690' (419')		ALS out		1200' (892') V1500m	
TDZ or CL out		ALS out		ALS out		1300' (992') V1600m	
A	R550m	2 R550m	R1200m	R1200m	R1500m	C	N/A
B						D	
C							
D							

1 DL: DA(H) 581' (310'), FULL: R700m, TDZ or CL out: R700m (R750m when a Flight Director or Autopilot or HUD to DA is not used.), ALS out: R1400m. 2 R750m when a Flight Director or Autopilot or HUD to DA is not used. 3 VNAV DA(H) in lieu of MDA(H) depends on operator policy.

## LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

12 APR 24  
Eff 18 Apr

12 APR 24  
Eff 18 Apr

11-4B

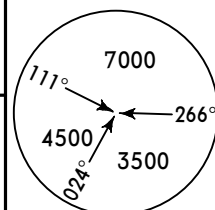
**JEPPESSEN**

## ATHENS, GREECE

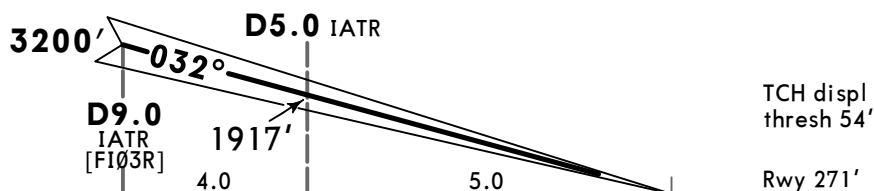
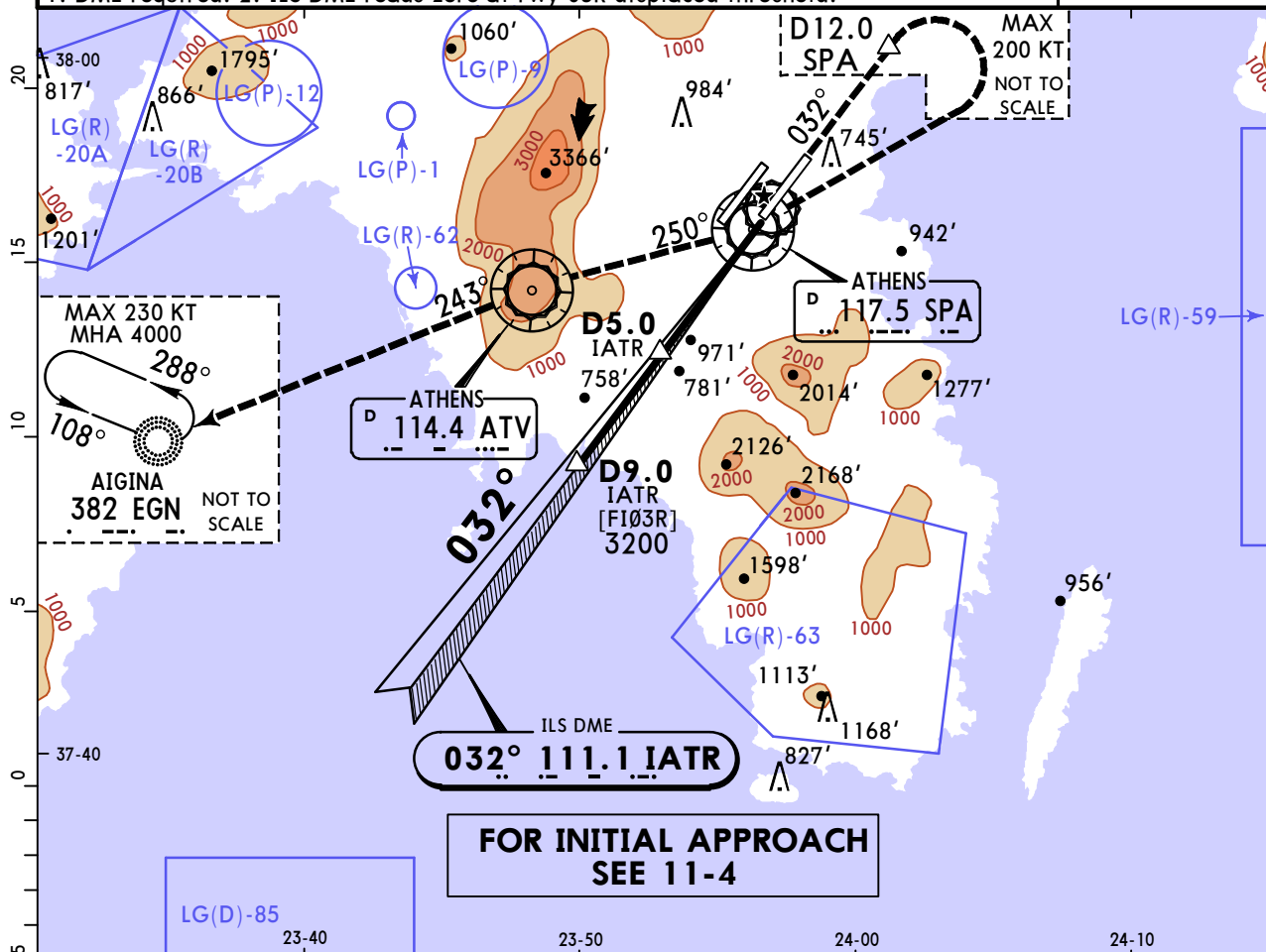
CAT II ILS Y Rwy 03R

ATIS		ATHENS Arrival (R)		Director (R)		Approach					
West		East		West		East					
136.125	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950	125.525	121.4	
VENIZELOS Tower						Ground					
West (Rwy 03L/21R)		East (Rwy 03R/21L)		North		South					
136.275		118.625		121.755		121.955		121.905			
LOC IATR <b>111.1</b>		Final Apch Crs <b>032°</b>		D9.0 IATR <b>3200'</b> (2929')		CAT II ILS <b>RA 147'</b> DA(H) 421' (150')		Apt Elev 308'  Rwy 271'			
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SPA VOR. At D12.0 SPA VOR turn RIGHT (MAX 200 KT) inbound to SPA VOR. Follow R-250 SPA VOR inbound to ATV VOR. Follow R-243 ATV VOR to EGN NDB and hold. Climb to 4000'. Missed apch requires a minimum climb gradient of 3.0% up to 1200'.											
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC				Trans alt: 9000'			
1. DME required. 2. ILS DME reads zero at rwy 03R displaced threshold.											

MSA SPA VOR



MSA SPA VOR



Gnd speed-Kts	70	90	100	120	140	160
GS 3.00°	372	478	531	637	743	849



SPA <b>117.5</b> <b>R-032</b>	<b>D12.0</b> SPA
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## Std/State

STRAIGHT-IN LANDING  
CAT II ILS

RA 147'

DA(H) **421'**(150')

R450m

PANS OPS

CHANGES: EGN holding MAX speed.

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## LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

12 APR 24

**Eff 18 Apr**

**JEPPESSEN**

## ATHENS, GREECE

ILS Z or LOC Z Rwy 21L

ATIS		ATHENS Arrival (R)		Director (R)		Approach					
West		East		West		East					
136.125	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950	125.525	121.4	
VENIZELOS Tower							Ground				
West (Rwy 03L/21R)		East (Rwy 03R/21L)				North		South			
136.275		118.625				121.755		121.955		121.805 121.905	
LOC IEVL		Final Apch Crs		D4.9 IEVL		ILS DA(H)		Apt Elev 308'			
111.1		212°		1900' (1597')		503' (200')		Rwy 303'			
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SPA VOR. At SPA VOR turn LEFT, intercept and follow R-201 SPA VOR. At D8.0 VOR SPA outbound turn LEFT, intercept and follow R-296 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.											
Alt Set: hPa		Rwy Elev: 11 hPa		Trans level: By ATC				Trans alt: 9000'			
1. DME required.		2. ILS DME reads zero at rwy 21L displaced threshold.									

7000

117°

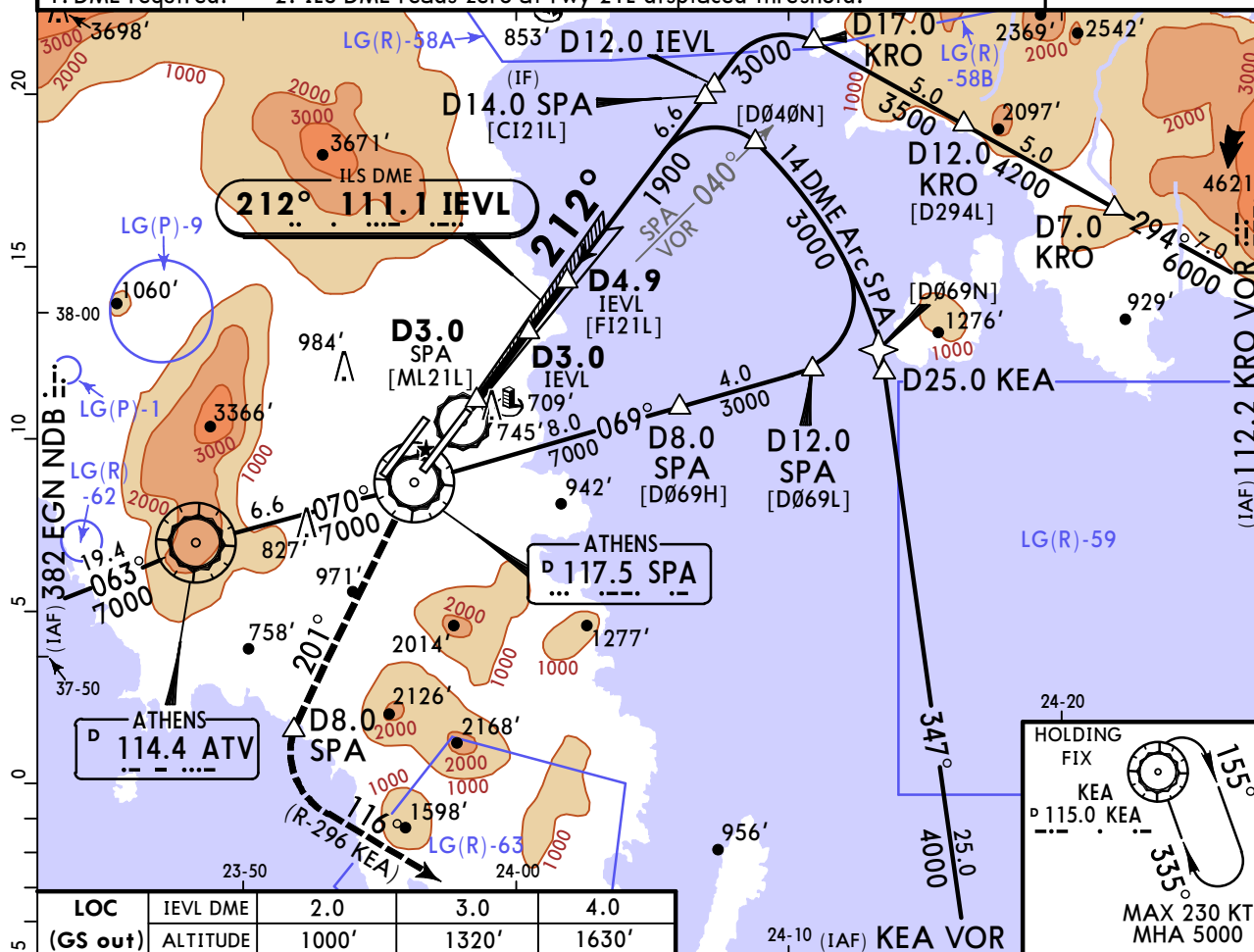
266°

4500

3500

024°

MSA SPA VOR



Gnd speed-Kts	70	90	100	120	140	160
GS 3.00°	372	478	531	637	743	849
MAP at D3.0 SPA						

HIALS-II  
PAPI

SPA  
**117.5**

D8.0 SPA on R-201

LT

Std/State		STRAIGHT-IN LANDING				CIRCLE-TO-LAND	
ILS		2 LOC (GS out)					
DA(H) 503' (200')		CDFA 3 DA/MDA(H) 1030' (722')					
TDZ or CL out		ALS out		ALS out		Max Kts	MDA(H)
A	R550m	1 R550m	R1200m	R1500m		100	1200' (892') V1500m
B						135	1300' (992') V1600m
C				R2400m		C	N/A
D						D	

<b>1</b> R750m when a Flight Director or Autopilot or HUD to DA is not used.	<b>2</b> LOC DH/MDH based on aerodrome elevation of 308'.	<b>3</b> VNAV DA(H) in lieu of MDA(H) depends on operator policy.
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CHANGES: FAF, recommended altitudes, holding speed restriction.

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LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

JEPPESSEN  
12 APR 24  
Eff 18 Apr

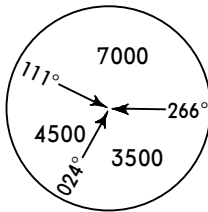
11-5A

ATHENS, GREECE

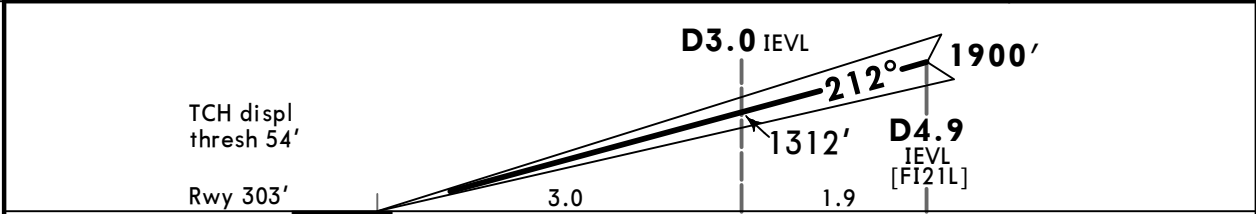
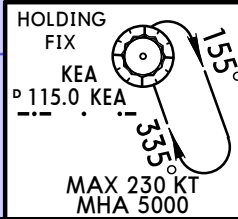
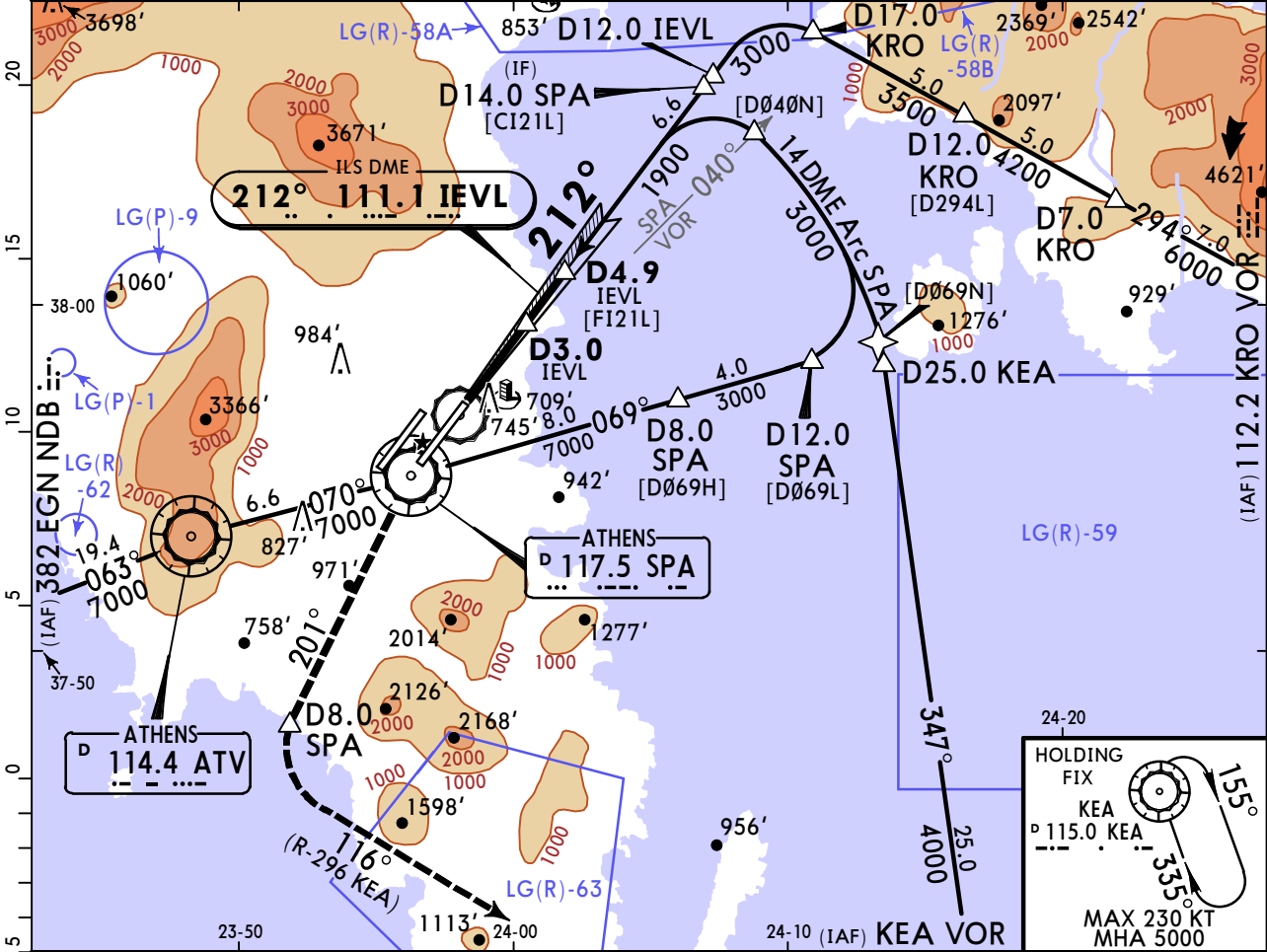
CAT II ILS Z Rwy 21L

