

List of pages in this Trip Kit

Trip Kit Index

Airport Information For LGAV

Terminal Charts For LGAV

Revision Letter For Cycle 03-2019

Change Notices

Notebook

General Information

Location: ATHENS GRC
ICAO/IATA: LGAV / ATH
Lat/Long: N37° 56.2', E023° 56.7'
Elevation: 308 ft

Airport Use: Public
Daylight Savings: Observed
UTC Conversion: -2:00 = UTC
Magnetic Variation: 2.9° E

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

Sunrise: 0510 Z
Sunset: 1606 Z

Runway Information

Runway: 03L
Length x Width: 12467 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 255 ft
Lighting: Edge, ALS, Centerline, TDZ
Displaced Threshold: 984 ft

Runway: 03R
Length x Width: 13123 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 271 ft
Lighting: Edge, ALS, Centerline, TDZ
Displaced Threshold: 984 ft

Runway: 21L
Length x Width: 13123 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 303 ft
Lighting: Edge, ALS, Centerline, TDZ
Displaced Threshold: 984 ft

Runway: 21R
Length x Width: 12467 ft x 148 ft

Surface Type: asphalt
TDZ-Elev: 282 ft
Lighting: Edge, ALS, Centerline, TDZ
Displaced Threshold: 984 ft

Communication Information

ATIS: 136.125 At or below 33574432 ft
Venizelos Tower: 118.625 At or below 33558432 ft Out to 25 mi.
Venizelos Tower: 27.870 Military
Venizelos Tower: 136.275 At or below 33558432 ft Out to 25 mi.
Venizelos Tower: 122.100
Venizelos Tower: 25.780 Military
Venizelos Ground: 121.750 Out to 5 mi.
Venizelos Ground: 121.800 Out to 5 mi.
Venizelos Ground: 121.900 Out to 5 mi.
Venizelos Ground: 121.950 Out to 5 mi.
Venizelos Clearance Delivery: 118.675 At or below 33558432 ft Out to 25 mi.
Athens Approach: 121.400 At or below 33582432 ft
Athens Approach: 125.525 At or below 33582432 ft
Athens Approach: 126.575 At or below 33582432 ft
Athens Approach: 128.950 At or below 33582432 ft
Athens Approach: 130.025 At or below 33582432 ft
Athens Approach: 132.975 At or below 33582432 ft
Athens Arrival: 132.975
Athens Arrival: 126.575
Athens Departure: 128.950
Venizelos Emergency: 121.675 Out to 5 mi.
Athens Radio: 563.700 RCO
Athens Direct (Approach Control Radar): 121.400
Athens Information: 124.025 At or below 33574432 ft Flight Info Service
Athens Information: 131.175 At or below 33574432 ft Flight Info Service
Venizelos Information: 136.025 At or below 33579432 ft Out to 50 mi.
Athens Radio: 298.900 RCO

LGAV/ATH

JEPPESEN

ATHENS, GREECE

ELEFThERIOS VENIZELOS INTL

21 DEC 18

10-1P

Eff 3 Jan

AIRPORT BRIEFING

1. GENERAL

1.1. ATIS

ATIS 136.125

1.2. NOISE ABATEMENT PROCEDURES

1.2.1. GENERAL

The following procedures are defined in order to minimize ACFT noise in the areas adjacent to the APT.

Arriving or departing ACFT should avoid overflying the residential areas of Artemis, Rafina, Markopoulo, Koropi and Spata. If unable to comply ACFT shall overfly these areas for the minimum required time while maintaining the minimum safe height.

ACFT not intending to land at ELEFThERIOS VENIZELOS APT are not permitted to overfly these residential areas below 3000'.

For noise abatement purposes a permanent noise monitoring system has been installed in residential areas in the vicinity of the APT.

Rapid changes in engine power should be avoided unless for safety reasons.

1.2.2. RWY USAGE

Between 2300-0700LT:

- RWY 21L should not be used for landing.
- RWY 03R should not be used for take-off.

Chapter 2 ACFT are not allowed to use RWY 03R for take-off; pilots shall inform ATC unit of their status, upon start-up clearance request.

Following ACFT types shall not depart from RWY 03R or land on RWY 21L:

AN-124, BAC 1-11-200/400, B707, B727, B737-200, B747-200/300, BAE-125-1000, DC-8, DC-9, DC-10, IL 62, IL 76/IL 78-82, IL 96, L1011, TU-134A, TU-154M, YAK-40 and YAK-42.

All military ACFT shall not depart from RWY 03R or land on RWY 21L. Military ACFT of a type equivalent to a civil ACFT type not included in the above mentioned list are not subject to this restriction.

Deviations may be accepted if capacity demand requires or during extreme weather and if operational restrictions apply.

1.2.3. NIGHTTIME RESTRICTIONS

Between 2300-0700LT all ad-hoc flights require the prior approval of the APT Duty Officer.

Exceptions: Airmail service flights, government flights, ambulance flights, police helicopter flights, other humanitarian aid service flights and emergency flights.

1.2.4. REVERSE THRUST

Reverse thrust is to be used minimal and in accordance with safe operating procedures.

1.2.5. RUN-UP TESTS

Maintenance run-up tests above idle are permitted only between 0700-2300LT in designated areas.

1.3. LOW VISIBILITY PROCEDURES (LVP)

1.3.1. GENERAL

Pilots will be informed by ATIS or RTF when LVP are in operation.

LVP will be commenced when RVR falls to 600m and/or ceiling is at or below 200'.

LVP will be terminated, when RVR is greater than 600m and ceiling is greater than 200' and a continuing improvement in these conditions is anticipated.

During LVP one RWY will be used exclusively for landings while the other one will be used for departures.

Pilots will not be refused permission to land or take-off on 'pilots discretion', solely because of bad weather conditions.

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21 DEC 18

10-1P1

Eff 3 Jan

AIRPORT BRIEFING

1. GENERAL

1.3.2. ARRIVING ACFT

All appropriate RWY exits are illuminated, and pilots should use the first convenient exit. RWY vacated will be assessed when the ACFT has passed the last of the alternate yellow and green centerline lights. These lights denote the extent of the ILS sensitive area.

Landed ACFT shall report clear of the color coded centerline lights to indicate that the ACFT has vacated the ILS sensitive area and upon arrival at the parking stand.

1.3.3. DEPARTING ACFT

Departing ACFT are required to use the following CAT II holding points:

RWY 03L : A1, A2

RWY 03R : D1, D2

RWY 21L : D12, D13

RWY 21R : A13, A14

1.4. SURFACE MOVEMENT GUIDANCE

The TWY centerline lights within the ILS sensitive area from RWY 03R/21L towards TWY D and from RWY 03L/21R towards TWY A are color coded (yellow/green).

Landed ACFT are requested to report clear of the colour coded centerline lights to indicate that the ACFT has vacated the ILS sensitive area.

Intermediate TWY holding position lights operate together with the centerline lighting and consist of 3 unidirectional surface lights showing amber in the direction of approach to the intersection.

If the traffic situation requires, ACFT may be instructed to hold at a specific intermediate holding position. If no such instruction is given, ACFT may taxi across the intermediate holding position marking without a specific clearance.

Stop bars are operated independently of the centerline lighting and consist of unidirectional surface lights showing red in the direction of approach to a taxi holding position or an intersection. Taxiing across stop bars is strictly prohibited when they are switched on. Clearances of any kind do not cover permission for taxiing across an operating stop bar.

1.5. TAXI PROCEDURES

1.5.1. GENERAL

TWY E is an ACFT stand taxilane with reduced minimum separation distances between taxi centerline and objects. The separation distance between the centerline and objects is a minimum of 139'/42.5m.

Due to reduced wingtip-clearance adhere strictly to the yellow TWY centerlines. Taxi speed to be adjusted accordingly.

1.5.2. GROUND MOVEMENT

All taxiing ACFT shall follow the yellow taxi centerline or the ACFT stand lead-in line. No deviations or short-cuts are permitted unless guided by a Follow-me car.

ACFT are permitted to taxi only if permanent radio contact with ATC can be maintained during the entire taxi maneuver, unless guided by a Follow-me car.

The pilot shall always adhere to the signals of the Follow-me car.

ACFT are permitted to taxi only at the indispensable minimum engine speed.

In order to avoid any damage, ACFT types L-1011, DC-10 and MD-11 are not allowed to increase the power of engine number 2 beyond its idle motion speed when taxiing in the vicinity of buildings.

B773, A345 and A346: In order to keep the required minimum edge clearance, judgemental oversteer shall be used.

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21 DEC 18

10-1P2

Eff 3 Jan

AIRPORT BRIEFING

1. GENERAL

1.5.3. ACFT TOWING

Towing of ACFT requires the prior permission of ATC. Towed ACFT should always be guided by a Follow-me car.

During NIGHT or when LVP in operation, towed ACFT should be illuminated.

1.5.4. A380-800 GROUND OPERATIONS

Engines 1 and 4 should be shut-down when vacating the RWY after landing and started-up for departure on the RWY. Taxiing shall be performed on engines 2 and 3.

Alternatively, in order to minimize RWY occupancy, engines 1 and 4 may be started up on TWY D facing South, abeam link D2 for departure from RWY 03R, or on link D13 facing East for departure from RWY 21L. If engines 1 and 4 are started up before entering the RWY they should be kept at ground idle until lined up for take-off.

A380-800 ACFT taxiing over TWY K and H bridges are limited to Maximum Landing Weight.

Taxilanes E, I, J, Y1 and Y2 are not available for A380 traffic.

When holding short of a RWY stop at CAT II holding points.

In order to keep the required minimum edge clearances, judgmental oversteer shall be used.

For braking away and during taxi use minimum power, taxi only under Follow-me guidance and at low speed.

A380 can be parked on contact stands A09, A11, A13, A33, A35, A37, B05 using the AGNIS/PAPA system for guidance and on remote parking positions A42 and B17 by a Marshaller. Alternatively, in case of unavailability of towbar on board TWY G can accommodate the ACFT facing North or South.

Due to height limitations of the GSE equipment the top of the ACFT tail fin can not be fully de-iced.

1.6. PARKING INFORMATION

AGNIS/PAPA available at stands A01 thru A39 and B03 thru B15.

If the crew realizes, when taxiing into a nose-in position equipped with AGNIS/PAPA, that the latter is switched off or out of order, the ACFT shall be stopped immediately. Malfunctioning shall be reported to Ground, waiting for instructions.

Parking of ACFT at stands not provided with AGNIS/PAPA is only permitted under the instruction of a marshaller.

1.7. OTHER INFORMATION

Birds in vicinity of APT.

Caution is advised. TCAS alerts due to proximity of heliports to thresholds RWYs 03L and 03R.

On approaches and departures overflying of other ACFT at low heights is prohibited for helicopters.

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21 DEC 18

10-1P3

Eff 3 Jan

AIRPORT BRIEFING

2. ARRIVAL

2.1. SPEED RESTRICTIONS

A speed limitation of 250 KT maximum applies to all flights below 3050m (10000 ft) within ATH TMA. Pilots of ACFT types, which for technical or safety reasons cannot maintain this speed, shall inform ATHENS APP on initial contact and a suitable instruction shall be issued by ATHENS APP.

Furthermore, the following speed limits apply to arriving ACFT within ATH TMA for separation reasons, are MANDATORY and shall be flown as accurately as possible, unless otherwise instructed by ATHENS APP:

- 220 KT at or below 5000ft, when established on the final approach course or until 14NM from the landing threshold, whichever occurs first;
- 180 KT at a distance of 8NM from the landing threshold;
- 160 KT at a distance of 6NM from the landing threshold.

ACFT unable to maintain these speeds shall inform ATHENS APP on initial contact.

When an indicated airspeed is not specified by ATHENS APP, it is expected that the pilot will comply with these speeds.

2.2. NOISE ABATEMENT PROCEDURES

STARs are also noise abatement routings and will be assigned by the appropriate ATC unit in accordance with operational requirements.

Use delayed gear and flap extension and low power/drag configuration consistent with safe operating procedures.

2.3. CAT II OPERATIONS

RWYs 03L/21R and 03R/21L approved for CAT II operations, special aircrew and ACFT certification required.

2.4. TAXI PROCEDURES

2.4.1. USE OF GA APRON

Arriving ACFT taxiing on the GA apron, will be guided by a Follow-me car.

2.5. OTHER

In case of radar-vectoring, the intermediate approach segment may be partially omitted. ATHENS APP will then issue vectors to direct the ACFT to a position from where final approach can be started or a visual approach can be completed.

3. DEPARTURE

3.1. GENERAL

For ATC reasons, RADAR-vectoring may be applied above minimum vectoring altitudes, in which case SIDs will be partially omitted.

3.2. DE-ICING

ACFT de/anti-icing activities are performed under the responsibility of the ACFT operator and/or Ground handler. ACFT de/anti-icing is allowed at all parking stands.

Prior coordination with the APT company (APT Services Operations Center) is necessary.

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ELEFThERIOS VENIZELOS INTL

21 DEC 18

10-1P4

Eff 3 Jan

AIRPORT BRIEFING

3. DEPARTURE

3.3. START-UP, PUSH-BACK AND TAXI PROCEDURES

3.3.1. START-UP AND ATC CLEARANCE

Pilots shall request clearance for starting the engines and ATC clearance from Delivery. Request for ATC clearance may take place at the earliest 10 minutes prior to engine start-up. Upon receiving start-up and ATC clearance, pilots will be instructed to contact the appropriate frequency (VENIZELOS Ground North or South) for push-back and taxi or for taxi clearance (where push-back is not necessary).

Pilots shall inform Delivery, if unable to be ready to taxi within 10 minutes from start-up time.

3.3.2. ENGINE RUN-UP

Run-ups require the prior permission by the Airport Duty Officer (ADO) and should be performed between 0700LT-2300LT.

Engine run-up on more than ground idle shall be conducted on TWY B between links A2-A4 and A11-A13 provided that:

- Prior approval is obtained from Airport Duty Officer (ADO).
- The ACFT heading will be at the discretion of ATC, based on the prevailing wind conditions and to avoid interference with ACFT operations.
- ACFT had to be towed from/to that location under the escort of a Follow-me car.

3.3.3. PUSH-BACK AND TAXI OUT

ACFT may leave nose-in stands only by the aid of towing trucks. Reverse thrust or variable pitch propellers shall not be used. ACFT operators shall make suitable arrangements.

Push-back or taxi clearance from a position may only be requested if the pilot can perform the maneuver immediately.

When pilots request push-back and/or taxi, they shall indicate their ACFT parking stand.

During push-back procedure, ACFT from any parking position is aligned on the TWY and positioned with the nose gear abeam the lead-in line of its stand.

Upon completing this procedure, movement of other ACFT from/to other adjacent parking positions can be performed, according of the rules of tables 1 and 2.

Table 1: All stands except B30 thru B45:

ACFT code	Simultaneous push-back from adjacent parking positions	Limitations to adjacent parking position in front of push-back ACFT	Limitations to adjacent parking position behind push-back ACFT	Limitations to second adjacent parking position behind push-back ACFT
C	Not allowed	ACFT movement is allowed (except ACFT of ICAO code E to parking positions B13/B15).	ACFT movement is not allowed.	None
D				ACFT movement is not allowed .
E				

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ELEFTHERIOS VENIZELOS INTL

21 DEC 18

10-1P5

Eff 3 Jan

AIRPORT BRIEFING

3. DEPARTURE

Table 2: Stands B30 thru B45:

ACFT code	Simultaneous push-back from adjacent parking positions	Limitations to adjacent parking position in front of push-back ACFT	Limitations to adjacent parking and second adjacent parking position behind push-back ACFT	Limitations to third adjacent parking position behind push-back ACFT
C	Not allowed	ACFT movement is allowed.	ACFT movement is not allowed.	None
D				ACFT movement is not allowed.

Apart from these rules, and in order to expedite traffic whenever operational conditions permit, air traffic controllers can request from ACFT to perform extended push-back with the nose gear abeam the lead-in line of an adjacent parking position.

Starting up engines for ACFT requiring push-back is commenced when the ACFT is aligned on the TWY centerline or when clearing the apron service road, in order to protect personnel and equipment from the jet blast.

In cases where push-back is not necessary or in exceptional cases when a pilot wishes to start at least one engine on the stand, the safeguarding of the ACFT is responsibility of the airline and the ground handler. In these cases they shall take the appropriate measures in order of the safeguard, the area and to prevent any personnel or vehicle to pass behind running engines, and to ensure that jet blast during this procedure does not affect ACFT taxiing on the TWY behind.

3.3.4. USE OF GA APRON

After receiving an ATC clearance, departing ACFT taxiing out of the GA apron is performed on pilot's own responsibility.

3.4. NOISE ABATEMENT PROCEDURES

Thrust reduction-acceleration RWYs 03L and 03R unless for safety reasons all Turbo-Prop and Jet powered ACFT shall not reduce take-off thrust until a minimum altitude of 1800' MSL has been reached and shall not accelerate above initial climb speed (V_2+10) or change take-off flap and slat configuration until minimum altitude of 3300' MSL has been reached.

3.5. DEPARTURE OF A380-800

For take-off use the Flight Crew Operating Manual supplementary procedure: "Operation on Runway + Shoulders less than 58m wide".

When taking off from RWY 03L/21R, the weight limitation for taxiing over the bridges of TWYs H and K must be taken into consideration in take-off weight calculations.

LGAV/ATH ELEFTHERIOS VENIZELOS INTL

13 JUL 12
Eff 26 Jul

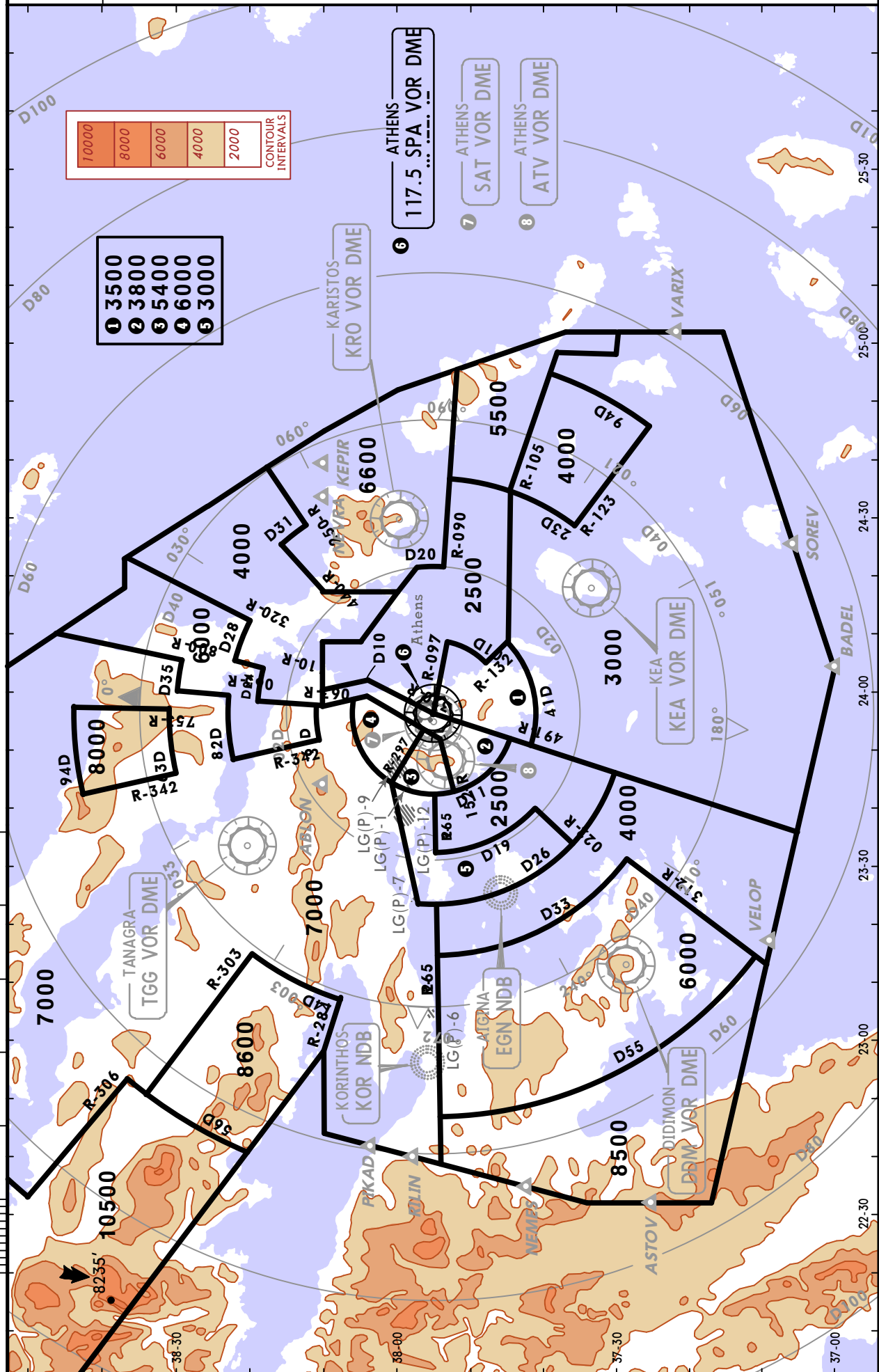


ATHENS, GREECE

10-1R

RADAR MINIMUM ALTITUDES

Apt Elev 308'	Alt Set: hPa
	Trans level: By ATC Trans alt: 9000'
	Sectors based on SPA.



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ELEFTHERIOS VENIZELOS INTL

JEPPesen

ATHENS, GREECE

28 JUL 17

10-2

STAR



LGAV/ATH
ELEFTHERIOS VENIZELOS INTL 28 JUL 17

JEPPESSEN
10-2B

ATHENS, GREECE
STAR



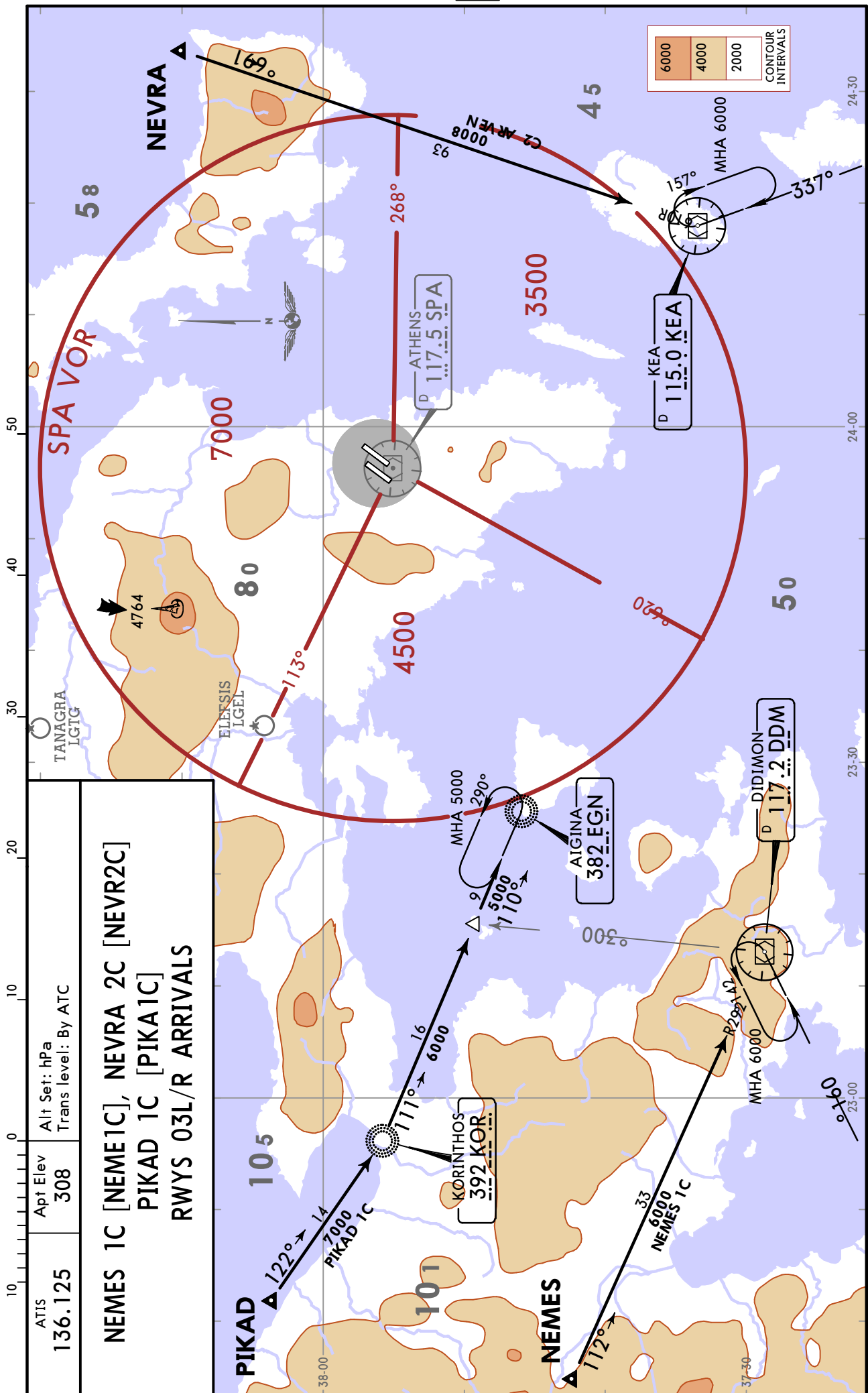
ATIS 136.125
Alt Set: hPa
Trans level: By ATC
308

NEMES 1B [NEME1B]
NEVRA 1A [NEVR1A], PIKAD 1B [PIKA1B]
RWYS 21L/R ARRIVALS

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
 28 JUL 17 **10-2C**

ATHENS, GREECE
STAR



LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
28 JUL 17 **10-2D**

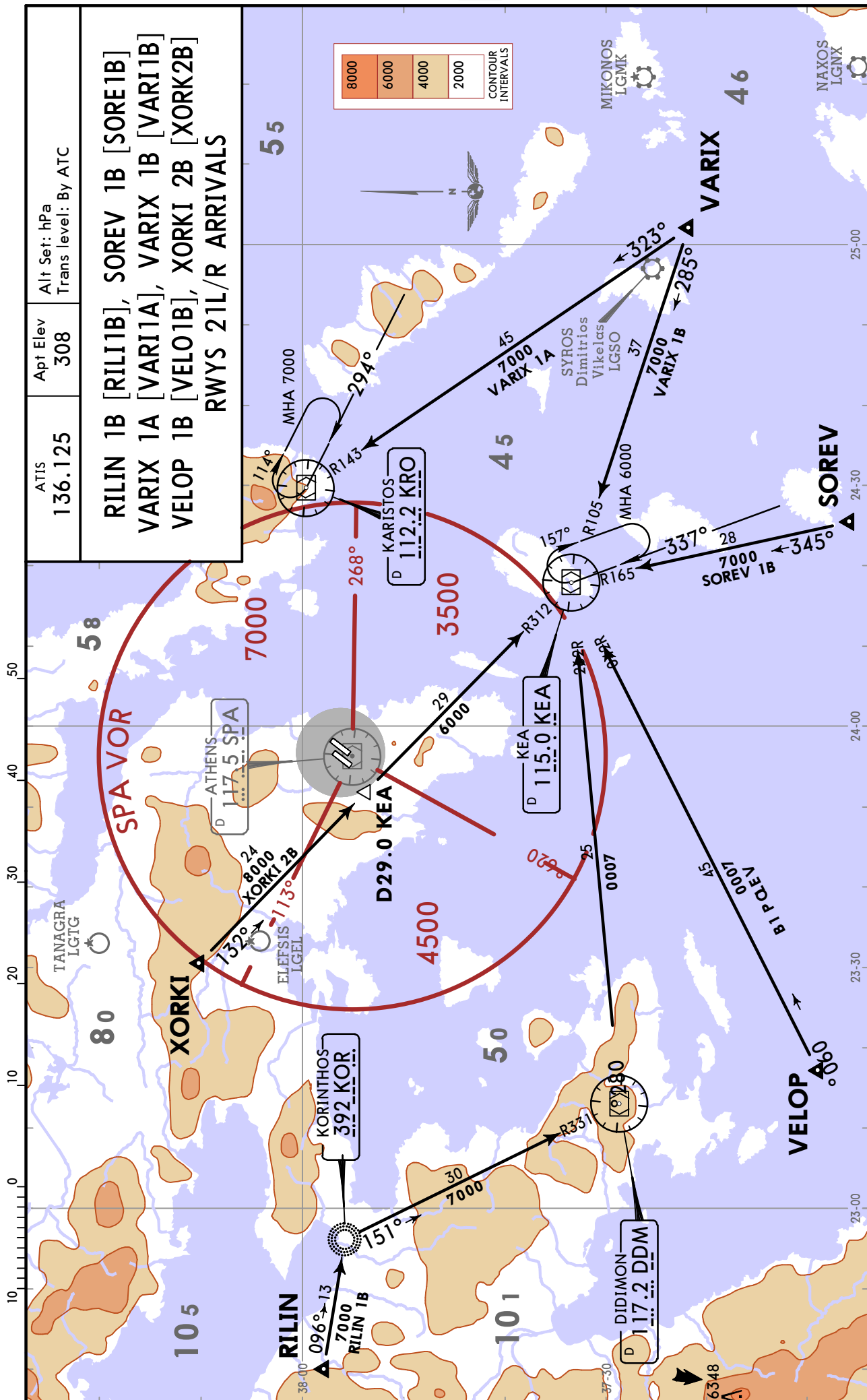
ATHENS, GREECE
STAR

ATIS
136.125

Apt Elev
308

Alt Set: hPa
Trans level: By ATC

**RILIN 1B [RILI1B], SOREV 1B [SORE1B]
VARIX 1A [VARI1A], VARIX 1B [VARI1B]
VELOP 1B [VELO1B], XORKI 2B [XORK2B]
RWYS 21L/R ARRIVALS**



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JEPPESSEN

ATHENS, GREECE

ELEFTHERIOS VENIZELOS INTL

17 JUL 15

10-3

SID

SID DESIGNATION	REFER TO CHART
KEPIR 1L, NEVRA 1L, 1M, VARIX 1L	10-3B
KEPIR 1K, NEVRA 1N	10-3C
KEPIR 1E, NEVRA 1Y, VARIX 1E	10-3D
KEPIR 1J, NEVRA 1J, 1K, VARIX 1J	10-3E
KEPIR 1T, NEVRA 1T, VARIX 1T	10-3E1
KEPIR 1F, NEVRA 2F, 1H	10-3E2
KEPIR 1G, NEVRA 1E, 2G	10-3F
GENDO 1L, KEA 1L, SOREV 1L	10-3G
KEA 1K, SOREV 1K, 1N, VARIX 1K	10-3H
BIBEX 1E, GENDO 1E, KEA 1E, SOREV 1E	10-3J
BIBEX 1J, GENDO 1J, KEA 1J, SOREV 2J	10-3J1
BIBEX 1T, GENDO 1T, KEA 1T, SOREV 1T	10-3J2
BIBEX 1F, GENDO 1F, KEA 1F, SOREV 1F, VARIX 1F	10-3K
GENDO 1G, KEA 1G, SOREV 1G, VARIX 1G	10-3L
ASTOV 2D, VELOP 2D	10-3M
ASTOV 2L, VELOP 2L	10-3N
ASTOV 1K, VELOP 1K	10-3P
ASTOV 1E, VELOP 1E	10-3Q
ASTOV 2J, VELOP 2J	10-3S
ASTOV 1T, VELOP 1T	10-3T
ASTOV 1F, VELOP 2F	10-3U
ASTOV 1G, VELOP 2G	10-3V
PIKAD 2D, RILIN 2D, RIMAX 1D	10-3V1
PIKAD 2L, RILIN 2L, RIMAX 1L	10-3V2
PIKAD 1K, RILIN 1K, RIMAX 1K	10-3V3
PIKAD 1E, RILIN 1E, RIMAX 1E	10-3V4
PIKAD 1T, RILIN 1T, RIMAX 1T	10-3V5
PIKAD 2J, RILIN 2J, RIMAX 1J	10-3V6
PIKAD 2F, RILIN 2F, RIMAX 1F	10-3W
PIKAD 2G, RILIN 2G, RIMAX 1G	10-3X
ABLON 2D, 1K, 2L	10-3X1
ABLON 1E	10-3X2
ABLON 2J	10-3X3
ABLON 1T	10-3X4
ABLON 3F	10-3X5
ABLON 1G	10-3X6

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN

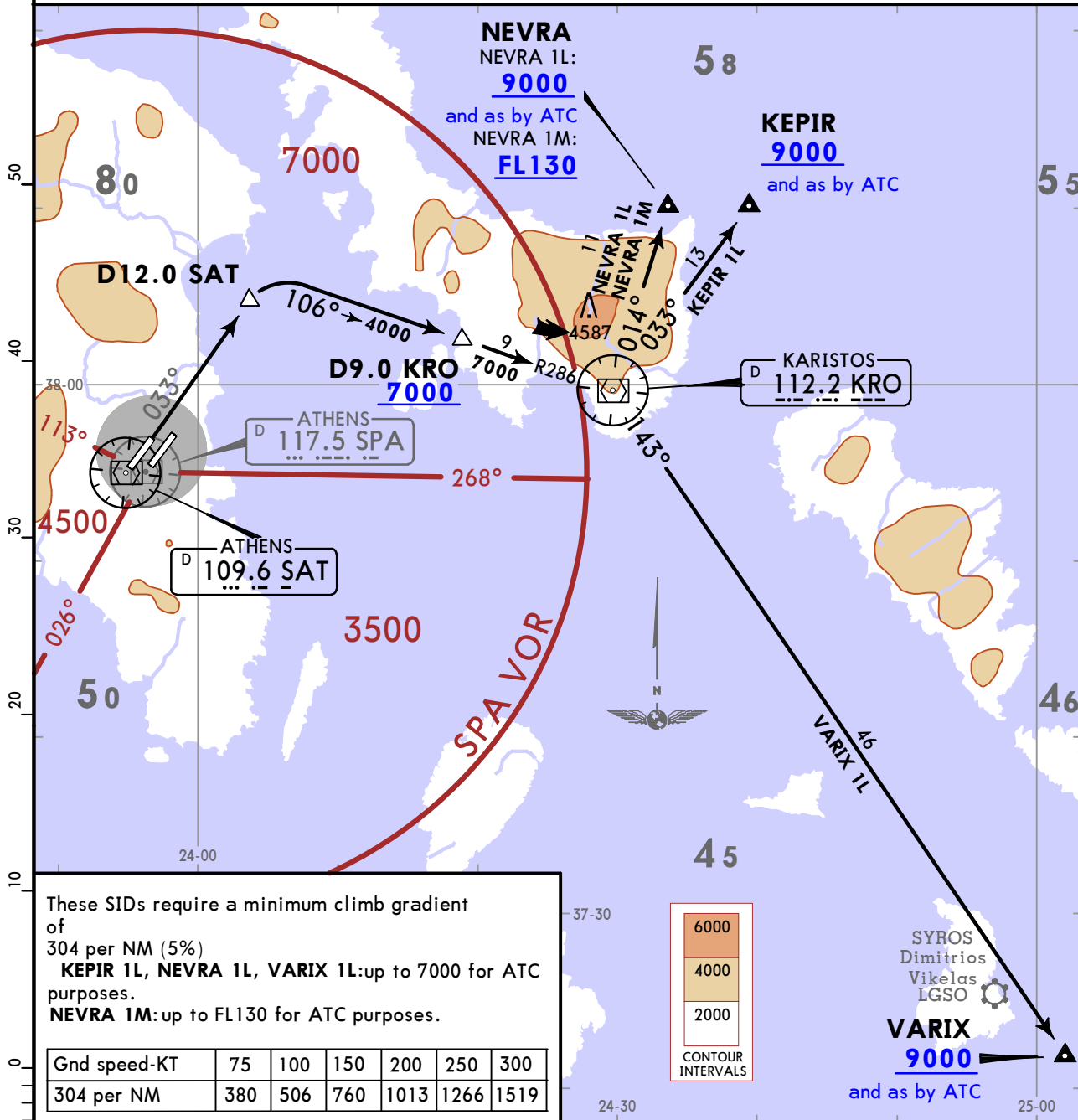
ATHENS, GREECE

13 JUL 18 **10-3B**

SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 Restrictions in climb to a maximum altitude are applied in case of RADAR failure, lost comms, and, if not otherwise instructed by ATC, in order to obtain vertical separation with simultaneous departure from RWY 03R.
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KEPIR 1L [KEPI1L]
NEVRA 1L [NEVR1L], NEVRA 1M [NEVR1M]
VARIX 1L [VARI1L]
RWY 03L DEPARTURES



These SIDs require a minimum climb gradient of 304 per NM (5%)
KEPIR 1L, NEVRA 1L, VARIX 1L: up to 7000 for ATC purposes.
NEVRA 1M: up to FL130 for ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
304 per NM	380	506	760	1013	1266	1519

MAX 210 KT for initial turns. Bank angle 15°.