BRIEFING STRIP™	ATIS		ATHENS Arrival (R)		Director (R)		Approach											
	West		East		West		East											
	136.125		132.975		126.575		121.4		130.025		126.575 130.025 132.975 128.950 125.525 121.4							
	VENIZELOS Tower								Ground									
	West (Rwy 03L/21R)		136.275		East (Rwy 03R/21L)		118.625		North		121.755		South		121.955		121.805 121.905	
	LOC IEVL		Final Apch Crs		D4.9 IEVL		CAT II ILS RA 95' DA(H)		Apt Elev 308'		Rwy 303'							
	111.1		212°		1900' (1597')		403' (100')											
	MISSED APCH: Climb STRAIGHT AHEAD to SPA VOR. At SPA VOR turn LEFT, intercept and follow R-201 SPA VOR. At D8.0 VOR SPA outbound turn LEFT, intercept and follow R-296 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.																	
	Alt Set: hPa				Rwy Elev: 11 hPa				Trans level: By ATC				Trans alt: 9000'					
	1. DME required. 2. ILS DME reads zero at rwy 21L displaced threshold.																	

MSA SPA VOR



MSA SPA VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II		SPA		SPA	
GS	3.00°	372	478	531	637	743	849		117.5		117.5	
									LT		on	
											R-201	

**Std/State** STRAIGHT-IN LANDING CAT II ILS  
RA 95'  
DA(H) 403' (100')

**R300m**  
CAT D without autoland: R350m.

LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

12 APR 24  
Eff 18 Apr

JEPPESSEN

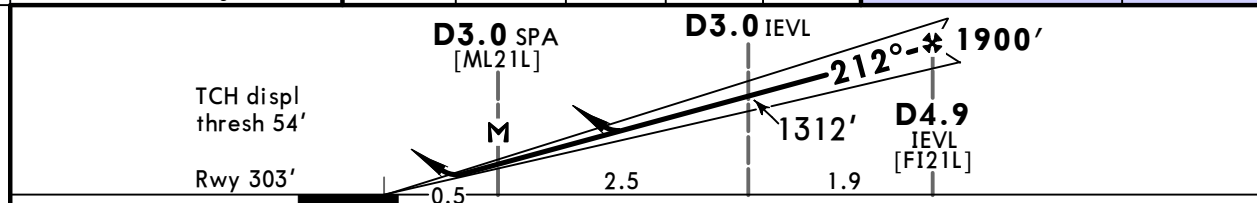
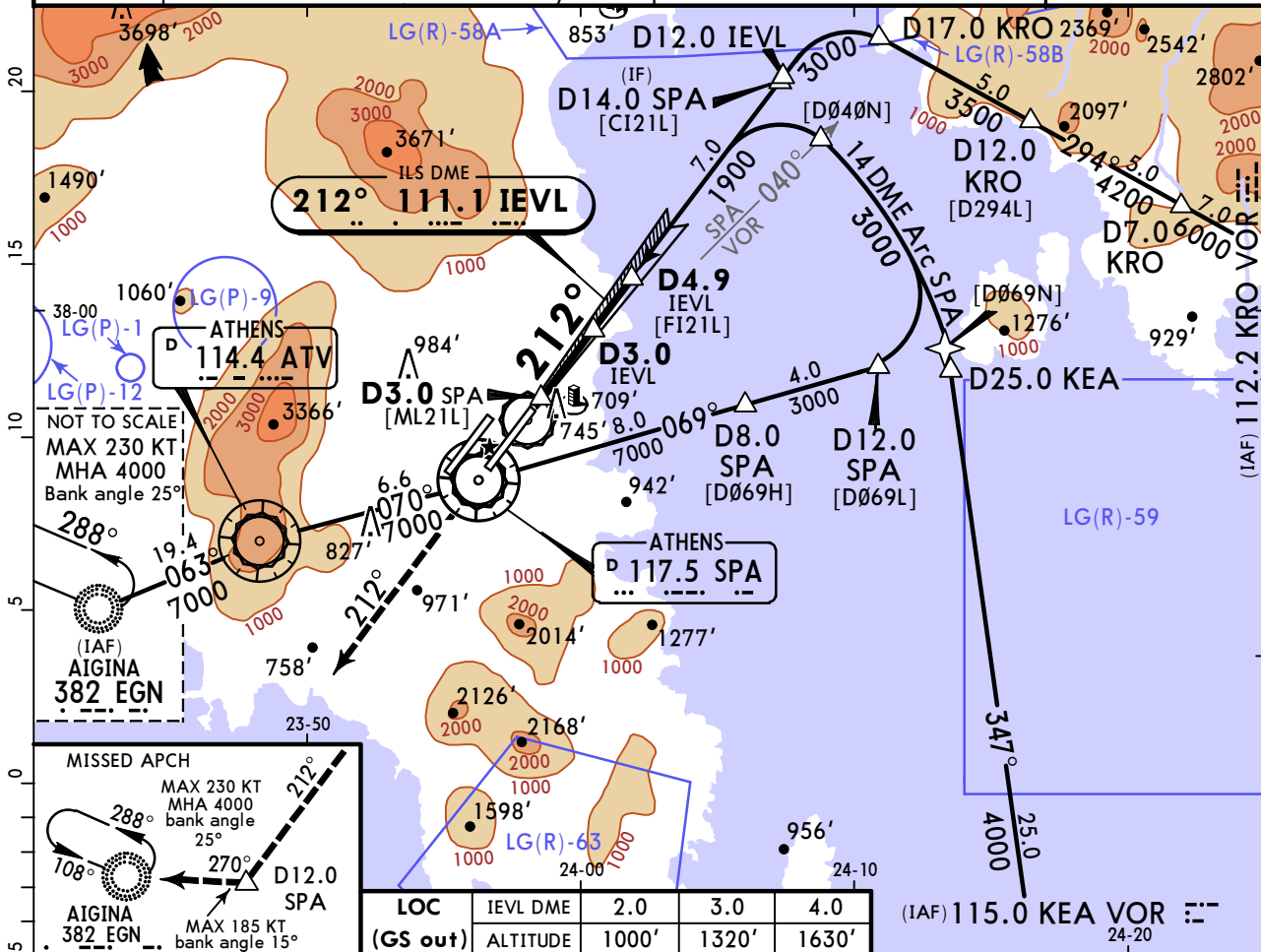
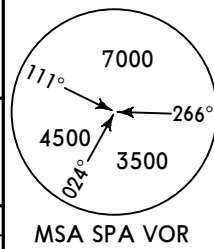
(11-6)

ATHENS, GREECE

ILS Y or LOC Y Rwy 21L

BRIEFING STRIP™

ATIS		ATHENS Arrival (R)		Director (R)		Approach															
West		East		West		East															
136.125		132.975		126.575		121.4		130.025		126.575		130.025		132.975		128.950		125.525		121.4	
VENIZELOS Tower																					
West (Rwy 03L/21R)		136.275		East (Rwy 03R/21L)		118.625		North		121.755		South		121.955		121.805		121.905			
LOC IEVL		Final Apch Crs		D4.9 IEVL		ILS DA(H)		Apt Elev 308'		Rwy 303'											
111.1		212°		1900' (1597')		503' (200')															
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SPA VOR. Intercept and follow R-212 SPA VOR. At D12.0 SPA VOR outbound turn RIGHT (MAX 185 KT), intercept and follow 270° EGN NDB inbound to EGN NDB and hold. Climb to 4000'. To execute, after a MISSED APCH, a new apch procedure to RWY 21L, continue climb in holding to 7000'.																					
Alt Set: hPa		Rwy Elev: 11 hPa				Trans level: By ATC				Trans alt: 9000'											
1. DME required. 2. ILS DME reads zero at rwy 21L displaced threshold.																					
<div><div>MSA SPA VOR</div><div></div></div>																					



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II		SPA	
GS	3.00°	372	478	531	637	743	849		117.5	D12.0
									R-212	SPA

Std/State		STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
		ILS		LOC (GS out)	
		DA(H) 503' (200')		CDFA 1030' (722')	
		TDZ or CL out		ALS out	
A	R550m	1 R550m		R1500m	
B					
C					
D					

1 R750m when a Flight Director or Autopilot or HUD to DA is not used. 2 LOC DH/MDH based on aerodrome elevation of 308'. 3 VNAV DA(H) in lieu of MDA(H) depends on operator policy.

CHANGES: FAF, recommended altitudes.

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LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

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12 APR 24  
Eff 18 Apr

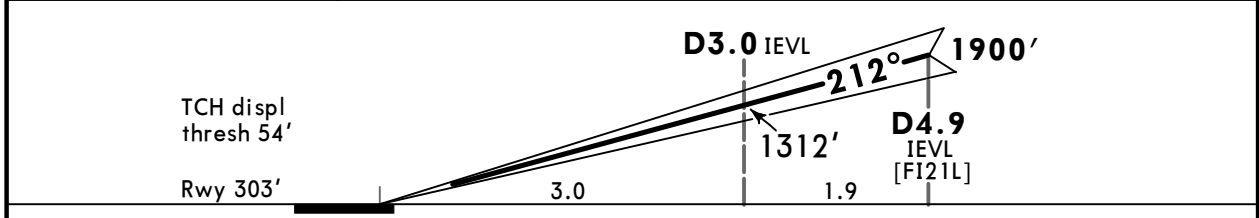
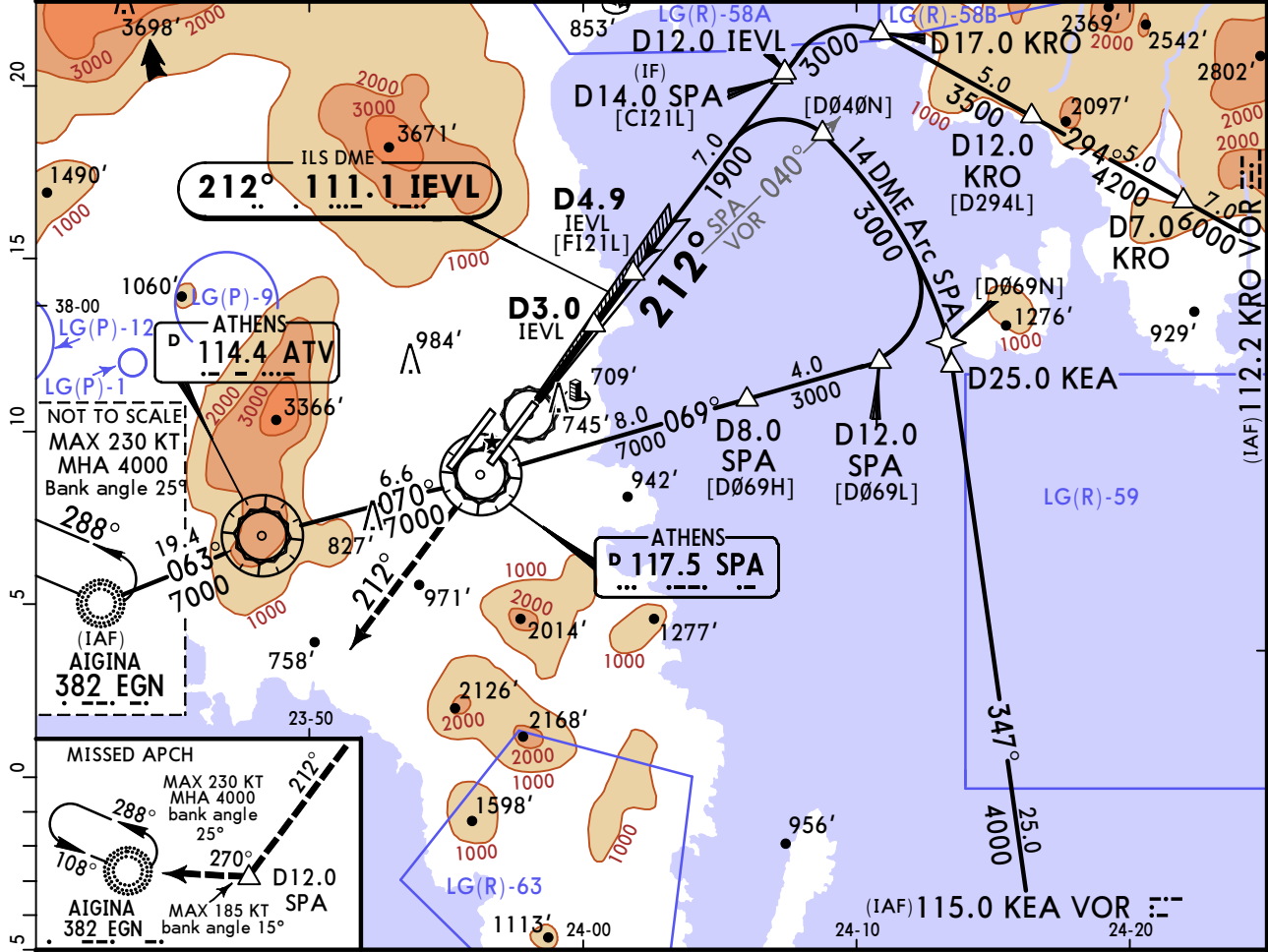
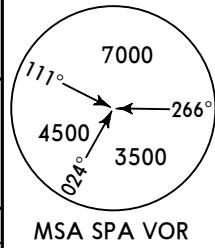
11-6A

ATHENS, GREECE

CAT II ILS Y Rwy 21L

ATIS		ATHENS Arrival (R)		Director (R)		Approach					
West		East		West		East					
136.125	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950	125.525	121.4	
VENIZELOS Tower						Ground					
West (Rwy 03L/21R)		136.275	East (Rwy 03R/21L)		118.625	North	121.755	South	121.955	121.805	121.905
LOC		Final		D4.9 IEVL		CAT II ILS		Apt Elev 308'			
IEVL		Apch Crs				RA 95'		Rwy 303'			
111.1		212°		1900' (1597')		DA(H) 403' (100')					
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SPA VOR. Intercept and follow R-212 SPA VOR. At D12.0 SPA VOR outbound turn RIGHT (MAX 185 KT), intercept and follow 270° EGN NDB inbound to EGN NDB and hold. Climb to 4000'.											
To execute, after a MISSED APCH, a new apch procedure to RWY 21L, continue climb in holding to 7000'.											
Alt Set: hPa		Rwy Elev: 11 hPa		Trans level: By ATC		Trans alt: 9000'					
1. DME required. 2. ILS DME reads zero at rwy 21L displaced threshold.											

MSA SPA VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II		SPA		D12.0	
GS	3.00°	372	478	531	637	743	PAPI		117.5		SPA	
									R-212			

**Std/State** STRAIGHT-IN LANDING  
CAT II ILS  
**RA 95'**  
DA(H) 403' (100')

**R300m**  
**CAT D** without autoland: R350m.

**LGAV/ATH**
**ELEFTHERIOS VENIZELOS INTL**

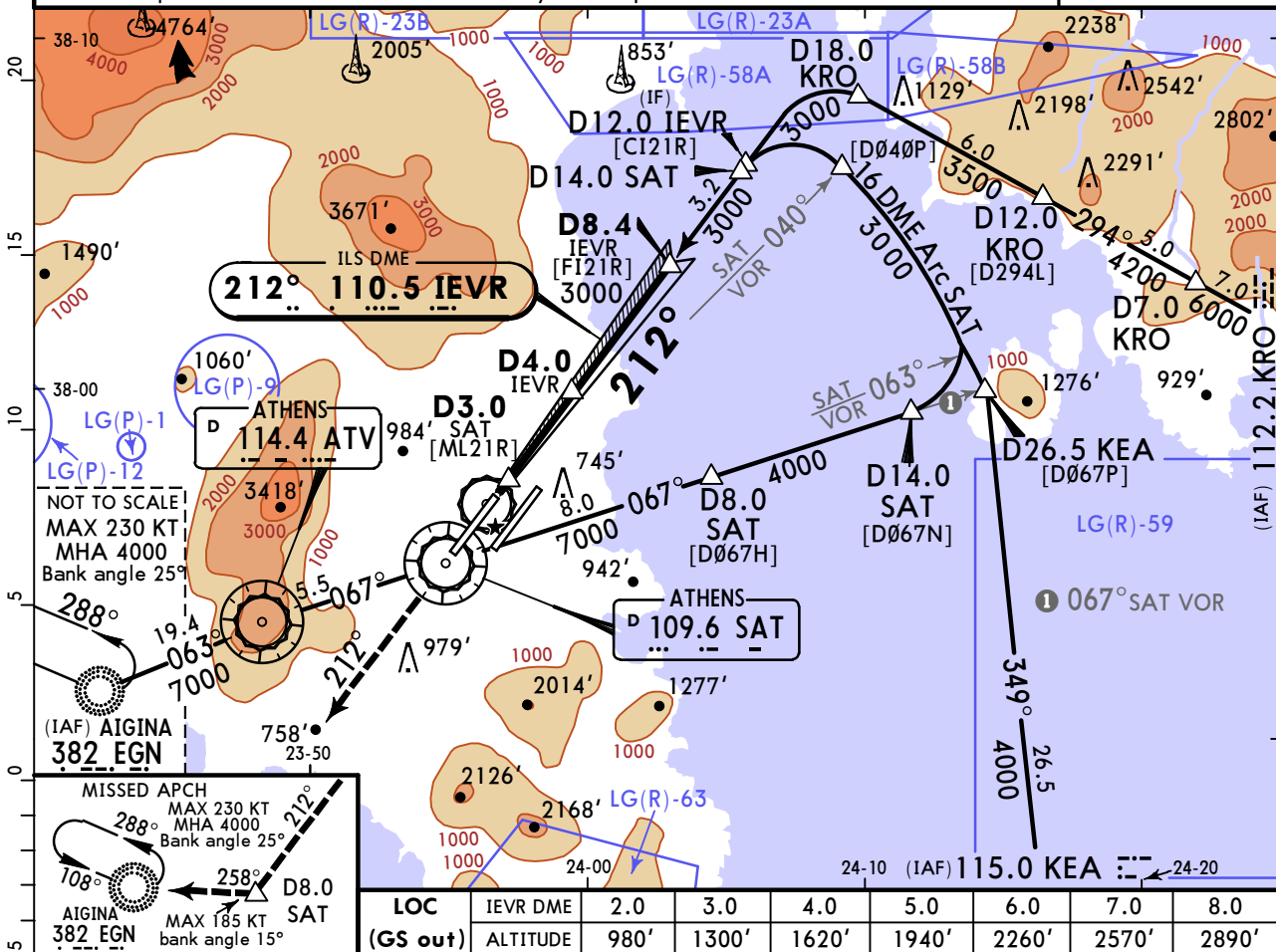
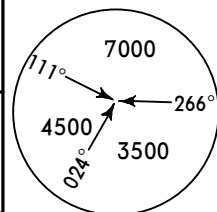
12 APR 24

**Eff 18 Apr**
**(11-7)**
**JEPPESSEN**
**ATHENS, GREECE**
**ILS Z or LOC Z Rwy 21R**

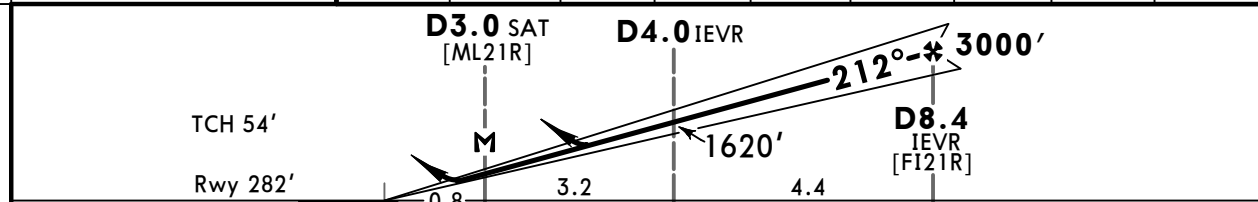
BRIEFING STRIP™

ATIS		ATHENS Arrival (R)		Director (R)		Approach						
West		East		West		East						
136.125	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950	125.525	121.4		
VENIZELOS Tower							Ground					
West (Rwy 03L/21R)		East (Rwy 03R/21L)		North		South						
136.275		118.625		121.755		121.955		121.805			121.905	
LOC IEVR 110.5		Final Apch Crs 212°		D8.4 IEVR 3000' (2718')		ILS DA(H) Refer to Minimums		Apt Elev 308' Rwy 282'				
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SAT VOR. Intercept and follow R-212 SAT VOR. At D8.0 SAT VOR outbound turn RIGHT, intercept and follow 258° to EGN NDB, inbound to EGN NDB and hold. Climb to 4000'. In order to commence an ILS Apch for RWY 21R continue climb in holding to 7000'. Refer to minimums for missed apch climb gradients.												
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'						
1. DME required. 2. ILS DME reads zero at rwy 21R displaced threshold.												

MSA SAT VOR



LOC	IEVR DME	2.0	3.0	4.0	5.0	6.0	7.0	8.0
(GS out)	ALTITUDE	980'	1300'	1620'	1940'	2260'	2570'	2890'



Gnd speed-Kts	70	90	100	120	140	160		HIALS-II	SAT	SAT
GS 3.00°	372	478	531	637	743	849		PAPI	109.6	D8.0 SAT 109.6
									↑	on
MAP at D3.0 SAT										R-212

Std/State		STRAIGHT-IN LANDING				LOC (GS out)		CIRCLE-TO-LAND	
		ILS		Missed apch climb gradient		CDFA			
		Missed apch climb gradient		MIN 4.0% (243'/NM)		MIN 2.5% (152'/NM)			
		DA(H) 482' (200')		DA(H) 542' (260')		2 DA/MDA(H) 1160' (878')			
		TDZ or CL out	ALS out	TDZ or CL out	ALS out	ALS out	ALS out	Max Kts	MDA(H)
A	R550m	1 R550m	R1200m	R600m	1 R600m	R1300m	R1500m	100	1200' (892') V1500m
B	R550m	R550m	R1200m	R600m	R600m	R1300m	R1500m	135	1300' (992') V1600m
C/D							R2400m	C/D	N/A

1 R750m when a Flight Director or Autopilot or HUDLS to DA is not used. 2 VNAV DA(H) in lieu of MDA(H) depends on operator policy. 3 TDZ or CL out CAT A & B: R1500m, CAT C & D: R2400m.

CHANGES: FAF, altitudes.

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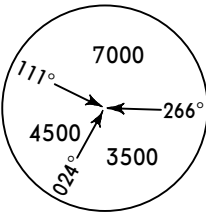
LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

JEPPESSEN  
12 APR 24  
Eff 18 Apr

11-7A

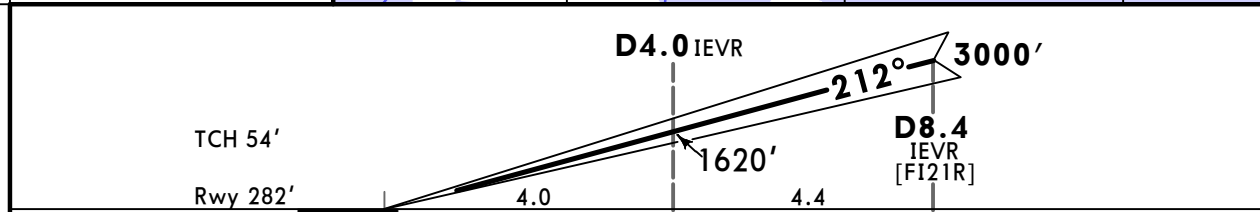
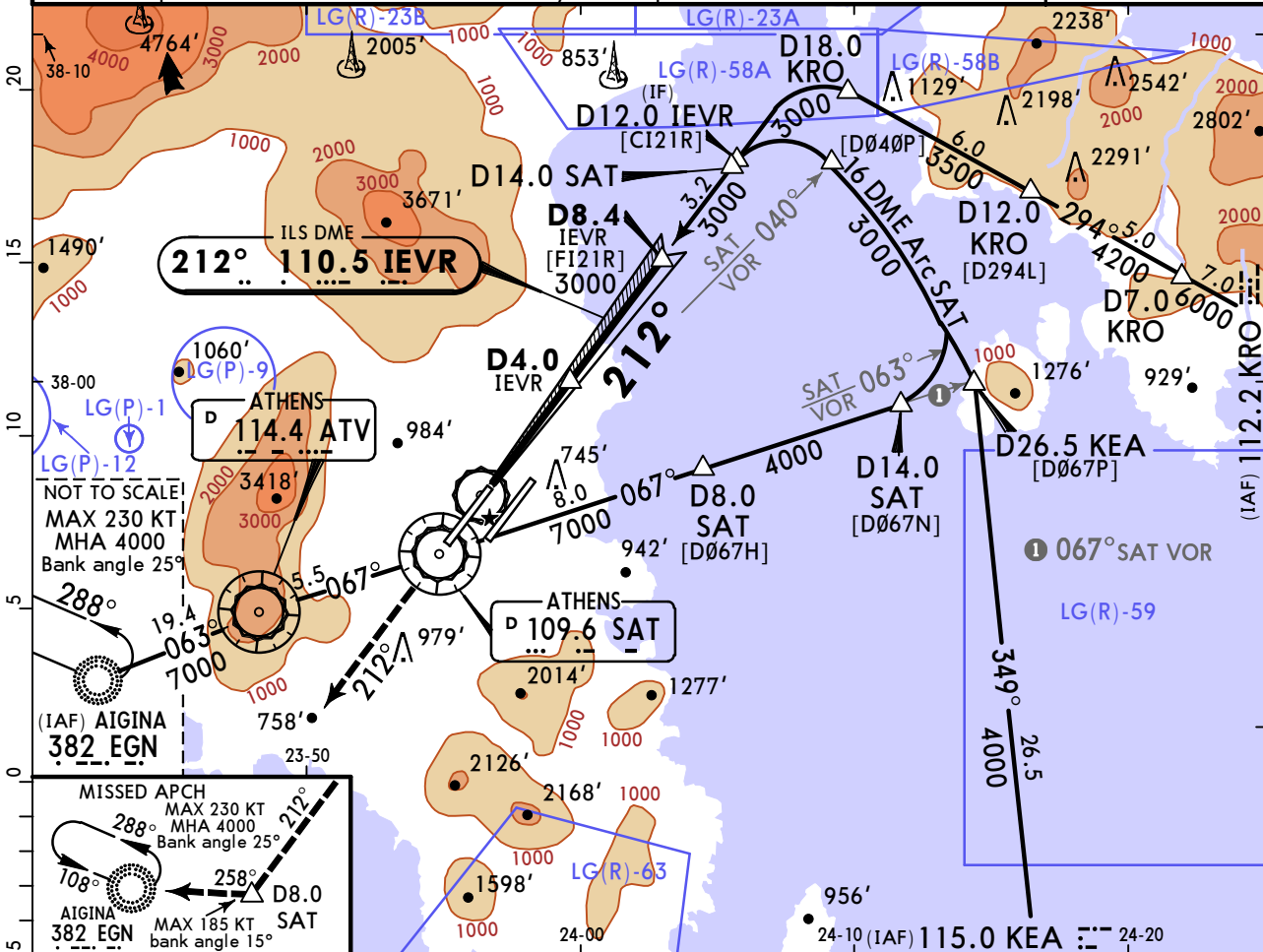
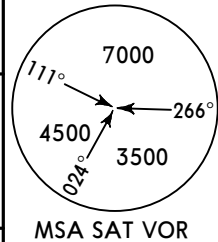
ATHENS, GREECE  
CAT II ILS Z Rwy 21R

ATIS		ATHENS Arrival (R)		Director (R)		Approach							
West		East		West		East							
136.125	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950	125.525	121.4			
VENIZELOS Tower								Ground					
West (Rwy 03L/21R)		East (Rwy 03R/21L)		North		South							
136.275		118.625		121.755		121.955		121.805		121.905			
LOC IEVR		Final Apch Crs		D8.4 IEVR		CAT II ILS RA/DA(H)		Apt Elev 308'					
110.5		212°		3000' (2718')		Refer to Minimums		Rwy 282'					
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SAT VOR. Intercept and follow R-212 SAT VOR. At D8.0 SAT VOR turn RIGHT, intercept and follow 258° to EGN NDB, inbound to EGN NDB and hold. Climb to 4000'. In order to commence an ILS Apch for RWY 21R continue climb in holding to 7000'. Refer to minimums for missed apch climb gradients.													
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'							
1. DME required. 2. ILS DME reads zero at rwy 21R displaced threshold.													