KEPIR 1L, NEVRA 1L, VARIX 1L: Initial climb clearance **7000**
NEVRA 1M: Initial climb clearance **FL130**

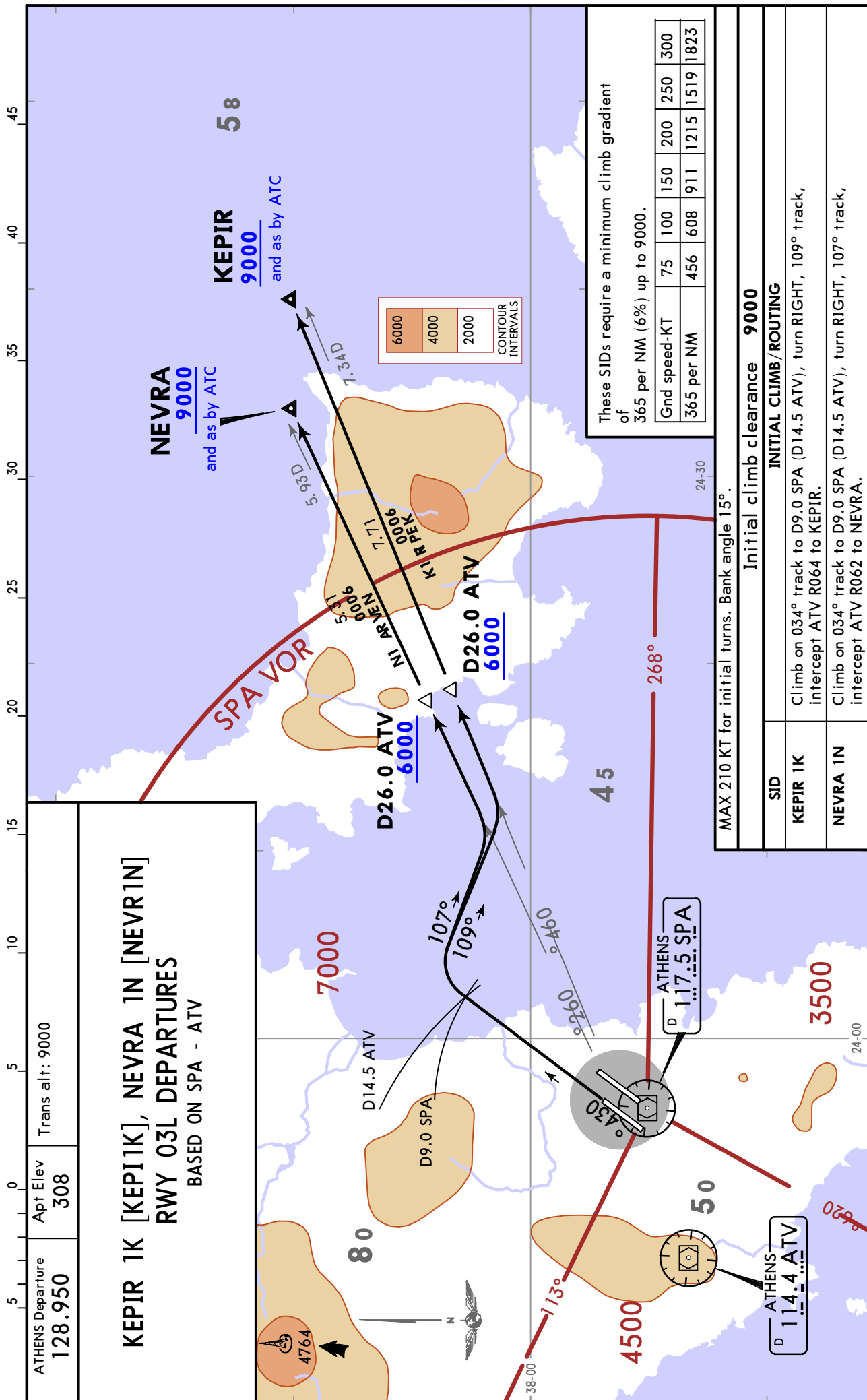
INITIAL CLIMB
 Climb on SAT R033, at D12.0 SAT, turn RIGHT, intercept KRO R286 inbound to KRO.

SID	ROUTING
KEPIR 1L	At KRO turn LEFT, KRO R033 to KEPIR.
NEVRA 1L, 1M	At KRO turn LEFT, KRO R014 to NEVRA.
VARIX 1L	At KRO turn RIGHT, KRO R143 to VARIX.

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
13 JUL 18 (10-3C)

ATHENS, GREECE
SID



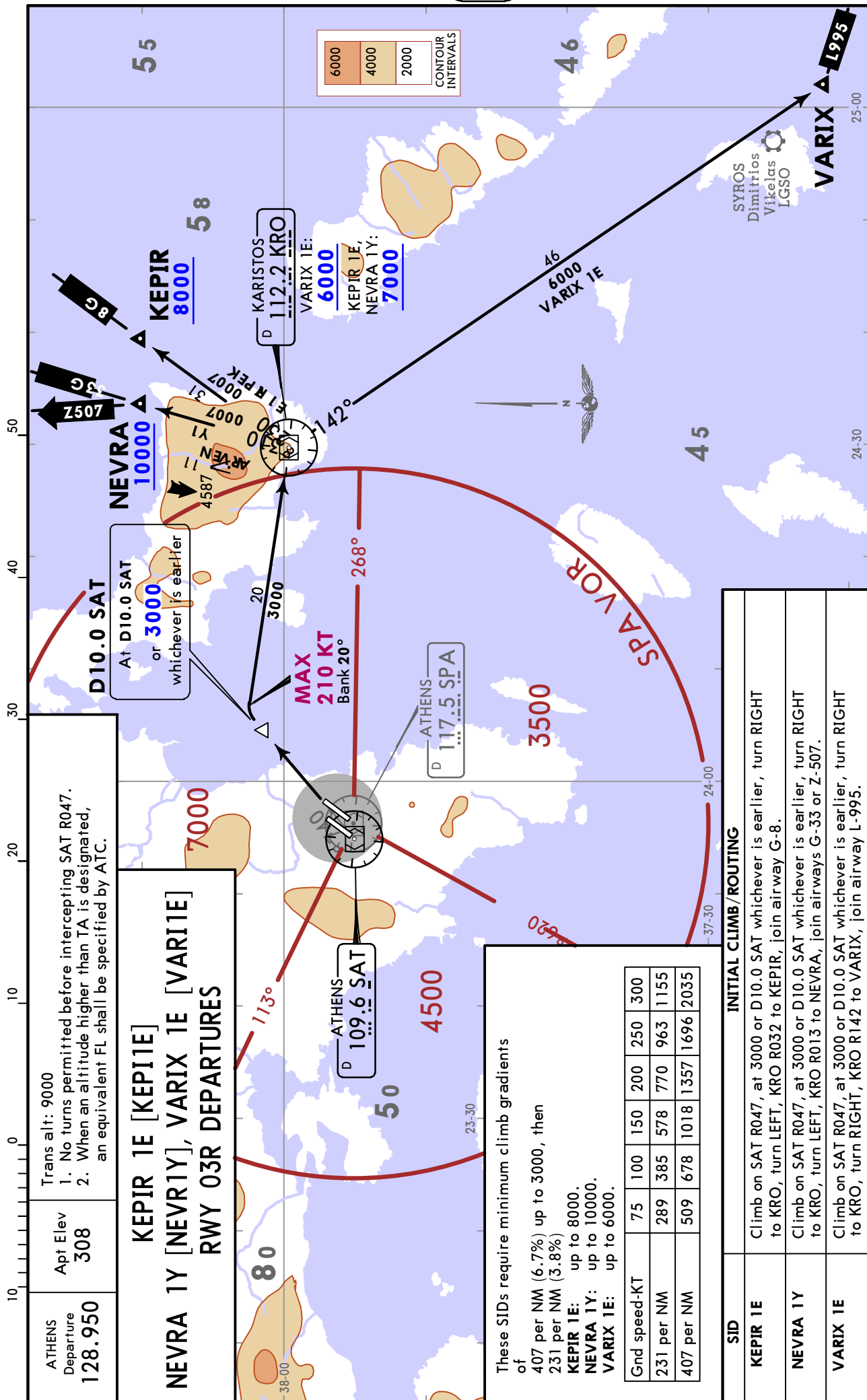
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN

ATHENS, GREECE

13 JUL 18 10-3D

SID



ATHENS
Departure
128.950

Apt Elev
308

Trans alt: 9000

- No turns permitted before intercepting SAT R047.
- When an altitude higher than TA is designated, an equivalent FL shall be specified by ATC.

KEPIR 1E [KEPI1E]
NEVRA 1Y [NEVR1Y], VARIX 1E [VARI1E]
RWY 03R DEPARTURES

These SIDs require minimum climb gradients of

407 per NM (6.7%) up to 3000, then 231 per NM (3.8%)

KEPIR 1E: up to 8000.
NEVRA 1Y: up to 10000.
VARIX 1E: up to 6000.

Gnd speed-KT	75	100	150	200	250	300
231 per NM	289	385	578	770	963	1155
407 per NM	509	678	1018	1357	1696	2035

SID	INITIAL CLIMB/ROUTING
KEPIR 1E	Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT to KRO, turn LEFT, KRO R032 to KEPIR, join airway G-8.
NEVRA 1Y	Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT to KRO, turn LEFT, KRO R013 to NEVRA, join airways G-33 or Z-507.
VARIX 1E	Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT to KRO, turn RIGHT, KRO R142 to VARIX, join airway L-995.

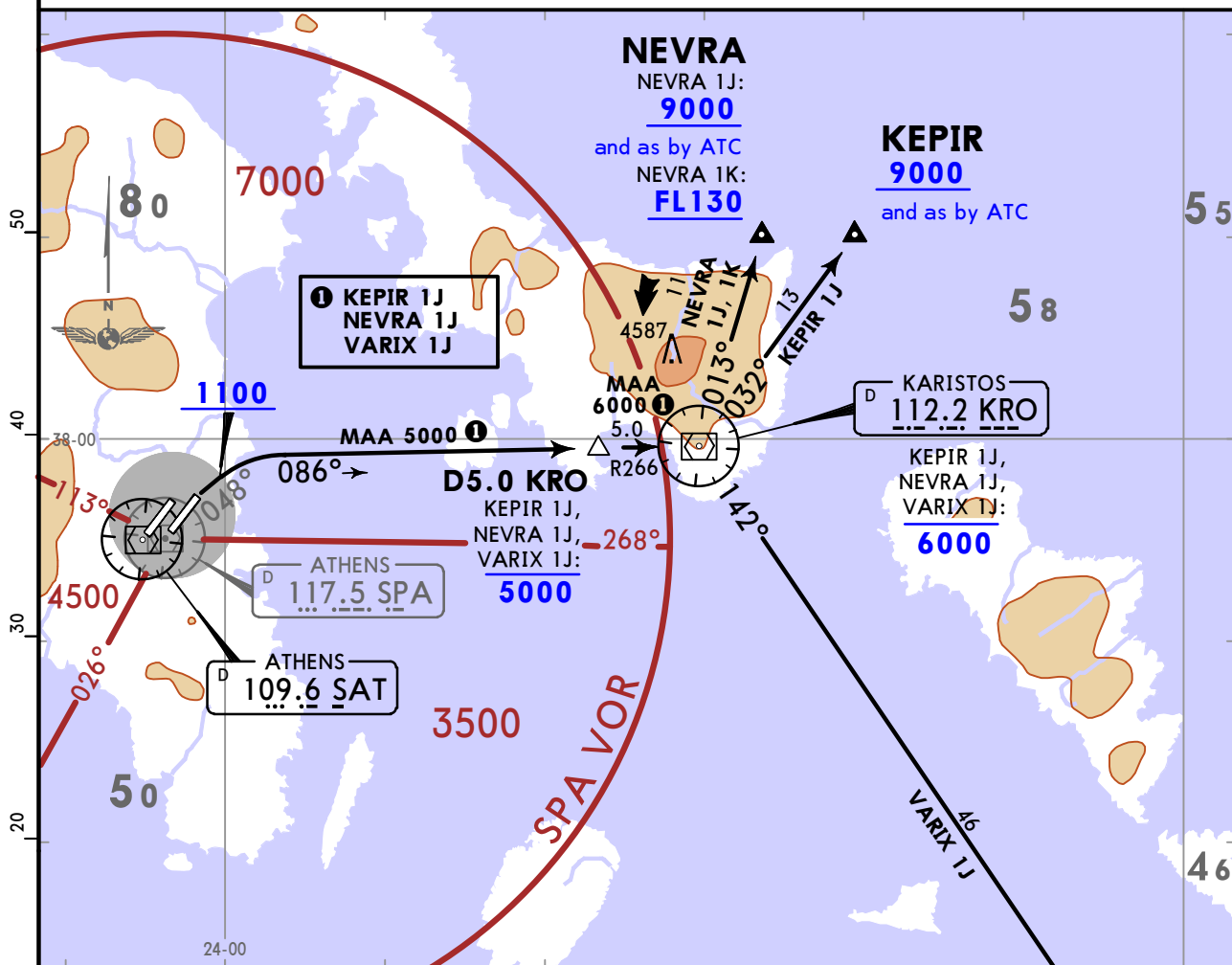
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
13 JUL 18 **(10-3E)**

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 Restrictions in climb to a maximum altitude are applied in case of RADAR failure, lost comms, and, if not otherwise instructed by ATC, in order to obtain vertical separation with simultaneous departure from RWY 03L.
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**KEPIR 1J [KEPI1J]
NEVRA 1J [NEVR1J], NEVRA 1K [NEVR1K]
VARIX 1J [VARI1J]
RWY 03R DEPARTURES**



These SIDs require minimum climb gradients of
KEPIR 1J, NEVRA 1J, VARIX 1J: 304 per NM (5%) up to 6000 for ATC purposes.
NEVRA 1K: 352 per NM (5.8%) up to FL130 for ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
304 per NM	380	507	760	1013	1267	1520
352 per NM	440	587	880	1173	1467	1760

MAX 210 KT for initial turns. Bank angle 15°.

KEPIR 1J, NEVRA 1J, VARIX 1J:	Initial climb clearance	6000
NEVRA 1K:	Initial climb clearance	FL130

INITIAL CLIMB

Climb on SAT R048 to 1100, turn RIGHT, intercept KRO R266 inbound to KRO.

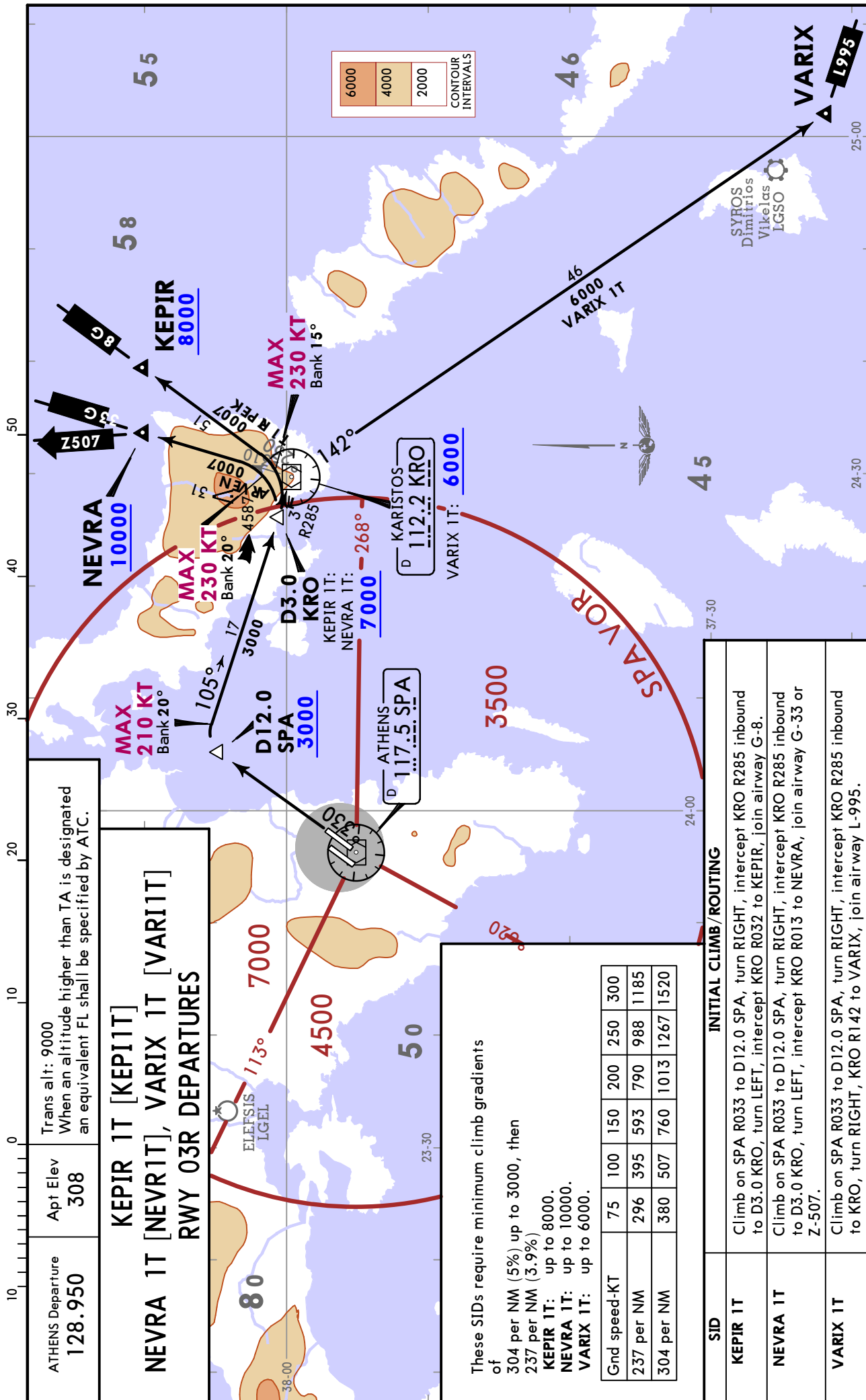
SID	ROUTING
KEPIR 1J	At KRO turn LEFT, KRO R032 to KEPIR.
NEVRA 1J, 1K	At KRO turn LEFT, KRO R013 to NEVRA.
VARIX 1J	At KRO turn RIGHT, KRO R142 to VARIX.

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

13 JUL 18 (10-3E1)

ATHENS, GREECE

SID



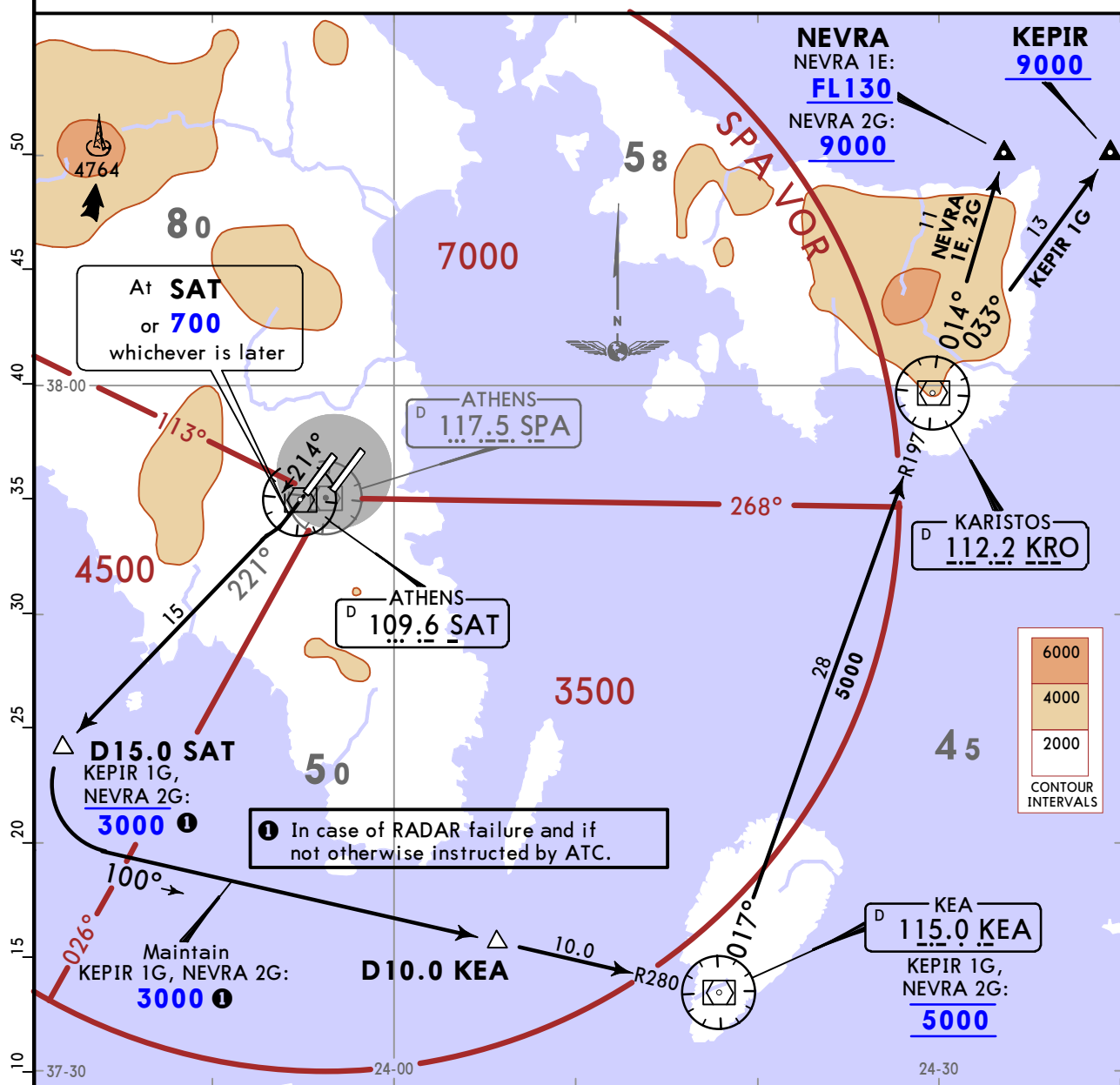
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
13 JUL 18 **(10-3F)**

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 When an altitude higher than TA is designated, an equivalent FL shall be specified by ATC.
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**KEPIR 1G [KEPI1G]
NEVRA 1E [NEVR1E], NEVRA 2G [NEVR2G]
RWY 21R DEPARTURES**



These SIDs require a minimum climb gradient of
KEPIR 1G, NEVRA 2G: 304 per NM (5%).
NEVRA 1E: 304 per NM (5%) up to 3000, then to FL130 for ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
304 per NM	380	506	760	1013	1266	1519

MAX 210 KT for initial turns. Bank angle 15°.

KEPIR 1G, NEVRA 2G: Initial climb clearance **5000**
NEVRA 1E: Initial climb clearance **FL130**

INITIAL CLIMB

Climb on 214° track to SAT or 700 whichever is later, intercept SAT R221 to D15.0 SAT, turn LEFT, intercept KEA R280 inbound to KEA, turn LEFT, KEA R017 to KRO.

SID	ROUTING
KEPIR 1G	At KRO, KRO R033 to KEPIR.
NEVRA 1E, 2G	At KRO, KRO R014 to NEVRA.

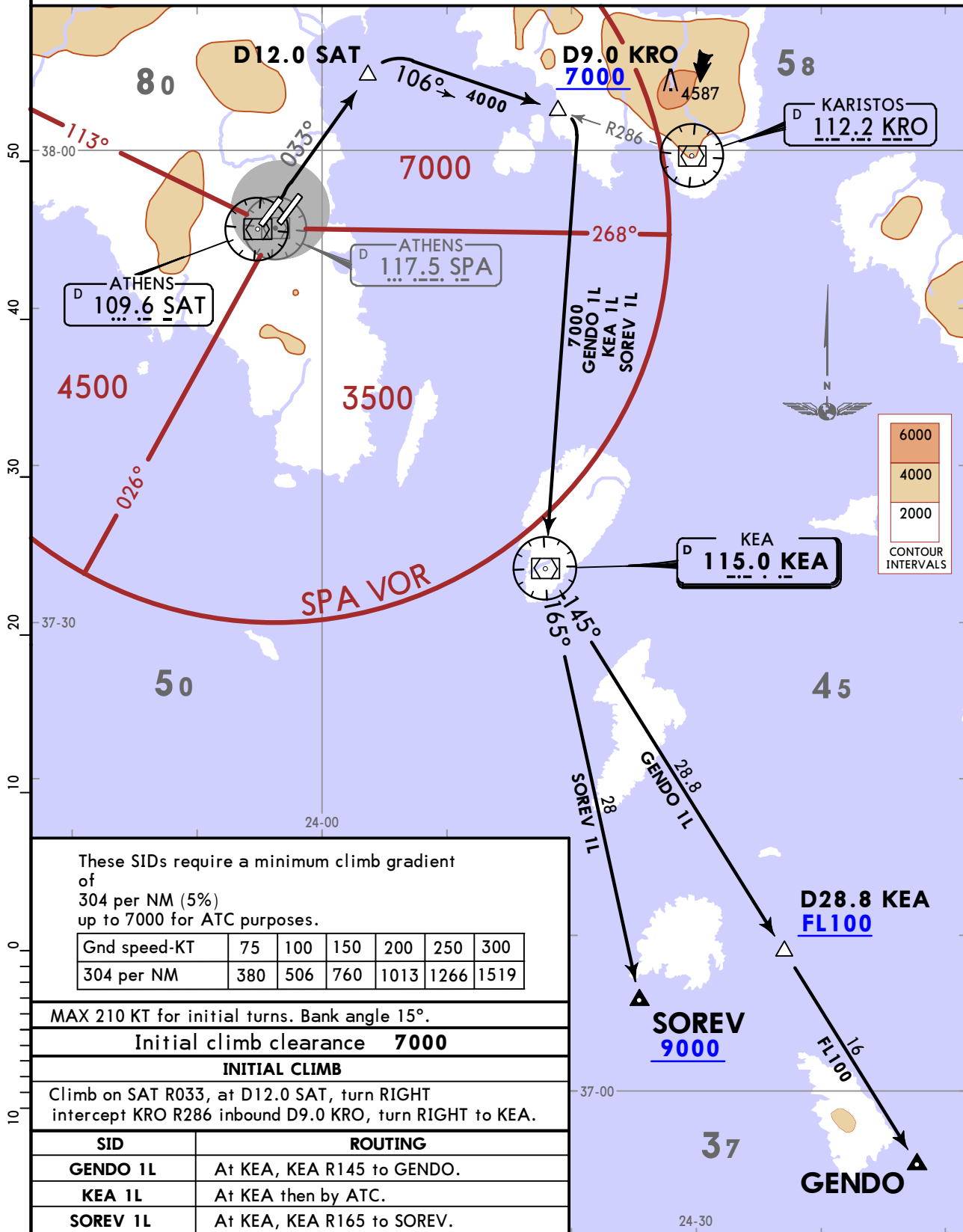
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
13 JUL 18 **(10-3G)**

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 Restrictions in climb to a maximum altitude are applied in case of RADAR failure, lost comms, and, if not otherwise instructed by ATC, in order to obtain vertical separation with simultaneous departure from RWY 03R.
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**GENDO 1L [GEND1L]
KEA 1L [KEA1L]
SOREV 1L [SORE1L]
RWY 03L DEPARTURES**



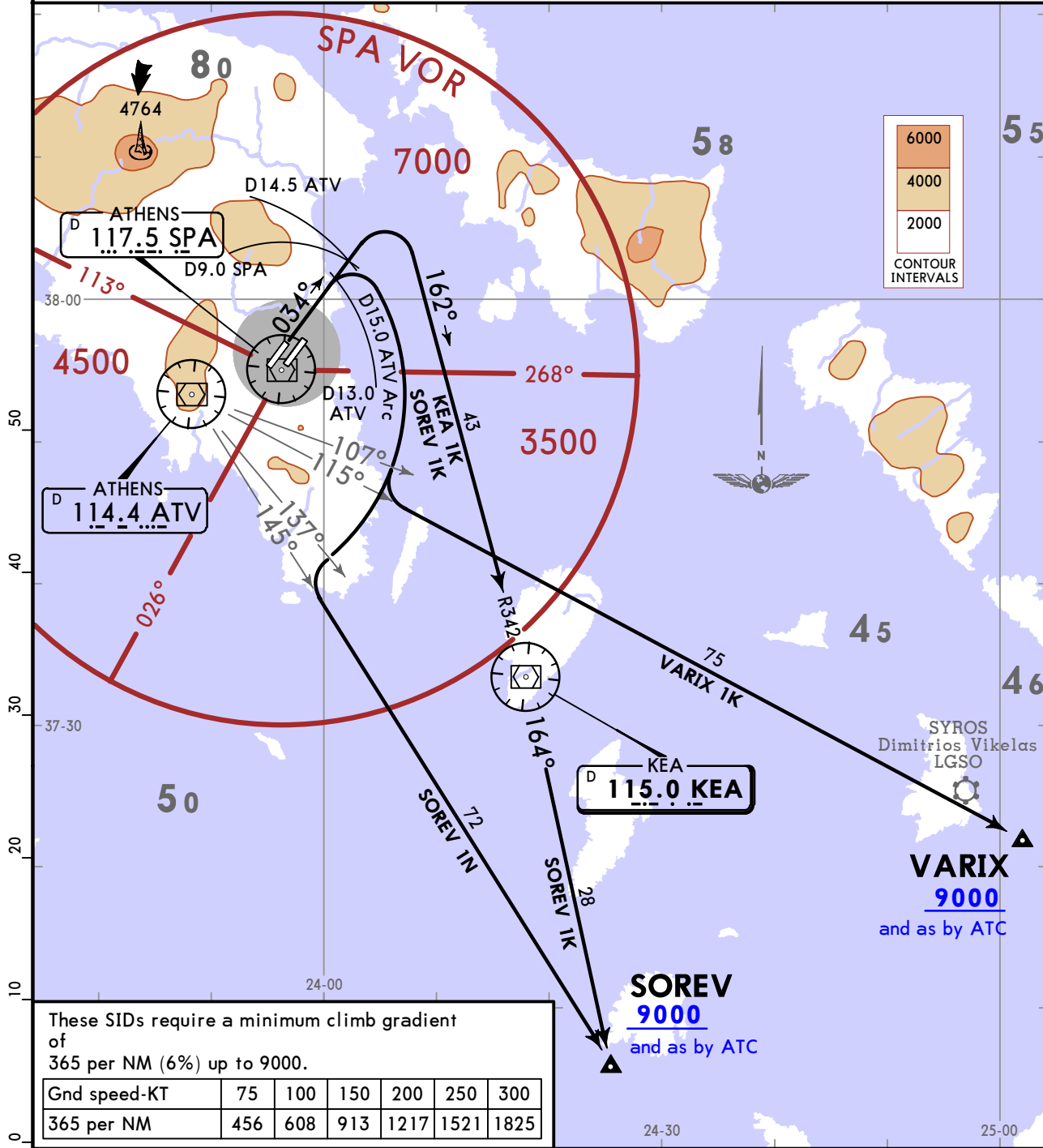
CHANGES: Reissue.

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
 13 JUL 18 **(10-3H)**

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000
KEA 1K [KEA1K] SOREV 1K [SORE1K] SOREV 1N [SORE1N] VARIX 1K [VARI1K] RWY 03L DEPARTURES		



These SIDs require a minimum climb gradient of 365 per NM (6%) up to 9000.

Gnd speed-KT	75	100	150	200	250	300
365 per NM	456	608	913	1217	1521	1825

Initial climb clearance 9000	
SID	INITIAL CLIMB/ROUTING
KEA 1K	Climb on 034° track to D9.0 SPA (D14.5 ATV), turn RIGHT, intercept KEA R342 inbound to KEA and then by ATC.
SOREV 1K	Climb on 034° track to D9.0 SPA (D14.5 ATV), turn RIGHT, intercept KEA R342 inbound to KEA, KEA R164 to SOREV.
SOREV 1N	Climb on 034° track to D13.0 ATV, turn RIGHT, along ATV D15.0 arc, when passing ATV R137 turn LEFT, intercept ATV R145 to SOREV.
VARIX 1K	Climb on 034° track to D13.0 ATV, turn RIGHT, along D15.0 ATV arc, when passing ATV R107 turn LEFT, intercept ATV R115 to VARIX.

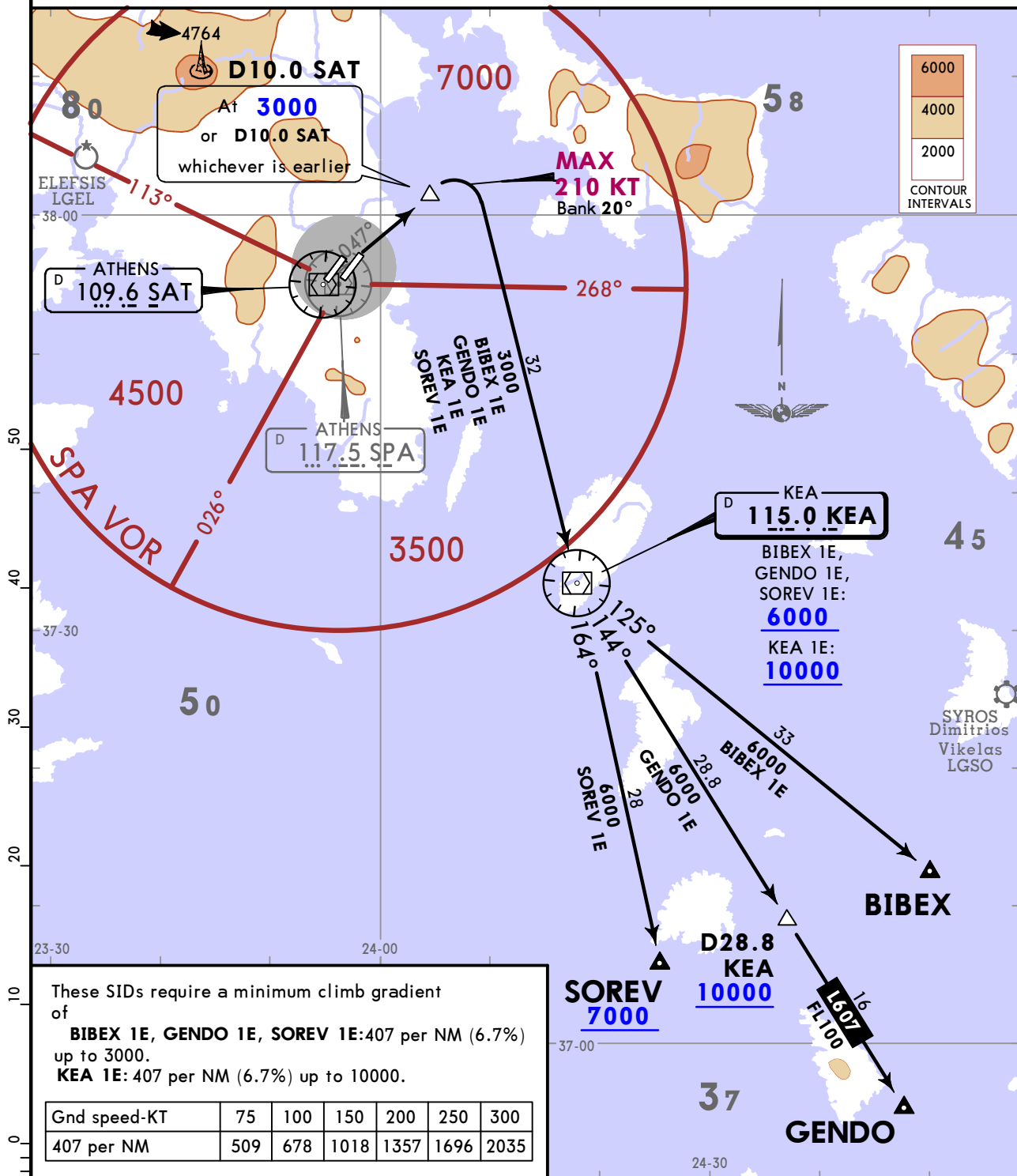
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
13 JUL 18 (10-3J)

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 1. No turns permitted before intercepting SAT R047. 2. When an altitude higher than TA is designated, an equivalent FL shall be specified by ATC.
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**BIBEX 1E [BIBE1E], GENDO 1E [GEND1E]
KEA 1E [KEA1E], SOREV 1E [SORE1E]
RWY 03R DEPARTURES**



These SIDs require a minimum climb gradient of
BIBEX 1E, GENDO 1E, SOREV 1E: 407 per NM (6.7%) up to 3000.
KEA 1E: 407 per NM (6.7%) up to 10000.

Gnd speed-KT	75	100	150	200	250	300
407 per NM	509	678	1018	1357	1696	2035

SID	INITIAL CLIMB/ROUTING
BIBEX 1E	Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT to KEA, turn LEFT, KEA R125 to BIBEX.
GENDO 1E	Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT to KEA, turn LEFT, KEA R144 to join airway L-607 to GENDO.
KEA 1E	Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT to KEA, then as directed by ATC.
SOREV 1E	Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT to KEA, KEA R164 to SOREV.