BRIEFING STRIP

TA

MSA SAT VOR



Gnd speed-Kts	70	90	100	120	140	160	HTALS-II		SAT	SAT
GS	3.00°	372	478	531	637	743	PAPI		109.6	109.6
									↑	R-212

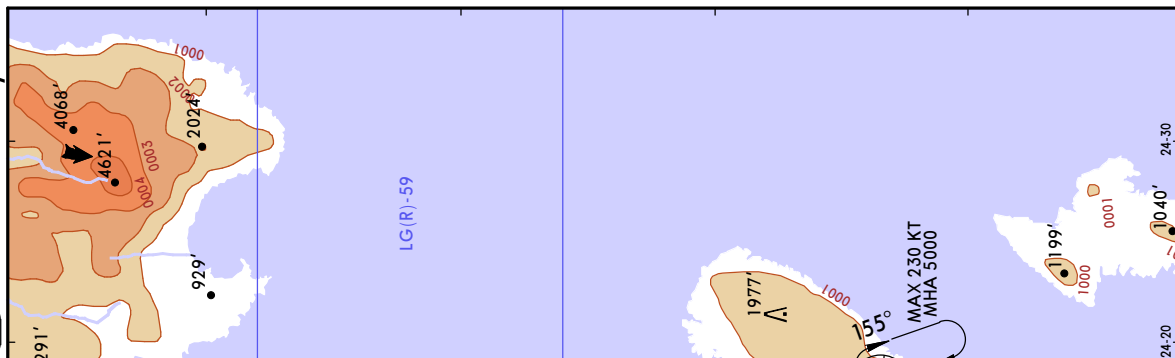
Std/State		STRAIGHT-IN LANDING CAT II ILS			
Missed apch climb grad MIN 4.0% (243'/NM)		Missed apch climb grad MIN 2.5% (152'/NM)			
RA 94' DA(H)382'(100')		A RA 120' DA(H)409'(127')	B RA 136' DA(H)425'(143')	C RA 149' DA(H)438'(156')	D RA 163' DA(H)452'(170')
1 R300m		R400m	R450m		
1 CAT D requires autoland or HUDLS, otherwise: R350m.					

CHANGES: FAF, altitudes.

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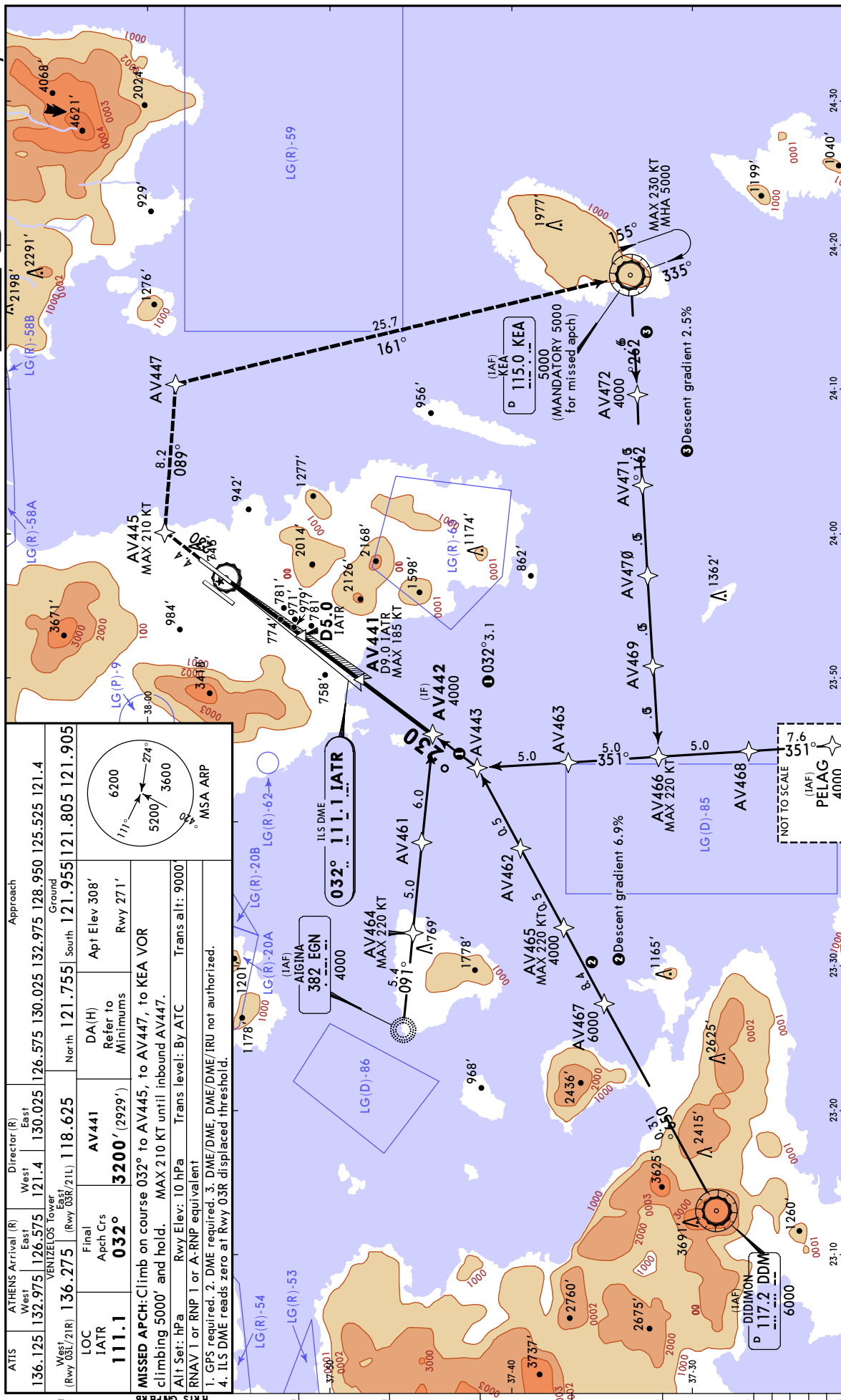


11-8  
ATHENS, GREECE  
ILS X Rwy 03L



	CIRCLE-TO-LAND
	Max MDA(H)
0	100 1010'(702') V1500m
	135 1160'(852') V1600m
	C N/A
	D

[illegible]



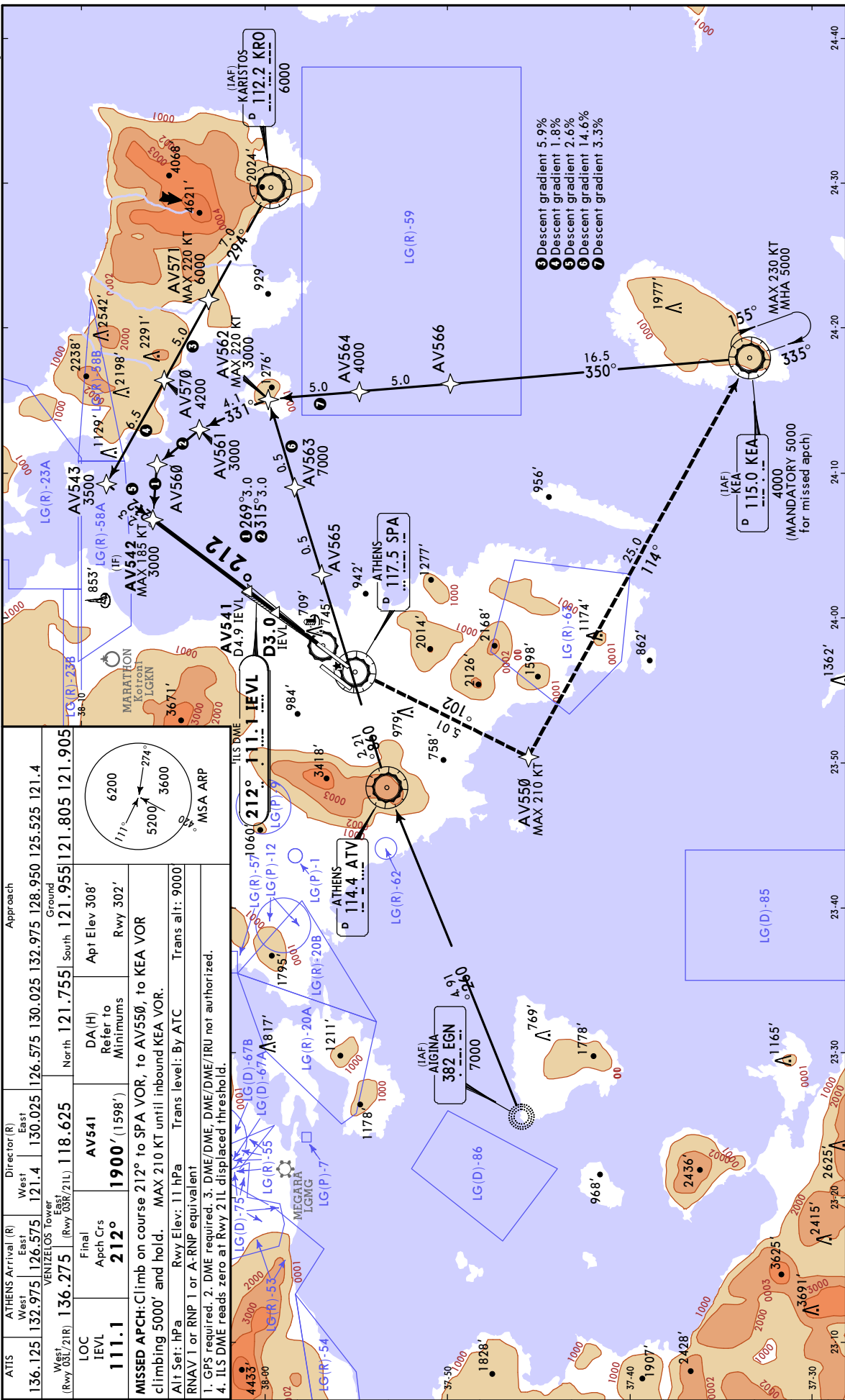
AV442										AV441 2.6%										Descent gradient AV442 - AV441									
D9.0 IATR MAX 185 KT										D5.0 IATR 1920'										TCH 54'									
4000'-032°										3200'-032°										Rwy 271'									
5.0										4.0										5.0									
2570'										2250'										1610'									
2890'										1300'										980'									
8.0										7.0										6.0									
5.0										4.0										3.0									
2.0										2.0										2.0									
IATR DME										IATR DME										IATR DME									
ALTITUDE										ALTITUDE										ALTITUDE									
AV442										AV441										AV445									
70										90										100									
372										478										531									
3.00°										3.00°										3.00°									
8.49										7.43										6.37									
210 KT										210 KT										210 KT									
MAX										MAX										MAX									
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LGAV/ATH  
ELEFETHERIOS VENIZELOS INTL

ATIS		ATHENS Arrival (R)		Director (R)		Approach	
West	East	West	East	West	East	West	East
136.125	132.975	126.575	121.4	130.025	126.575	130.025	121.4
VENIZELOS Tower				Ground			
West (Rwy 031/21R)		136.275		North		121.755	
Rwy 031/21L		118.625		South		121.955	
LOC	Final	DA(H)	Apt Elev 308'				
111.1	212°	1900'	(1598')				
Refer to Minimums							
Rwy 302'							
<b>MISSED APCH:</b> Climb on course 212° to SPA VOR, to AV550', to KEA VOR climbing 5000' and hold. MAX 210 KT until inbound KEA VOR.							
<b>Alt Set:</b> hPa    Rwy Elev: 11 hPa    Trans level: By ATC    Trans alt: 9000							
RNAV 1 or RNP 1 or A-RNP equivalent							
1. GPS required. 2. DME required. 3. DME/DME, DME/IRU not authorized.							
4. ILS DME reads zero at Rwy 21L displaced threshold.							



Std/State		STRAIGHT-IN LANDING				CIRCLE-TO-LAND	
ILS							
DA(H) A: <b>547'</b> (245') C: <b>567'</b> (265') B: <b>559'</b> (257') D: <b>578'</b> (276')							
		TDZ or CL out		ALS out		Max Kts	
A	R550m			R550m		100	MDA(H) 1010'(702') V1500m
B						135	1160'(852') V1600m
C	R600m			R600m		C	N/A
D						D	

AV542 MAX 185 KT 3000'		AV541 D4.9 IEVL		D3.0 IEVL 1310'		TCH 54'		Rwy 302'	
1630'		1320'		1000'		3.0		6.5	
4.0		3.0		2.0		2.8%		2.0	
4.0		3.0		2.0		2.8%		2.0	

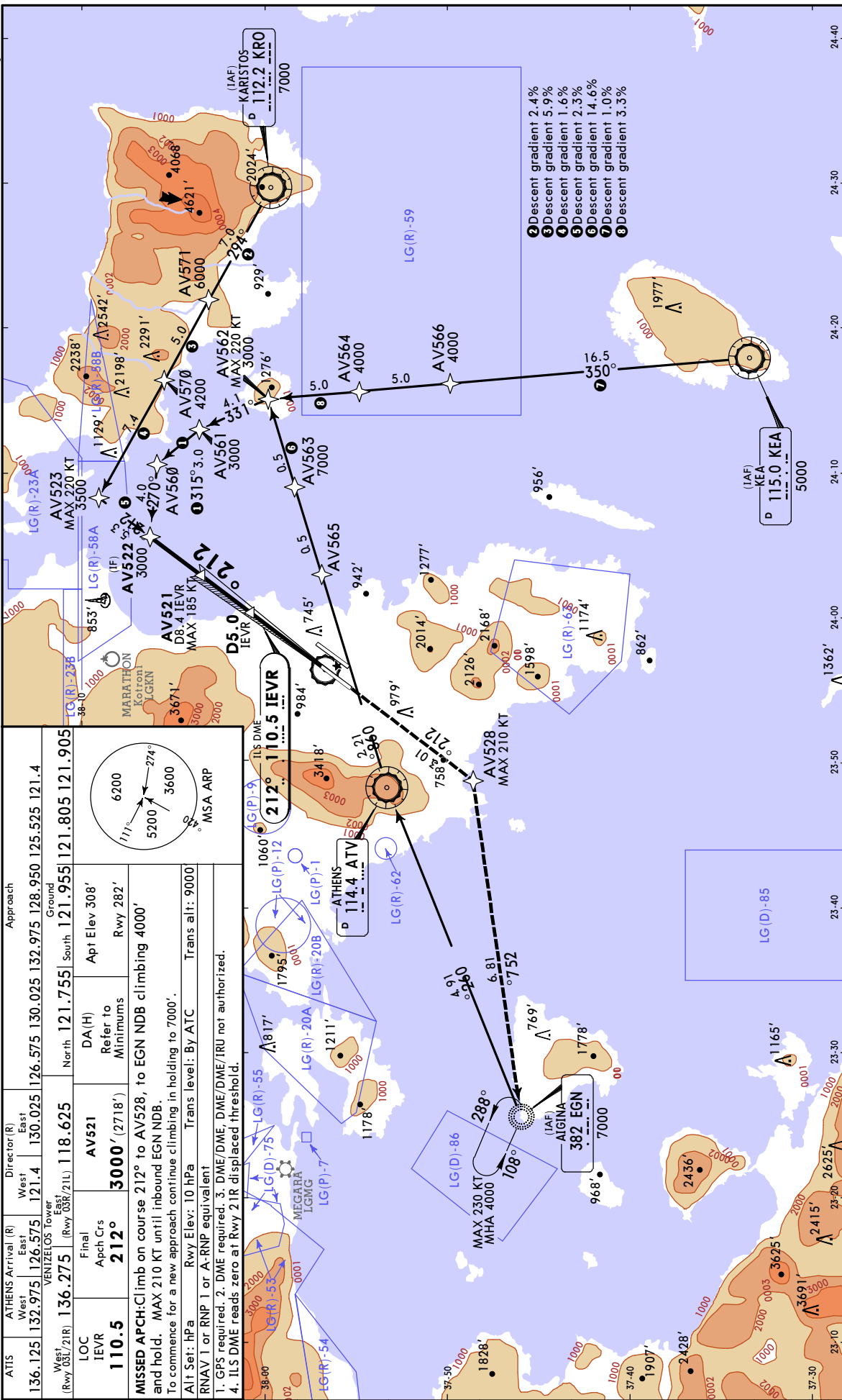
H/A L5-II		210 KT MAX		212°		SPA 117.5	
PAPI		↑		on			





ATIS		ATHENS Arrival (R)		Director (R)		Approach	
West	East	West	East	West	East		
136.125	132.975	132.975	126.575	121.4	130.025	126.575	130.025 132.975 128.950 125.525 121.4
West		VENEZLOS Tower		East		Ground	
(Rwy 03L)	136.275	(Rwy 03R/21L)	118.625			North	121.755 South 121.955 121.805 121.905
LOC		Final					
IEVR		Apch Crs					
110.5	212°			AV521			
				3000' (2718')			
<b>MISSED APCH:</b> Climb on course 212° to AV528, to EGN NDB climbing 4000' and hold. MAX 210 KT until inbound EGN NDB.							
To commence for a new approach continue climbing in holding to 7000'.							
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000	
RNAV 1 or RNP 1 or A-RNP equivalent							
1. GPS required. 2. DME required. 3. DME/DME, DME/DME/IRU not authorized. 4. ILS DME reads zero at Rwy 21R displaced threshold.							

MSA ARP



IEVR DME	2.0	3.0	4.0	5.0	6.0	7.0	8.0
ALTITUDE	980'	1300'	1620'	1940'	2260'	2570'	2890'

Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	210 KT MAX	on ↑	212°	AV528
	3.00°	372	478	531	637	743					
GS											

TCH 54'

Rwy 282'

AV521  
D8.4 IEVR  
MAX 185 KT

AV522

D5.0  
IEVR  
1940'

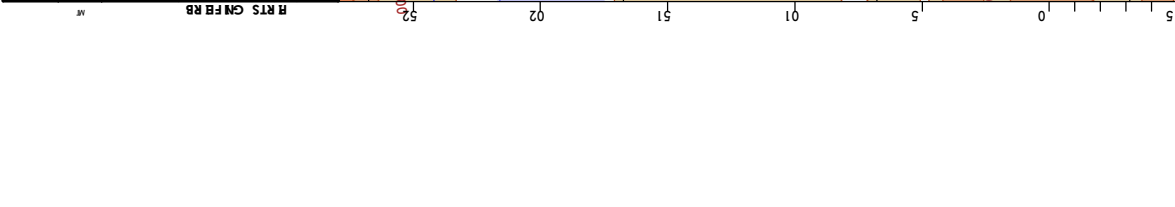
212°-3000'

3.4 3.5

5.0

Std/State	STRAIGHT-IN LANDING		ILS		CIRCLE-TO-LAND	
			A: <b>537'</b> (255') C: <b>558'</b> (276') DA(H) B: <b>550'</b> (268') D: <b>568'</b> (286')			
			TDZ or CL out	ALS out	Max Kts	MDA(H)
A					100	1010' (702')
B	R600m		<b>1</b> R600m	R1300m	135	V1500m
C					C	1160' (852')
D	R650m		<b>1</b> R650m	R1400m	D	V1600m
						N/A

RTS CNFRB



d

IEVR DME	2.0	3.0	4.0	5.0	6.0	7.0	8.0
ALTITUDE	980'	1300'	1620'	1940'	2260'	2570'	2890'

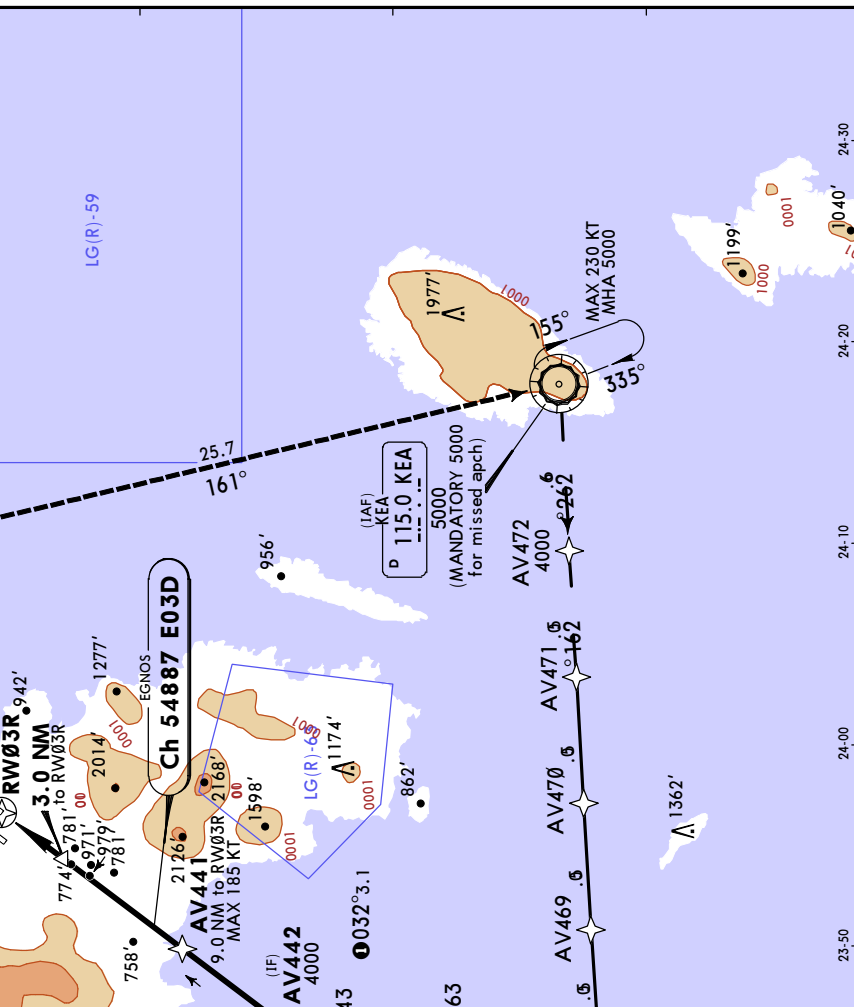








The map illustrates the flight paths of the hijacked Eastern Airlines Flight 66 and other aircraft involved in the 1966 hijacking. The main Hawaiian Islands are shown, with Johnston Atoll to the northeast. Key locations marked include Pearl Harbor, Hickam Field, and various altitudes and distances. The flight path is indicated by a dashed line with arrows, showing the aircraft's trajectory from Pearl Harbor, through the Hawaiian Islands, and towards Johnston Atoll. The map also shows the flight paths of other aircraft involved in the hijacking, including the Boeing 707 and the Boeing 747. The map is titled 'Map of the Hawaiian Islands' and includes a scale bar and a compass rose.



Std/State		STRAIGHT-IN LANDING				CIRCLE-TO-LAND			
1 LPV		LNAV/VNAV		LNAV CDFA		MDA(H)			
DA(H)	TDZ or CL out	ALS out	TDZ or CL out	ALS out	DA/MDA(H)	TDZ or CL out	ALS out	Max KT	
A	R1500m	R1500m	R900m	R1500m	A: <b>622'</b> (351' C: <b>772'</b> (501')			100	1010' (702' V1500m
B	R1500m	R1500m	R1000m	R1500m	B: <b>634'</b> (363' D: <b>811'</b> (540')			135	1160' (852' V1600m
C	R1700m	R2400m	R1600m	R2400m		R1500m	R1500m	C	N/A
D			R1700m	R1700m				D	

1 LPV (V/L 35m) 2 VNAV (DA(H) in lieu of MDA(H) depends on operator policy

DIST to RW03R	8.0	7.0	6.0	5.0	4.0	3.0	2.0
ALTITUDE	2890'	2570'	2250'	1930'	1610'	1300'	980'

Gnd speed-KT	70	90	100	120	140	160	HIALS-II	210 KT MAX	032°	AV445
	3.00°	372	478	531	637	743				

MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
--------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------

MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
--------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------

MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3	14.0
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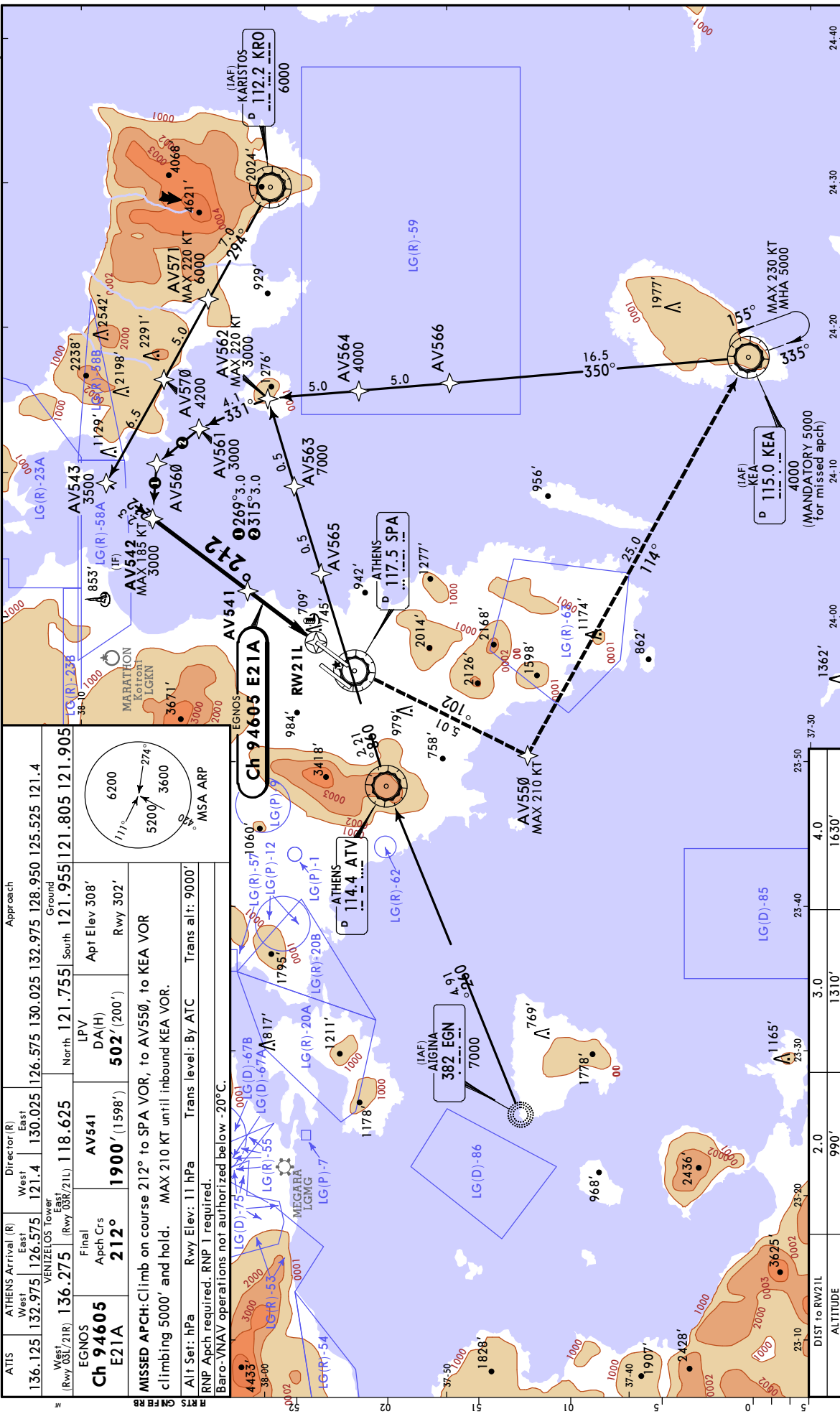
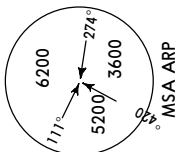
MAP at RW03R	0.0	0.7	1.4	2.1	2.8	3.5
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LGAV/ATH  
ΕΛΕΦΘΕΡΙΟΣ ΒΕΝΙΖΕΛΟΣ INTL

ATIS		West		Athens Arrival (R)		Director (R)		Approach	
	West	West	East	West	East				
136.125	132.975	132.975	126.575	121.4	130.025	126.575	130.025	132.975	128.950 125.525 121.4
VENIZELLOS Tower									
West (Rwy 03L/21R)		136.275		(Rwy 03R/21L)		118.625		Ground	
EGNOS				LPV		North		121.755	
Ch 94605		Final Aptch Crs		AV541		DA(H)		Apt Elev 308'	
E21A		212°		1900' (1598')		502' (200')		Rwy 302'	
<p><b>MISSED APCB:</b> Climb on course 212° to SPA VOR, to AV550°, to KEA VOR  climbing 5000' and hold. MAX 210 KT until inbound KEA VOR.</p>									
Alt Set: hPa		Rwy Elev: 11 hPa		Trans level: By ATC		Trans alt: 9000'			
<p>RNP Aptch required. RNP 1 required.</p> <p>Baro-VNAV operations not authorized below -20°C.</p>									

A circular diagram with a center point. Four arrows originate from the center: one pointing up-left labeled '111°', one pointing up-right labeled '274°', one pointing down-right labeled '3600', and one pointing down-left labeled '5200''. Two additional labels are present: '6200' near the top-left and '40°' near the top-right.

MSA ARP

[illegible]

Std/State		STRAIGHT-IN LANDING					CIRCLE-TO-LAND	
<b>1</b> LPV DA(H) <b>502'</b> (200')		DA(H) LNAV/VNAV A: <b>880'</b> (578' C: <b>900'</b> (598') B: <b>892'</b> (590' D: <b>911'</b> (609') <b>3</b> DA/MDA(H) <b>920'</b> (618')		LNAV CDFA				
		TDZ or CL out	ALS out	TDZ or CL out	ALS out			
A							Max K <sub>1s</sub>	MDA(H)
B	<b>2</b> R550m	R1200m	R1500m		R1500m		100	1010' (702') V1500m
C			R2000m		R2400m		135	1160' (852') V1600m
D			R2100m		R2400m	R2100m	C	N/A
						R2400m	D	

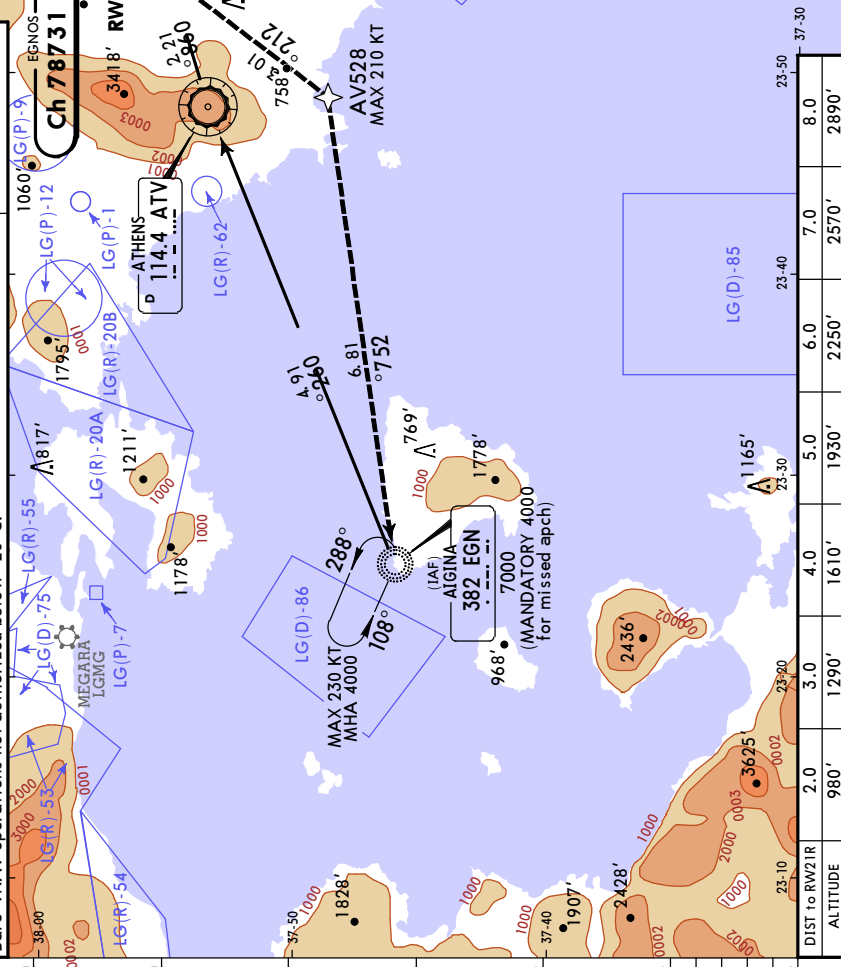
**1** LPV (VAL 35m) **2** R750m when a Flight Director or Autopilot or HUD/LS to DA is not used.  
**3** VNAV DA(H) in lieu of MDA(H) depends on operator policy.