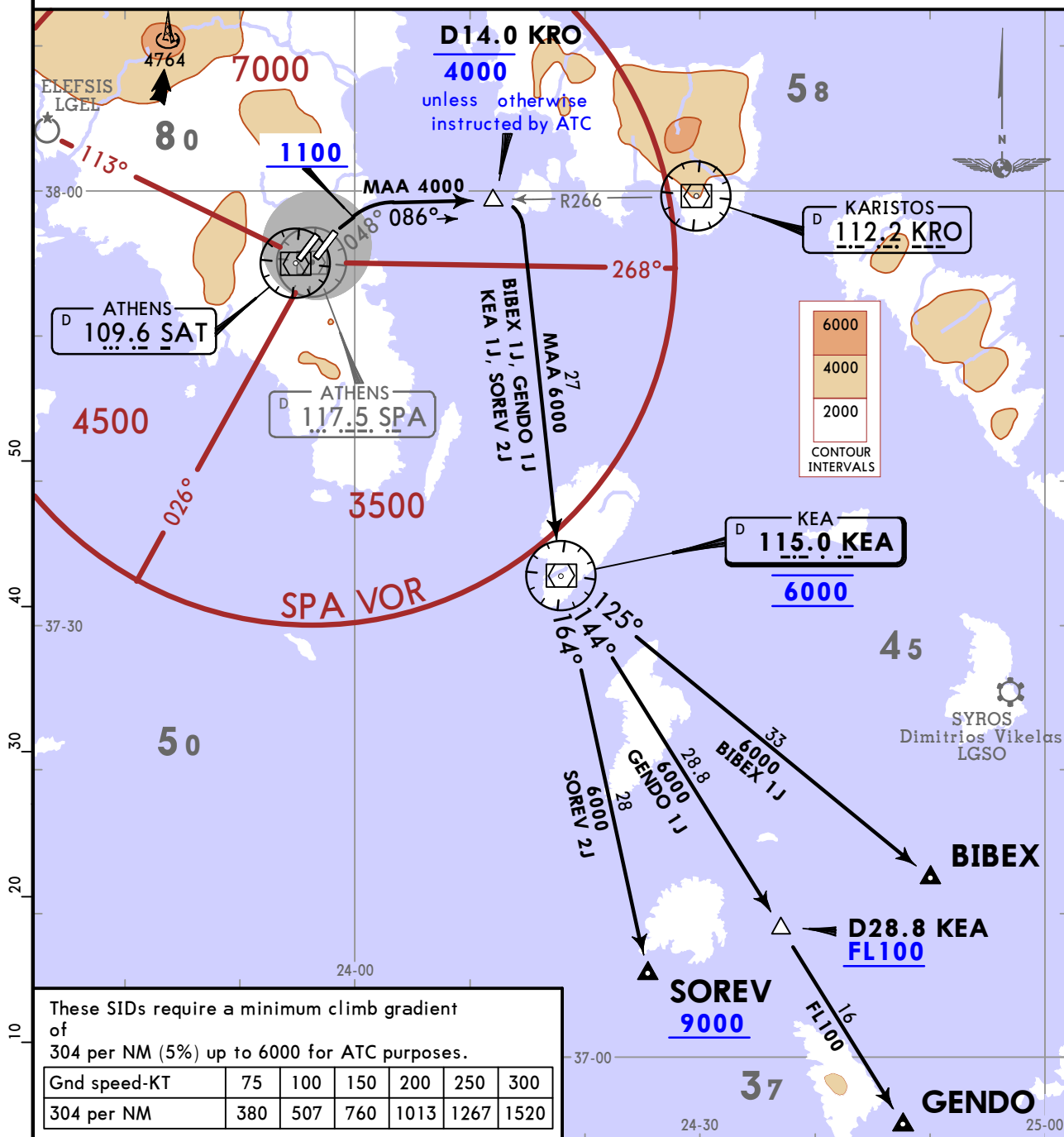
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
13 JUL 18 (10-3J1)

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 Restrictions in climb to a maximum altitude are applied in case of RADAR failure, lost comms, and, if not otherwise instructed by ATC, in order to obtain vertical separation with simultaneous departure from RWY 03L.
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**BIBEX 1J [BIBE1J], GENDO 1J [GEND1J], KEA 1J [KEA1J]
SOREV 2J [SORE2J]
RWY 03R DEPARTURES**



These SIDs require a minimum climb gradient of 304 per NM (5%) up to 6000 for ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
304 per NM	380	507	760	1013	1267	1520

MAX 210 KT for initial turns. Bank angle 15°.

Initial climb clearance 6000

INITIAL CLIMB

Climb on SAT R048 to 1100, turn RIGHT, intercept KRO R266 inbound to D14.0 KRO, turn RIGHT to KEA climbing to 6000.

SID	ROUTING
BIBEX 1J ①	At KEA, KEA R125 to BIBEX.
GENDO 1J	At KEA, KEA R144 to GENDO.
KEA 1J	At KEA then by ATC.
SOREV 2J	At KEA, KEA R164 to SOREV.

① To be used for destination to LGPA.
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LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

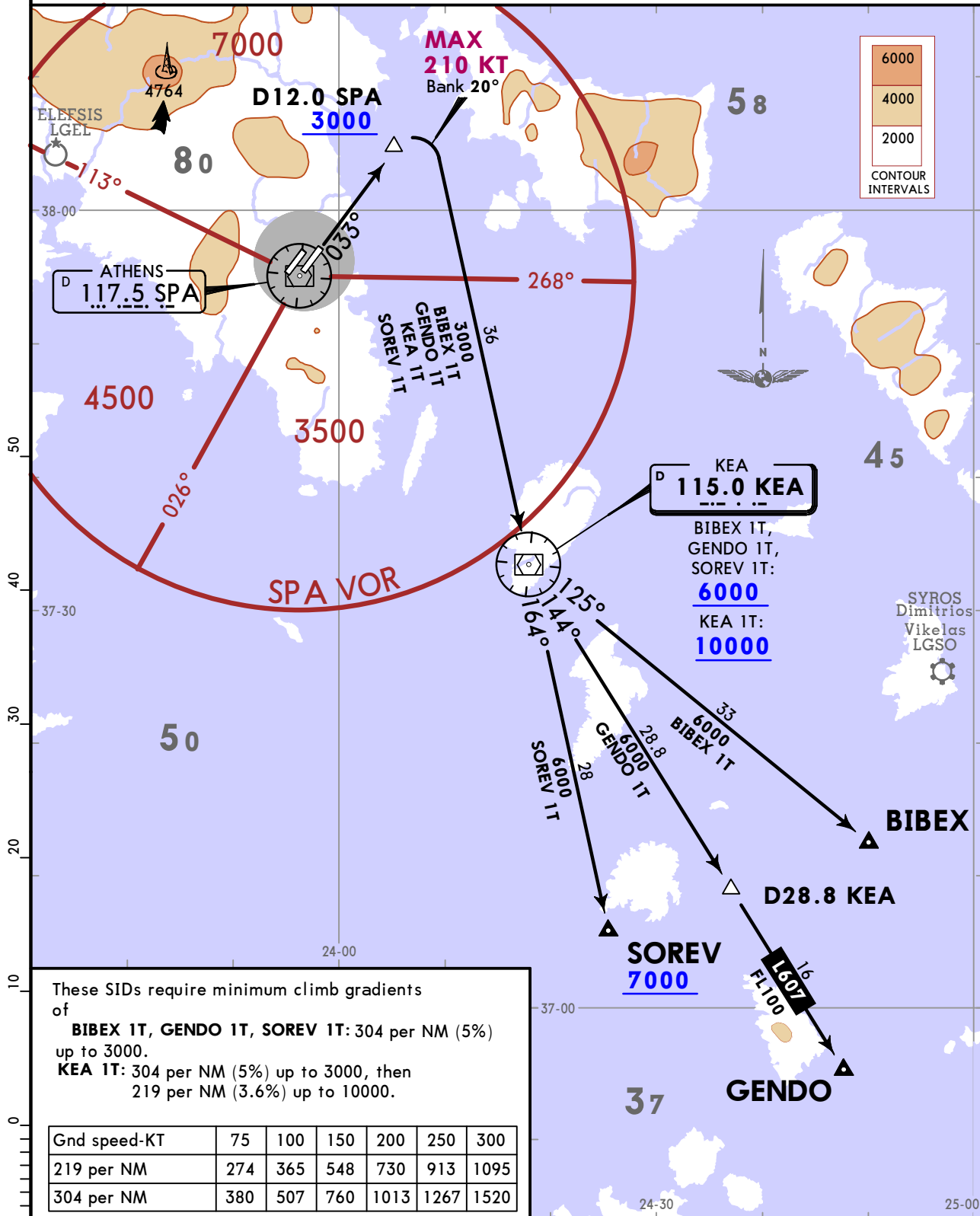
JEPPESEN
13 JUL 18 (10-3J2)

ATHENS, GREECE

SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 When an altitude higher than TA is designated an equivalent FL shall be specified by ATC.
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**BIBEX 1T [BIBE1T], GENDO 1T [GEND1T]
KEA 1T [KEA1T], SOREV 1T [SORE1T]
RWY 03R DEPARTURES**



These SIDs require minimum climb gradients of

BIBEX 1T, GENDO 1T, SOREV 1T: 304 per NM (5%) up to 3000.

KEA 1T: 304 per NM (5%) up to 3000, then 219 per NM (3.6%) up to 10000.

Gnd speed-KT	75	100	150	200	250	300
219 per NM	274	365	548	730	913	1095
304 per NM	380	507	760	1013	1267	1520

SID	INITIAL CLIMB/ROUTING
BIBEX 1T	Climb on SPA R033 to D12.0 SPA, turn RIGHT to KEA, turn LEFT, KEA R125 to BIBEX.
GENDO 1T	Climb on SPA R033 to D12.0 SPA, turn RIGHT to KEA, turn LEFT, KEA R144 to join airway L-607 to GENDO.
KEA 1T	Climb on SPA R033 to D12.0 SPA, turn RIGHT to KEA, then as directed by ATC.
SOREV 1T	Climb on SPA R033 to D12.0 SPA, turn RIGHT to KEA, KEA R164 to SOREV.

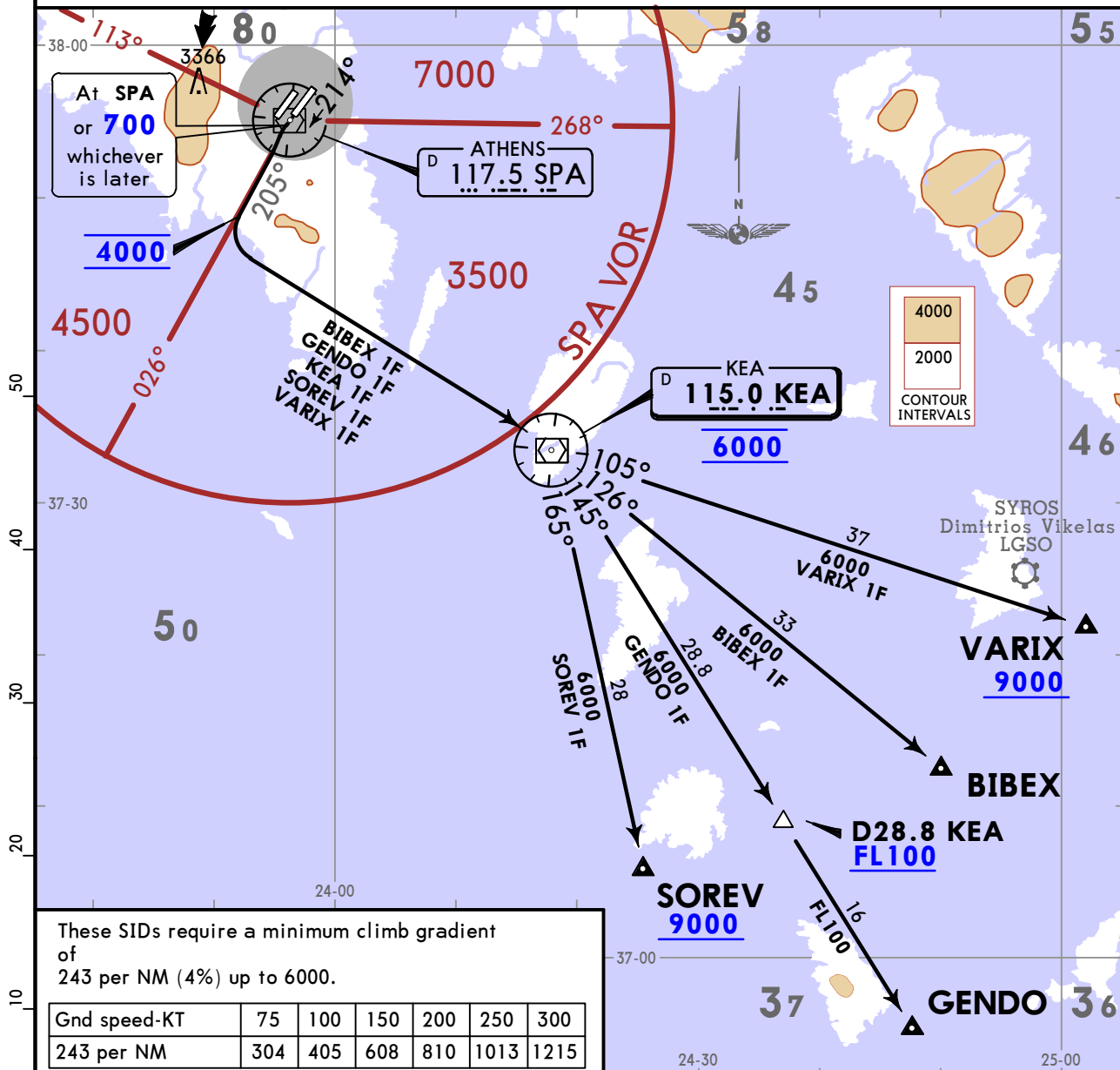
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
 13 JUL 18 **10-3K**

ATHENS, GREECE
SID

ATHENS Departure 128.95	Apt Elev 308	Trans alt: 9000 When an altitude higher than TA is designated, an equivalent FL shall be specified by ATC.
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BIBEX 1F [BIBE1F]
GENDO 1F [GEND1F]
KEA 1F [KEA1F], SOREV 1F [SORE1F]
VARIX 1F [VARI1F]
RWY 21L DEPARTURES



These SIDs require a minimum climb gradient of 243 per NM (4%) up to 6000.

Gnd speed-KT	75	100	150	200	250	300
243 per NM	304	405	608	810	1013	1215

MAX 210 KT for initial turns. Bank angle 15°.

Initial climb clearance 6000

INITIAL CLIMB

Climb on 214° track to SPA or 700, whichever is later, intercept SPA R205, at 4000 turn LEFT to KEA climbing to 6000.

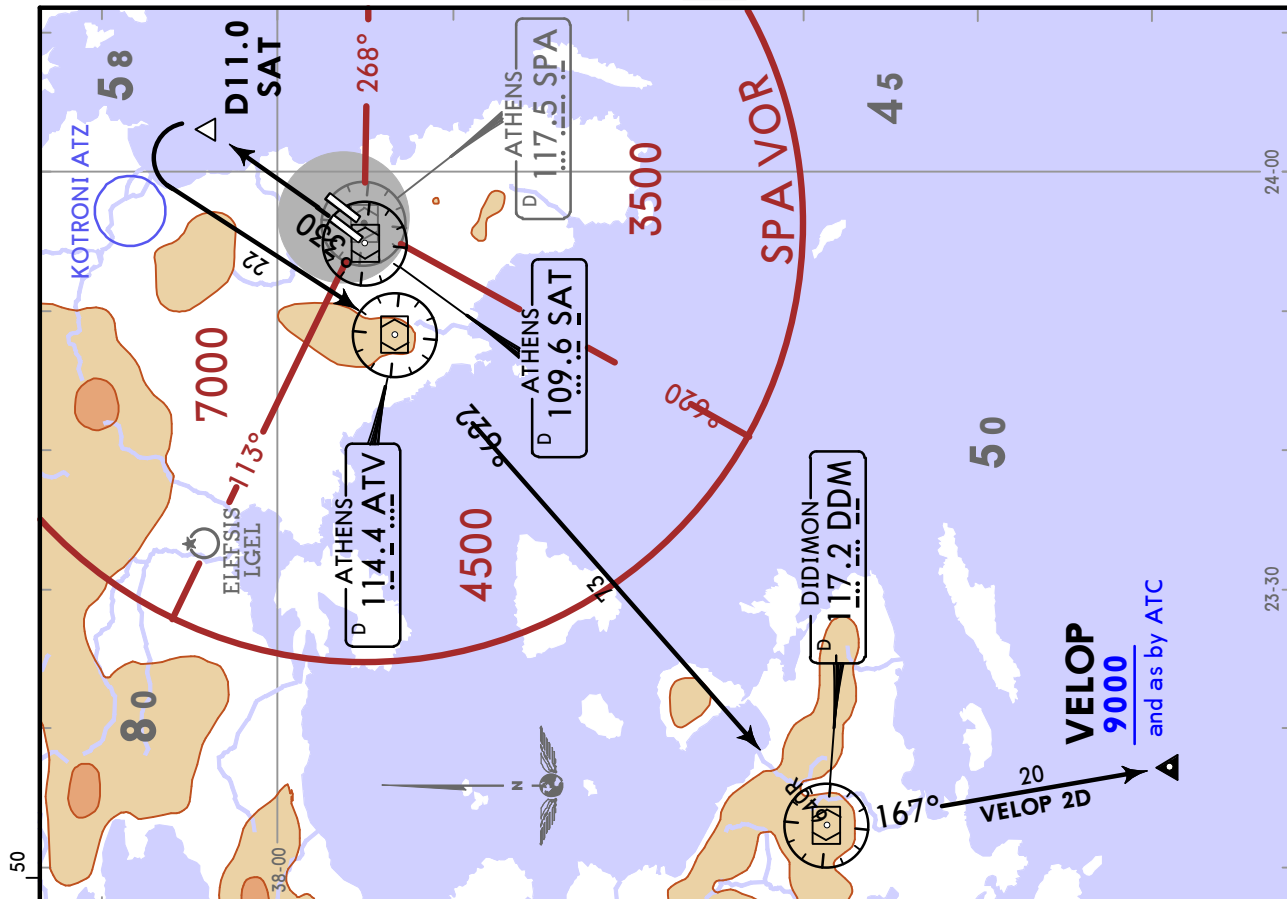
SID	ROUTING
BIBEX 1F ①	At KEA, KEA R126 to BIBEX.
GENDO 1F	At KEA, KEA R145 to GENDO.
KEA 1F	At KEA then by ATC.
SOREV 1F	At KEA, KEA R165 to SOREV.
VARIX 1F	At KEA, KEA R105 to VARIX.

① To be used for destination to LGPR.
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LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
13 JUL 18 (10-3M)

ATHENS, GREECE
SID



ATHENS Departure
128.950

Apt Elev
308

Trans alt: 9000
When RWYs 03L/R in use EXPECT to depart from RWY 03L with a clearance to follow SID with a LEFT turn out. Flights unable to comply with the required climb gradient shall inform ATC as soon as possible, a departure from RWY 03R can be EXPECTED.

ASTOV 2D [ASTO2D]
VELOP 2D [VELO2D]
RWY 03L DEPARTURES
BASED ON ATV

ASTOV
FL100
and as by ATC

VELOP
9000
and as by ATC

D18.0 DDM
9000

D11.0 SAT
9000

VELOP 2D
9000
and as by ATC

These SIDs require minimum climb gradients of

346 per NM (5.7%) up to 5200,	75	100	150	200	250	300
425 per NM (7%) up to 6000 when NW quadrant of KOTRONI ATZ is active.	433	577	865	1153	1442	1730
	531	708	1063	1417	1771	2125

MAX 240 KT for turns. Bank angle 25°.

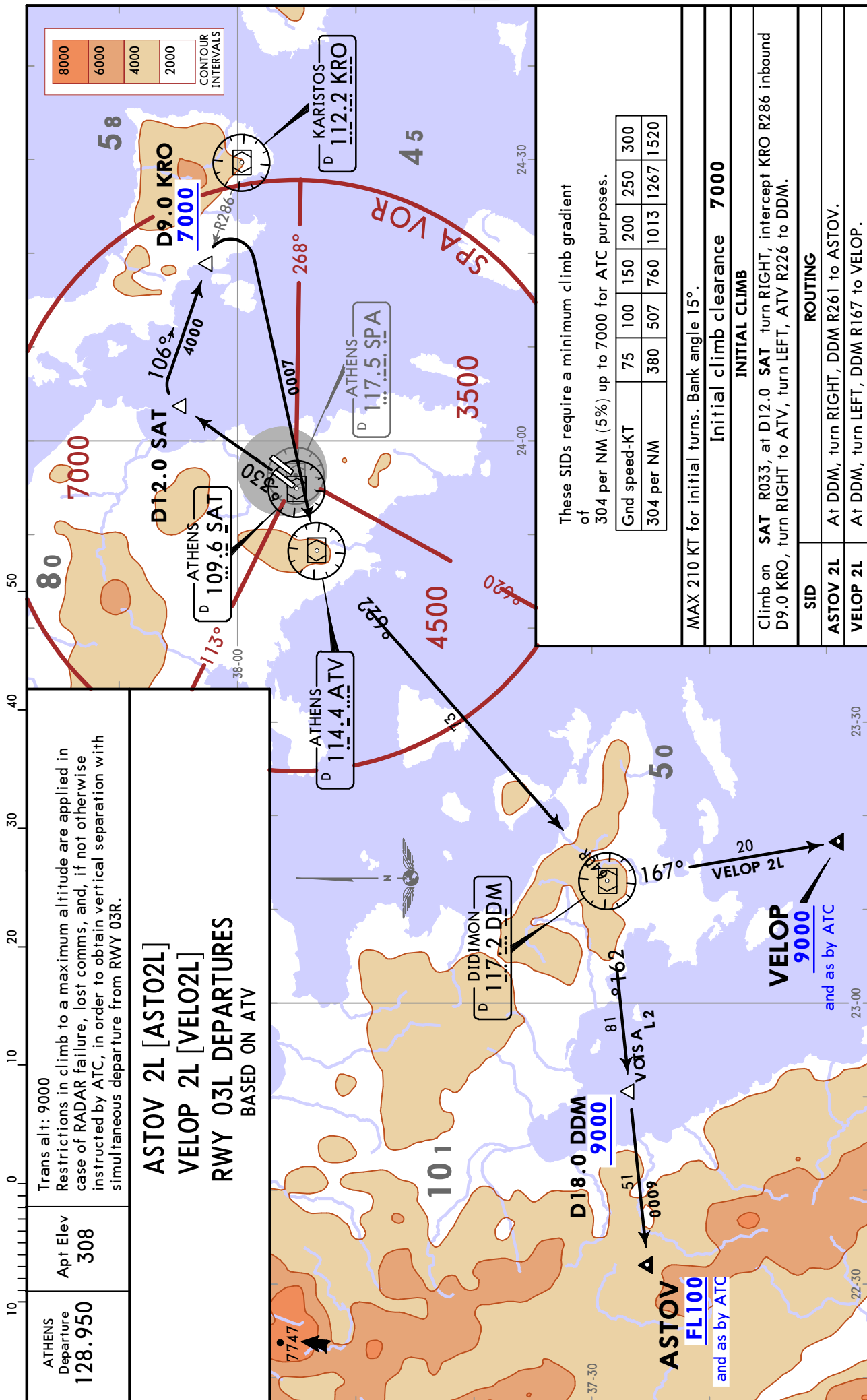
ASTOV 2D: Initial climb clearance	FL100
VELOP 2D: Initial climb clearance	9000
INITIAL CLIMB/ROUTING	
ASTOV 2D	Climb on SAT R033, at D11.0 SAT turn LEFT to ATV, ATV R226 to DDM, turn RIGHT, DDM R261 to ASTOV.
VELOP 2D	Climb on SAT R033, at D11.0 SAT turn LEFT to ATV, ATV R226 to DDM, turn LEFT, DDM R167 to VELOP.

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL 13 JUL 18

JEPPesen
10-3N

ATHENS, GREECE

SID



ATHENS
Departure
128.950

Apt Elev
308

Trans alt: 9000
Restrictions in climb to a maximum altitude are applied in case of RADAR failure, lost comms, and, if not otherwise instructed by ATC, in order to obtain vertical separation with simultaneous departure from RWY 03R.

ASTOV 2L [ASTO2L]
VELOP 2L [VELO2L]
RWY 03L DEPARTURES
BASED ON ATV

These SIDs require a minimum climb gradient of 304 per NM (5%) up to 7000 for ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
304 per NM	380	507	760	1013	1267	1520

MAX 210 KT for initial turns. Bank angle 15°.	
Initial climb clearance 7000	
INITIAL CLIMB	
Climb on SAT R033, at D12.0 SAT turn RIGHT, intercept KRO R286 inbound D9.0 KRO, turn RIGHT to ATV, turn LEFT, ATV R226 to DDM.	
SID	ROUTING
ASTOV 2L	At DDM, turn RIGHT, DDM R261 to ASTOV.
VELOP 2L	At DDM, turn LEFT, DDM R167 to VELOP.

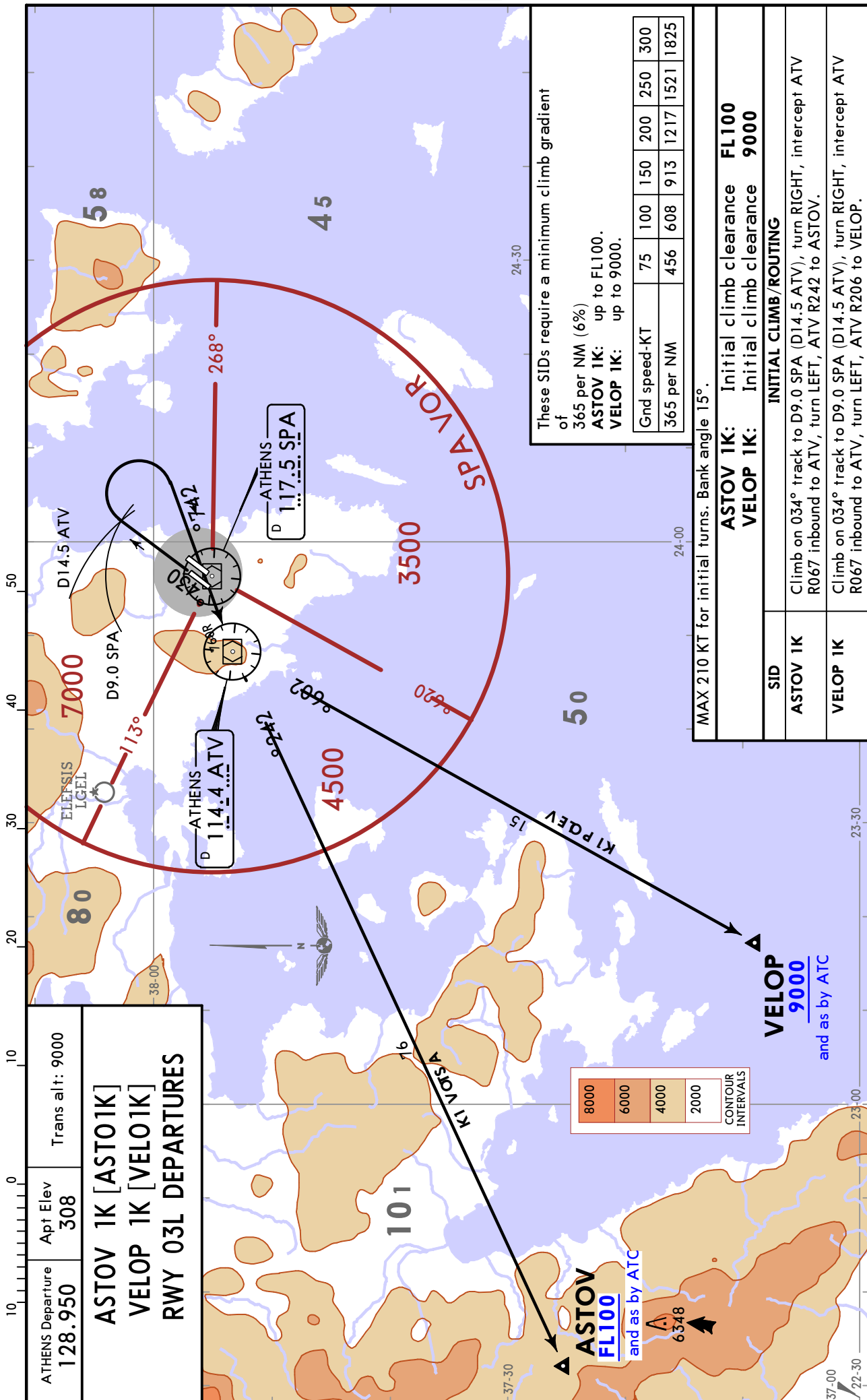
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

13 JUL 18 (10-3P)



ATHENS, GREECE

SID

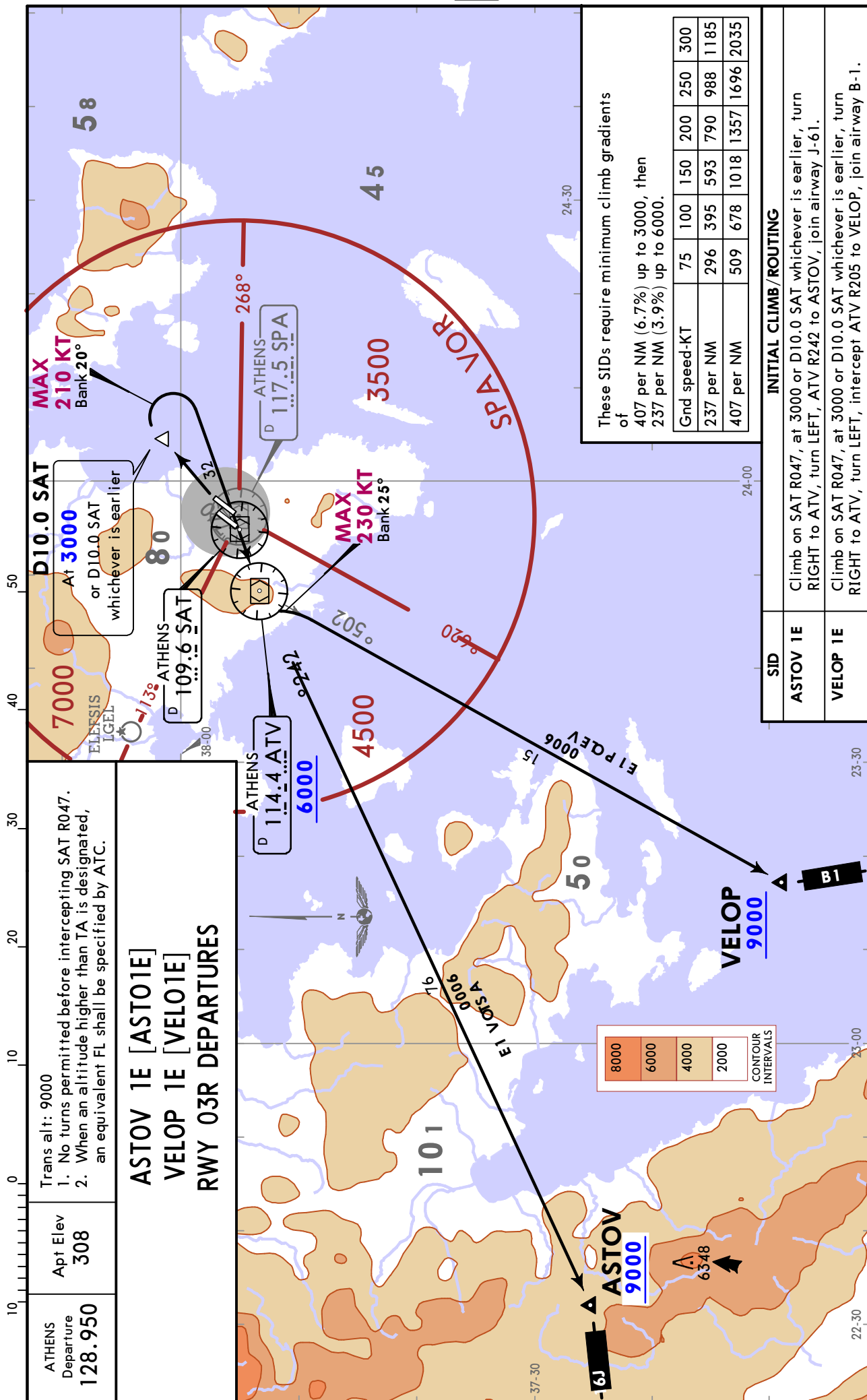


LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
 13 JUL 18 **10-3Q**

ATHENS, GREECE

SID



Trans alt: 9000
 1. No turns permitted before intercepting SAT R047.
 2. When an altitude higher than TA is designated, an equivalent FL shall be specified by ATC.

**ASTOV 1E [ASTO1E]
 VELOP 1E [VELO1E]
 RWY 03R DEPARTURES**

ATHENS
 Departure
128.950

Apt Elev
308

These SIDs require minimum climb gradients of 407 per NM (6.7%) up to 3000, then 237 per NM (3.9%) up to 6000.

Gnd speed-KT	75	100	150	200	250	300
237 per NM	296	395	593	790	988	1185
407 per NM	509	678	1018	1357	1696	2035

SID	INITIAL CLIMB/ROUTING
ASTOV 1E	Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT to ATV, turn LEFT, ATV R242 to ASTOV, join airway J-61.
VELOP 1E	Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT to ATV, turn LEFT, intercept ATV R205 to VELOP, join airway B-1.