LGAV/ATH  
ELEFTERIOS VENIZELOS INTL

14 JUN 24 (12-5)

JEPPesen ATHENS, GREECE  
RNP Rwy 21R

ATIS		ATHENS Arrival (R)		Director (R)		Approach	
West	136.125	West	132.975	West	121.4	East	130.025
East	136.275	East	132.975	East	121.4	West	130.025
VENIZELOS Tower		North		South		Ground	
West	136.275	West	132.975	West	121.4	East	130.025
East	136.275	East	132.975	East	121.4	West	130.025
EGNOS		Final		APCH CRs		Rwy 282'	
Ch 78731 E21B		Final	212°	3000'	(2718')	APCH CRs	212°
MISSED APCH: Climb on course 212° to AV528, to EGN NDB climbing 4000' and hold. MAX 210 KT until inbound EGN NDB. To commence for a new approach continue climbing in holding to 7000'.		APCH CRs		Rwy 282'		Rwy 282'	
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'	
RNP Apch required. RNP 1 required.		Baro-VNAV operations not authorized below -20°C.					

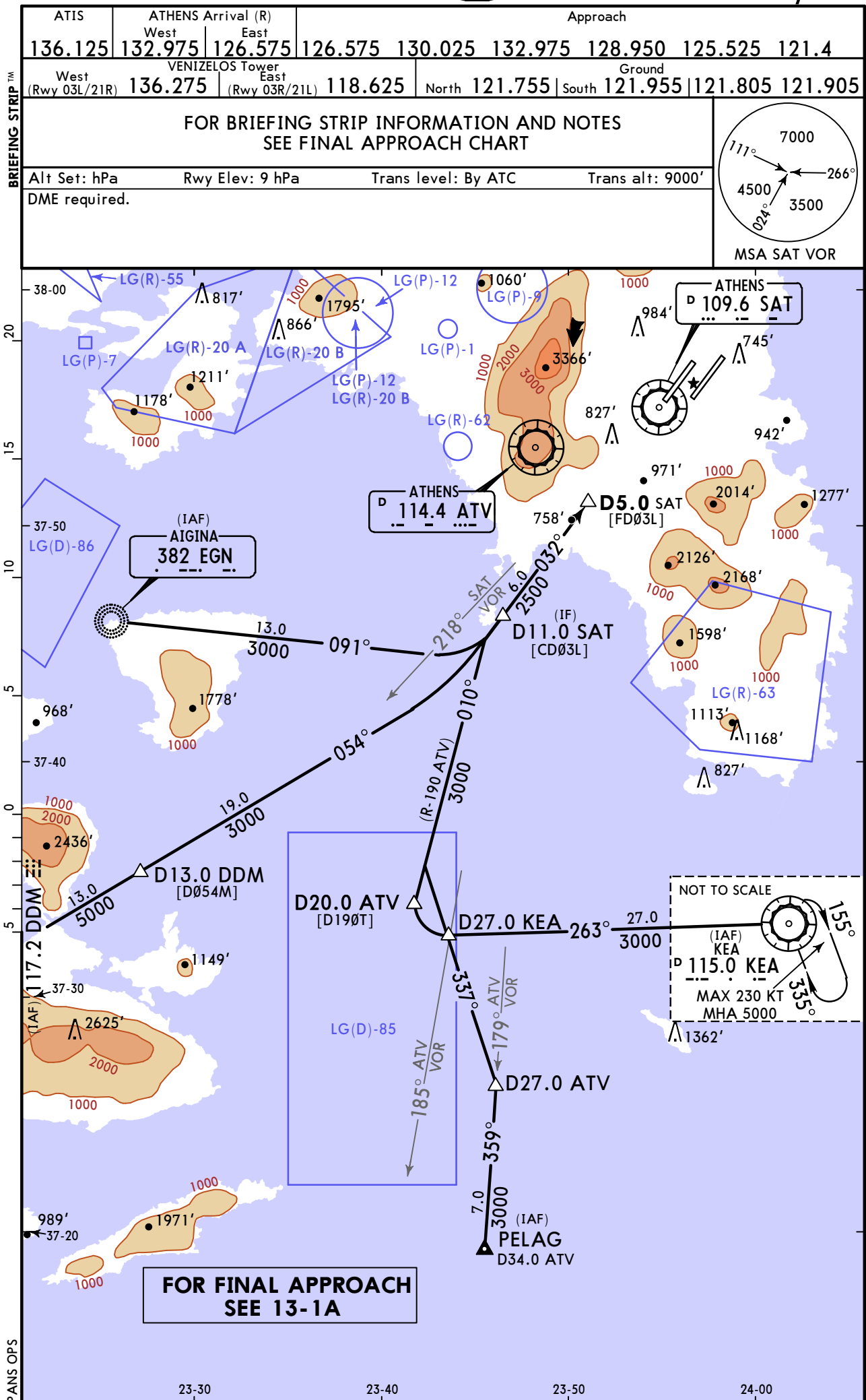


DIST to RW21R		ALTITUDE		DIST to RW21R		ALTITUDE	
980'	2.0	980'	2.0	2250'	6.0	2250'	6.0
1290'	3.0	1290'	3.0	2570'	7.0	2570'	7.0
1930'	4.0	1930'	4.0	2890'	8.0	2890'	8.0
2330'	5.0	2330'	5.0				
2750'	6.0	2750'	6.0				
3170'	7.0	3170'	7.0				
3590'	8.0	3590'	8.0				
4010'	9.0	4010'	9.0				
4430'	10.0	4430'	10.0				
4850'	11.0	4850'	11.0				
5270'	12.0	5270'	12.0				
5690'	13.0	5690'	13.0				
6110'	14.0	6110'	14.0				
6530'	15.0	6530'	15.0				
6950'	16.0	6950'	16.0				
7370'	17.0	7370'	17.0				
7790'	18.0	7790'	18.0				
8210'	19.0	8210'	19.0				
8630'	20.0	8630'	20.0				
9050'	21.0	9050'	21.0				
9470'	22.0	9470'	22.0				
9890'	23.0	9890'	23.0				
10310'	24.0	10310'	24.0				
10730'	25.0	10730'	25.0				
11150'	26.0	11150'	26.0				
11570'	27.0	11570'	27.0				
11990'	28.0	11990'	28.0				
12410'	29.0	12410'	29.0				
12830'	30.0	12830'	30.0				
13250'	31.0	13250'	31.0				
13670'	32.0	13670'	32.0				
14090'	33.0	14090'	33.0				
14510'	34.0	14510'	34.0				
14930'	35.0	14930'	35.0				
15350'	36.0	15350'	36.0				
15770'	37.0	15770'	37.0				
16190'	38.0	16190'	38.0				
16610'	39.0	16610'	39.0				
17030'	40.0	17030'	40.0				
17450'	41.0	17450'	41.0				
17870'	42.0	17870'	42.0				
18290'	43.0	18290'	43.0				
18710'	44.0	18710'	44.0				
19130'	45.0	19130'	45.0				
19550'	46.0	19550'	46.0				
19970'	47.0	19970'	47.0				
20390'	48.0	20390'	48.0				
20810'	49.0	20810'	49.0				
21230'	50.0	21230'	50.0				
21650'	51.0	21650'	51.0				
22070'	52.0	22070'	52.0				
22490'	53.0	22490'	53.0				
22910'	54.0	22910'	54.0				
23330'	55.0	23330'	55.0				
23750'	56.0	23750'	56.0				
24170'	57.0	24170'	57.0				
24590'	58.0	24590'	58.0				
25010'	59.0	25010'	59.0				
25430'	60.0	25430'	60.0				
25850'	61.0	25850'	61.0				
26270'	62.0	26270'	62.0				
26690'	63.0	26690'	63.0				
27110'	64.0	27110'	64.0				
27530'	65.0	27530'	65.0				
27950'	66.0	27950'	66.0				
28370'	67.0	28370'	67.0				
28790'	68.0	28790'	68.0				
29210'	69.0	29210'	69.0				
29630'	70.0	29630'	70.0				
30050'	71.0	30050'	71.0				
30470'	72.0	30470'	72.0				
30890'	73.0	30890'	73.0				
31310'	74.0	31310'	74.0				
31730'	75.0	31730'	75.0				
32150'	76.0	32150'	76.0				
32570'	77.0	32570'	77.0				
32990'	78.0	32990'	78.0				
33410'	79.0	33410'	79.0				
33830'	80.0	33830'	80.0				
34250'	81.0	34250'	81.0				
34670'	82.0	34670'	82.0				
35090'	83.0	35090'	83.0				
35510'	84.0	35510'	84.0				
35930'	85.0	35930'	85.0				
36350'	86.0	36350'	86.0				
36770'	87.0	36770'	87.0				
37190'	88.0	37190'	88.0				
37610'	89.0	37610'	89.0				
38030'	90.0	38030'	90.0				
38450'	91.0	38450'	91.0				
38870'	92.0	38870'	92.0				
39290'	93.0	39290'	93.0				
39710'	94.0	39710'	94.0				
40130'	95.0	40130'	95.0				
40550'	96.0	40550'	96.0				
40970'	97.0	40970'	97.0				
41390'	98.0	41390'	98.0				
41810'	99.0	41810'	99.0				
42230'	100.0	42230'	100.0				
42650'	101.0	42650'	101.0				
43070'	102.0	43070'	102.0				
43490'	103.0	43490'	103.0				
43910'	104.0	43910'	104.0				
44330'	105.0	44330'	105.0				
44750'	106.0	44750'	106.0				
45170'	107.0	45170'	107.0				
45590'	108.0	45590'	108.0				
46010'	109.0	46010'	109.0				
46430'	110.0	46430'	110.0				
46850'	111.0	46850'	111.0				
47270'	112.0	47270'	112.0				
47690'	113.0	47690'	113.0				
48110'	114.0	48110'	114.0				
48530'	115.0	48530'	115.0				
48950'	116.0	48950'	116.0				
49370'	117.0	49370'	117.0				
49790'	118.0	49790'	118.0				
50210'	119.0	50210'	119.0				
50630'	120.0	50630'	120.0				
51050'	121.0	51050'	121.0				
51470'	122.0	51470'	122.0				
51890'	123.0	51890'	123.0				
52310'	124.0	52310'	124.0				
52730'	125.0	52730'	125.0				
53150'	126.0	53150'	126.0				
53570'	127.0	53570'	127.0				
53990'	128.0	53990'	128.0				
54410'	129.0	54410'	129.0				
54830'	130.0	54830'	130.0				
55250'	131.0	55250'	131.0				
55670'	132.0	55670'	132.0				
56090'	133.0	56090'	133.0				
56510'	134.0	56510'	134.0				
56930'	135.0	56930'	135.0				
57350'	136.0	57350'	136.0				
57770'	137.0	57770'	137.0				
58190'	138.0	58190'	138.0				
58610'	139.0	58610'	139.0				
59030'	140.0	59030'	140.0				
59450'	141.0	59450'	141.0				
59870'	142.0	59870'	142.0				
60290'	143.0	60290'	143.0				
60710'	144.0	60710'	144.0				
61130'	145.0	61130'	145.0				
61550'	146.0	61550'	146.0				
61970'	147.0	61970'	147.0				
62390'	148.0	62390'	148.0				
62810'	149.0	62810'	149.0				
63230'	150.0	63230'	150.0				
63650'	151.0	63650'	151.0				
64070'	152.0	64070'	152.0				
64490'	153.0	64490'	153.0				
64910'	154.0	64910'	154.0				
65330'	155.0	65330'	155.0				
65750'	156.0	65750'	156.0				
66170'	157.0	66170'	157.0				
66590'	158.0	66590'	158.0				
67010'	159.0	67010'	159.0				
67430'	160.0	67430'	160.0				
67850'	161.0	67850'	161.0				
68270'	162.0	68270'	162.0				
68690'	163.0	68690'	163.0				
69110'	164.0	69110'	164.0				
69530'	165.0	69530'	165.0				
69950'	166.0	69950'	166.0				
70370'	167.0	70370'	167.0				
70790'	168.0	70790'	168.0				
71210'	169.0	71210'	169.0				
71630'	170.0	71630'	170.0				
72050'	171.0	72050'	171.0				
72470'	172.0	72470'	172.0				
72890'	173.0	72890'	173.0				
73310'	174.0	73310'	174.0				
73730'	175.0	73730'	175.0				
74150'	176.0	74150'	176.0				
74570'	177.0	74570'	177.0				
74990'	178.0	74990'	178.0				
75410'	179.0	75410'	179.0				
75830'	180.0	75830'	180.0				
76250'	181.0	76250'	181.0				
76670'	182.0	76670'	182.0				
77090'	183.0	77090'	183.0				
77510'	184.0	77510'	184.0				
77930'	185.0	77930'	185.0				
78350'	186.0	78350'	186.0				
78770'	187.0	78770'	187.0				
79190'	188.0	79190'	188.0				
79610'	189.0	79610'	189.0				
80030'	190.0	80030'	190.0				
80450'	191.0	80450'	191.0				
80870'	192.0	80870'	192.0				
81290'	193.0	81290'	193.0				
81710'	194.0	81710'	194.0				
82130'	195.0	82130'	195.0				
82550'	196.0	82550'	196.0				
82970'	197.0	82970'	197.0				
83390'	198.0	83390'	198.0				
83810'	199.0	83810'	199.0				
84230'	200.0	84230'	200.0				
84650'	201.0	84650'	201.0				
85070'	202.0	85070'	202.0				
85490'	203.0	85490'	203.0				
85910'	204.0	85910'	204.0				
86330'	205.0	86330'	205.0				
86750'	206.0	86750'	206.0				
87170'	207.0	87170'	207.0				
87590'	208.0	87590'	208.0				
88010'	209.0	88010'	209.0				
88430'	210.0	88430'	210.0				

LGAV/ATH  
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN  
18 APR 25 (13-1)

ATHENS, GREECE  
VOR Z Rwy 03L



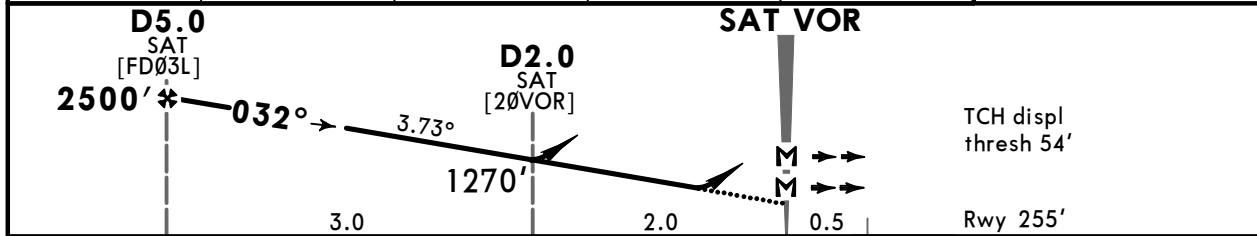
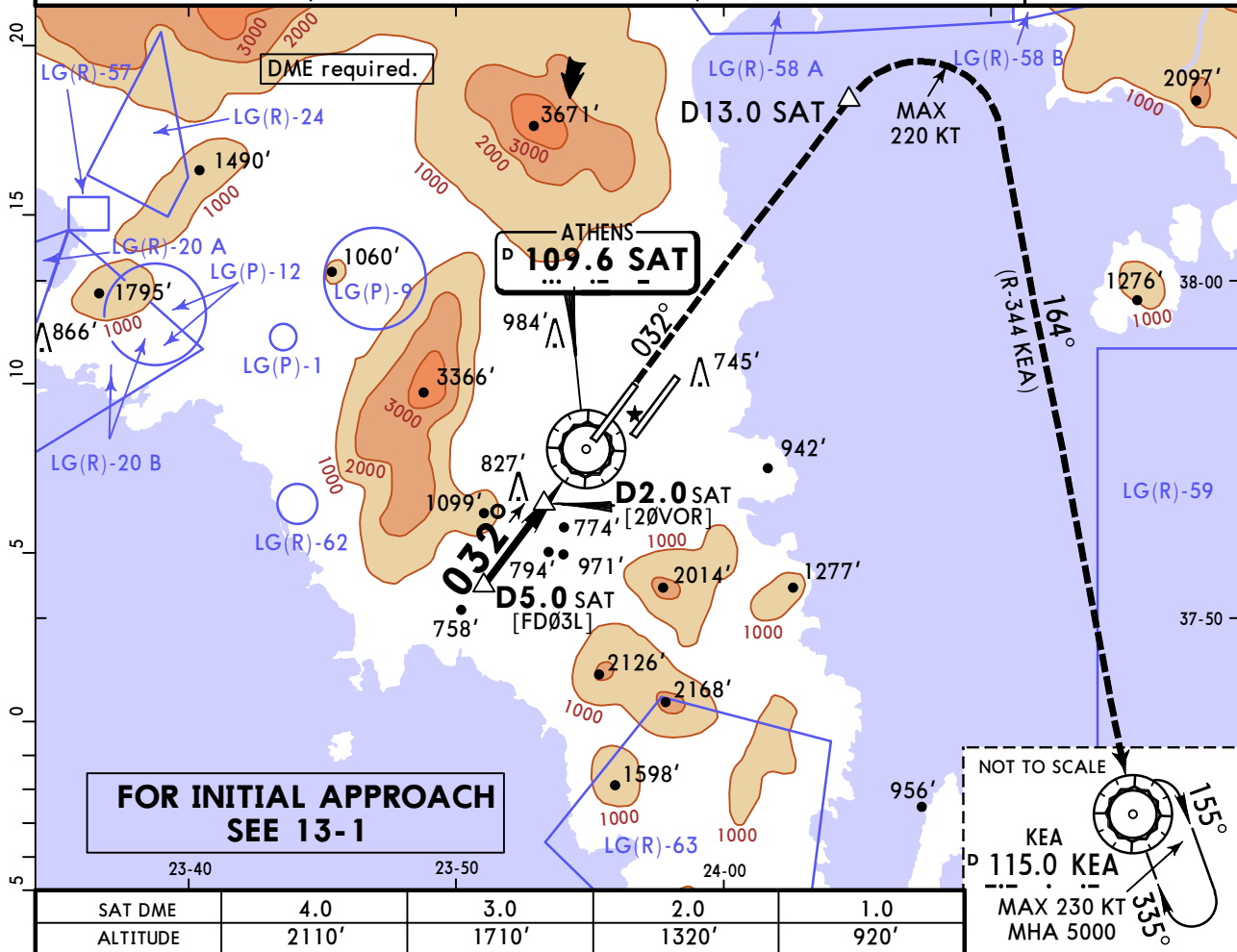


LGAV/ATH  
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN  
18 APR 25 13-1A

ATHENS, GREECE  
VOR Z Rwy 03L

BRIEFING STRIP™	ATIS		ATHENS Arrival (R)		Approach					
	136.125		West 132.975 East 126.575		126.575 130.025 132.975 128.950 125.525 121.4					
	VENIZELOS Tower		Ground							
	West (Rwy 03L/21R) 136.275		East (Rwy 03R/21L) 118.625		North 121.755		South 121.955		121.805 121.905	
	VOR SAT 109.6		Final Apch Crs 032°		D5.0 SAT 2500' (2245')		DA/MDA(H) (CONDITIONAL) 800' (545')		Apt Elev 308' Rwy 255'	
	MISSED APCH: Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D13.0 SAT VOR turn RIGHT (MAX 220 KT) to intercept R-344 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.									
	Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC		Trans alt: 9000'			
	MSA SAT VOR									



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	SAT 109.6 R-032	D13.0 SAT
Descent Angle 3.73°	462	594	660	792	924	1056			
MAP at SAT VOR									
D5.0 SAT to MAP	5.0	4:17	3:20	3:00	2:30	2:09			

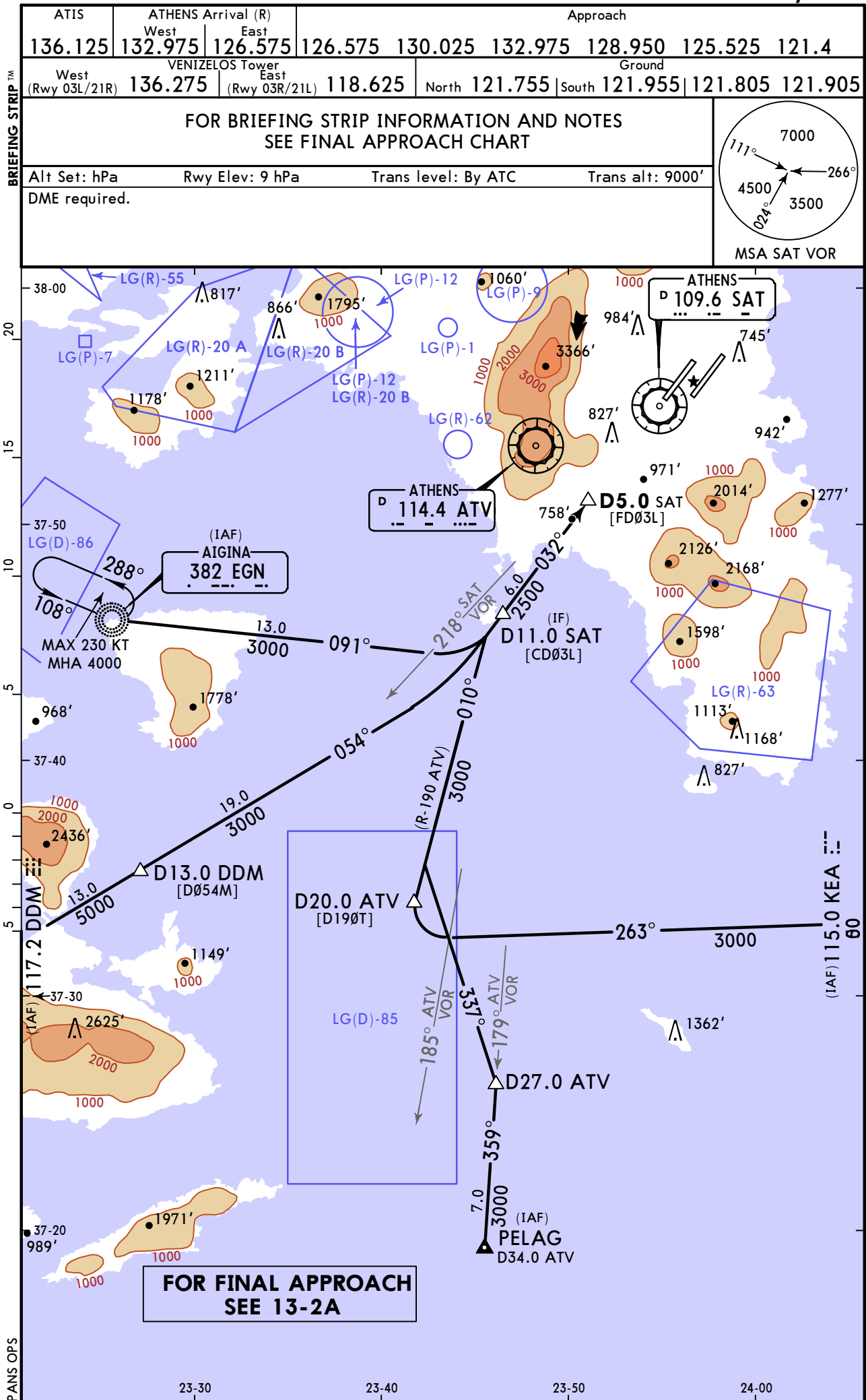
Std/State		STRAIGHT-IN LANDING				CIRCLE-TO-LAND	
		With D2.0 SAT CDFA		Without D2.0 SAT CDFA			
		<b>1</b> DA/MDA(H) <b>800'</b> (545')		<b>1</b> DA/MDA(H) <b>1270'</b> (1015')			
		ALS out		ALS out		Max Kts	MDA(H)
A	R1500m			R1500m		100	<b>1200'</b> (892') <b>2</b> V1500m
B						135	<b>1300'</b> (992') <b>2</b> V1600m
C	R1800m	R2400m	R2400m		C	N/A	
D					D		

1 VNAV DA(H) in lieu of MDA(H) depends on operator policy. 2 or higher straight-in minimums.

LGAV/ATH  
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN  
18 APR 25 (13-2)