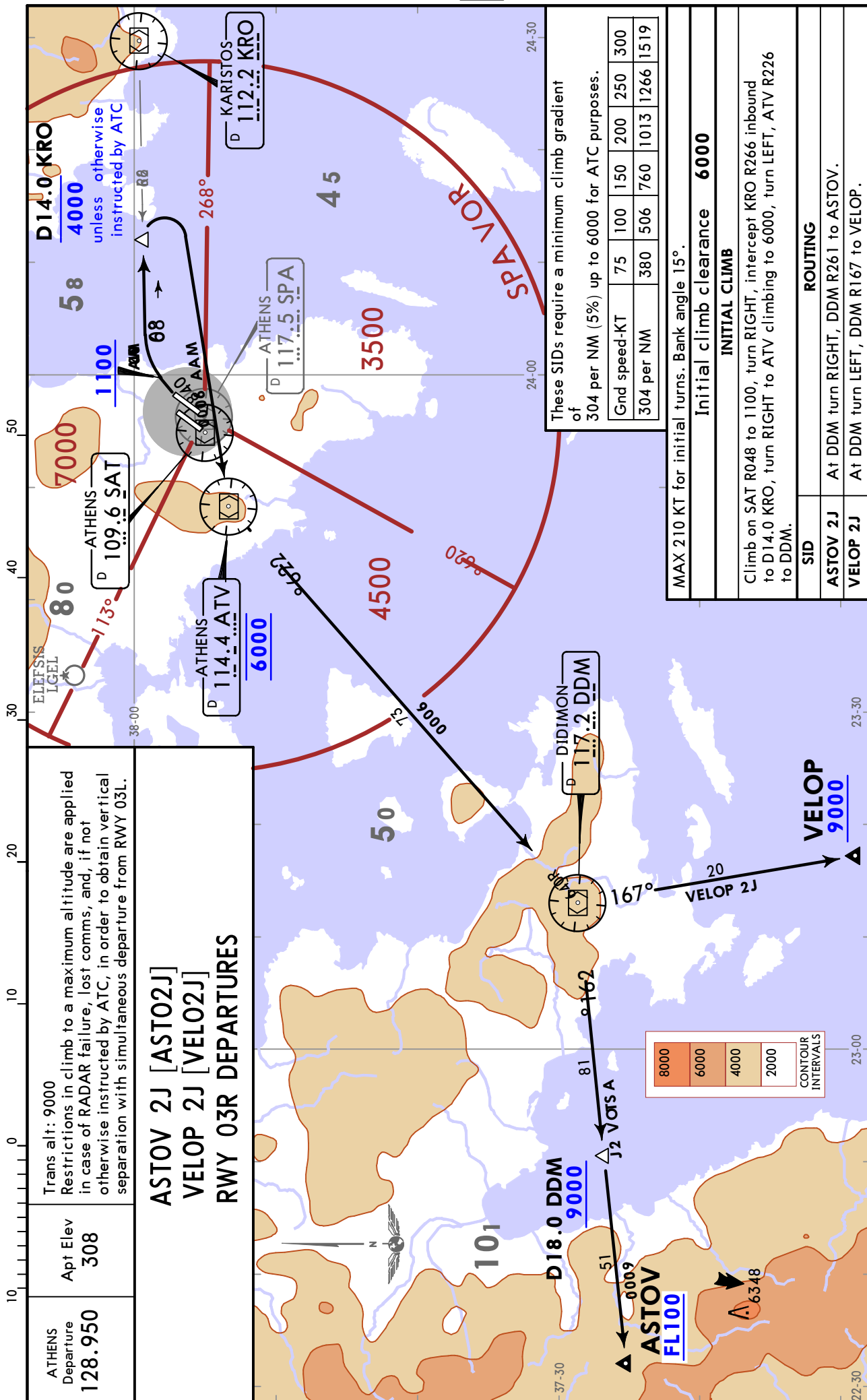
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

13 JUL 18 (10-3S)



ATHENS, GREECE

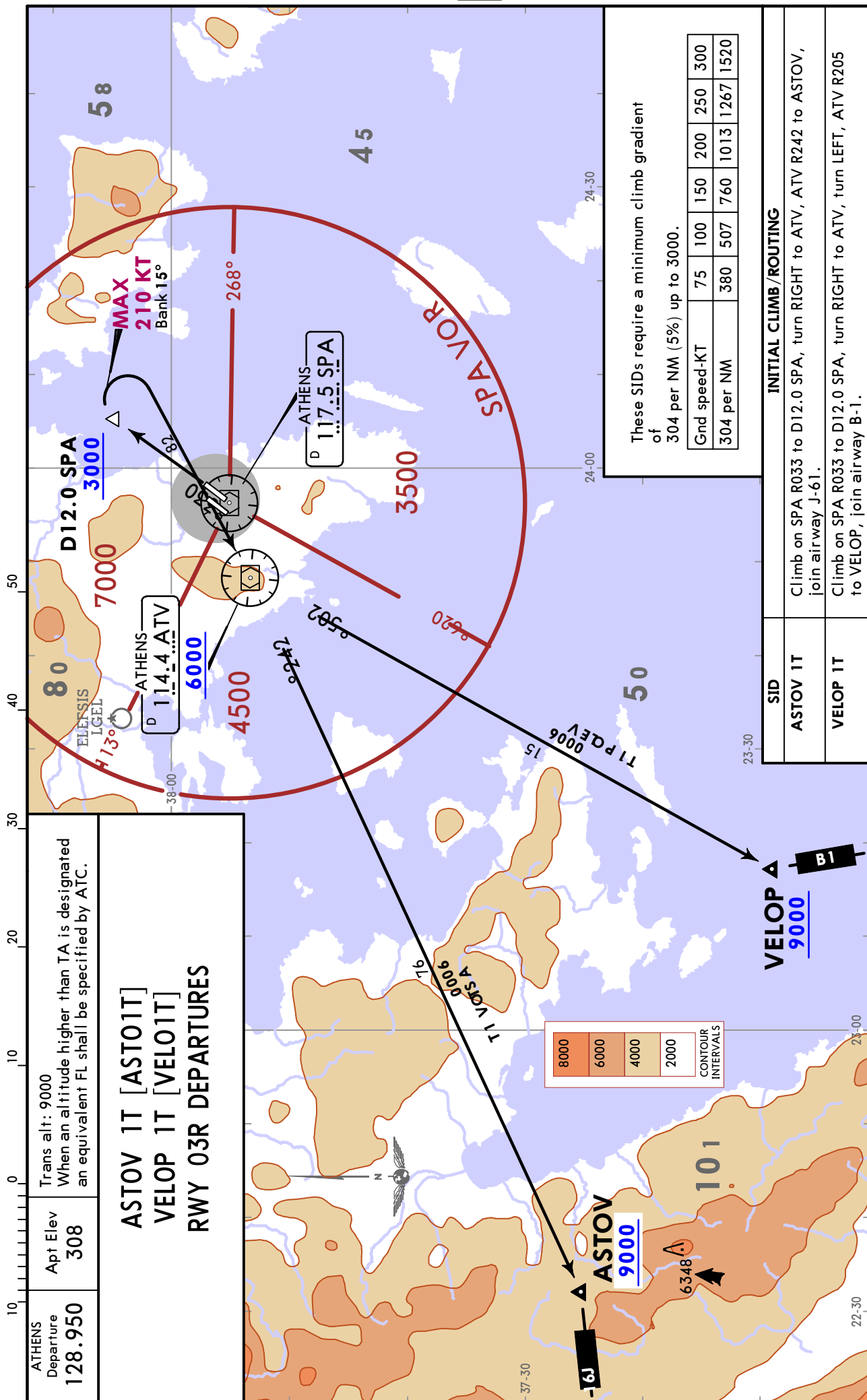
SID



LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
13 JUL 18 **10-3T**

ATHENS, GREECE
SID

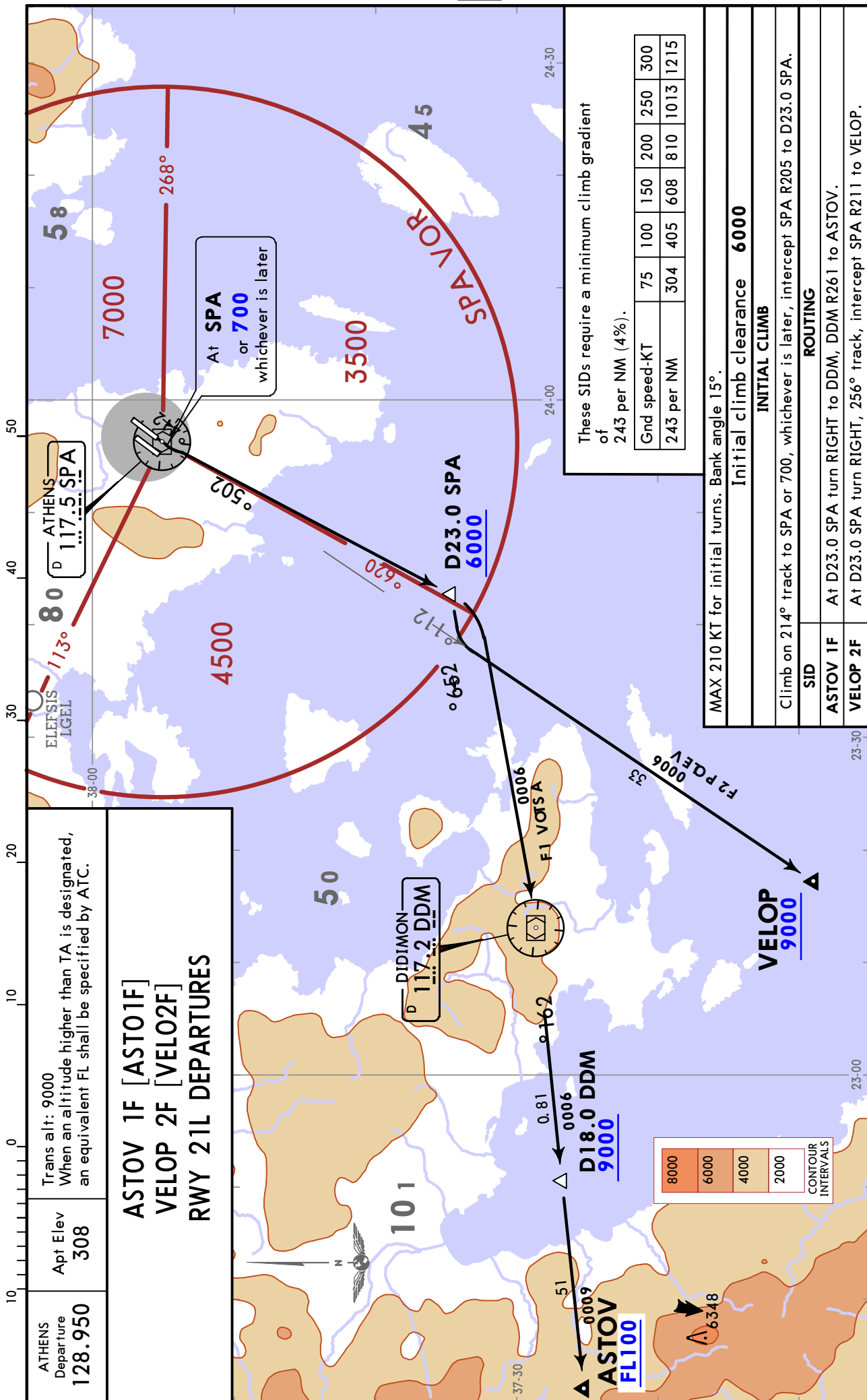


LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
13 JUL 18 (10-3U)

ATHENS, GREECE

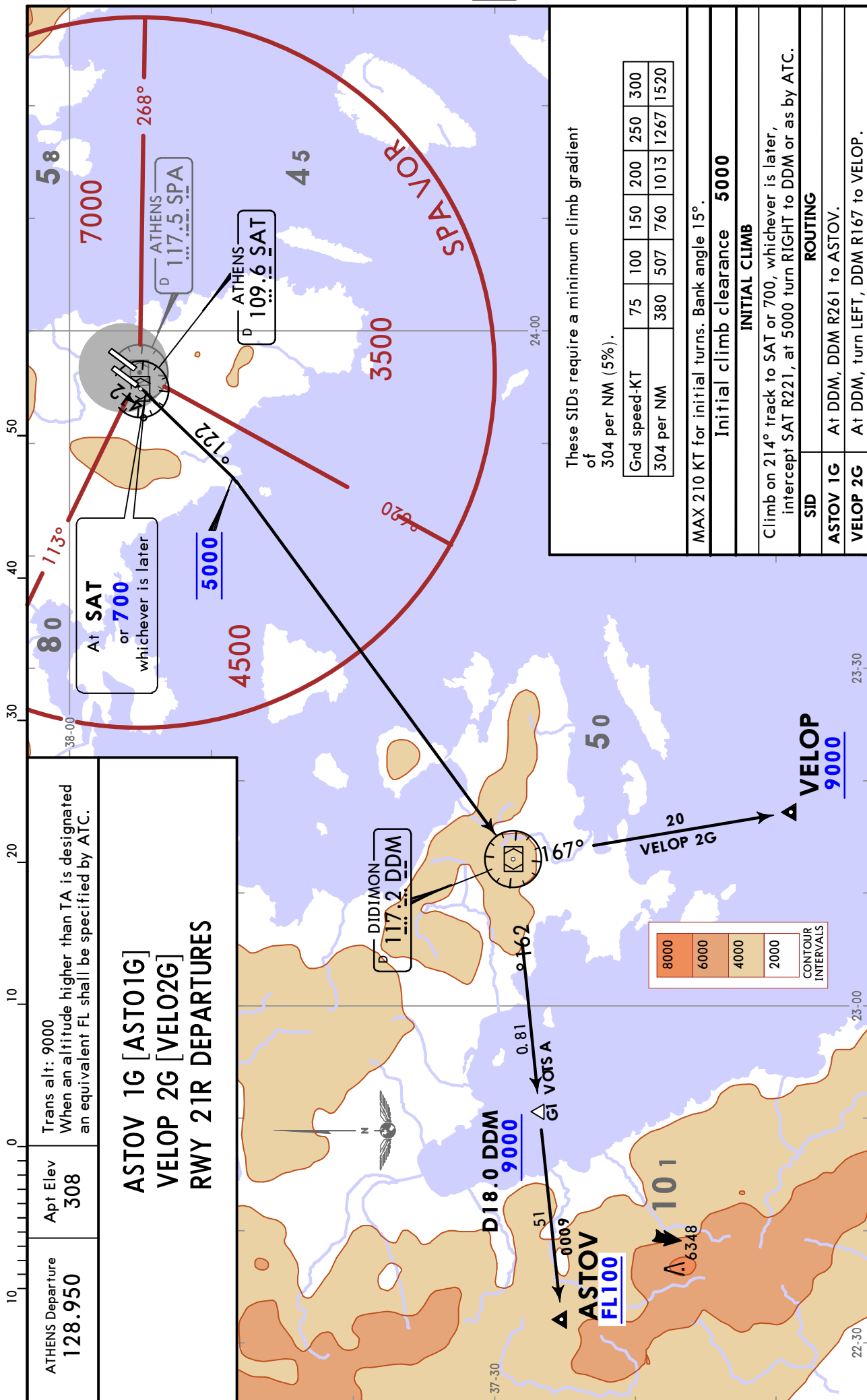
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LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
13 JUL 18 (10-3V)

ATHENS, GREECE
SID



ATHENS Departure
128.950

Trans alt: 9000
When an altitude higher than TA is designated
an equivalent FL shall be specified by ATC.

ASTOV 1G [ASTO1G]
VELOP 2G [VELO2G]
RWY 21R DEPARTURES

Apf Elev
308

These SIDs require a minimum climb gradient of 304 per NM (5%).

Gnd speed-KT	75	100	150	200	250	300
304 per NM	380	507	760	1013	1267	1520

MAX 210 KT for initial turns. Bank angle 15°.

Initial climb clearance **5000**

INITIAL CLIMB

Climb on 214° track to SAT or 700, whichever is later, intercept SAT R221, at 5000 turn RIGHT to DDM or as by ATC.

SID	ROUTING
ASTOV 1G	At DDM, DDM R261 to ASTOV.
VELOP 2G	At DDM, turn LEFT, DDM R167 to VELOP.

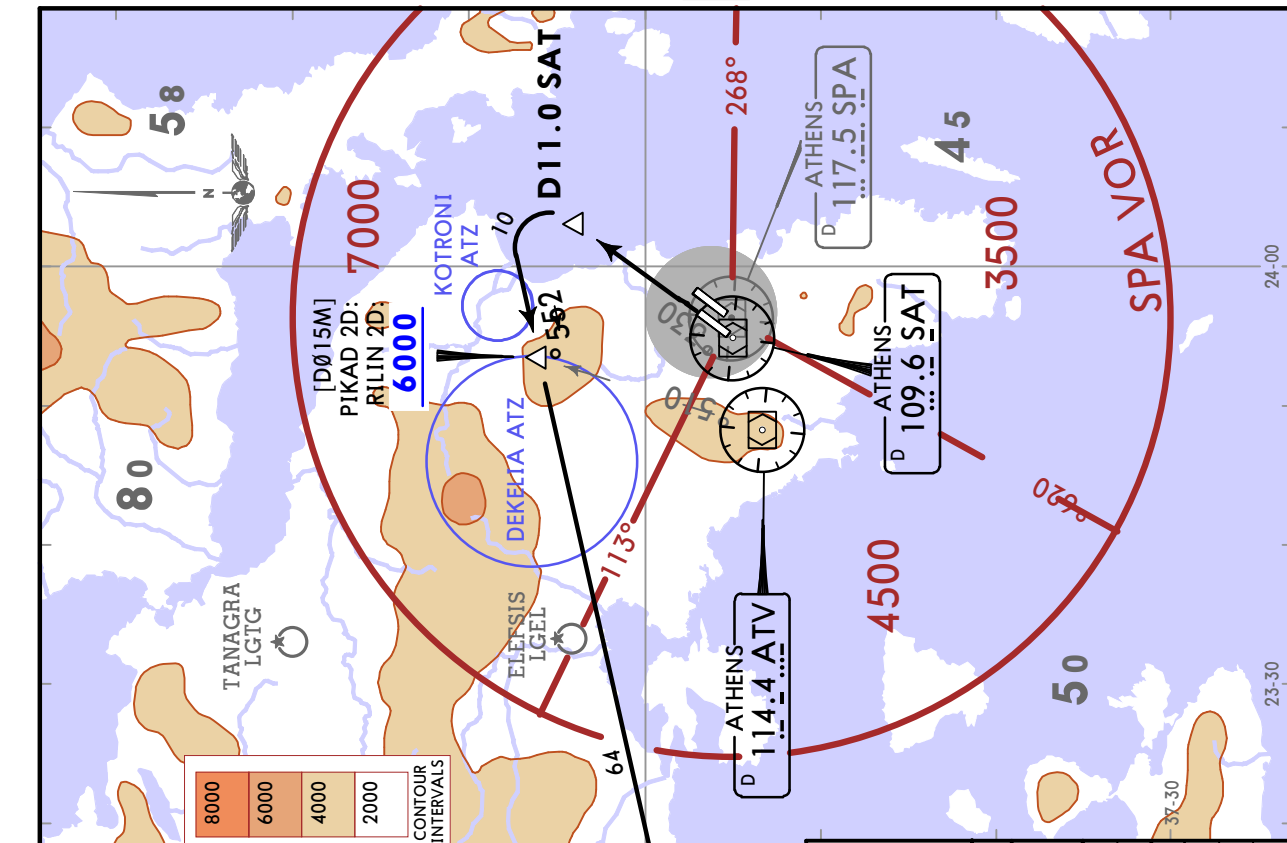
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

13 JUL 18 (10-3V1)

JEPPesen

ATHENS, GREECE

SID

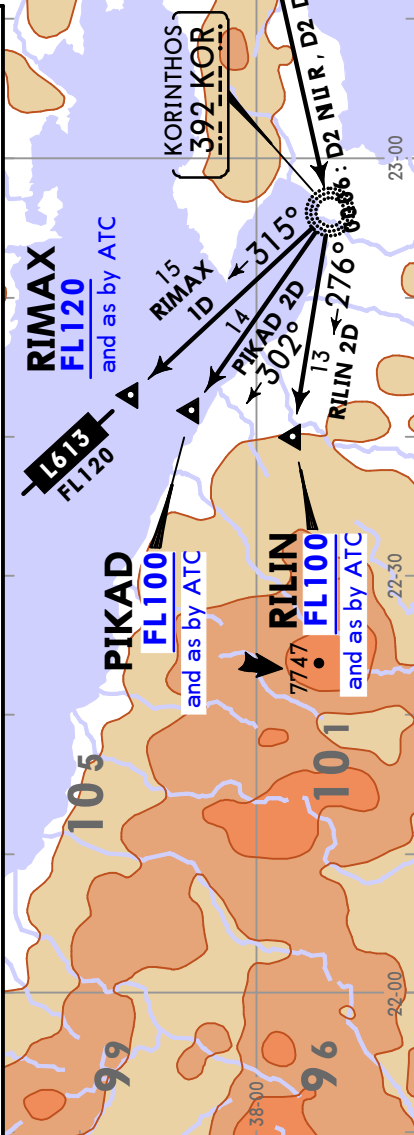


ATHENS
Departure
128.950

Apt Elev
308

Trans alt: 9000
When RWYs 03L/R in use EXPECT to depart from RWY 03L with a clearance to follow SID with a LEFT turn out. Flights unable to comply with the required climb gradient shall inform ATC as soon as possible, a departure from RWY 03R can be EXPECTED.

PIKAD 2D [PIKA2D], RILIN 2D [RILI2D], RIMAX 1D [RIMA1D]
RWY 03L DEPARTURES
BASED ON ATV



These SIDs require minimum climb gradients of

Gnd speed-KT	75	100	150	200	250	300
346 per NM (5.7%) up to 5200,	433	577	866	1155	1443	1732
425 per NM (7%) up to 6000 when NW quadrant of KOTRONI ATZ is active.	532	709	1063	1418	1772	2127

MAX 240 KT for initial turns. Bank angle 25°.

PIKAD 2D, RILIN 2D: Initial climb clearance **FL100**
RIMAX 1D: Initial climb clearance **FL120**

INITIAL CLIMB

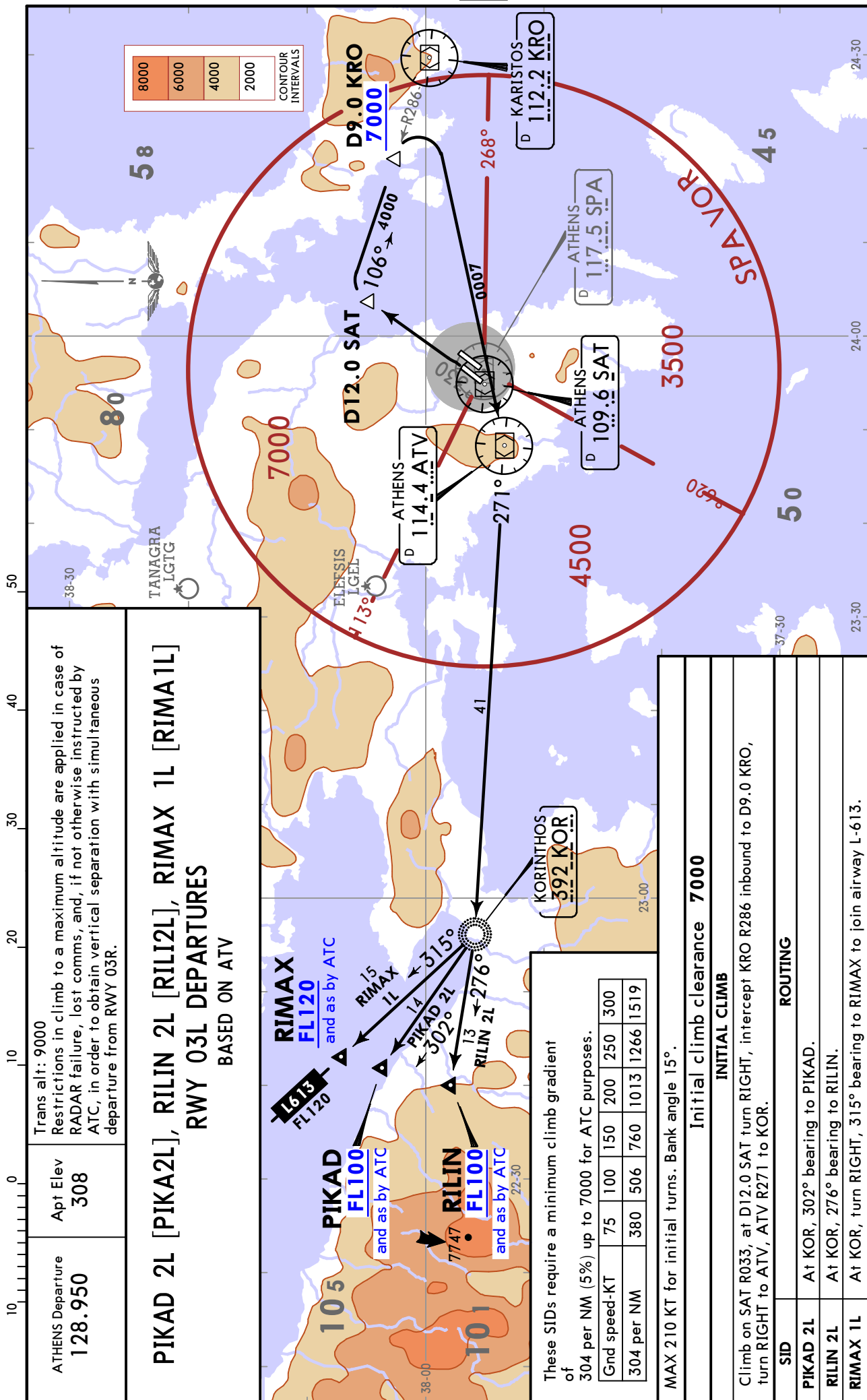
Climb on SAT R033, at D11.0 SAT turn LEFT to KOR.

SID	ROUTING
PIKAD 2D	At KOR, 302° bearing to PIKAD.
RILIN 2D	At KOR, 276° bearing to RILIN.
RIMAX 1D	At KOR, turn RIGHT, 315° bearing to RIMAX to join airway L-613.

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
13 JUL 18 10-3V2

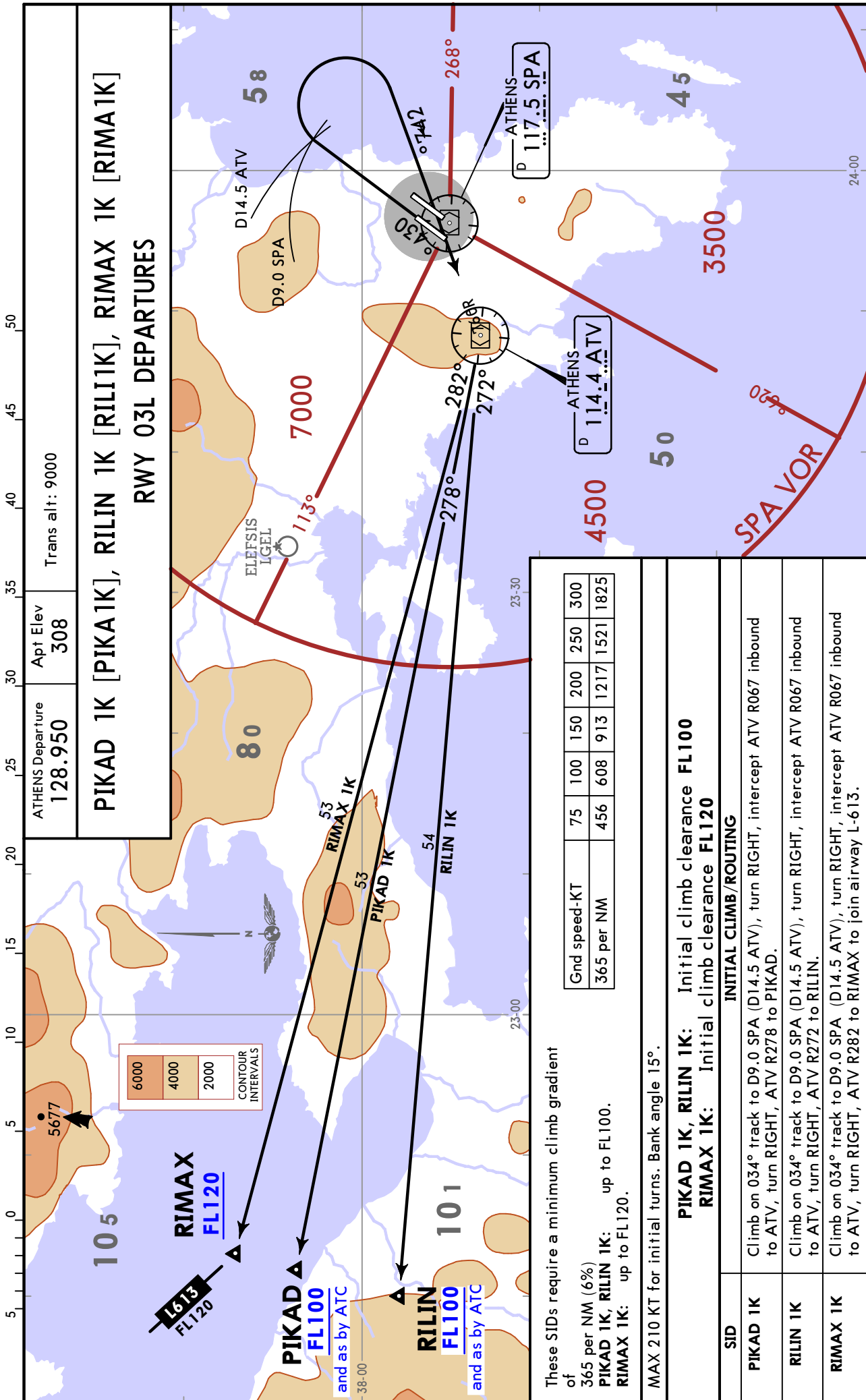
ATHENS, GREECE
SID



LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
13 JUL 18 (10-3V3)

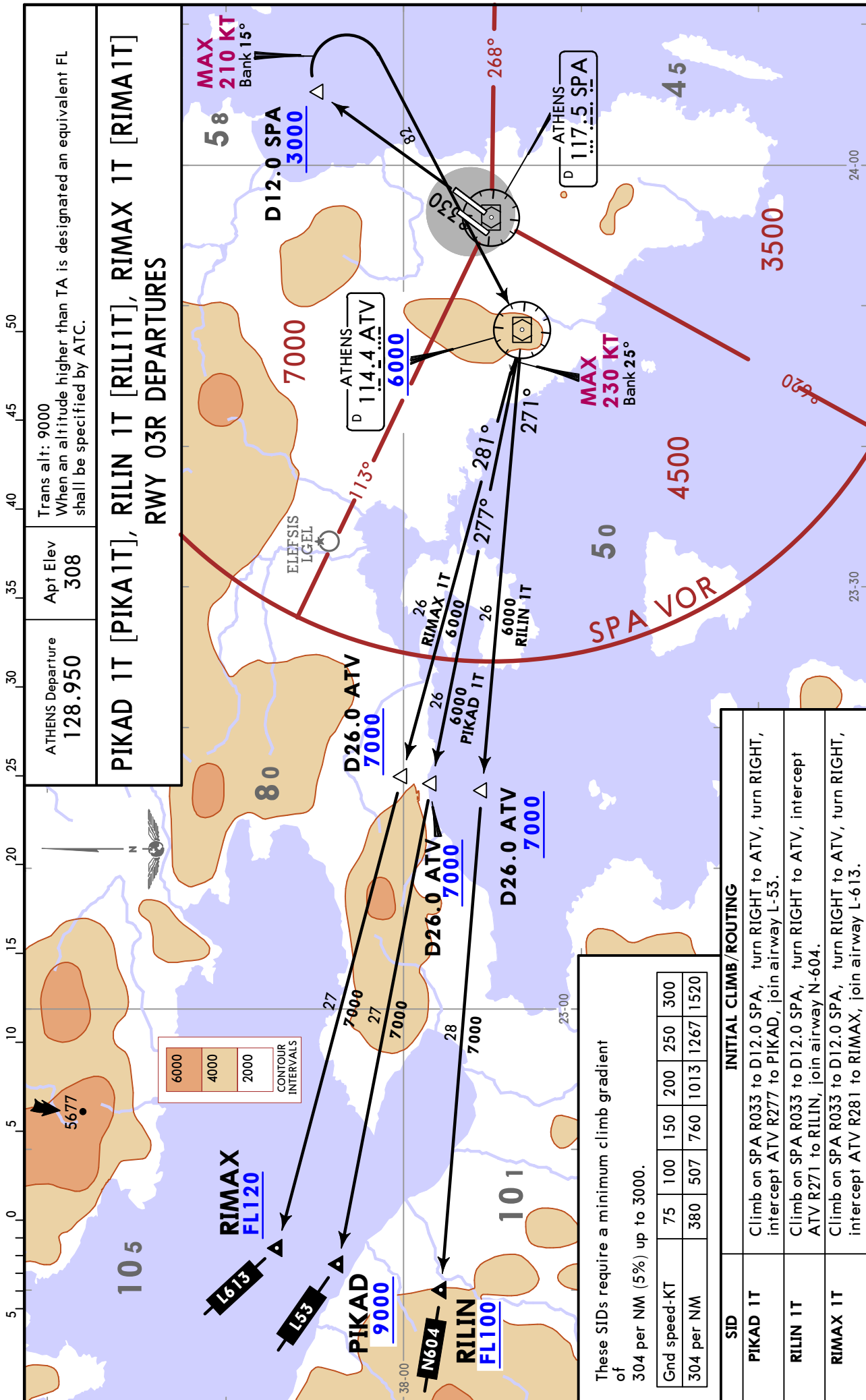
ATHENS, GREECE
SID



LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
13 JUL 18 (10-3V5)