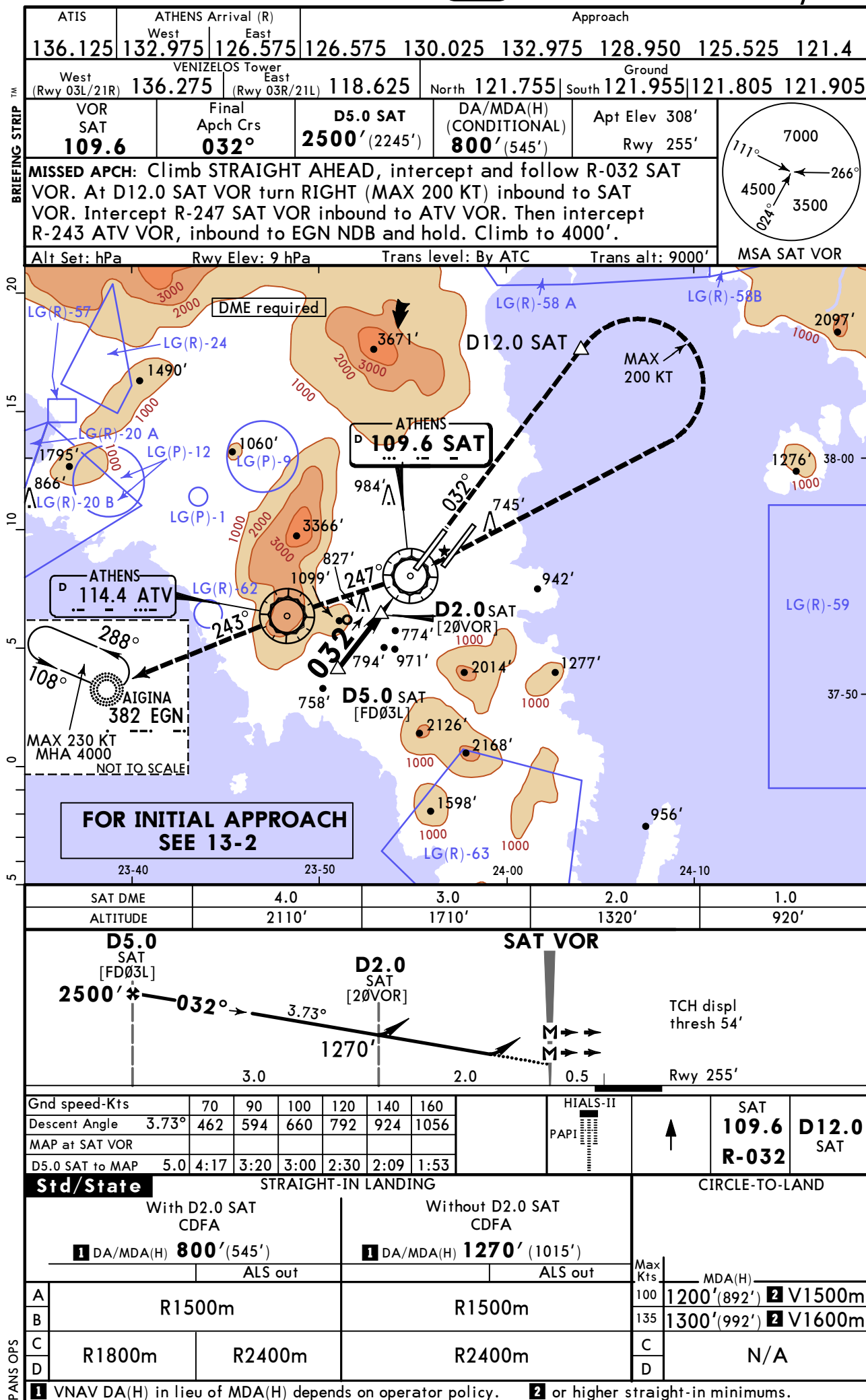
ATHENS, GREECE  
VOR Y Rwy 03L



LGAV/ATH  
ELEFTHERIOS VENIZELOS INTL

18 APR 25 **13-2A**

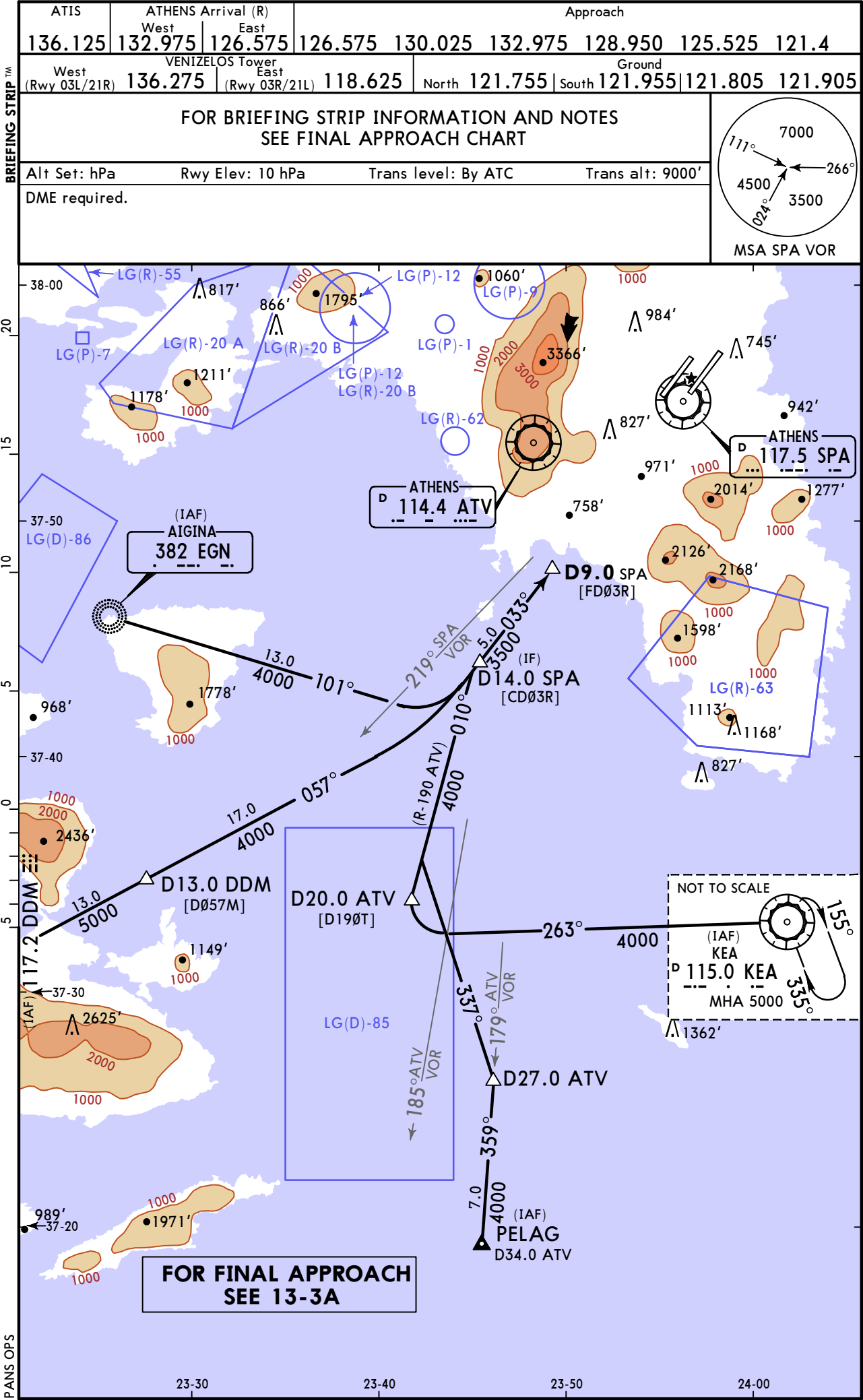
ATHENS, GREECE  
VOR Y Rwy 03L



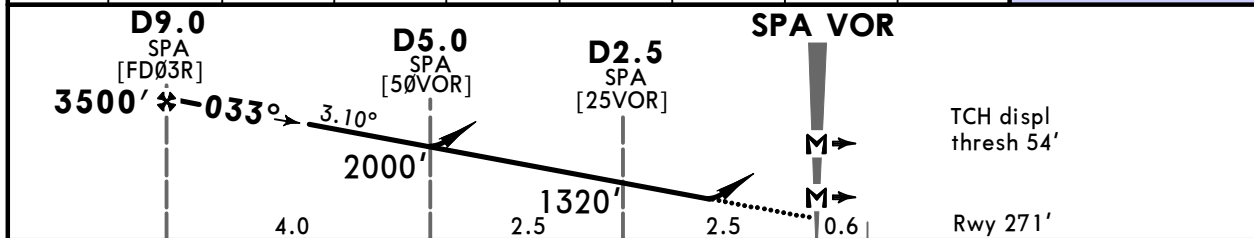
LGAV/ATH  
ELEFTHERIOS VENIZELOS INTL



JEPPESSEN  
18 APR 25 (13-3)

ATHENS, GREECE  
VOR Z Rwy 03R







Gnd speed-Kts	70	90	100	120	140	160		As soon as practicable 	SPA <b>117.5</b> <b>R-063</b>	<b>D6.0</b> SPA
Descent Angle 3.10°	384	494	548	658	768	878				
MAP at SPA VOR										
D9.0 SPA to MAP 9.0	7:43	6:00	5:24	4:30	3:51	3:23				

Std/State		STRAIGHT-IN LANDING		CIRCLE-TO-LAND	
		With D5.0 SPA CDFA <b>1</b> DA/MDA(H) <b>690'</b> (419')	Without D5.0 SPA CDFA <b>1</b> DA/MDA(H) <b>2000'</b> (1729')		
		ALS out	ALS out	Max Kts	MDA(H)
A	R1200m	R1500m	R5000m	100	1200' (892') <b>2</b> V1500m
B				135	1300' (992') <b>2</b> V1600m
C		R1900m		C	N/A
D				D	

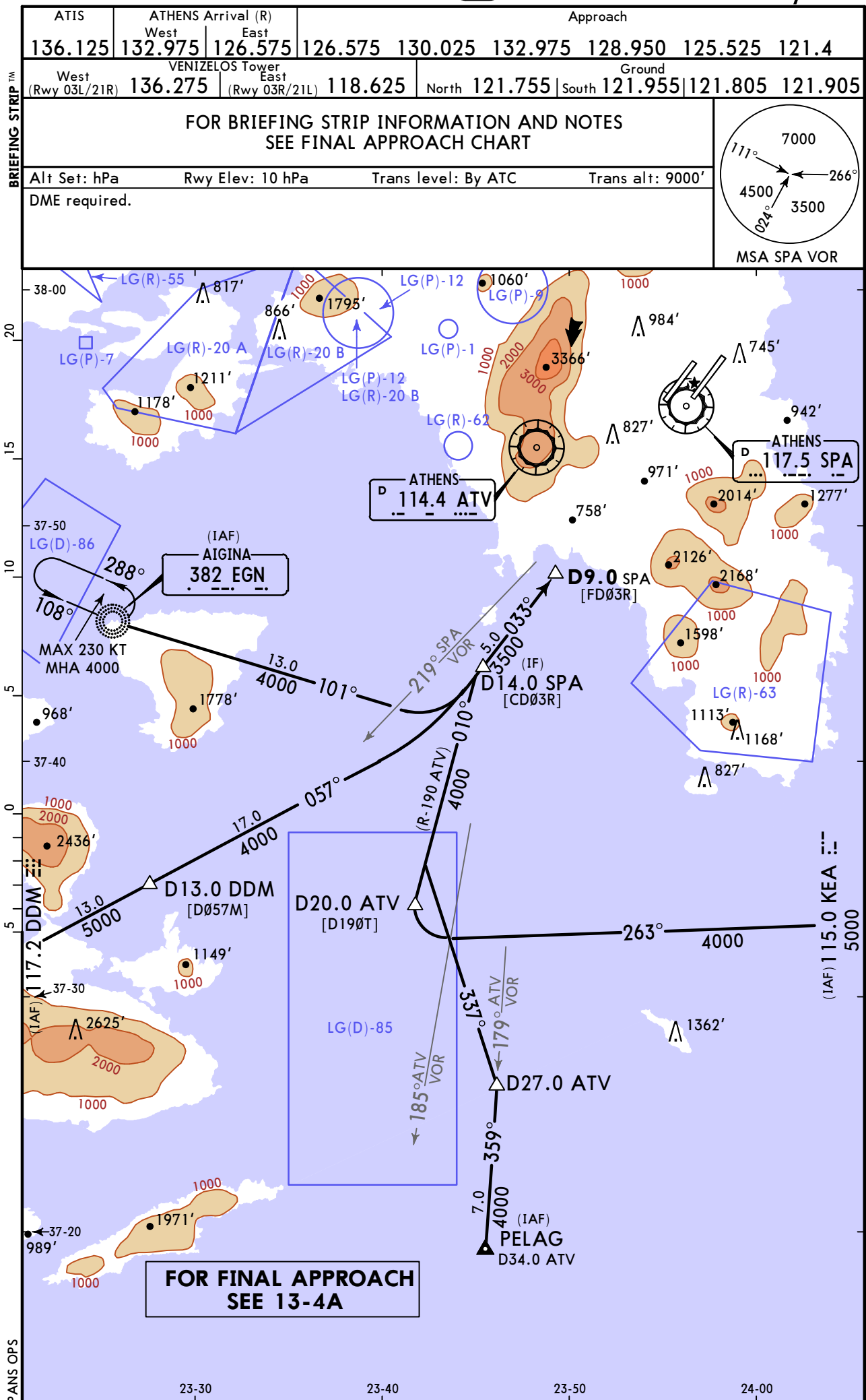
**1** VNAV DA(H) in lieu of MDA(H) depends on operator policy. **2** or higher straight-in minimums.

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ELEFTHERIOS VENIZELOS INTL

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18 APR 25 (13-4)

ATHENS, GREECE  
VOR Y Rwy 03R



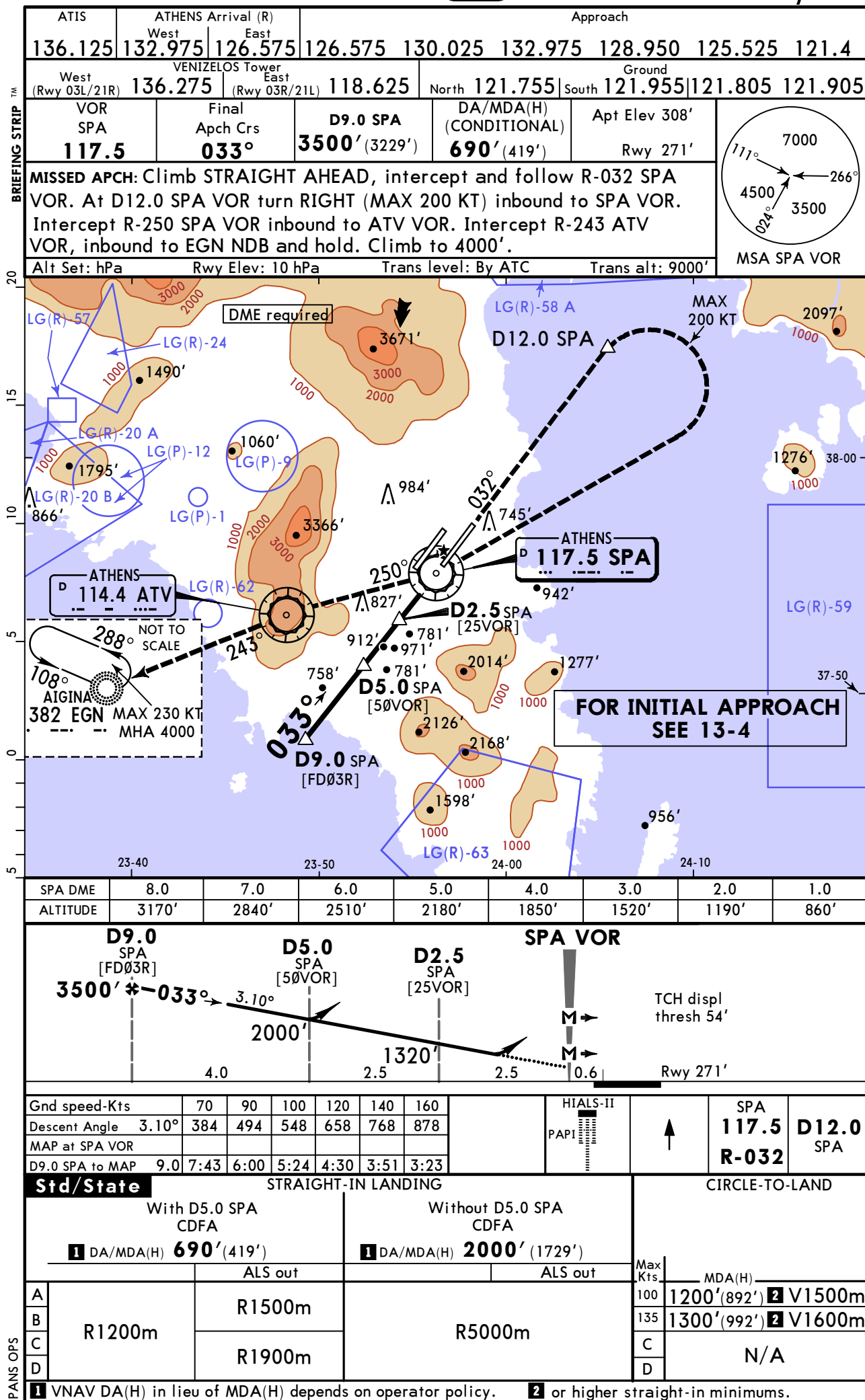
LGAV/ATH

ELEFTHERIOS VENIZELOS INTL 18 APR 25



13-4A

ATHENS, GREECE  
VOR Y Rwy 03R



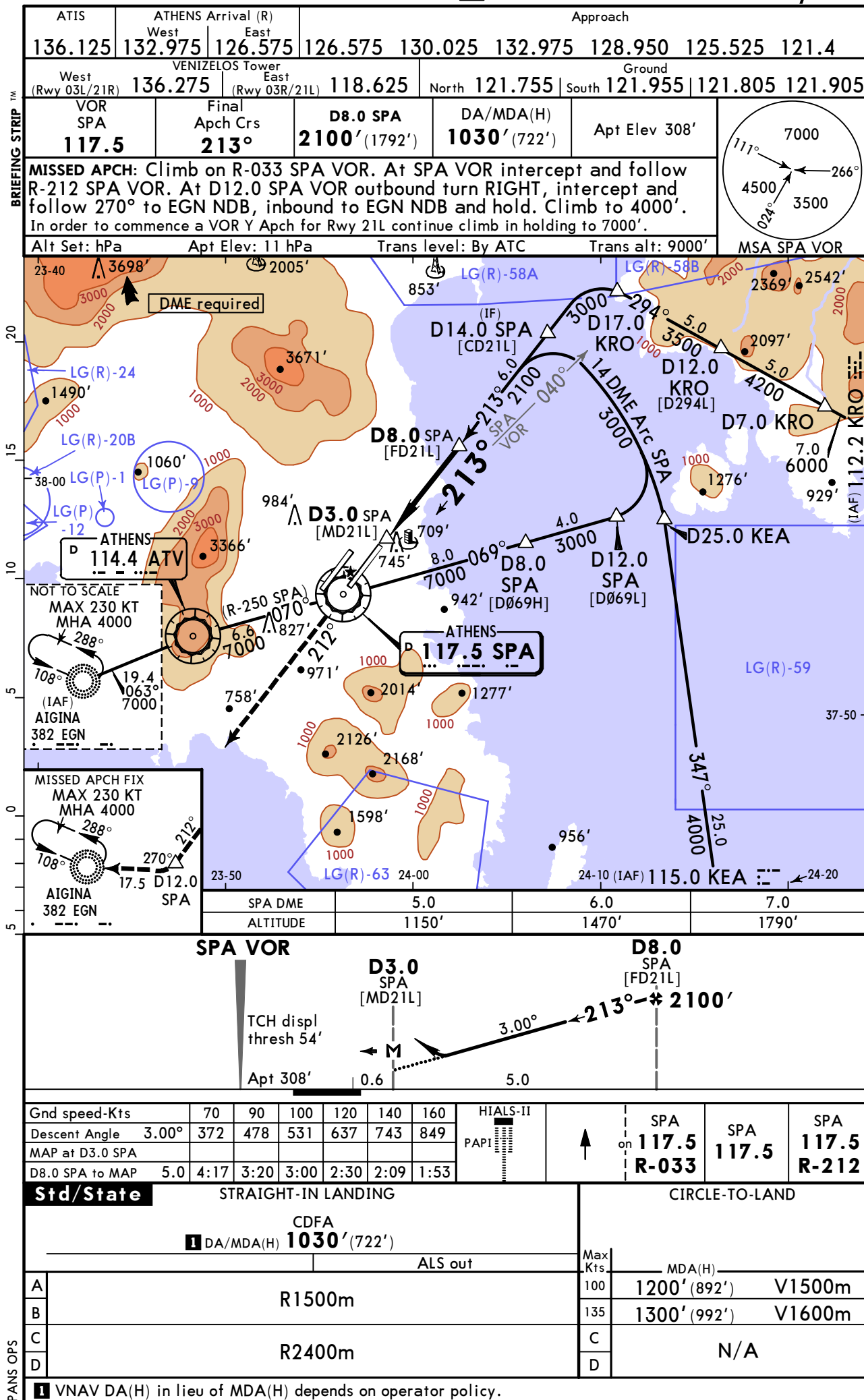
ATHENS, GREECE  
VOR Z Rwy 21L



**LGAV/ATH**  
ELEFTHERIOS VENIZELOS INTL

**JEPPESSEN**  
18 APR 25 **(13-6)**

**ATHENS, GREECE**  
VOR Y Rwy 21L



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ELEFTHERIOS VENIZELOS INTL

**JEPPESSEN**  
18 APR 25 **(13-7)**

**ATHENS, GREECE**  
**VOR Rwy 21R**