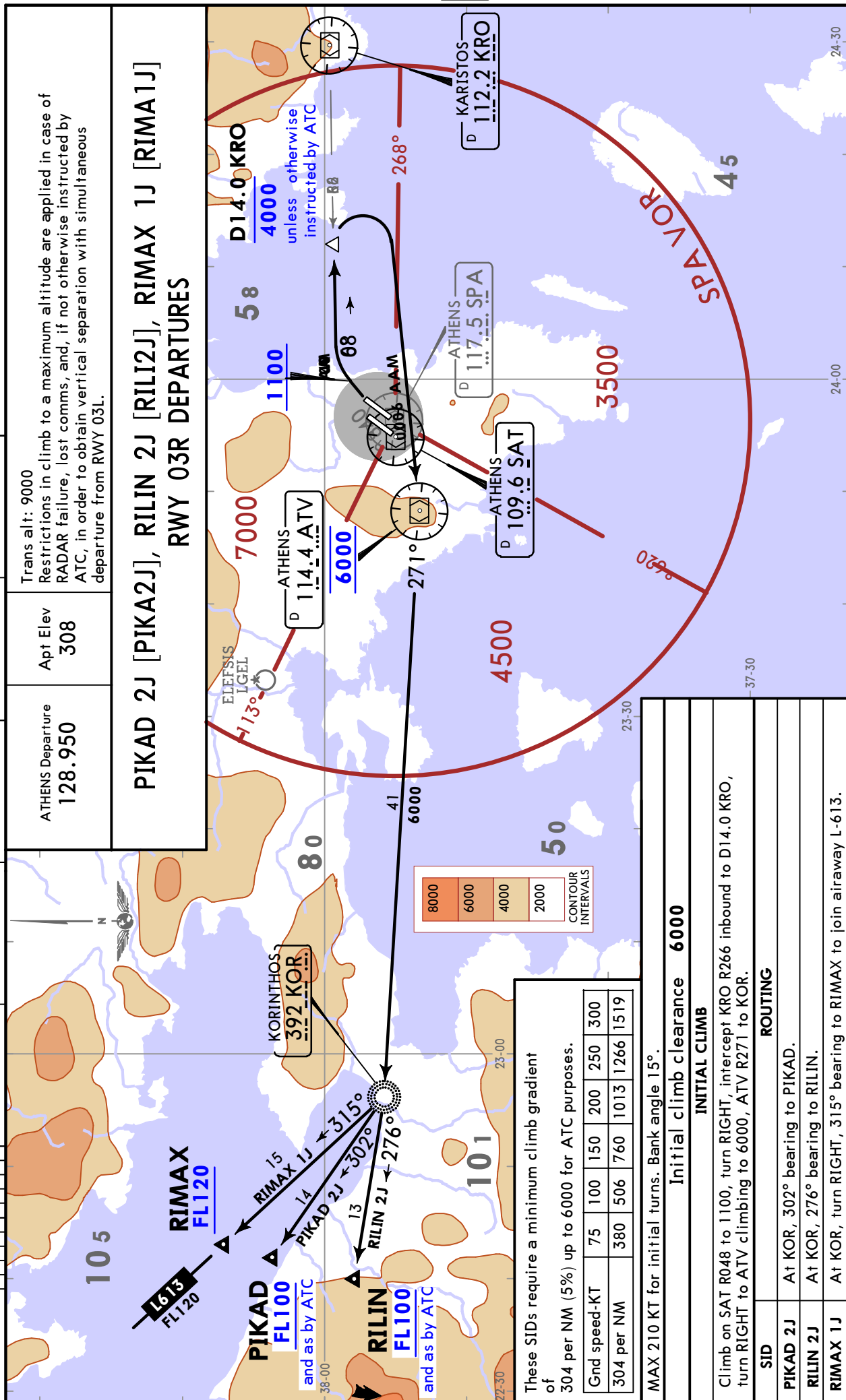
ATHENS, GREECE
SID



LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
13 JUL 18 **10-3V6**

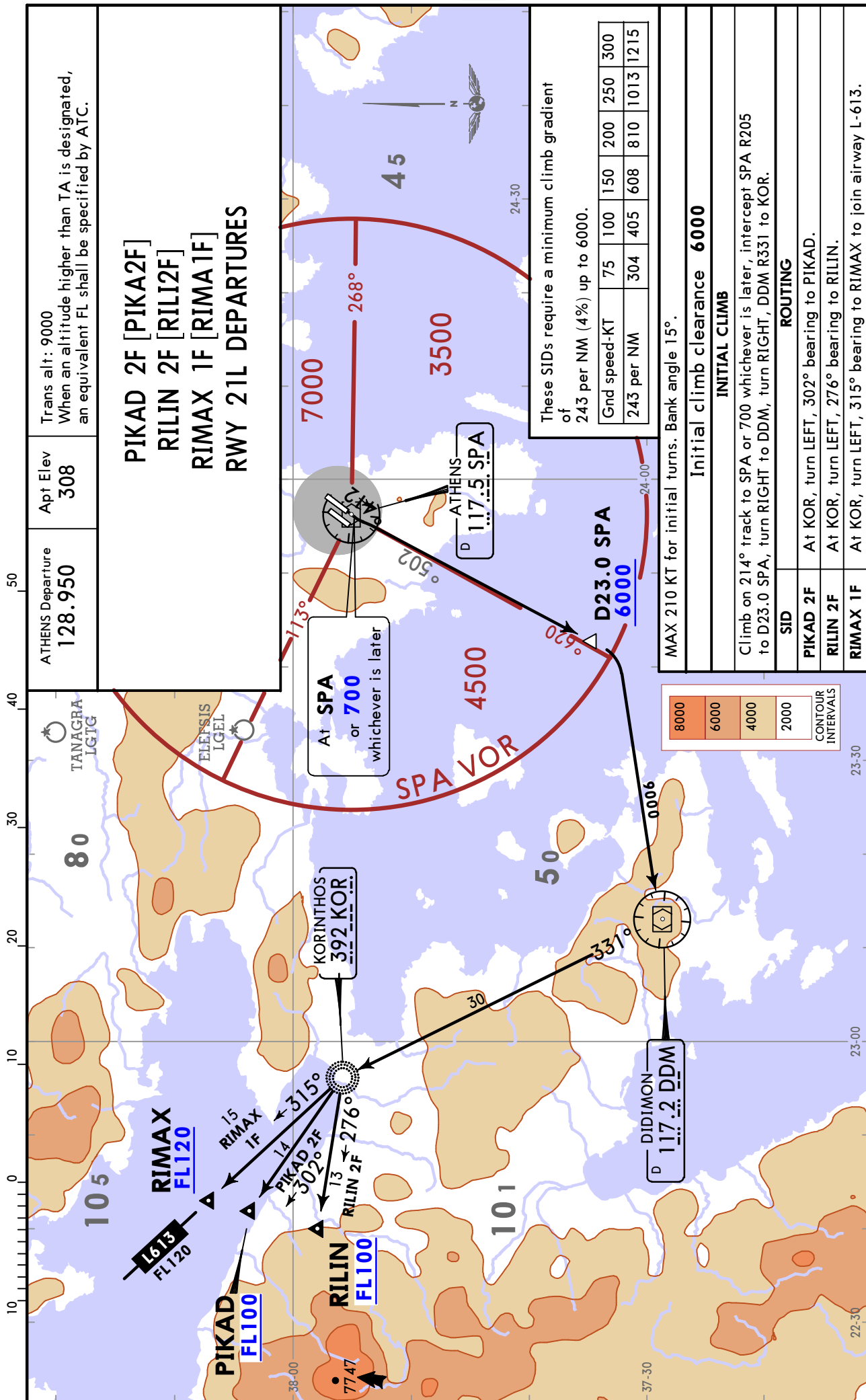
ATHENS, GREECE
SID



LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
13 JUL 18 **(10-3W)**

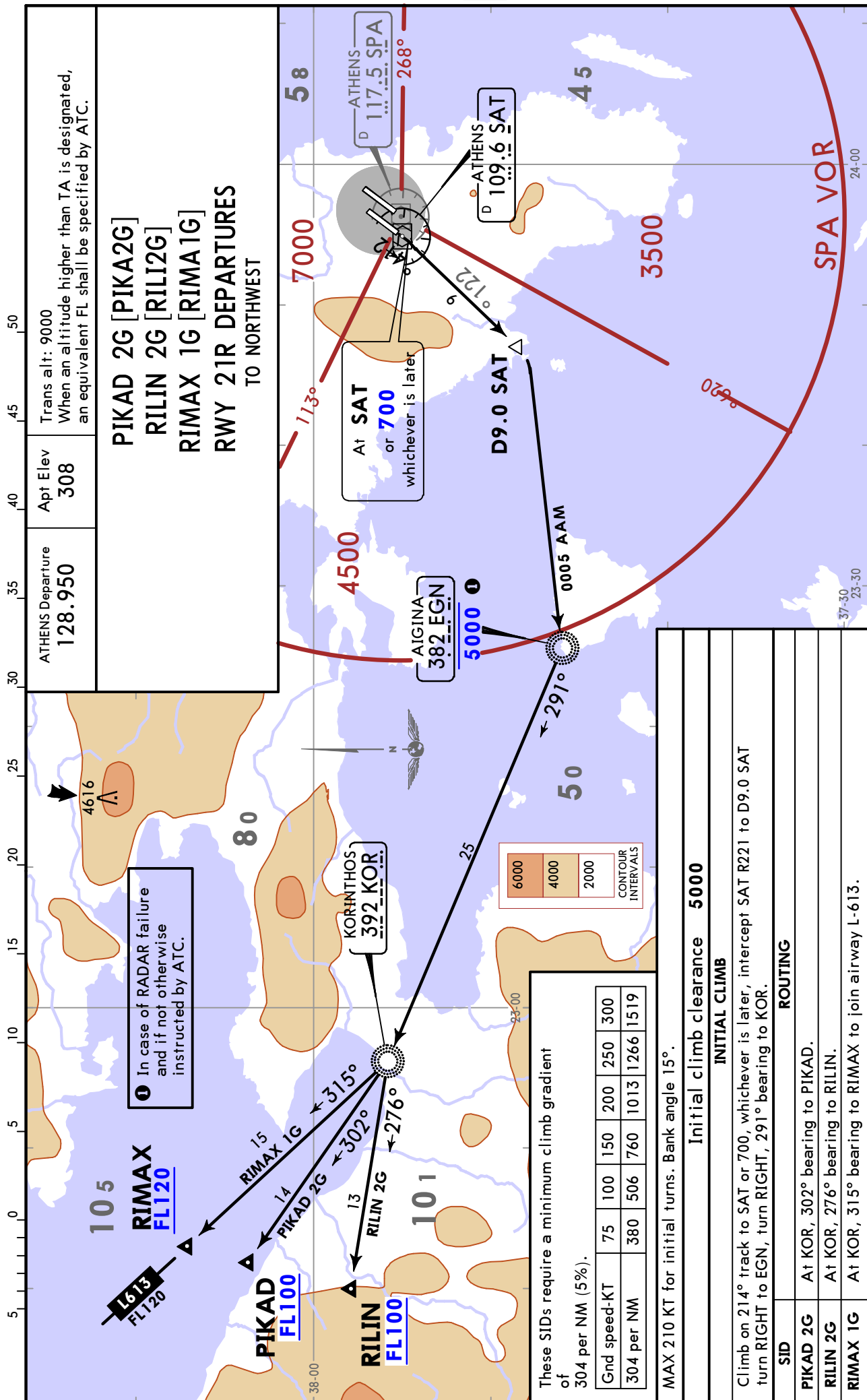
ATHENS, GREECE
SID



LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
13 JUL 18 **10-3X**

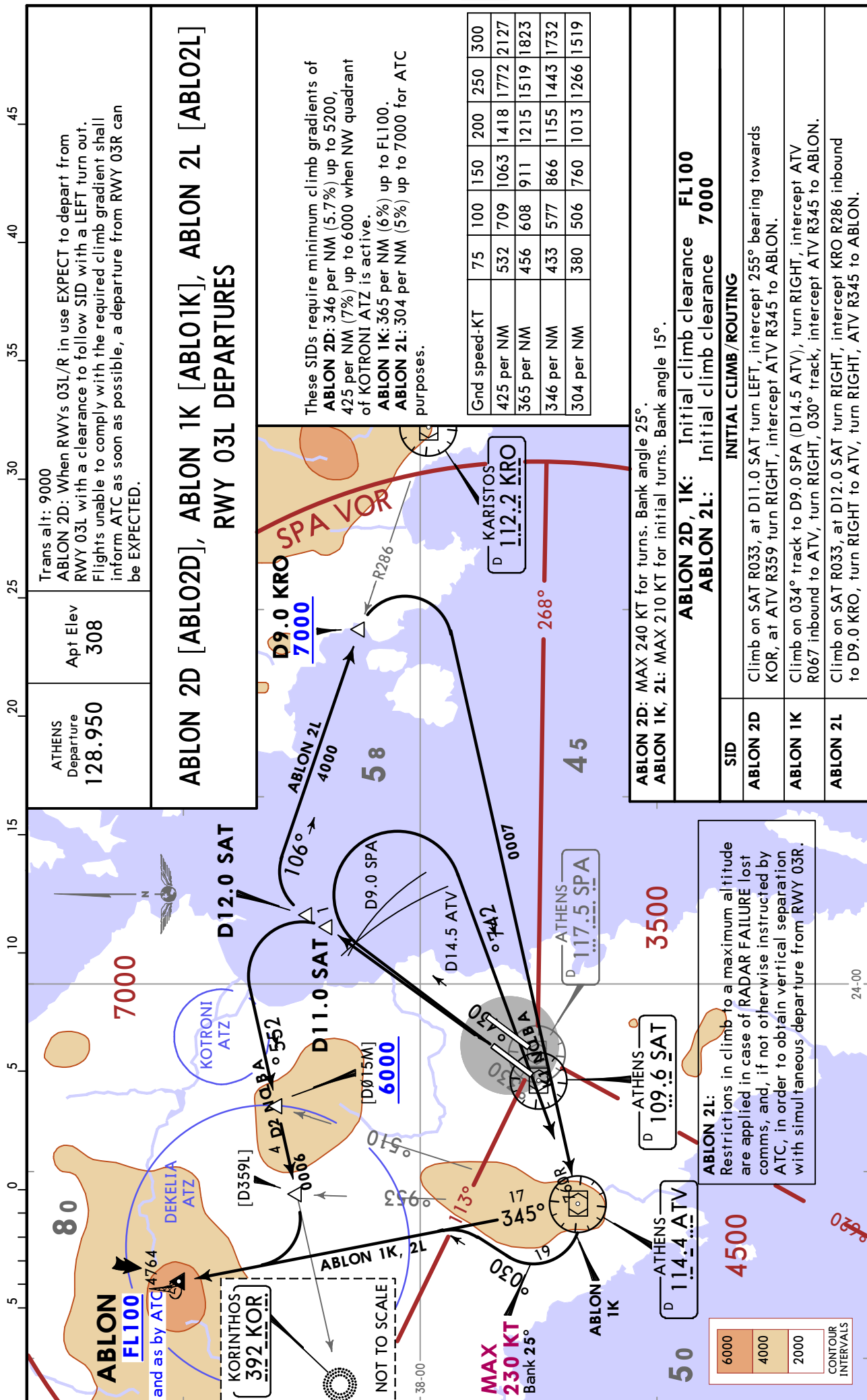
ATHENS, GREECE
SID



LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
13 JUL 18 **(10-3X1)**

ATHENS, GREECE
SID



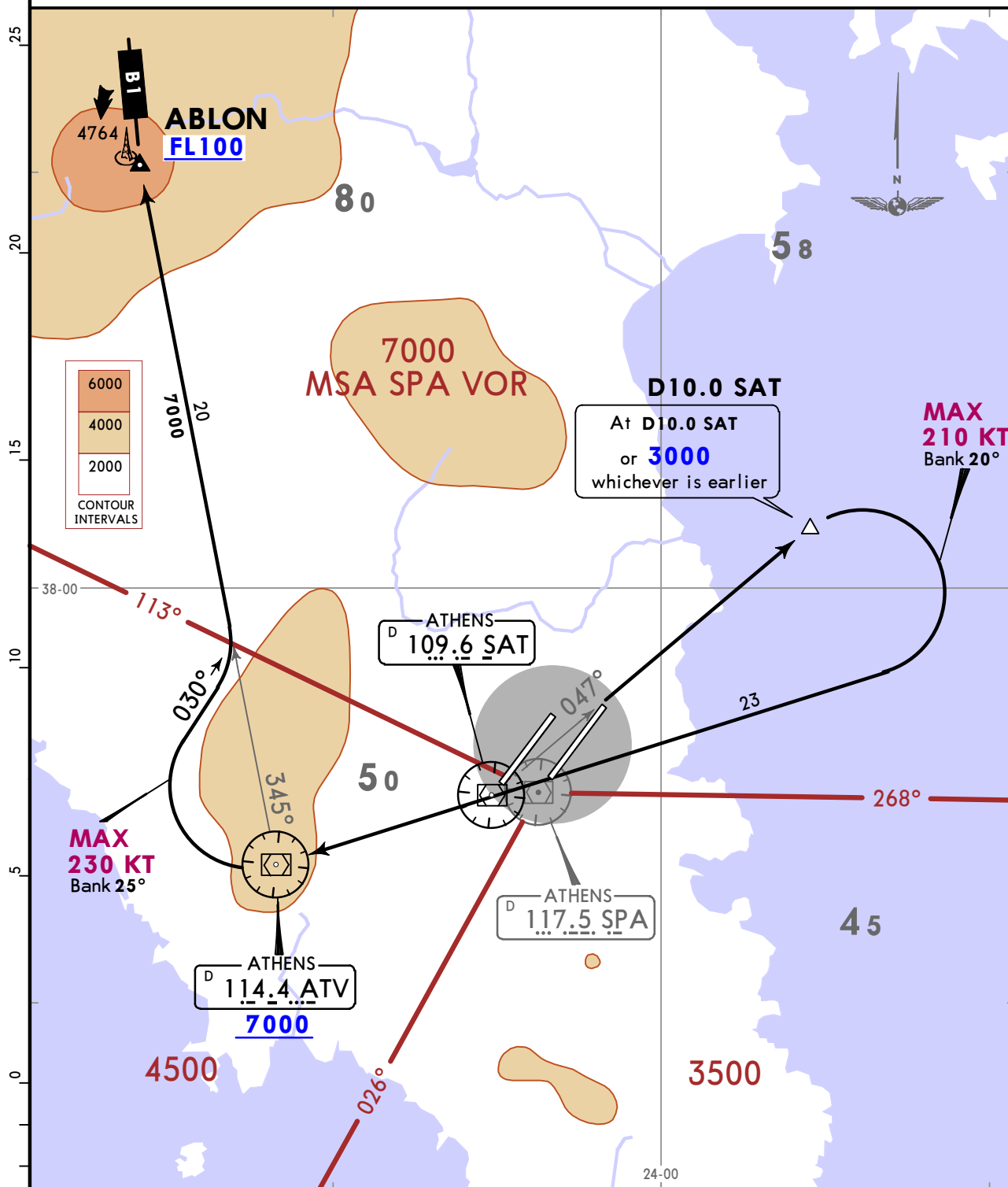
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPesen
13 JUL 18 **(10-3X2)**

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 1. No turns permitted before intercepting SAT R047. 2. When an altitude higher than TA is designated, an equivalent FL shall be specified by ATC.
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ABLON 1E [ABLO1E]
RWY 03R DEPARTURE



This SID requires minimum climb gradients of
407 per NM (6.7%) up to 3000, then
237 per NM (3.9%) up to 7000.

Gnd speed-KT	75	100	150	200	250	300
407 per NM	509	679	1018	1357	1696	2036
237 per NM	296	395	592	790	987	1185

INITIAL CLIMB/ROUTING

Climb on SAT R047, at 3000 or D10.0 SAT whichever is earlier, turn RIGHT, 030° track, intercept ATV R345 to ABLON, join airway B-1.

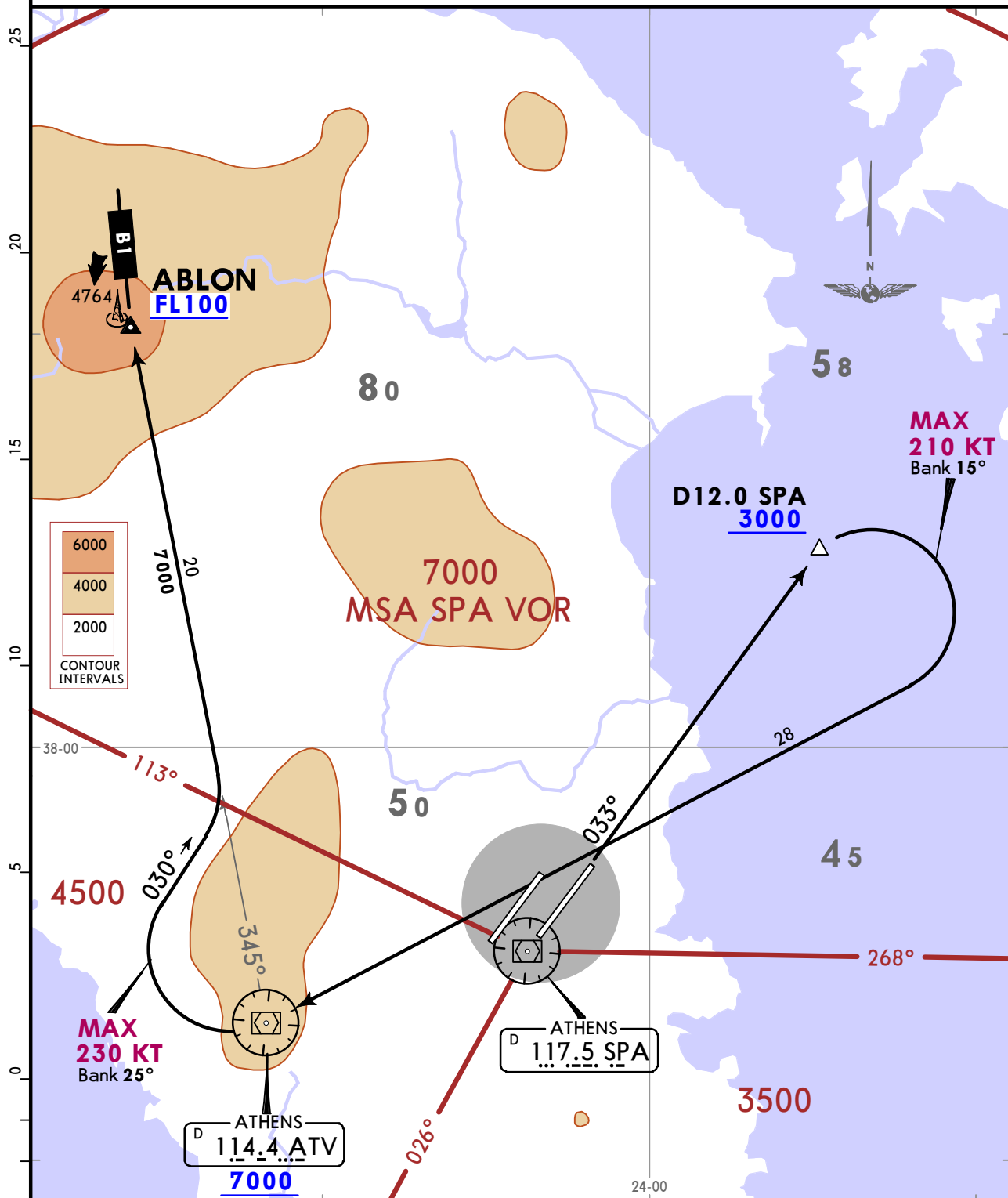
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
13 JUL 18 **10-3X4**

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 When an altitude higher than TA is designated an equivalent FL shall be specified by ATC.
------------------------------------	------------------------	--

**ABLON 1T [ABLO1T]
RWY 03R DEPARTURE**



6000
4000
2000

CONTOUR INTERVALS

This SID requires a minimum climb gradient of 304 per NM (5%) up to 3000.

Gnd speed-KT	75	100	150	200	250	300
304 per NM	380	506	760	1013	1266	1519

INITIAL CLIMB/ROUTING

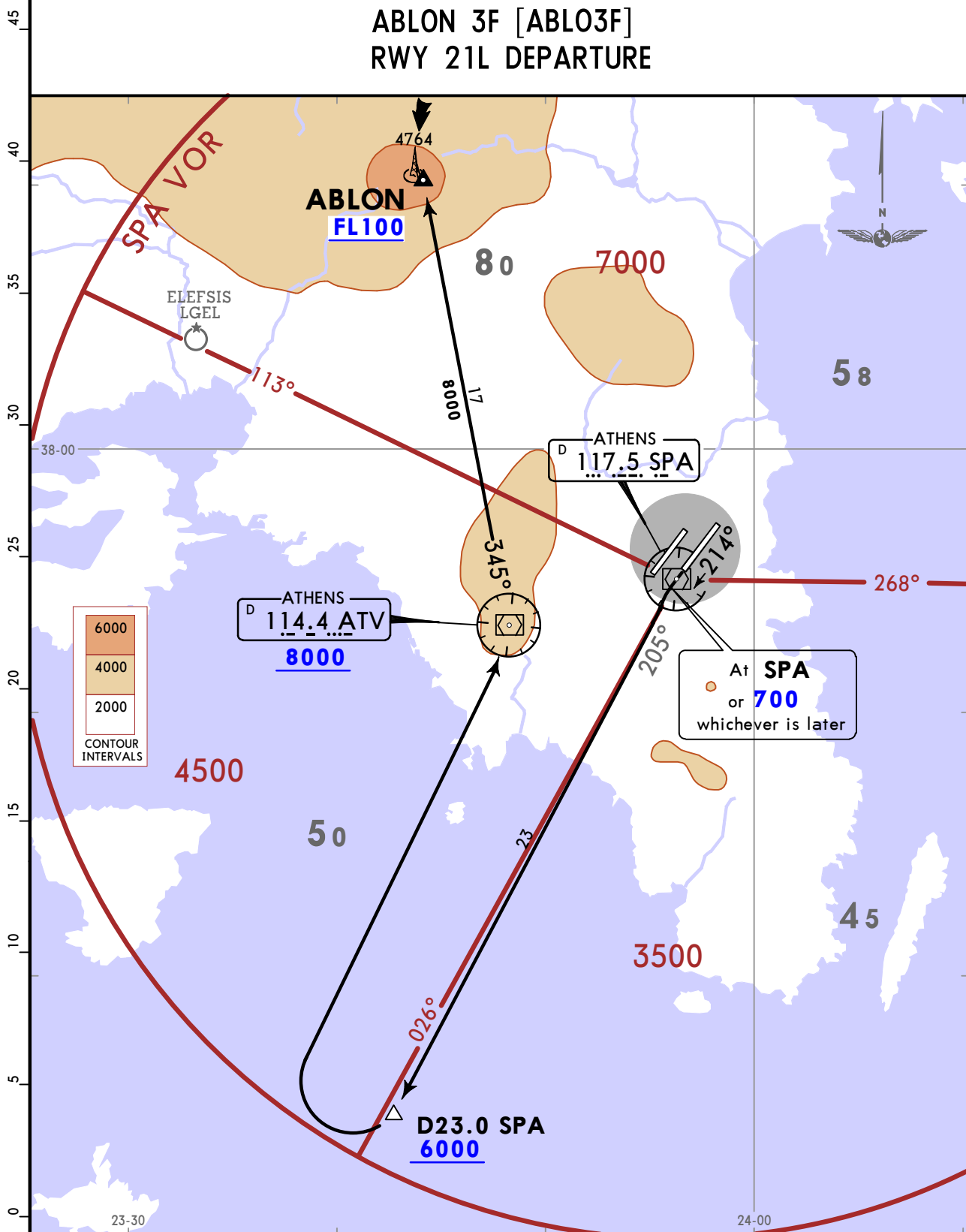
Climb on SPA R033 to D12.0 SPA, turn RIGHT to ATV, turn RIGHT, 030° track, intercept ATV R345 to ABLON, join airway B-1.

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
 13 JUL 18 **(10-3X5)**

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 When an altitude higher than TA is designated, an equivalent FL shall be specified by ATC.
------------------------------------	------------------------	--



This SID requires a minimum climb gradient of 243 per NM (4%) up to 6000.	Gnd speed-KT	75	100	150	200	250	300
	243 per NM	304	405	608	810	1013	1215

MAX 210 KT for initial turns. Bank angle 15°.

Initial climb clearance 6000

INITIAL CLIMB/ROUTING

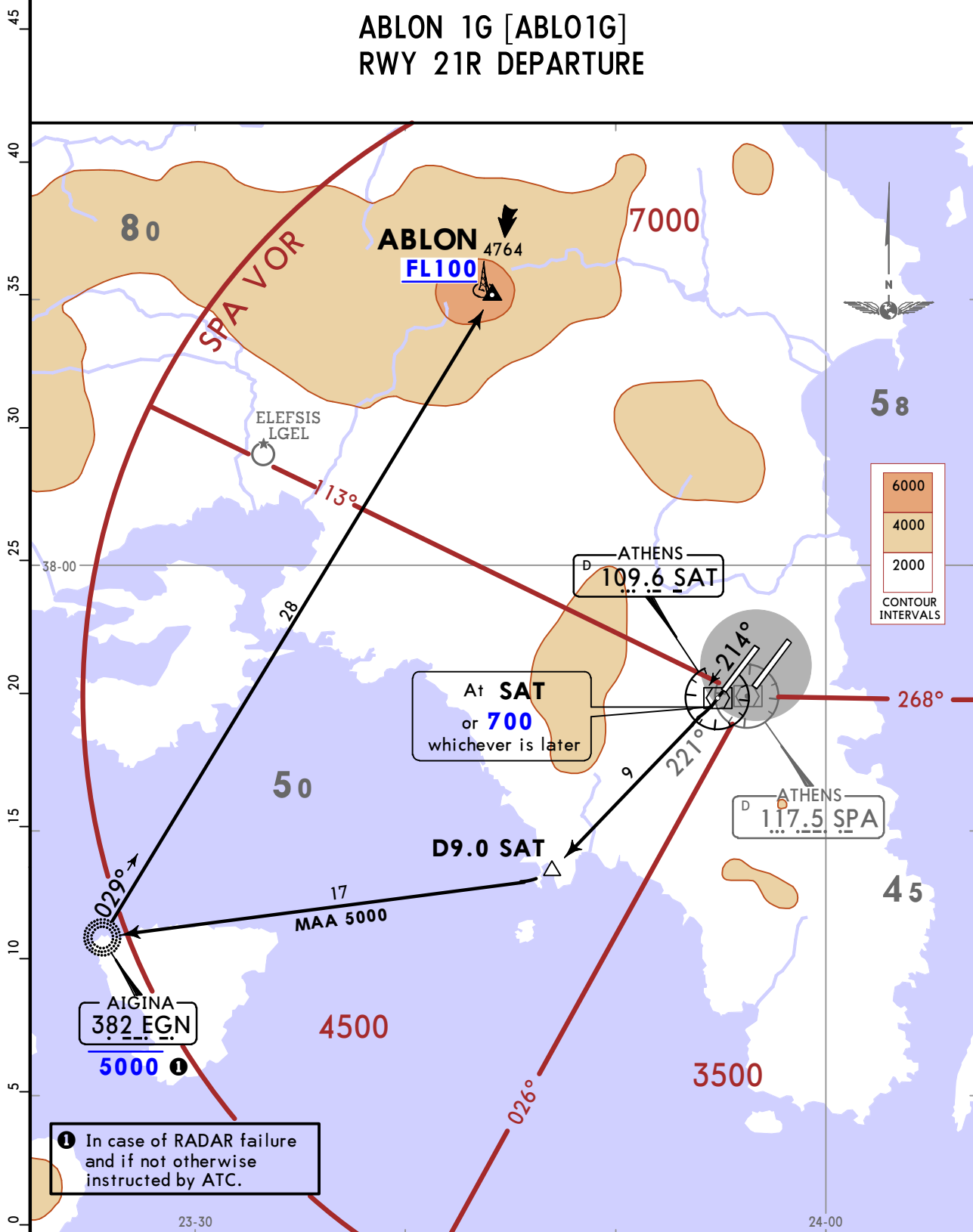
Climb on 214° track to SPA or 700, whichever is later, intercept SPA R205 to D23.0 SPA, turn RIGHT to ATV, ATV R345 to ABLON.

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
13 JUL 18 **(10-3X6)**

ATHENS, GREECE
SID

ATHENS Departure 128.950	Apt Elev 308	Trans alt: 9000 When an altitude higher than TA is designated, an equivalent FL shall be specified by ATC.
------------------------------------	------------------------	--



This SID requires a minimum climb gradient of 304 per NM (5%).

Gnd speed-KT	75	100	150	200	250	300
304 per NM	380	506	760	1013	1266	1519

MAX 210 KT for initial turns. Bank angle 15°.

Initial climb clearance 5000

INITIAL CLIMB/ROUTING

Climb on 214° track to SAT or 700, whichever is later, intercept SAT R221 to D9.0 SAT turn RIGHT to EGN, turn RIGHT, 029° bearing to ABLON.

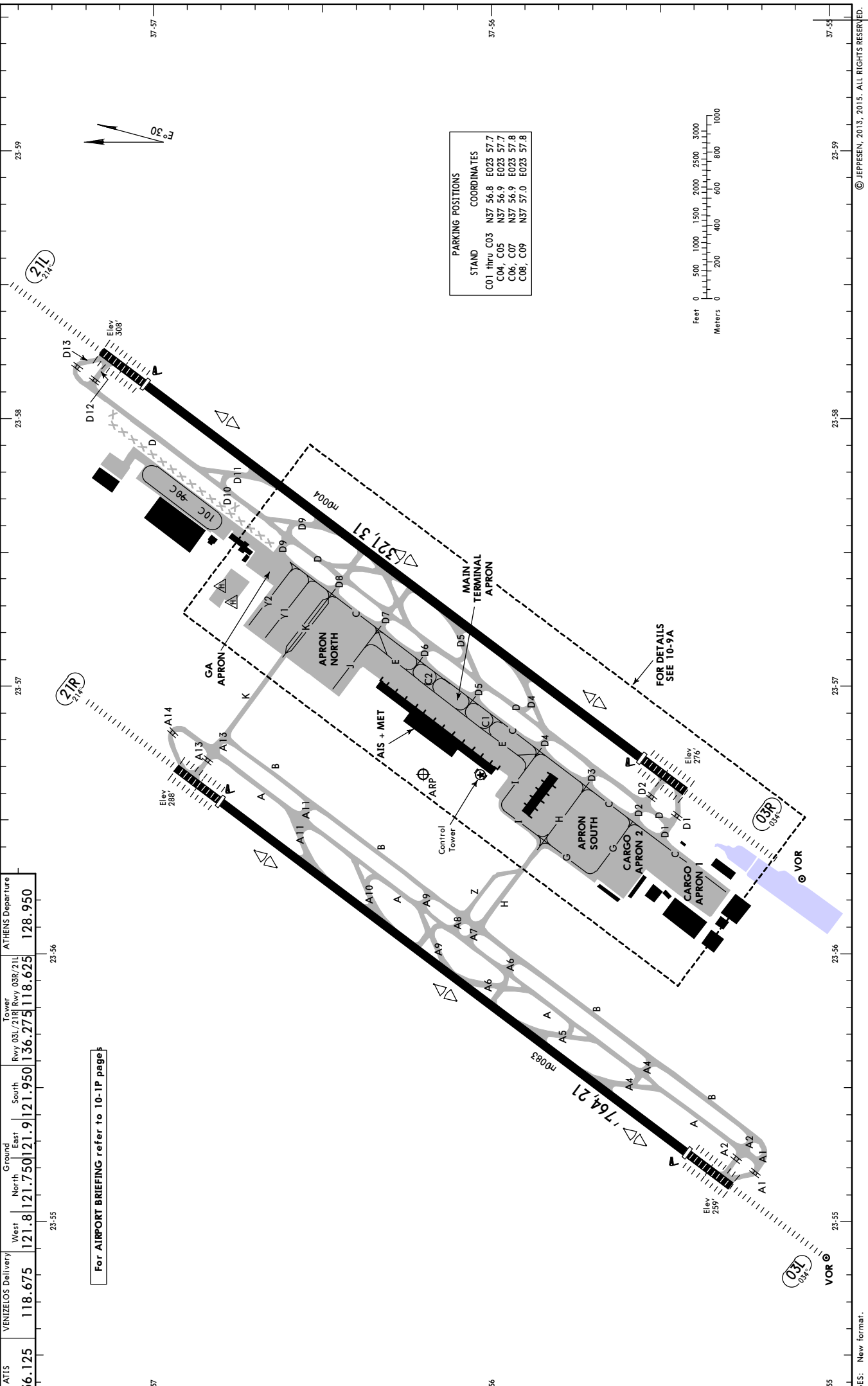
LGAV/ATH
 Apt Elev **308'**
 NS7 56.2 E023 56.7

JEPPESEN
 24 JUL 15
 10-9

ATHENS, GREECE
 ELEFTHERIOS VENIZELOS INTL

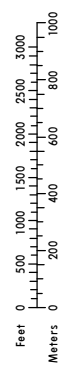
ATIS	VENIZELOS Delivery	Ground	North	East	South	Tower	Rwy 03L/21R	Rwy 03R/21L	ATHENS Departure
136.125	118.675	121.8	121.750	121.9	121.950	136.275	118.625	128.950	

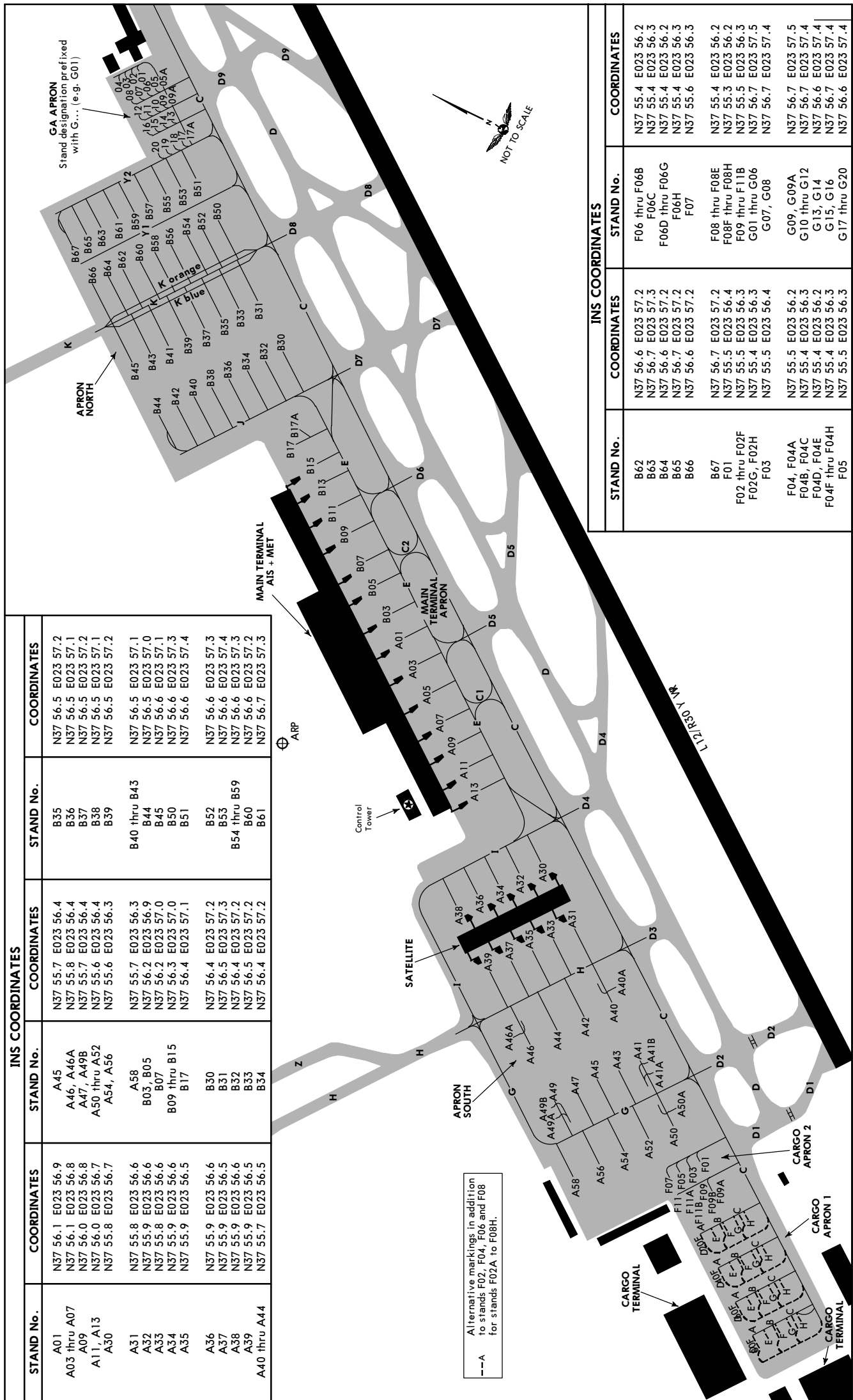
For AIRPORT BRIEFING refer to 10-1P page 5



PARKING POSITIONS

STAND	COORDINATES
C01 thru C03	NS7 56.8 E023 57.7
C04, C05	NS7 56.9 E023 57.7
C06, C07	NS7 56.9 E023 57.8
C08, C09	NS7 57.0 E023 57.8





INS COORDINATES			
STAND No.	COORDINATES	STAND No.	COORDINATES
A01	N37 56.1 E023 56.9	B35	N37 56.5 E023 57.2
A03 thru A07	N37 56.1 E023 56.8	B36	N37 56.5 E023 57.1
A09	N37 56.0 E023 56.8	B37	N37 56.5 E023 57.2
A11, A13	N37 56.0 E023 56.7	B38	N37 56.5 E023 57.1
A30	N37 55.8 E023 56.7	B39	N37 56.5 E023 57.2
A31	N37 55.8 E023 56.6	B40 thru B43	N37 56.5 E023 57.1
A32	N37 55.9 E023 56.6	B44	N37 56.5 E023 57.0
A33	N37 55.8 E023 56.6	B45	N37 56.6 E023 57.1
A34	N37 55.9 E023 56.6	B50	N37 56.3 E023 57.3
A35	N37 55.9 E023 56.5	B51	N37 56.6 E023 57.4
A36	N37 55.9 E023 56.6	B52	N37 56.6 E023 57.3
A37	N37 55.9 E023 56.5	B53	N37 56.6 E023 57.4
A38	N37 55.9 E023 56.6	B54 thru B59	N37 56.6 E023 57.3
A39	N37 55.9 E023 56.5	B60	N37 56.6 E023 57.2
A40 thru A44	N37 55.7 E023 56.5	B61	N37 56.7 E023 57.3

INS COORDINATES			
STAND No.	COORDINATES	STAND No.	COORDINATES
B62	N37 56.6 E023 57.2	F06 thru F06B	N37 55.4 E023 56.2
B63	N37 56.7 E023 57.3	F06C	N37 55.4 E023 56.3
B64	N37 56.6 E023 57.2	F06D thru F06G	N37 55.4 E023 56.2
B65	N37 56.7 E023 57.2	F06H	N37 55.4 E023 56.3
B66	N37 56.6 E023 57.2	F07	N37 55.6 E023 56.3
B67	N37 56.7 E023 57.2	F08 thru F08E	N37 55.4 E023 56.2
F01	N37 55.5 E023 56.4	F08F thru F08H	N37 55.3 E023 56.2
F02 thru F02F	N37 55.5 E023 56.3	F09 thru F11B	N37 55.5 E023 56.3
F02G, F02H	N37 55.4 E023 56.3	G01 thru G06	N37 56.7 E023 57.5
F03	N37 55.5 E023 56.4	G07, G08	N37 56.7 E023 57.4
F04, F04A	N37 55.5 E023 56.2	G09, G09A	N37 56.7 E023 57.5
F04B, F04C	N37 55.4 E023 56.3	G10 thru G12	N37 56.7 E023 57.4
F04D, F04E	N37 55.4 E023 56.2	G13, G14	N37 56.6 E023 57.4
F04F thru F04H	N37 55.4 E023 56.3	G15, G16	N37 56.7 E023 57.4
F05	N37 55.5 E023 56.3	G17 thru G20	N37 56.6 E023 57.4

Alternative markings in addition to stands F02, F04, F06 and F08 for stands F02A to F08H.

CHANGES: New format.

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LGAV/ATH



ATHENS, GREECE

24 JUL 15

10-9B

ELEFTHERIOS VENIZELOS INTL

ADDITIONAL RUNWAY INFORMATION						USABLE LENGTHS		TAKE-OFF	WIDTH
RWY					Threshold	LANDING BEYOND Glide Slope			
03L 21R	HIRL(60m) CL(15m) HIALS-II TDZ PAPI-L(3.0°) RVR	11,483'	3500m	10,329'	3148m	①	148'		
				10,511'	3204m	②	45m		
① TORA RWY 03L: From rwy head		12,467'	(3800m)	② TORA RWY 21R: From rwy head		12,467'	(3800m)		
twy A4 int		9350'	(2850m)	twy A11 int		9350'	(2850m)		
twy A5 int		7874'	(2400m)	twy A10 int		7874'	(2400m)		
03R 21L	HIRL(60m) CL(15m) HIALS-II TDZ PAPI-L(3.0°) RVR	12,139'	3700m	10,985'	3348m	③	148'		
				11,045'	3367m	④	45m		
③ TORA RWY 03R: From rwy head		13,123'	(4000m)	④ TORA RWY 21L: From rwy head		13,123'	(4000m)		
twy D4 int		9350'	(2850m)	twy D11 int		9350'	(2850m)		
twy D5 int		7874'	(2400m)	twy D9 int		7874'	(2400m)		

Intersection take-offs not permitted to B747, B777, B767-400, A340, A330, MD11, IL86, IL96M.

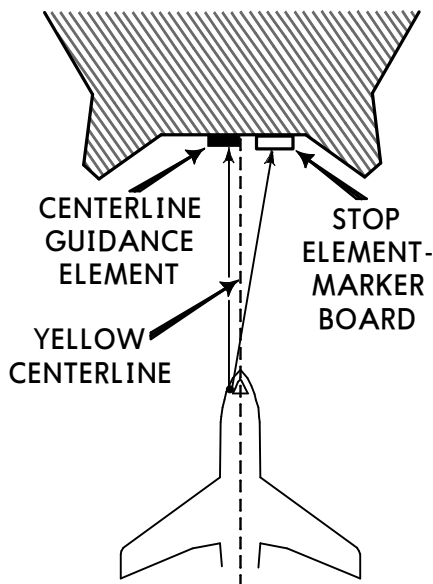
Standard		TAKE-OFF ①				
All Rwys						
LVP must be in force						
Approved Operators	HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A						
B	125m	150m	200m	250m	400m	500m
C						
D	150m	200m	250m	300m		

① Operators applying U.S. Ops Specs: CL required below 300m; approved guidance system required below 150m.

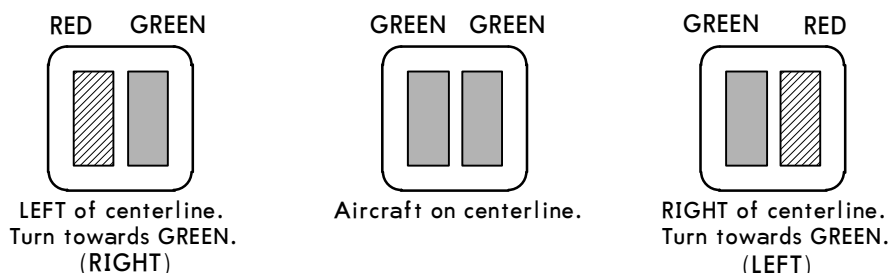
VISUAL DOCKING GUIDANCE SYSTEM (AGNIS/PAPA)

A. SYSTEM DESCRIPTION

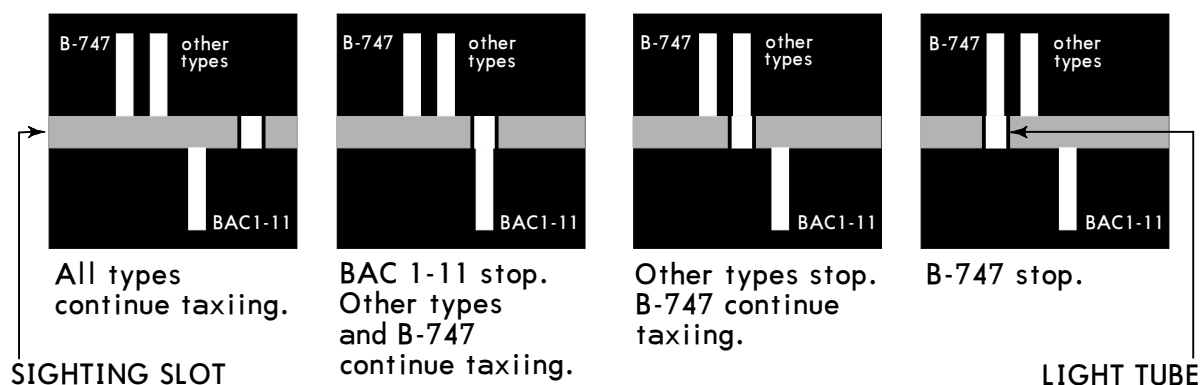
The system consists of a CENTERLINE GUIDANCE ELEMENT (AGNIS) and the STOP ELEMENT MARKERBOARD (PAPA).



B. CENTERLINE GUIDANCE ELEMENT (AGNIS)



C. STOP ELEMENT (PAPA)



LGAV/ATH

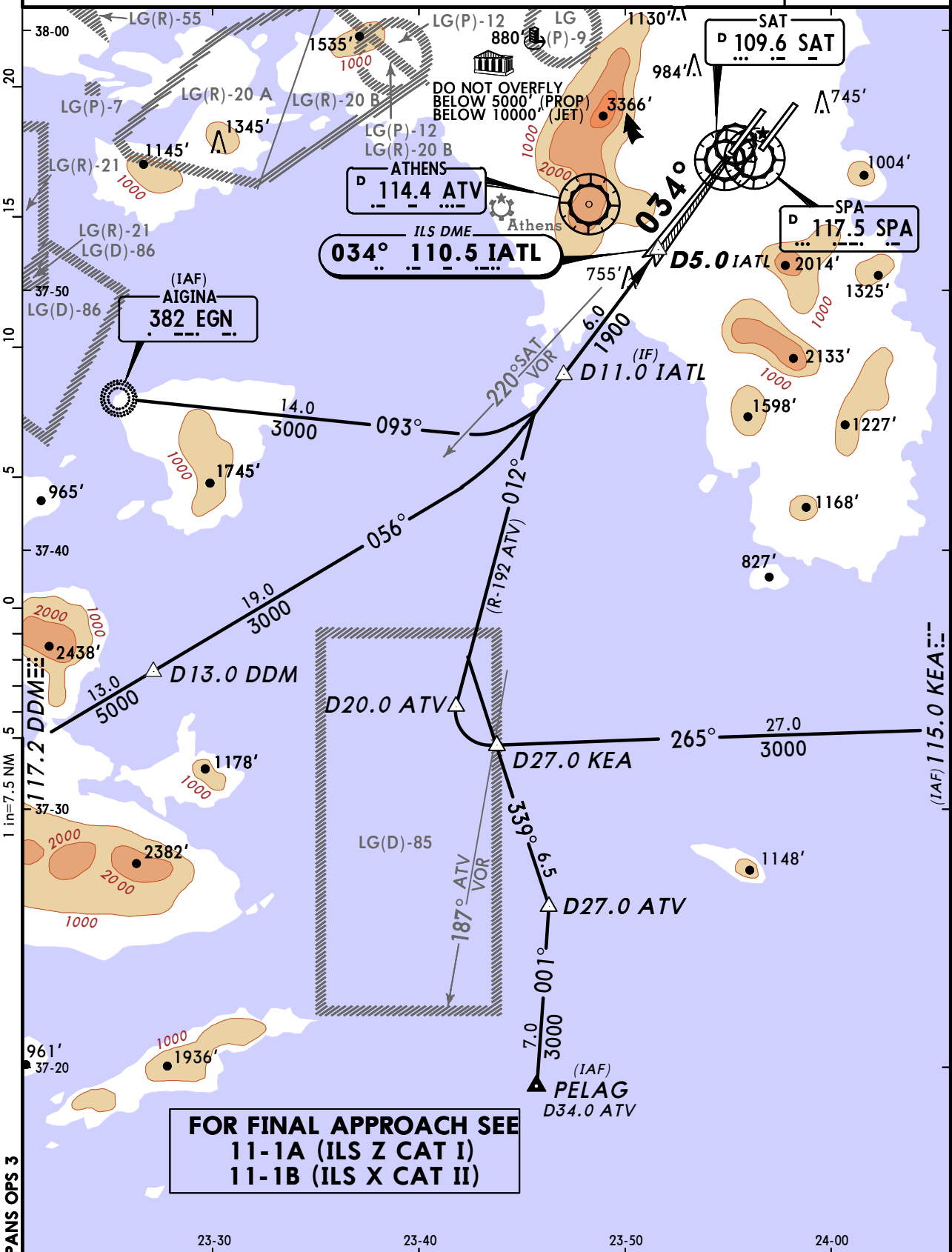
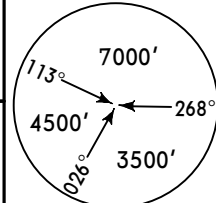
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
20 NOV 09 (11-1)

ATHENS, GREECE

ILS Z or X Rwy 03L

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)	Approach					
	136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52	121.4
	VENIZELOS Tower			Ground						
	136.27			West 121.8	North 121.75	East 121.9	South 121.95			
LOC IATL	Final Apch Crs	GS Refer to	DA(H)/RA Refer to	Apt Elev	RWY					
110.5	034°	11-1A (CAT I) 11-1B (CAT II)	11-1A (CAT I) 11-1B (CAT II)	308'	255'					
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 SPA VOR										



LGAV/ATH

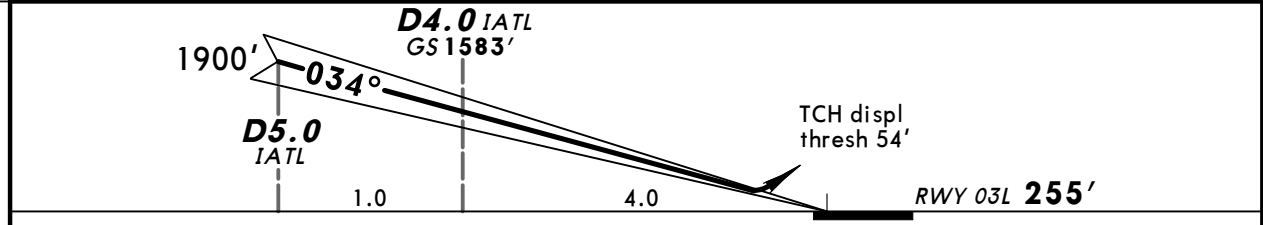
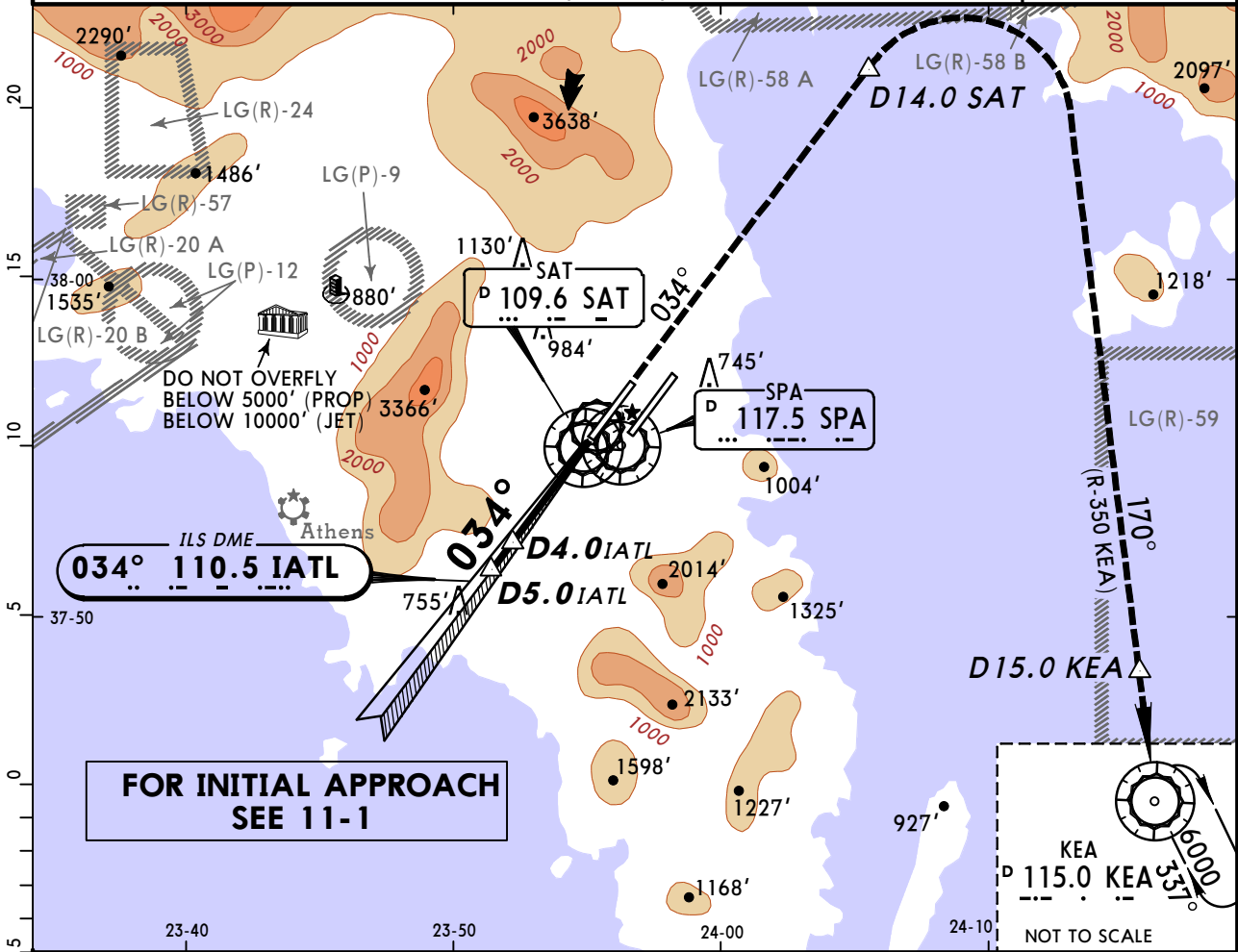
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
20 NOV 09 **(11-1A)**

ATHENS, GREECE

ILS Z Rwy 03L

ATIS		ATHENS Arrival (R)		Director (R)		Approach					
136.12		West 132.97	East 126.57	121.4		126.57	130.02	132.97	128.95	125.52	121.4
VENIZELOS Tower 136.27				West 121.8		North 121.75		East 121.9		South 121.95	
LOC IATL 110.5		Final Apch Crs 034°		GS D4.0 IATL 1583' (1328')		ILS DA(H) 455' (200')		Apt Elev 308'		RWY 255'	
MISSED APCH: Climb STRAIGHT AHEAD to intercept R-034 SAT. At D14.0 SAT turn RIGHT (MAX 220 KT). Intercept R-350 KEA and proceed to KEA VOR climbing to 6000' and hold. Cross D15.0 KEA at 6000'.											
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC		Trans alt: 9000'				MSA SPA VOR	
1. DME REQUIRED.		2. ILS DME reads zero at rwy 03L displaced threshold.									



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	SAT 109.6 R-034	D14.0 SAT
GS	3.00°	377	485	539	647	755			

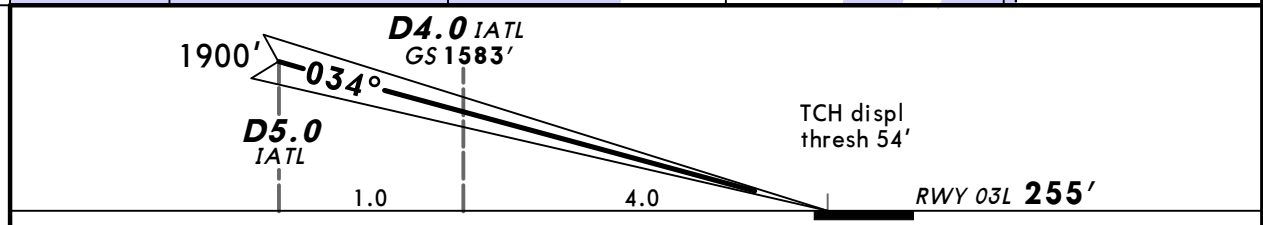
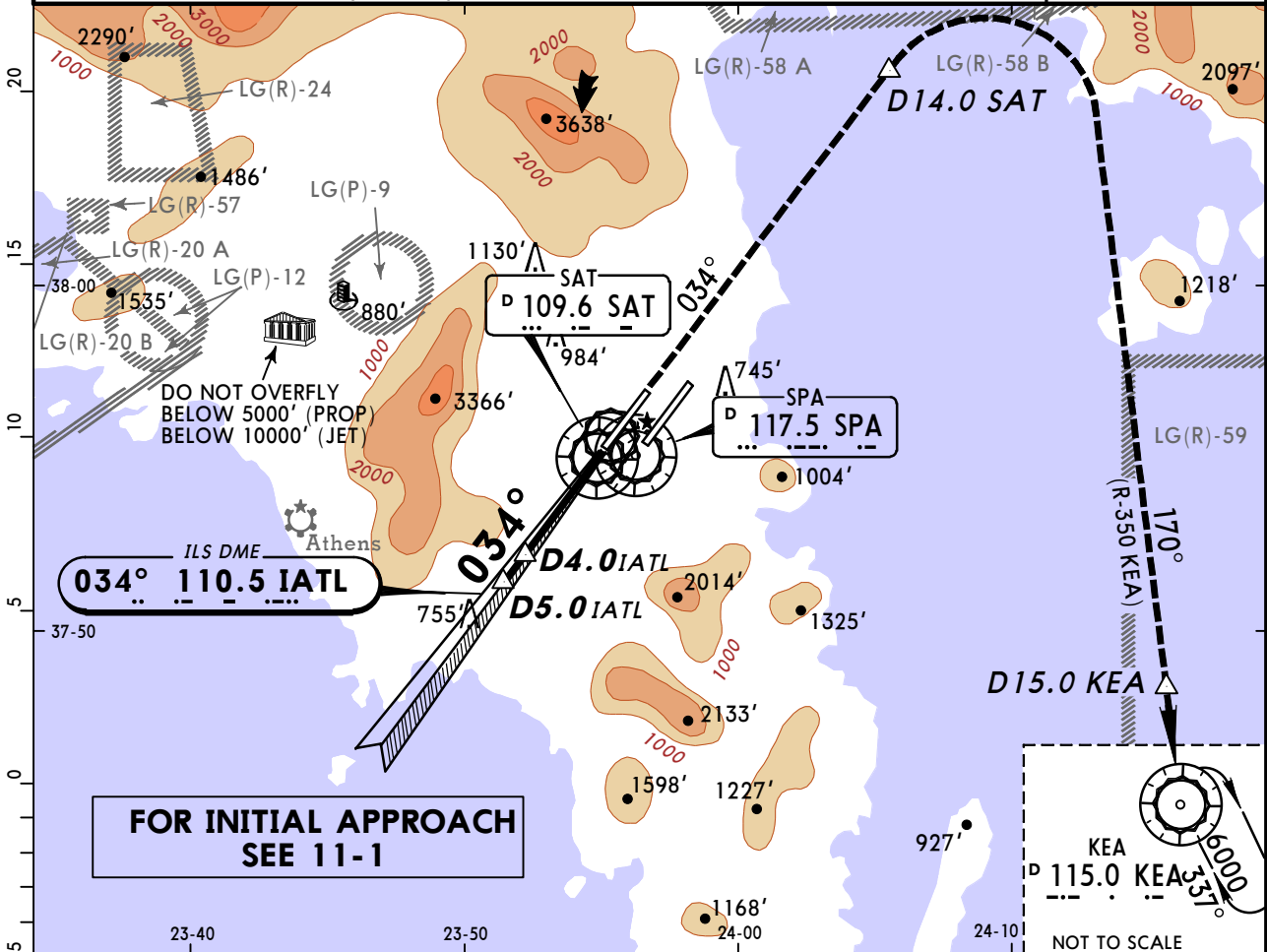
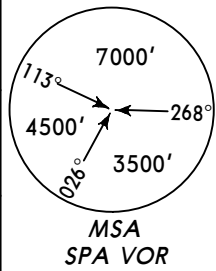
PANS OPS 3	Standard STRAIGHT-IN LANDING RWY 03L			CIRCLE-TO-LAND																															
	ILS DA(H) 455' (200')			LOC (GS out)																															
	<table border="1"> <tr> <th>FULL</th> <th>Limited</th> <th>ALS out</th> </tr> <tr> <td>A</td> <td></td> <td></td> </tr> <tr> <td>B</td> <td></td> <td></td> </tr> <tr> <td>C</td> <td></td> <td></td> </tr> <tr> <td>D</td> <td></td> <td></td> </tr> </table>			FULL	Limited	ALS out	A			B			C			D			<table border="1"> <tr> <th>Max Kts</th> <th>MDA(H)</th> <th>VIS</th> </tr> <tr> <td>100</td> <td>1200' (892')</td> <td>1500m</td> </tr> <tr> <td>135</td> <td>1300' (992')</td> <td>1600m</td> </tr> <tr> <td>C</td> <td colspan="2">NOT APPLICABLE</td> </tr> <tr> <td>D</td> <td colspan="2">NOT APPLICABLE</td> </tr> </table>		Max Kts	MDA(H)	VIS	100	1200' (892')	1500m	135	1300' (992')	1600m	C	NOT APPLICABLE		D	NOT APPLICABLE	
	FULL	Limited	ALS out																																
	A																																		
B																																			
C																																			
D																																			
Max Kts	MDA(H)	VIS																																	
100	1200' (892')	1500m																																	
135	1300' (992')	1600m																																	
C	NOT APPLICABLE																																		
D	NOT APPLICABLE																																		
<table border="1"> <tr> <th>RVR</th> <th>Full</th> <th>Limited</th> <th>ALS out</th> </tr> <tr> <td>A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>RVR 550m</td> <td>RVR 750m</td> <td>RVR 1200m</td> </tr> <tr> <td>D</td> <td colspan="3">NOT APPLICABLE</td> </tr> </table>			RVR	Full	Limited	ALS out	A				B				C	RVR 550m	RVR 750m	RVR 1200m	D	NOT APPLICABLE			NOT APPLICABLE												
RVR	Full	Limited	ALS out																																
A																																			
B																																			
C	RVR 550m	RVR 750m	RVR 1200m																																
D	NOT APPLICABLE																																		
NOT APPLICABLE			NOT APPLICABLE																																

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
 20 NOV 09 **(11-1B)**

ATHENS, GREECE
CAT II ILS X Rwy 03L

ATIS		ATHENS Arrival (R)		Director (R)		Approach					
136.12		West 132.97	East 126.57	121.4		126.57	130.02	132.97	128.95	125.52	121.4
VENIZELOS Tower				West 121.8		North 121.75		East 121.9		South 121.95	
136.27											
LOC IATL		Final Apch Crs		GS		CAT II ILS RA 97'		Apt Elev 308'		RWY 255'	
110.5		034°		D4.0 IATL 1583' (1328')		DA(H) 355' (100')					
MISSED APCH: Climb STRAIGHT AHEAD to intercept R-034 SAT. At D14.0 SAT turn RIGHT (MAX 220 KT). Intercept R-350 KEA and proceed to KEA VOR climbing to 6000' and hold. Cross D15.0 KEA at 6000'.											
Alt Set: hPa Rwy Elev: 9 hPa Trans level: By ATC Trans alt: 9000' 1. DME REQUIRED. 2. Special Aircrew & Aircraft Certification Required. 3. ILS DME reads zero at rwy 03L displaced threshold.											



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	SAT 109.6 R-034	D14.0 SAT
GS	3.00°	377	485	539	647	755			

Standard STRAIGHT-IN LANDING RWY 03L
 CAT II ILS
 ABCD
RA 97'
 DA(H) **355' (100')**

RVR **300m**

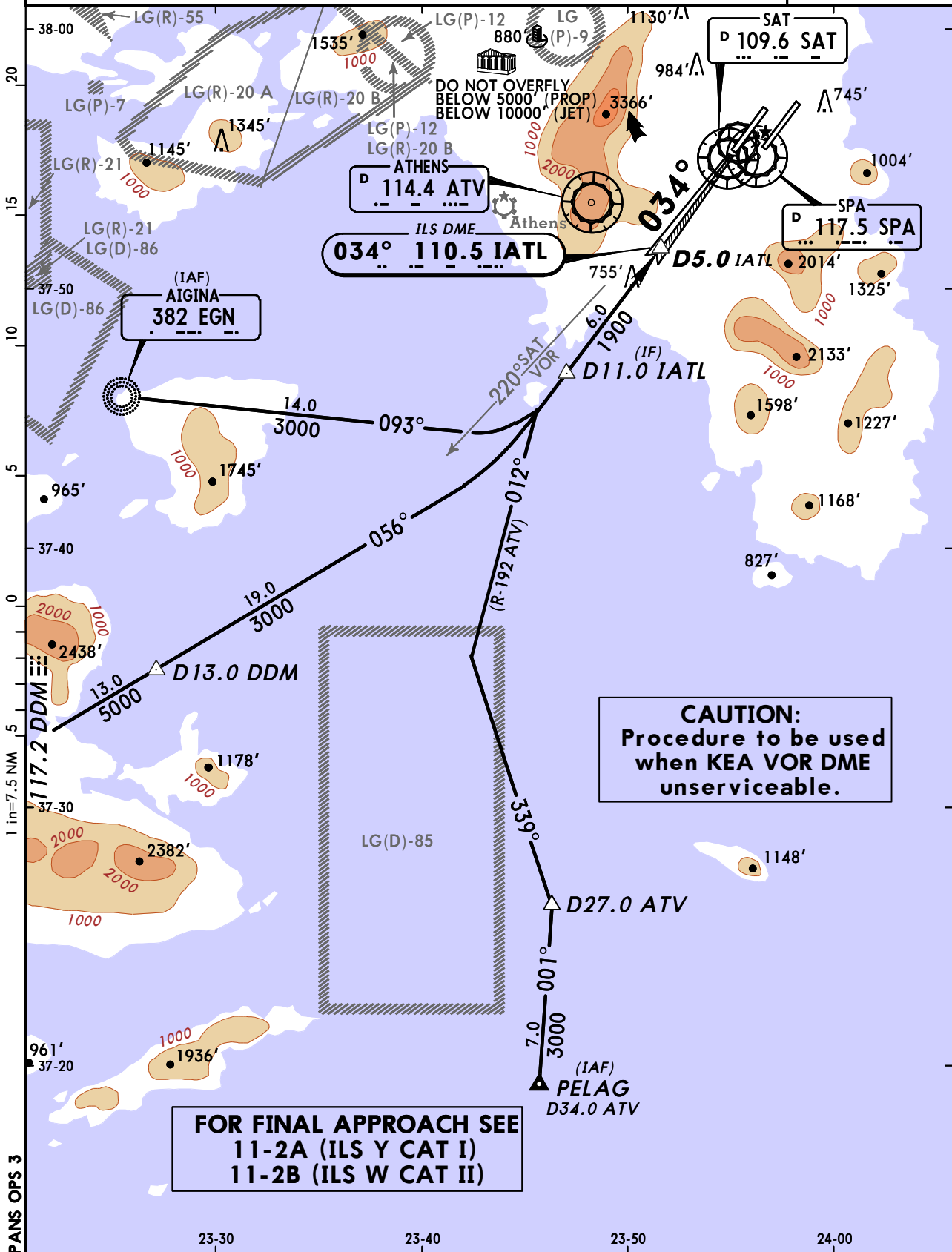
Operators applying U.S. Ops Specs: Autoland or HGS required below RVR 350m.

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
 20 NOV 09 **(11-2)**

ATHENS, GREECE
ILS Y or W Rwy 03L

ATIS		ATHENS Arrival (R) West East		Director (R)	Approach					
136.12		132.97	126.57	121.4	126.57	130.02	132.97	128.95	125.52	121.4
VENIZELOS Tower 136.27				Ground West 121.8 North 121.75 East 121.9 South 121.95						
LOC IATL 110.5	Final Apch Crs 034°	GS Refer to 11-2A (CAT I) 11-2B (CAT II)		DA(H)/RA Refer to 11-2A (CAT I) 11-2B (CAT II)		Apt Elev 308' RWY 255'				
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.										



LGAV/ATH

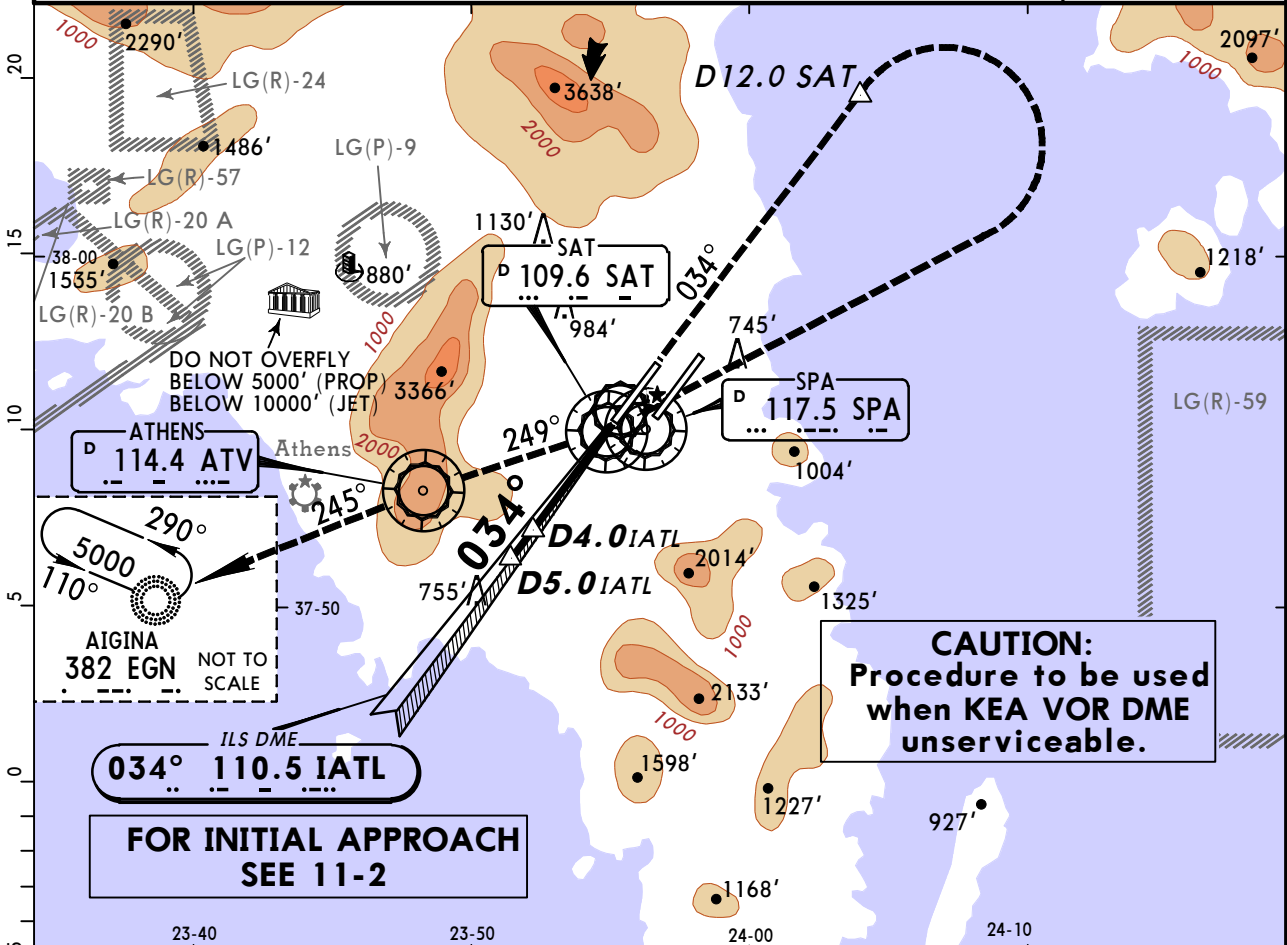
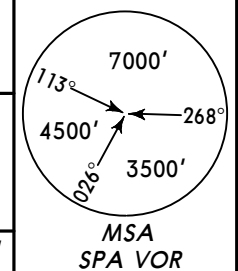
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
20 NOV 09 **(11-2A)**

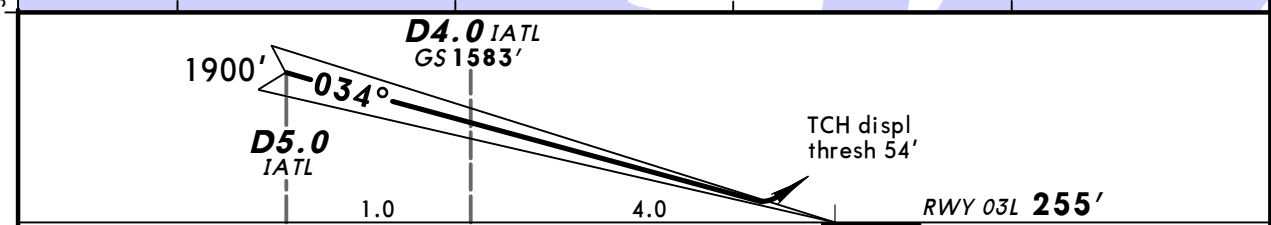
ATHENS, GREECE

ILS Y Rwy 03L

ATIS		ATHENS Arrival (R)		Director (R)		Approach					
136.12		West 132.97	East 126.57	121.4		126.57	130.02	132.97	128.95	125.52	121.4
VENIZELOS Tower				Ground							
136.27				West 121.8		North 121.75		East 121.9		South 121.95	
LOC IATL		Final Apch Crs		GS		ILS DA(H)		Apt Elev		308'	
110.5		034°		D4.0 IATL 1583' (1328')		455' (200')		RWY		255'	
MISSED APCH: Climb STRAIGHT AHEAD to intercept R-034 SAT. At D12.0 SAT turn RIGHT (MAX 200 KT) to SAT. Intercept R-249 SAT to ATV VOR and pass ATV VOR not below 5000'. Intercept R-245 ATV and proceed to EGN NDB at 5000' or above and hold.											
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.											



FOR INITIAL APPROACH SEE 11-2



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SAT 109.6	D12.0 SAT
GS	3.00°	377	485	539	647	755			

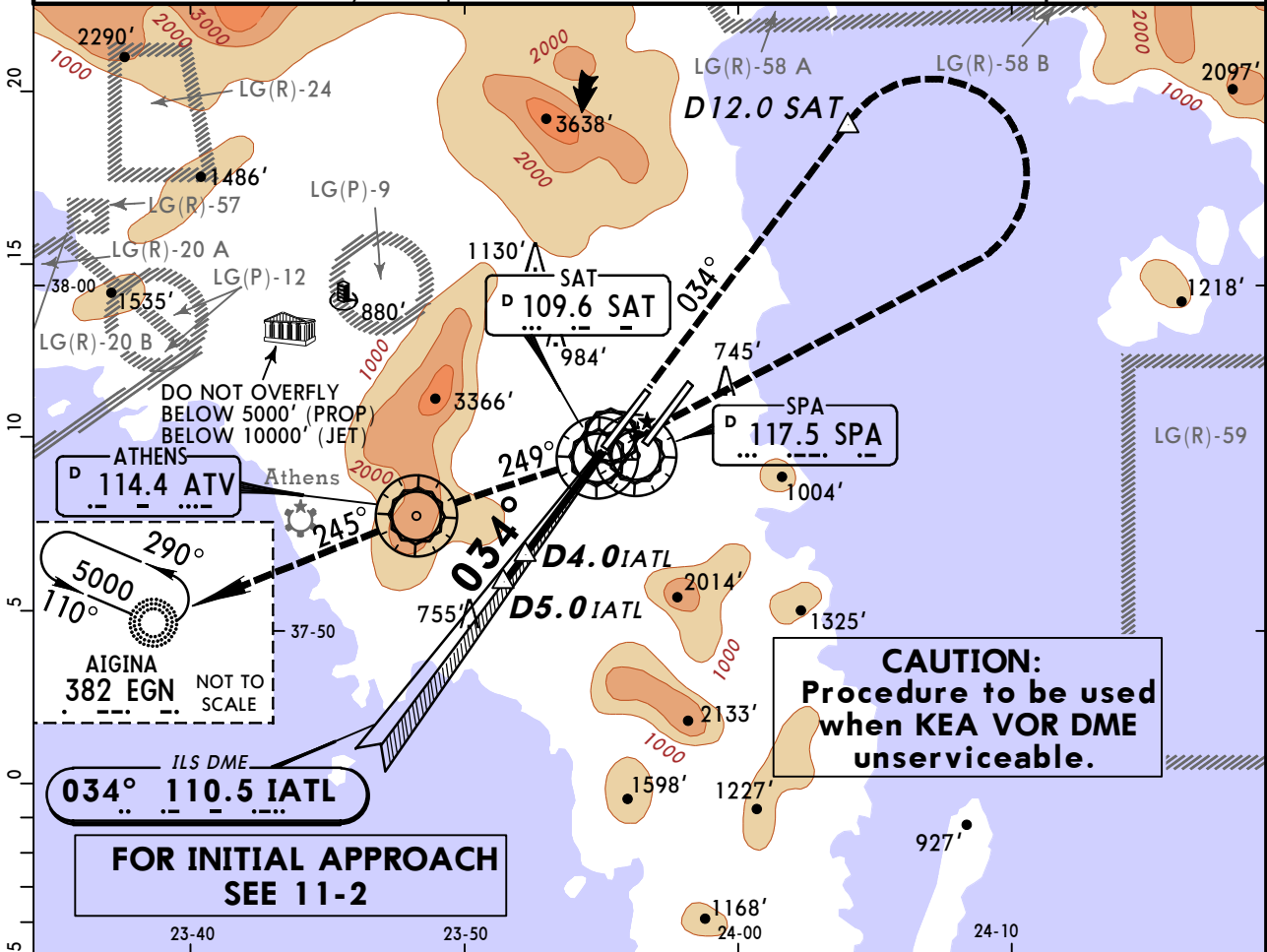
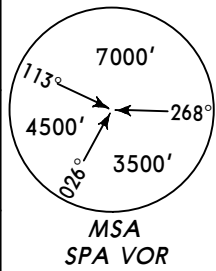
PANS OPS 3	Standard STRAIGHT-IN LANDING RWY 03L			CIRCLE-TO-LAND	
	ILS DA(H) 455' (200')			LOC (GS out)	
	FULL	Limited	ALS out	Max Kts	MDA(H) VIS
	A			100	1200' (892') 1500m
B			135	1300' (992') 1600m	
C	RVR 550m	RVR 750m	RVR 1200m	C	NOT APPLICABLE
D				D	NOT APPLICABLE

LGAV/ATH ATHENS, GREECE

ELEFTHERIOS VENIZELOS INTL 20 NOV 09 (11-2B) CAT II ILS W Rwy 03L

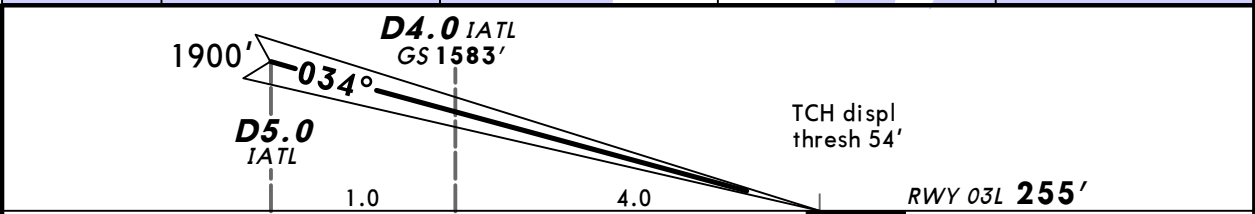


ATIS		ATHENS Arrival (R)		Director (R)		Approach					
136.12		West 132.97	East 126.57	121.4		126.57	130.02	132.97	128.95	125.52	121.4
VENIZELOS Tower 136.27				West 121.8		North 121.75		East 121.9		South 121.95	
LOC IATL 110.5		Final Apch Crs 034°		GS D4.0 IATL 1583' (1328')		CAT II ILS RA 97' DA(H) 355' (100')		Apt Elev 308'		RWY 255'	
MISSED APCH: Climb STRAIGHT AHEAD to intercept R-034 SAT. At D12.0 SAT turn RIGHT (MAX 200 KT) to SAT. Intercept R-249 SAT to ATV VOR and pass ATV VOR not below 5000'. Intercept R-245 ATV and proceed to EGN NDB at 5000' or above and hold.											
Alt Set: hPa Rwy Elev: 9 hPa Trans level: By ATC Trans alt: 9000' 1. DME REQUIRED. 2. Special Aircrew & Aircraft Certification Required. 3. ILS DME reads zero at rwy 03L displaced threshold.											



CAUTION:
Procedure to be used
when KEA VOR DME
unserviceable.

FOR INITIAL APPROACH
SEE 11-2



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SAT 109.6	D12.0 SAT
GS	3.00°	377	485	539	647	755			
							PAPI	↑	R-034

Standard STRAIGHT-IN LANDING RWY 03L
CAT II ILS
ABCD
RA 97'
DA(H) **355' (100')**

RVR **300m**

Operators applying U.S. Ops Specs: Autoland or HGS required below RVR 350m.

LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

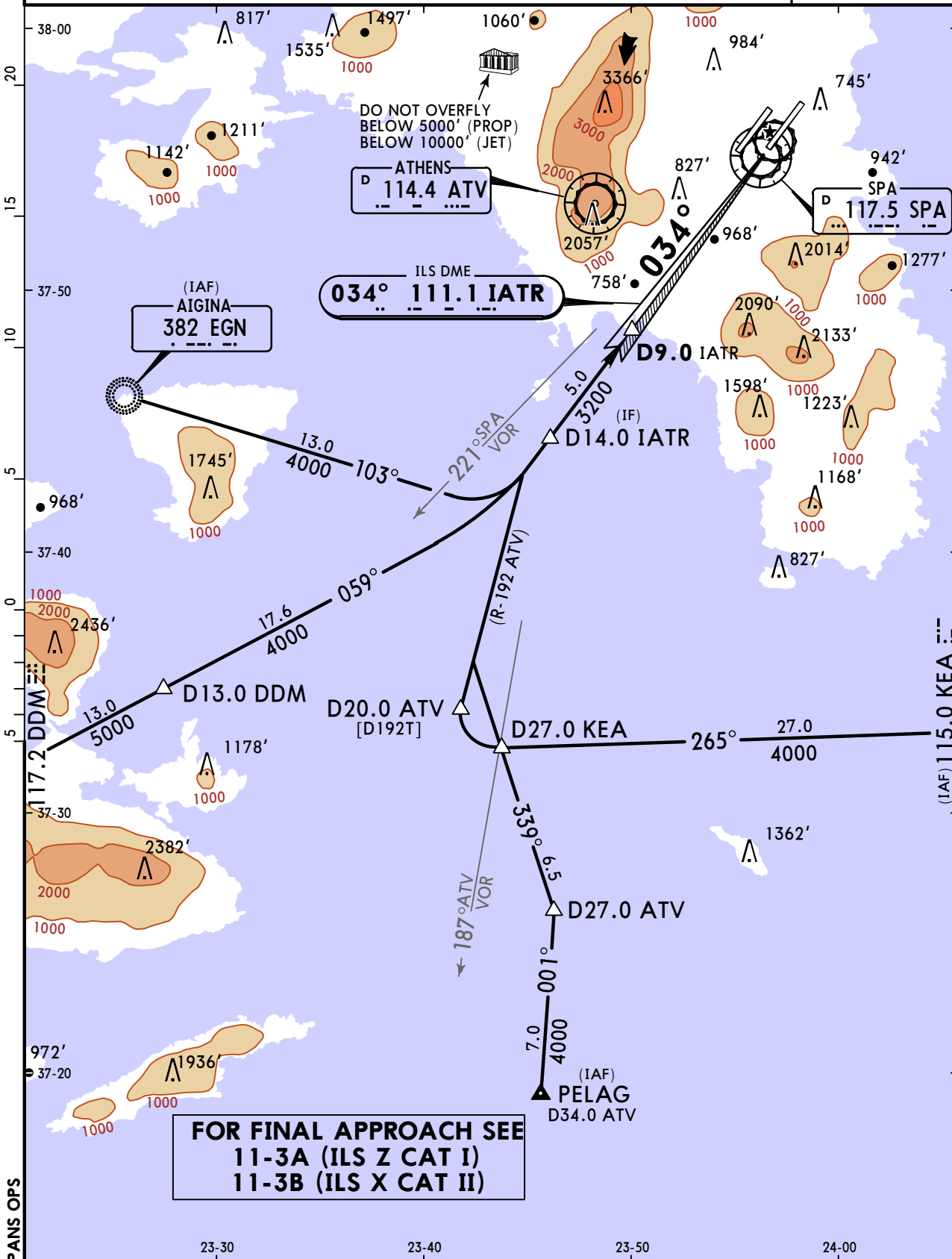
27 JUL 18 **(11-3)**



ATHENS, GREECE

ILS Z or X Rwy 03R

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)	Approach					
		West	East							
	136.125	132.975	126.575	121.4	126.575	130.025	132.975	128.950	125.525	121.4
	VENIZELOS Tower 118.625				Ground					
		West 121.8		North 121.750		East 121.9		South 121.950		
LOC IATR 111.1	Final Apch Crs 034°		GS Refer to 11-3A (CAT I) 11-3B (CAT II)		DA(H)/RA Refer to 11-3A (CAT I) 11-3B (CAT II)		Apt Elev 308' Rwy 271'		<p>MSA SPA VOR</p>	
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.										



LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

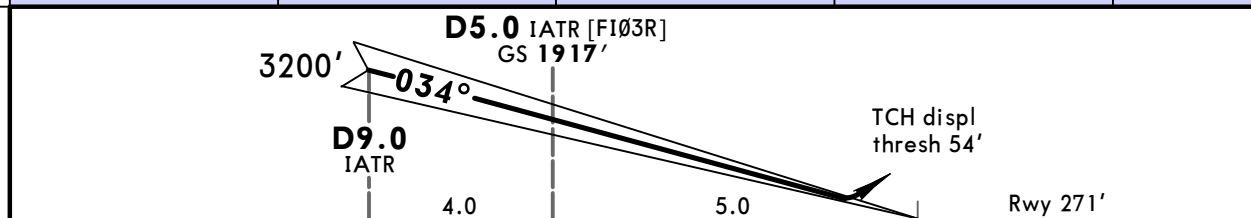
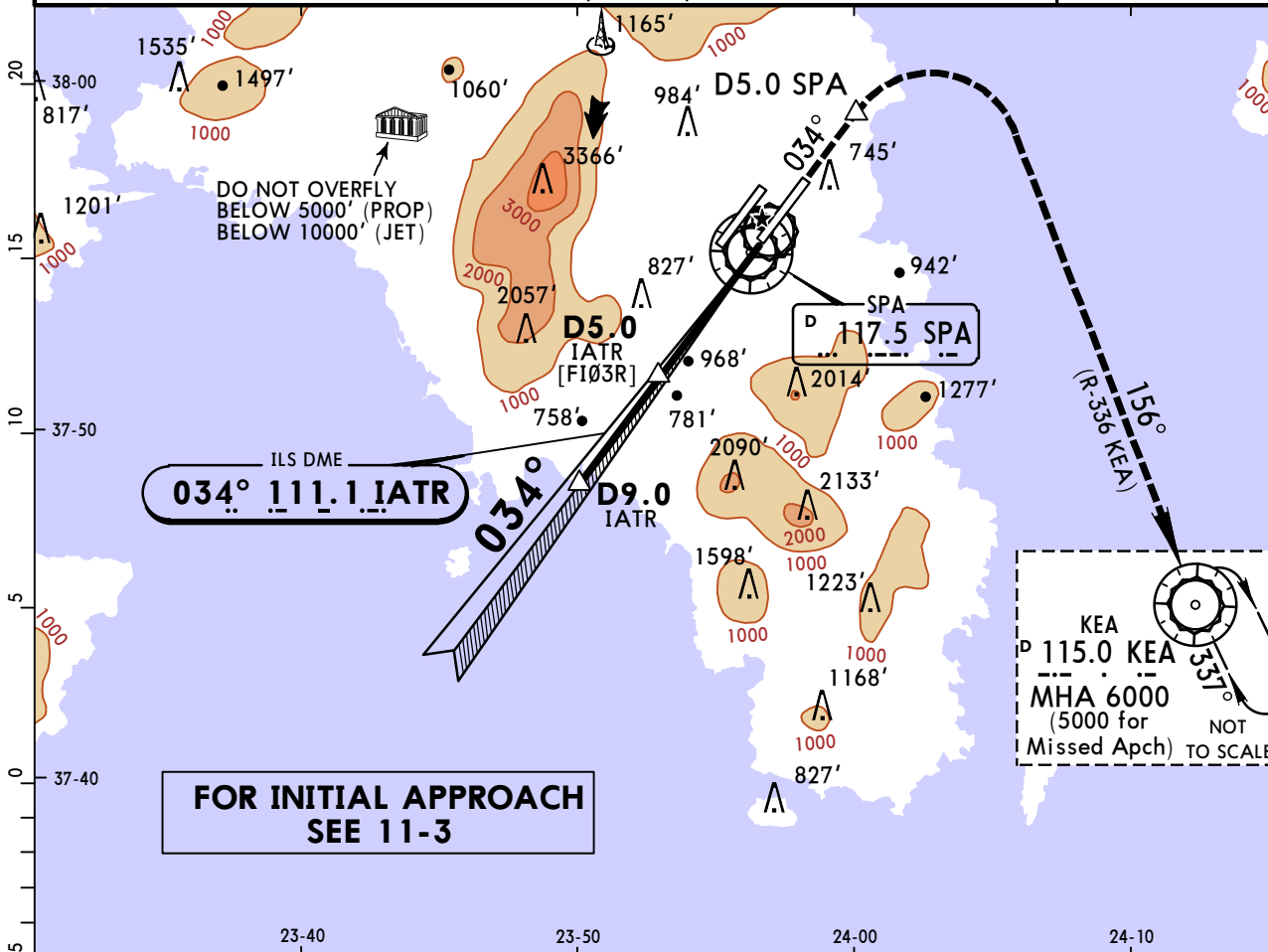
27 JUL 18 **(11-3A)**

ATHENS, GREECE

ILS Z Rwy 03R



ATIS	ATHENS Arrival (R) West	East	Director (R)	Approach				
136.125	132.975	126.575	121.4	126.575	130.025	132.975	128.950	125.525 121.4
VENIZELOS Tower 118.625			West 121.8		North 121.750		East 121.9 South 121.950	
LOC IATR 111.1	Final Apch Crs 034°	GS D5.0 IATR 1917' (1646')	ILS DA(H) 471' (200')		Apt Elev 308' Rwy 271'			
MISSED APCH: Climb STRAIGHT AHEAD, intercept and follow R-034 SPA. At D5.0 SPA turn RIGHT to intercept R-336 inbound to KEA VOR climbing to 5000' and hold.								
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



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SPA 117.5	D5.0 SPA
GS	3.00°	372	478	531	637	743			
							PAPI	↑	R-034

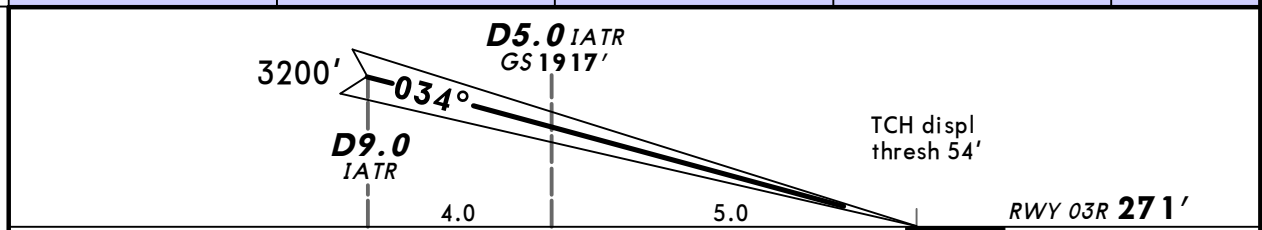
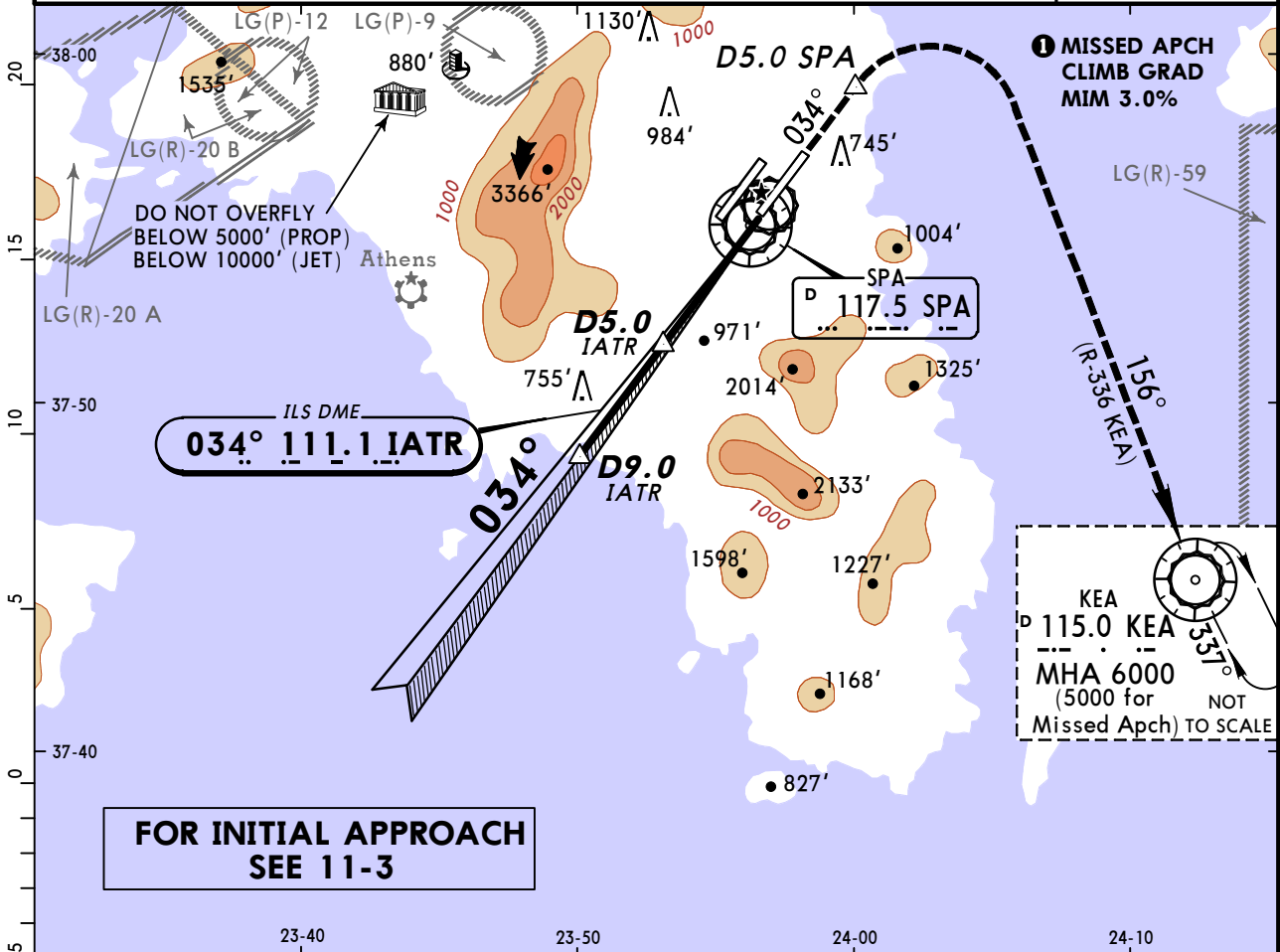
Standard STRAIGHT-IN LANDING RWY 03R				CIRCLE-TO-LAND				
ILS I DA(H) 471' (200')				LOC (GS out)				
FULL		TDZ or CL out		ALS out		Max Kts		
A						100	1200' (892')	1500m
B	RVR 550m	2 RVR 550m		RVR 1200m		135	1300' (992')	1600m
C						C	NOT APPLICABLE	
D						D	NOT APPLICABLE	

1 LACFT: DA(H) 581' (310'), FULL, TDZ or CL out: RVR 700m (W/o HUD/AP/FD: RVR 750m), ALS out: RVR 1400m. **2** W/o HUD/AP/FD: RVR 750m.

PANS OPS

LGAV/ATH **JEPPESEN** **ATHENS, GREECE**
ELEFTHERIOS VENIZELOS INTL 20 NOV 09 **(11-3B)** **CAT II ILS X Rwy 03R**

ATIS	ATHENS Arrival (R)		Director (R)	Approach				
136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52 121.4
VENIZELOS Tower			Ground					
118.62			West 121.8	North 121.75	East 121.9	South 121.95		
LOC IATR	Final Apch Crs	GS	CAT II ILS		Apt Elev	RWY		
111.1	034°	D5.0 IATR	RA 147'		308'	271'		
		1917' (1646')	DA(H) 421' (150')					
MISSED APCH: Climb STRAIGHT AHEAD, intercept and follow R-034 SPA. At D5.0 SPA turn RIGHT to intercept R-336 inbound to KEA VOR climbing to 5000' and hold.								
Alt Set: hPa Rwy Elev: 10 hPa Trans level: By ATC Trans alt: 9000' 1. DME REQUIRED. 2. Special Aircrew & Aircraft Certification Required. 3. ILS DME reads zero at rwy 03R displaced threshold.								MSA SPA VOR



Gnd speed-Kts	70	90	100	120	140	160	HTALS-II	SPA	D5.0
GS	3.00°	377	485	539	647	862	PAPI	117.5	SPA
								R-034	

Standard STRAIGHT-IN LANDING RWY 03R
 CAT II ILS
 Missed apch climb gradient mim 3.0% **1**
RA 147'
 DA(H) 421' (150')

RVR 450m

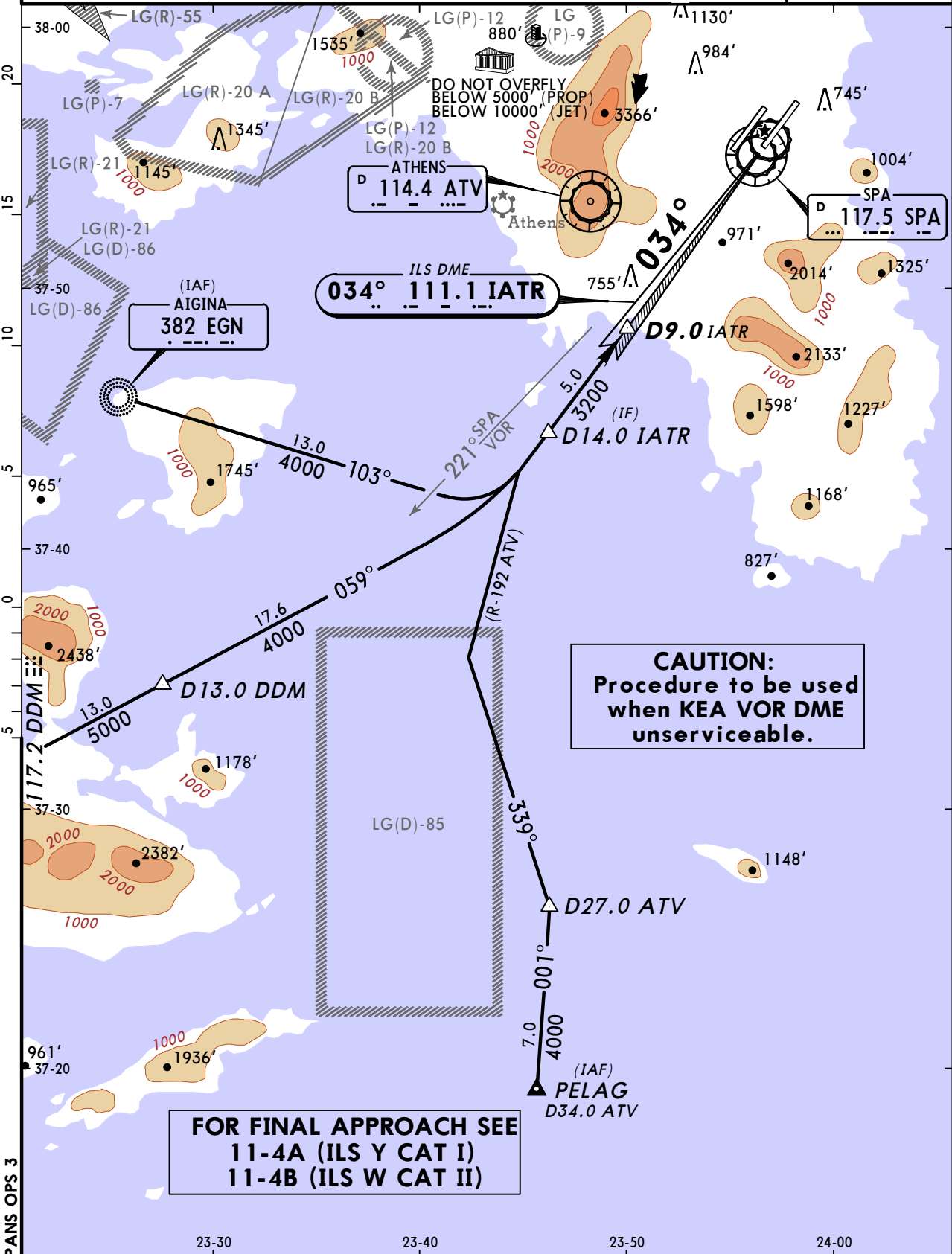
PANS OPS 3

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
 20 NOV 09 (11-4)

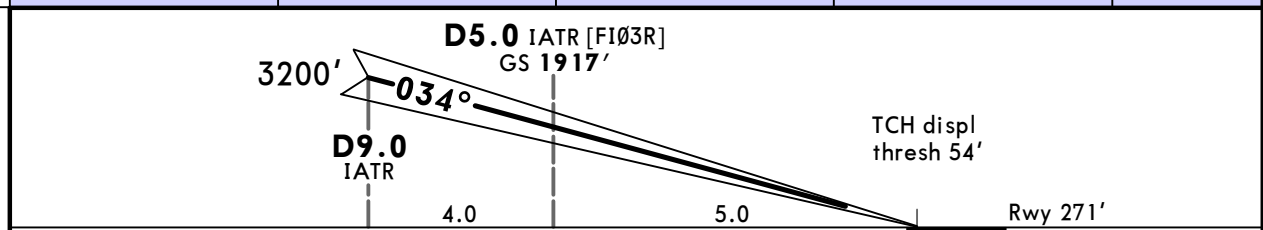
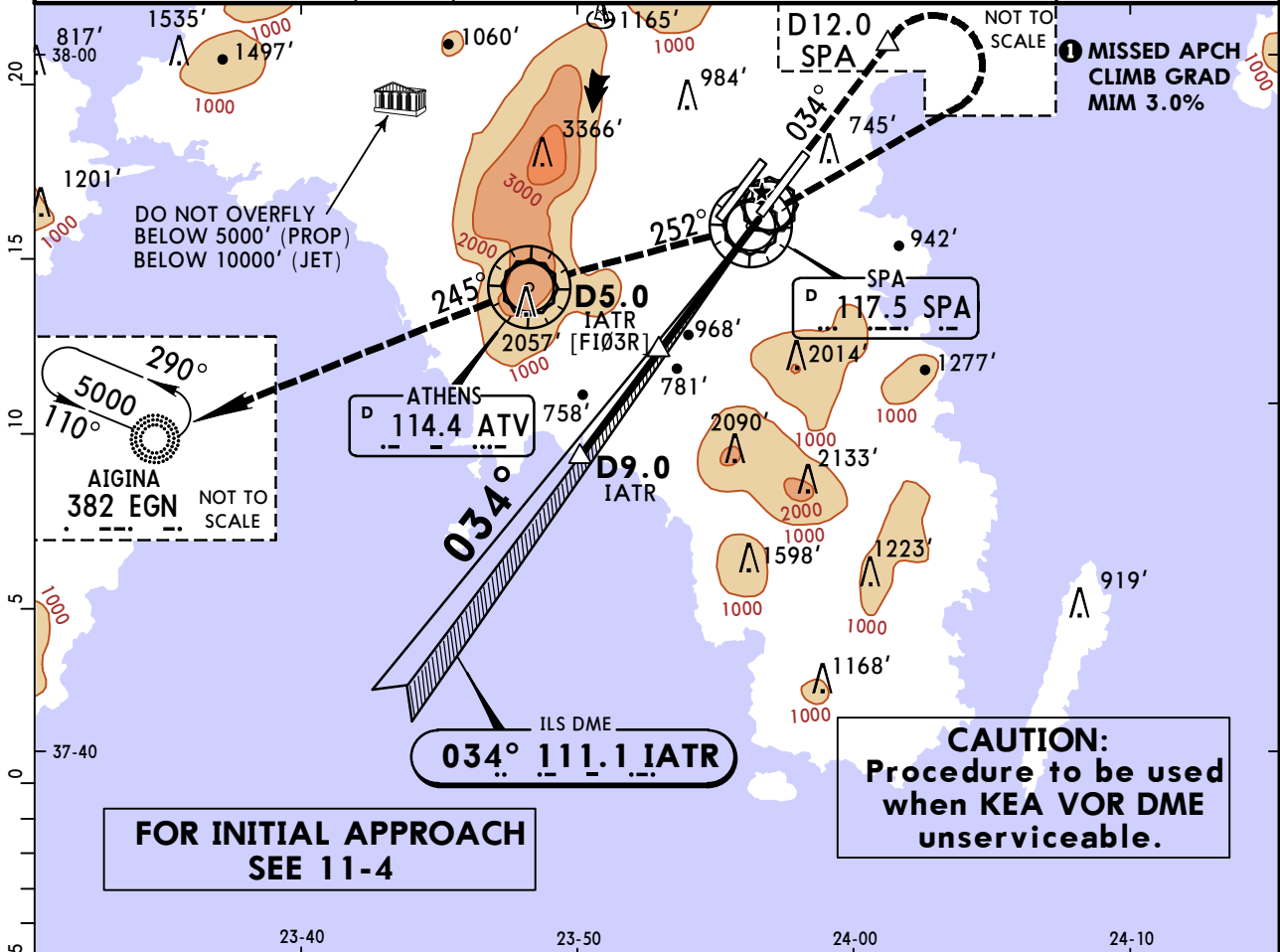
ATHENS, GREECE
ILS Y or W Rwy 03R

ATIS	ATHENS Arrival (R) West East		Director (R)	Approach					
136.12	132.97	126.57	121.4	126.57	130.02	132.97	128.95	125.52	121.4
VENIZELOS Tower 118.62			West 121.8	Ground North 121.75 East 121.9			South 121.95		
LOC IATR 111.1	Final Apch Crs 034°		GS Refer to 11-4A (CAT I) 11-4B (CAT II)	DA(H)/RA Refer to 11-4A (CAT I) 11-4B (CAT II)		Apt Elev 308' RWY 271'			<p>MSA SPA VOR</p>
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.									



LGAV/ATH **JEPPESEN** **ATHENS, GREECE**
ELEFTHERIOS VENIZELOS INTL 27 JUL 18 **(11-4B)** **CAT II ILS W Rwy 03R**

ATIS	ATHENS Arrival (R) West	East	Director (R)	Approach					
136.125	132.975	126.575	121.4	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower 118.625			West 121.8	North 121.750	East 121.9	Ground South 121.950			
LOC IATR 111.1	Final Apch Crs 034°	GS D5.0 IATR 1917' (1646')	CAT II ILS RA 147' DA(H) 421' (150')		Apt Elev 308' Rwy 271'				
MISSED APCH: Climb STRAIGHT AHEAD to intercept R-034 SPA. At D12.0 SPA turn RIGHT (MAX 200 KT) to SPA VOR. Intercept R-252 SPA to ATV VOR and pass ATV VOR not below 5000'. Intercept R-245 ATV and proceed to EGN NDB at 5000' or above and hold.									<p>MSA SPA VOR</p>
Alt Set: hPa Rwy Elev: 10 hPa Trans level: By ATC Trans alt: 9000'									
1. DME REQUIRED. 2. Special Aircrew & Aircraft Certification Required. 3. ILS DME reads zero at rwy 03R displaced threshold.									



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

Standard STRAIGHT-IN LANDING RWY 03R
 CAT II ILS
 Missed apch climb gradient mim 3.0% **I**
RA 147'
 DA(H) **421' (150')**

RVR 450m

LGAV/ATH

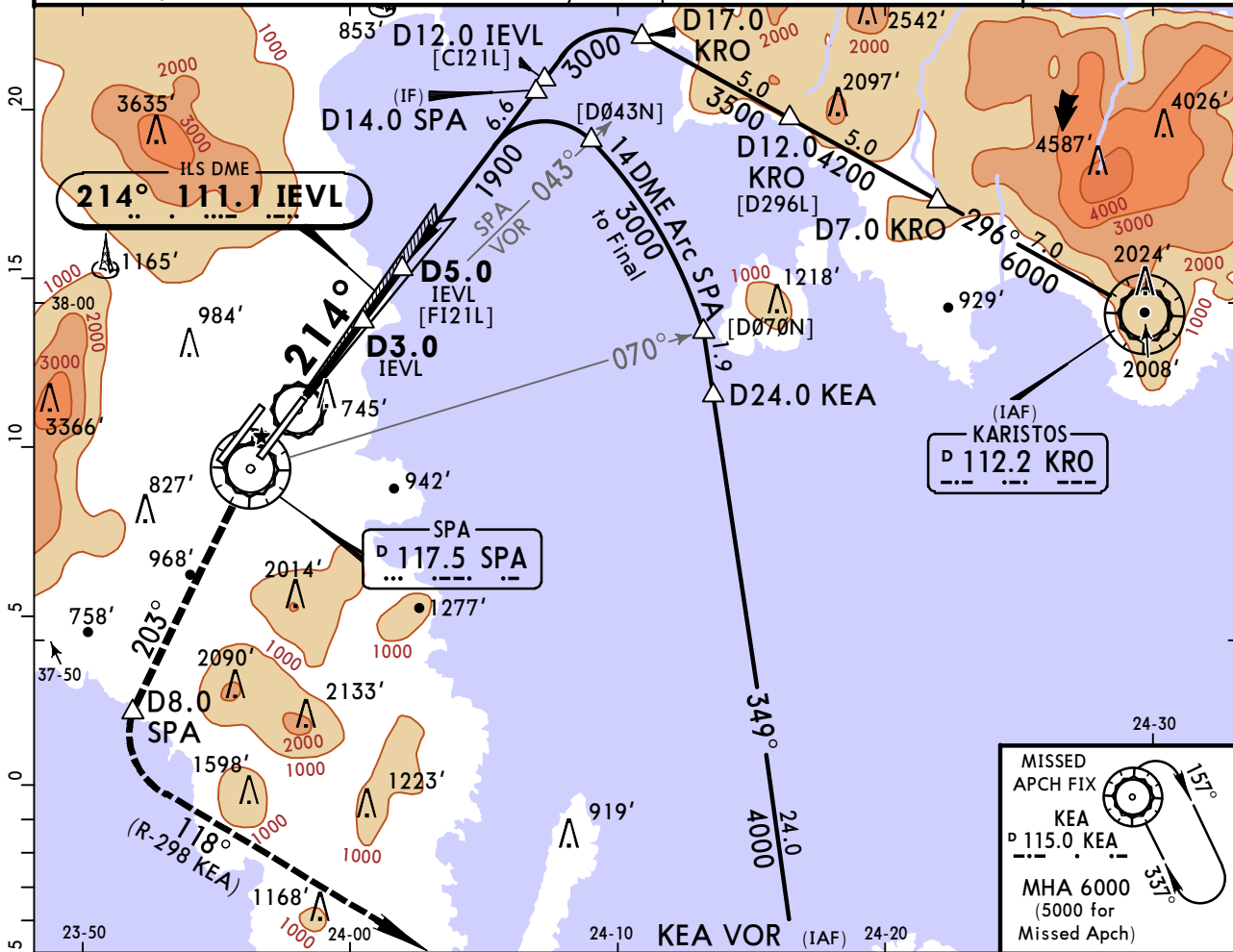
ELEFTHERIOS VENIZELOS INTL

27 JUL 18 **(11-5)**

ATHENS, GREECE

ILS Z Rwy 21L

ATIS	ATHENS Arrival (R)		Director (R)	Approach				
136.125	West 132.975	East 126.575	121.4	126.575	130.025	132.975	128.950	125.525 121.4
VENIZELOS Tower			Ground					
118.625			West 121.8	North 121.750	East 121.9	South 121.950		
LOC IEVL	Final Apch Crs	GS	ILS DA(H)	Apt Elev 308'				
111.1	214°	D3.0 IEVL 1312' (1009')	503' (200')	Rwy 303'				
MISSED APCH: Climb STRAIGHT AHEAD. At SPA VOR turn LEFT and intercept R-203 SPA. At D8.0 SPA turn LEFT to intercept R-298 inbound to KEA VOR climbing to 5000' and hold.								
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		



D3.0 IEVL GS 1312'		1900'	
TCH displ thresh 54'		214°	
Rwy 303'		D5.0 IEVL [F121L]	
3.0		2.0	

Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SPA	D8.0	SPA
GS	3.00°	372	478	531	637	743	PAP	117.5	SPA	117.5
								↑	LT	on R-203

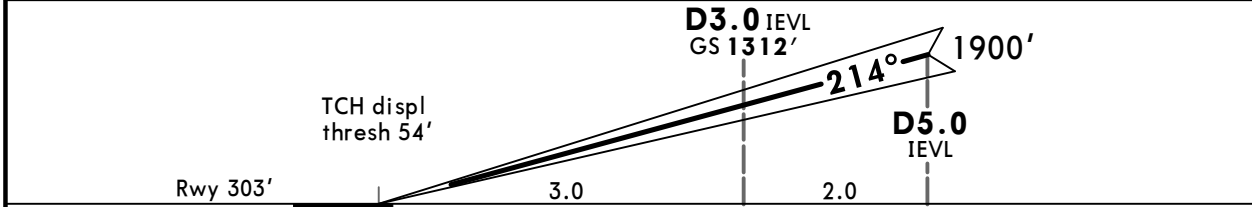
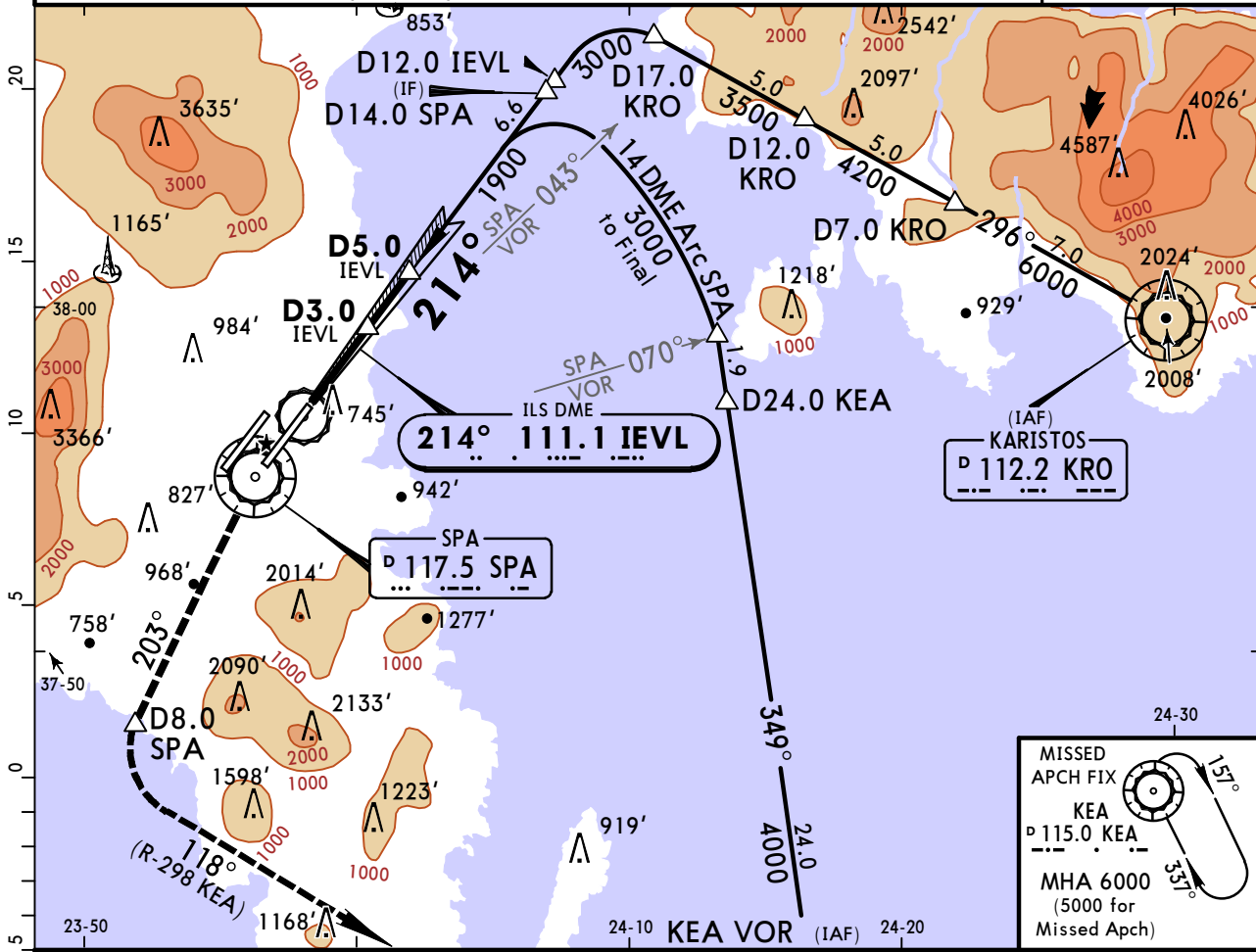
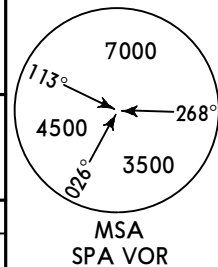
PANS OPS	Standard STRAIGHT-IN LANDING RWY 21L			CIRCLE-TO-LAND	
	ILS DA(H) 503' (200')			LOC (GS out)	
	FULL		TDZ or CL out	ALS out	
	A			Max Kts	MDA(H) VIS
	B	RVR 550m	■ RVR 550m	100	1200' (892') 1500m
C			135	1300' (992') 1600m	
D			C	NOT APPLICABLE	
			D	NOT APPLICABLE	
■ W/o HUD/AP/FD: RVR 750m.					

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
27 JUL 18 **(11-5A)**

ATHENS, GREECE
CAT II ILS X Rwy 21L

ATIS	ATHENS Arrival (R) West	East	Director (R)	Approach					
136.125	132.975	126.575	121.4	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower			Ground						
118.625			West 121.8	North 121.750	East 121.9	South 121.950			
LOC IEVL	Final Apch Crs	GS	CAT II ILS	Apt Elev 308'					
111.1	214°	D3.0 IEVL	RA 95'	Rwy 303'					
			DA(H) 403'(100')						
MISSED APCH: Climb STRAIGHT AHEAD. At SPA VOR turn LEFT and intercept R-203 SPA. At D8.0 SPA then turn LEFT to intercept R-298 inbound to KEA VOR climbing to 5000' and hold.									
Alt Set: hPa		Rwy Elev: 11 hPa		Trans level: By ATC		Trans alt: 9000'			
1. DME REQUIRED. 2. Special Aircrew & Aircraft Certification Required. 3. ILS DME reads zero at rwy 21L displaced threshold.									



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SPA	D8.0	SPA
GS	3.00°	372	478	531	637	743	PAPI	117.5	SPA	117.5
								↑	LT	on R-203

Standard STRAIGHT-IN LANDING RWY 21L
CAT II ILS
ABCD
RA 95'
DA(H) 403'(100')

PANS OPS
RVR 300m

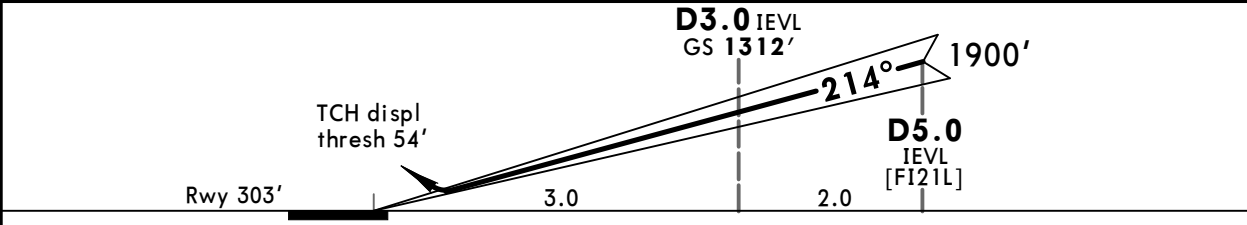
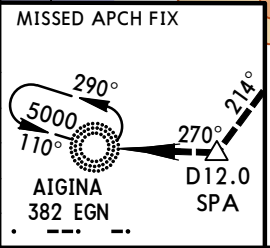
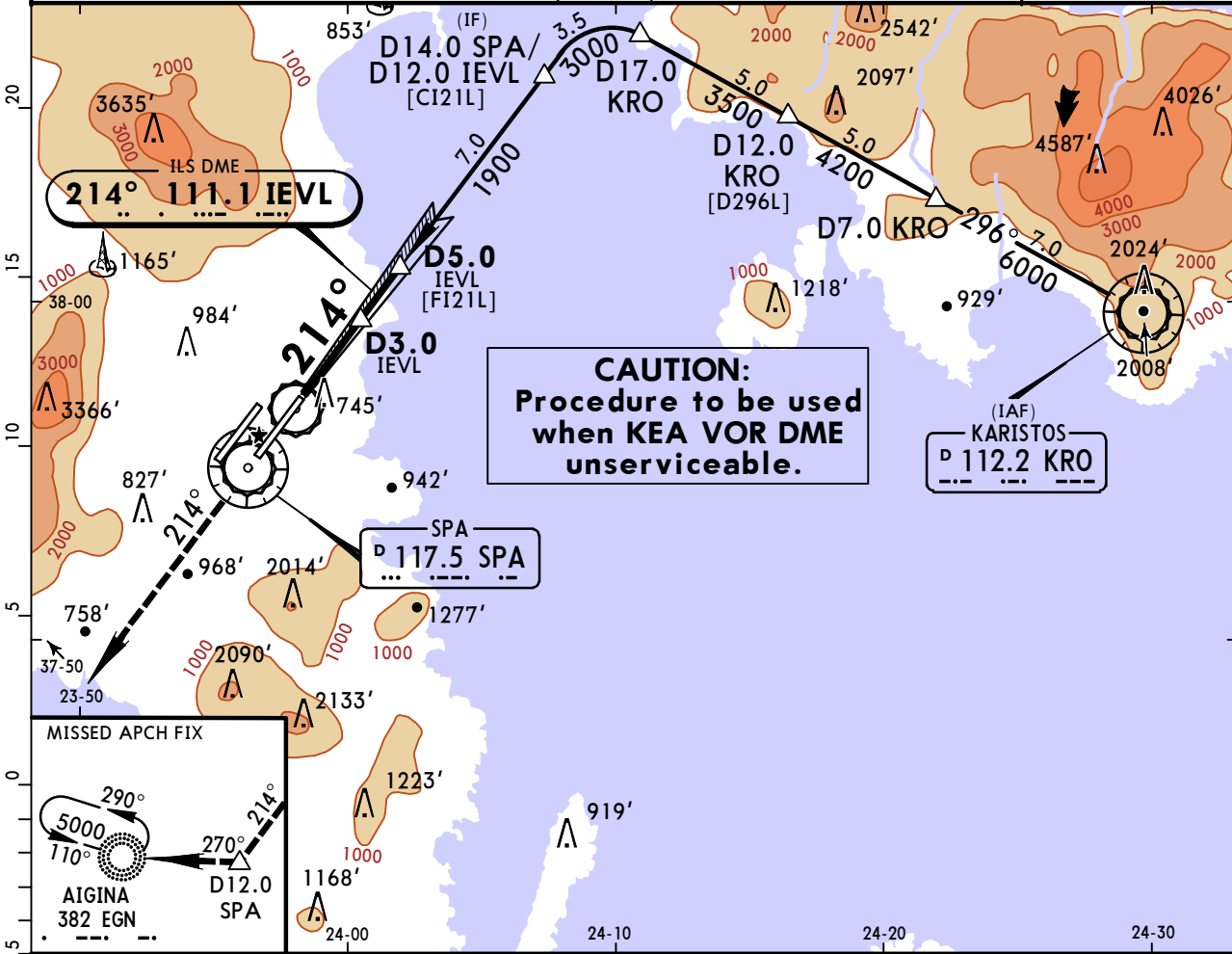
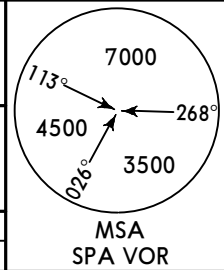
LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
27 JUL 18 (11-6)

ATHENS, GREECE
ILS Y Rwy 21L

ATIS	ATHENS Arrival (R) West	East	Director (R)	Approach					
136.125	132.975	126.575	121.4	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower			Ground						
118.625			West 121.8	North 121.750	East 121.9	South 121.950			
LOC IEVL	Final Apch Crs	GS	ILS DA(H)	Apt Elev 308'		Rwy 303'			
111.1	214°	D3.0 IEVL 1312' (1009')	503' (200')						
MISSED APCH: Climb STRAIGHT AHEAD to SPA VOR and intercept R-214 SPA. At D12.0 SPA turn RIGHT to intercept 270° inbound to EGN NDB climbing to 5000' and hold.									
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.									



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SPA 117.5 R-214	D12.0 SPA
GS	3.00°	372	478	531	637	743			

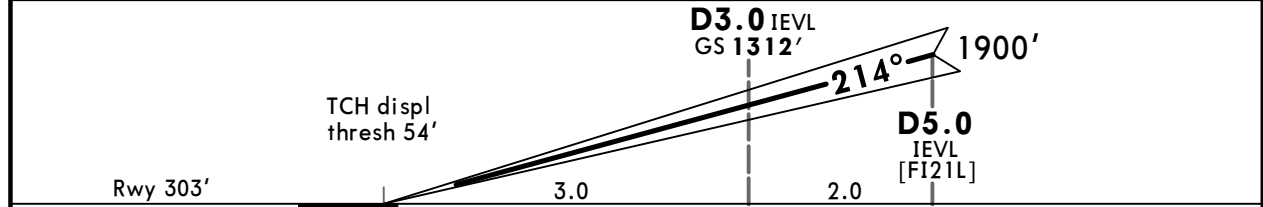
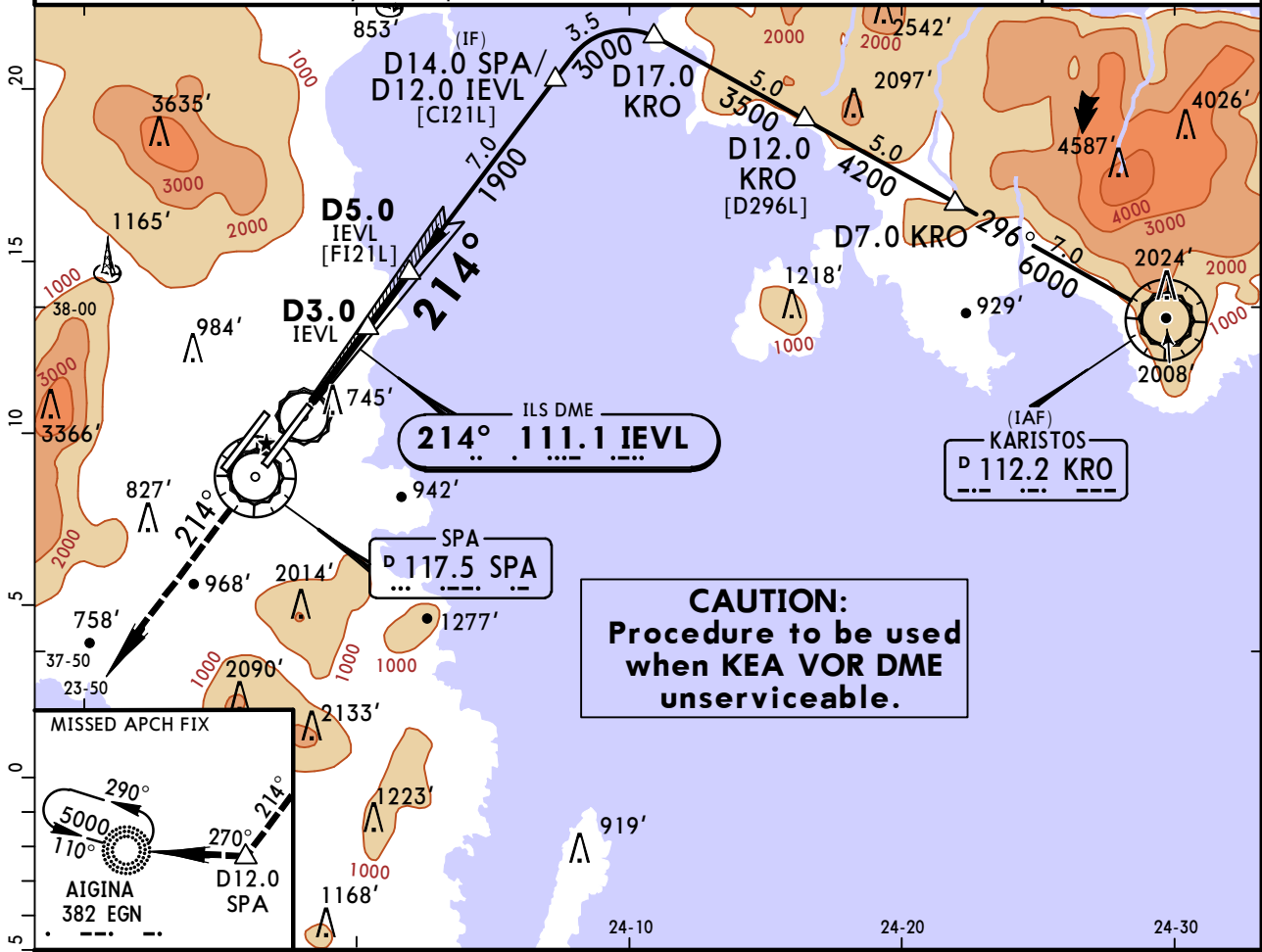
PANS OPS	Standard STRAIGHT-IN LANDING RWY 21L			LOC (GS out)	CIRCLE-TO-LAND			
	ILS DA(H) 503' (200')				NOT APPLICABLE	Max Kts	MDA(H) VIS	
	FULL	TDZ or CL out	ALS out	100		1200' (892')	1500m	
	A	RVR 550m	RVR 550m	RVR 1200m		135	1300' (992')	1600m
	B					C	NOT APPLICABLE	
C				D				
D	W/o HUD/AP/FD: RVR 750m.							

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
27 JUL 18 **(11-6A)**

ATHENS, GREECE
CAT II ILS W Rwy 21L

ATIS	ATHENS Arrival (R)		Director (R)	Approach				
136.125	West 132.975	East 126.575	121.4	126.575	130.025	132.975	128.950	125.525 121.4
VENIZELOS Tower			Ground					
118.625			West 121.8	North 121.750	East 121.9	South 121.950		
LOC IEVL	Final Apch Crs	GS	CAT II ILS		Apt Elev 308'			
111.1	214°	D3.0 IEVL 1312' (1009')	RA 95'		Rwy 303'			
			DA(H) 403' (100')					
MISSED APCH: Climb STRAIGHT AHEAD to SPA VOR and intercept R-214 SPA. At D12.0 SPA turn RIGHT to intercept 270° inbound to EGN NDB climbing to 5000' and hold.								<p>MSA SPA VOR</p>
Alt Set: hPa		Rwy Elev: 11 hPa	Trans level: By ATC		Trans alt: 9000'			
1. DME REQUIRED. 2. Special Aircrew & Aircraft Certification Required. 3. ILS DME reads zero at rwy 21L displaced threshold.								



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	SPA 117.5 R-214	D12.0 SPA
GS	3.00°	372	478	531	637	849			

Standard STRAIGHT-IN LANDING RWY 21L
 CAT II ILS
 ABCD
 RA 95'
 DA(H) 403' (100')

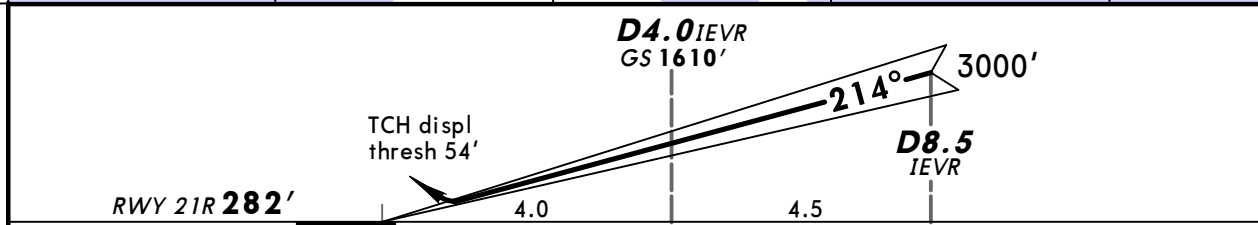
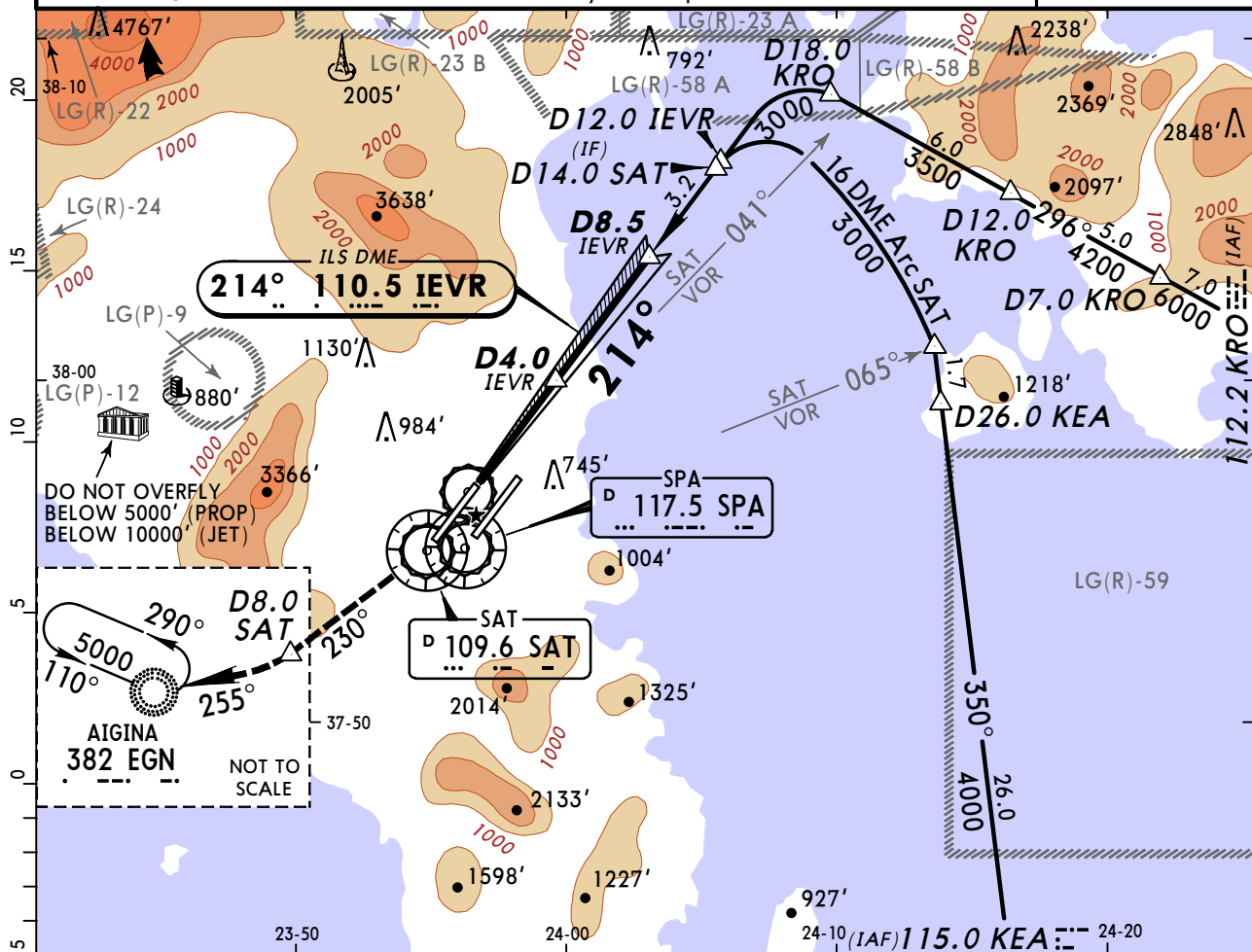
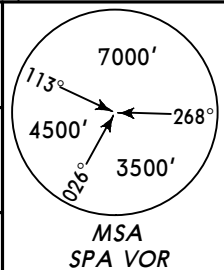
RVR 300m

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
20 NOV 09 **(11-7)**

ATHENS, GREECE
ILS Z Rwy 21R

ATIS	ATHENS Arrival (R)		Director (R)	Approach					
136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52	121.4
VENIZELOS Tower			Ground						
136.27			West 121.8	North 121.75	East 121.9	South 121.95			
LOC IEVR	Final Apch Crs	GS DA.0 IEVR	ILS DA(H) Refer to Minimums	Apt Elev 308'		RWY 282'			
110.5	214°	1610' (1328')							
MISSED APCH: Climb STRAIGHT AHEAD to SAT VOR, then turn RIGHT to intercept R-230 SAT. At D8.0 SAT turn RIGHT onto 255° to NDB climbing to 5000' and hold.									
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.							



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SAT 109.6	D8.0 SAT on R-230	SAT 109.6
GS	3.00°	377	485	539	647	755	PAPI	↑	RT	

Standard				STRAIGHT-IN LANDING RWY 21R				CIRCLE-TO-LAND			
Missed apch climb gradient ILS		Missed apch climb gradient ILS		LOC (GS out)		Max Kts		MDA(H)		VIS	
mim 4.0%		mim 2.5%				100		1200' (892')		1500m	
DA(H) 682' (400')		A: 935' (653') C: 955' (673')				135		1300' (992')		1600m	
FULL/Limited		B: 945' (663') D: 965' (683')				C/D		NOT APPLICABLE		NOT APPLICABLE	
ALS out		FULL/Limited									
ALS out		ALS out									
RVR 1100m		RVR 1500m		RVR 1500m							
RVR 1800m		CMV 2400m		CMV 2400m							

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

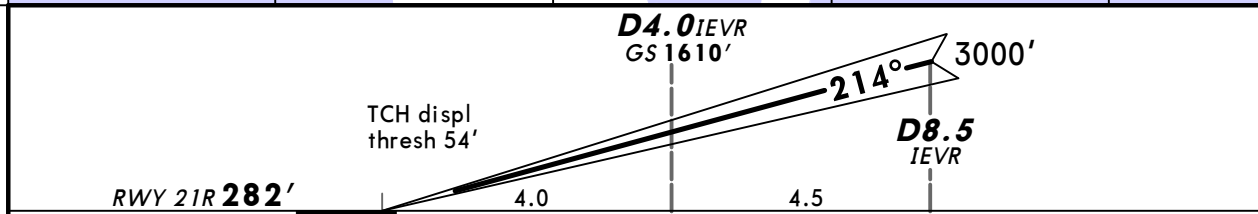
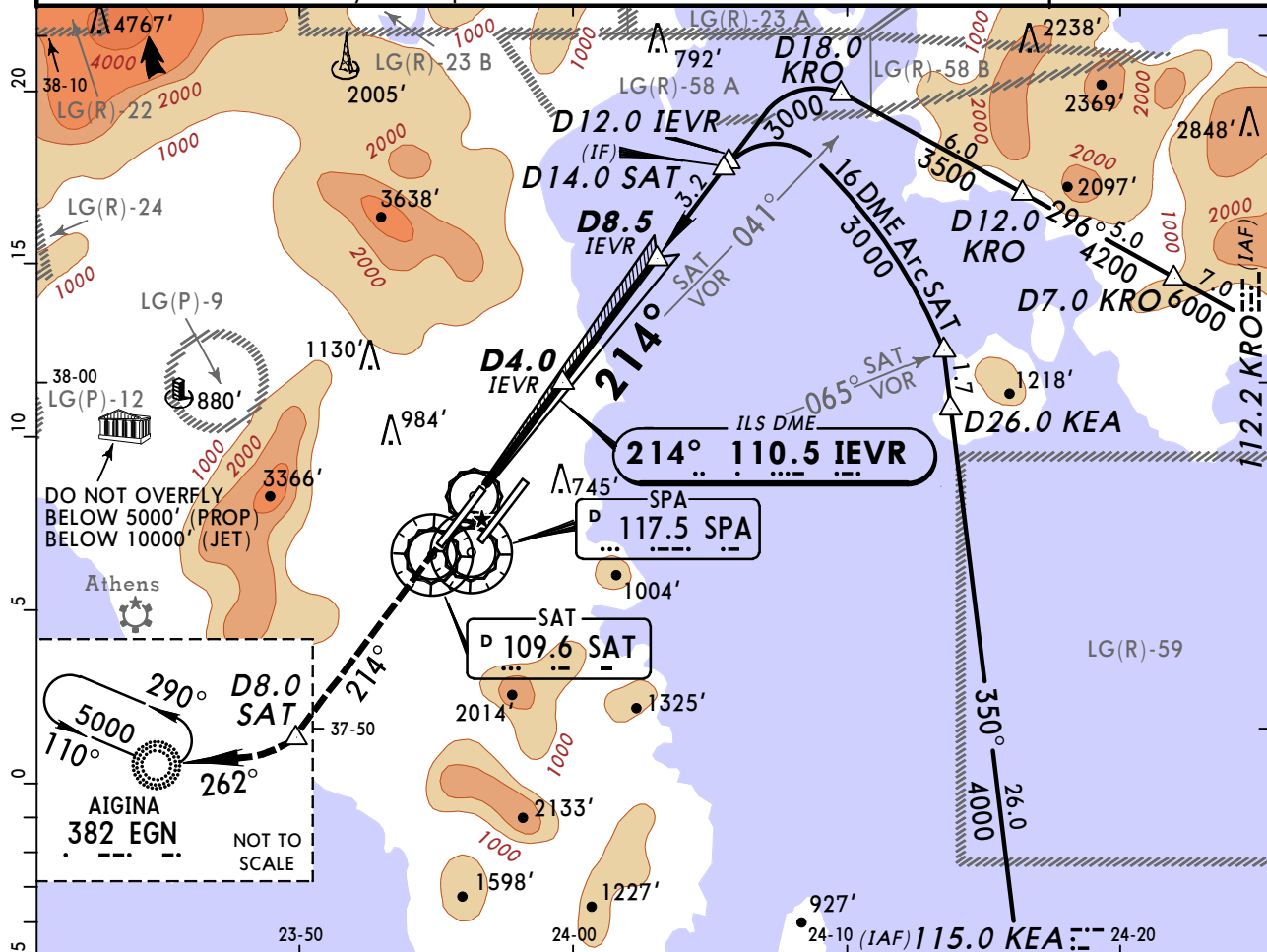
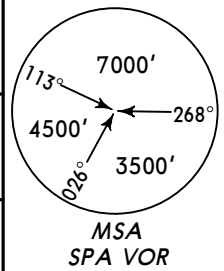
JEPPESSEN
 20 NOV 09 **(11-7A)**

ATHENS, GREECE
CAT II ILS X Rwy 21R

ATIS 136.12	ATHENS Arrival (R) West 132.97 East 126.57	Director (R) 121.4	Approach 126.57 130.02 132.97 128.95 125.52 121.4				
VENIZELOS Tower 136.27		West 121.8	North 121.75	East 121.9	South 121.95		
LOC IEVR 110.5	Final Apch Crs 214°	GS D4.0 IEVR 1610' (1328')	CAT II ILS RA/DA(H) Refer to Minimums	Apt Elev 308'	RWY 282'		

MISSED APCH: Climb STRAIGHT AHEAD. After passing D8.0 SAT turn RIGHT onto 262° to NDB climbing to 5000' and hold.

Alt Set: hPa Rwy Elev: 10 hPa Trans level: By ATC Trans alt: 9000'
 1. **DME REQUIRED.** 2. Special Aircrew & Aircraft Certification Required.
 3. ILS DME reads zero at rwy 21R displaced threshold.



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	D8.0 SAT
GS	3.00°	377	485	539	647	755		

Standard				STRAIGHT-IN LANDING RWY 21R CAT II ILS			
Missed apch climb grad mim 3.0%		Missed apch climb grad mim 2.5%		Missed apch climb grad mim 2.5%		Missed apch climb grad mim 2.5%	
ABCD 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')			
RVR 300m	RVR 400m		RVR 450m				

1 Climb gradient up to 1200'.
2 Operators applying U.S. Ops Specs: Autoland or HGS required below RVR 350m.

LGAV/ATH

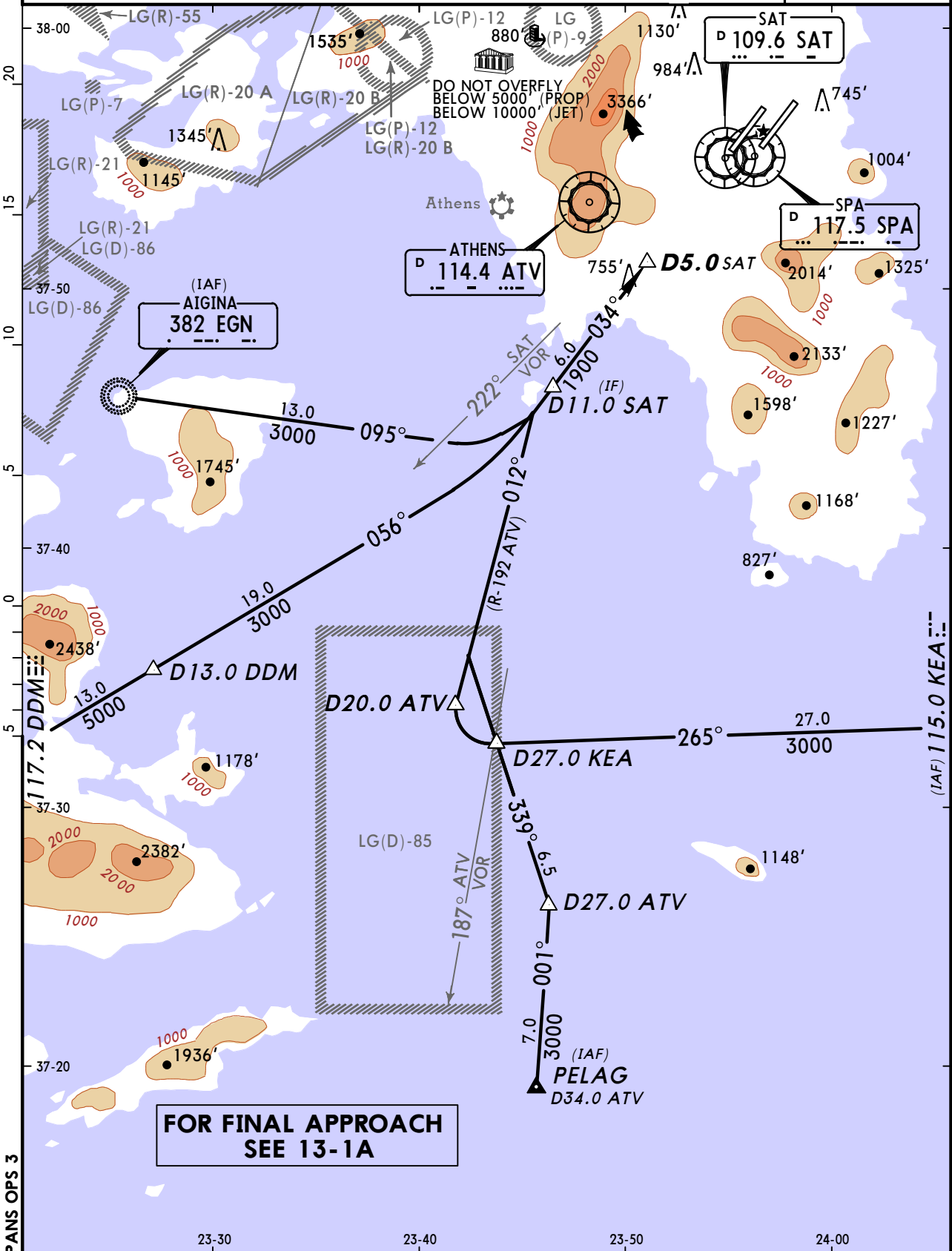
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
20 NOV 09 (13-1)

ATHENS, GREECE

VOR Rwy 03L

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)	Approach					
	136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52	121.4
	VENIZELOS Tower			Ground						
	136.27			West 121.8	North 121.75	East 121.9	South 121.95			
VOR SAT	Final Apch Crs		Minimum Alt	DA(H)	Apt Elev		RWY			
109.6	034°		Refer to chart 13-1A	Refer to chart 13-1A	308'		255'			
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC			Trans alt: 9000'			
DME REQUIRED.										

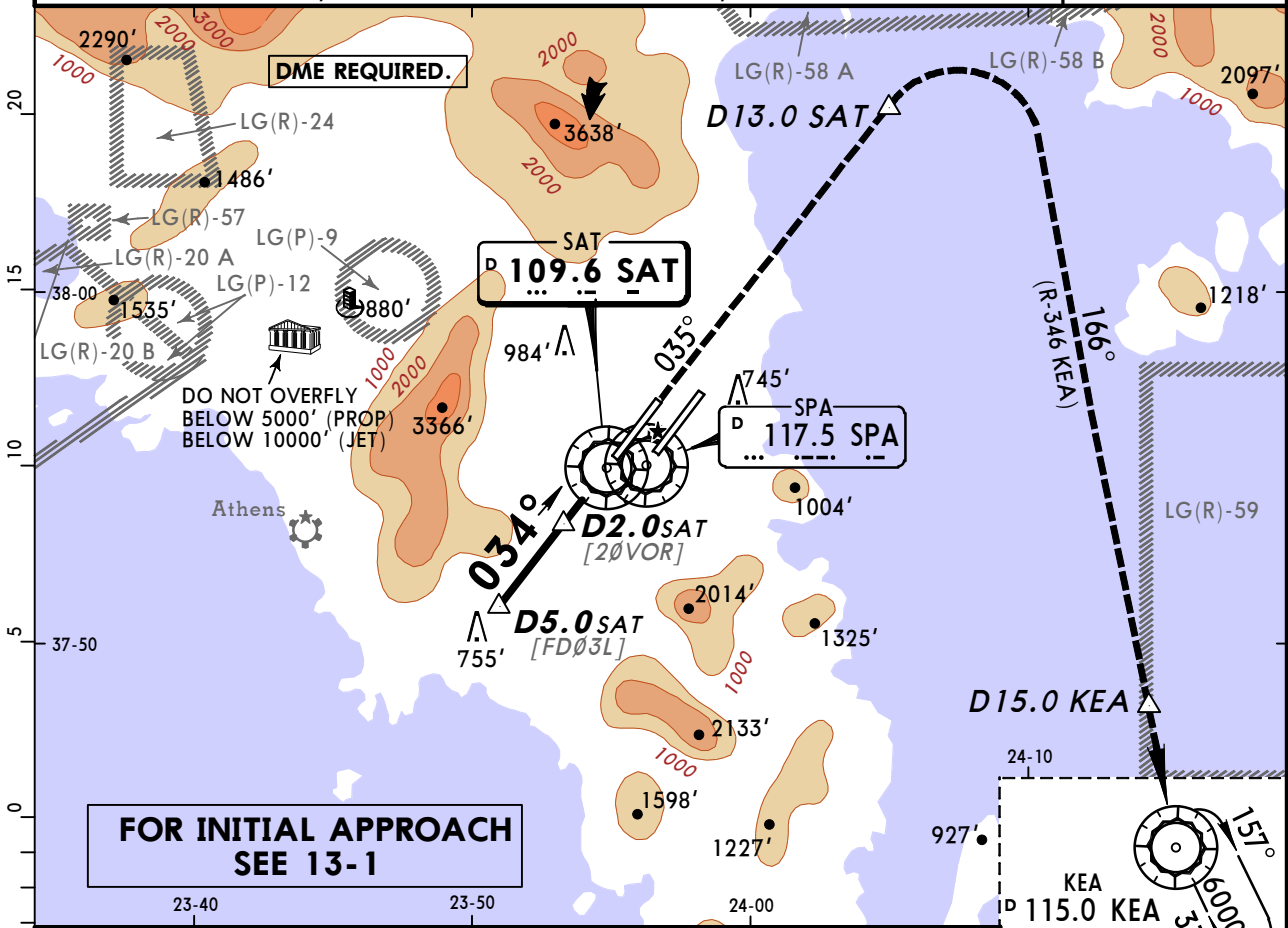


LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

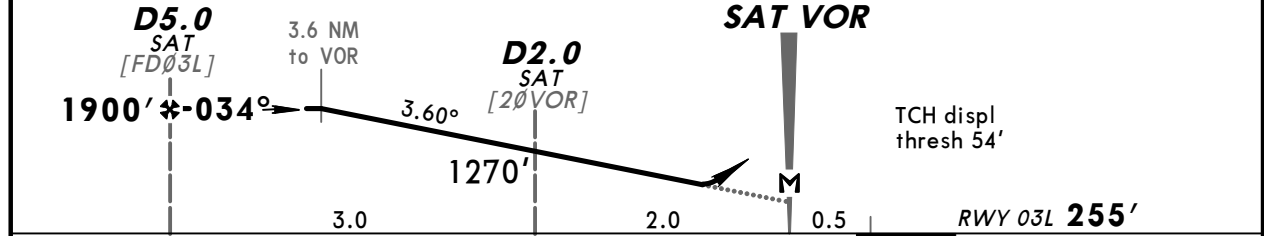
JEPPESSEN
 20 NOV 09 **(13-1A)**

ATHENS, GREECE
VOR Rwy 03L

ATIS	ATHENS Arrival (R)		Director (R)	Approach			
136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95 125.52 121.4
VENIZELOS Tower			Ground				
136.27			West 121.8	North 121.75	East 121.9	South 121.95	
VOR SAT	Final Apch Crs	Minimum Alt	DA(H)	Apt Elev		308'	
109.6	034°	D5.0 SAT 1900' (1645')	800' (545')	RWY 255'			
MISSED APCH: Climb STRAIGHT AHEAD on R-035 SAT. At D13.0 SAT turn RIGHT (MAX 220 KT). Intercept R-346 KEA and proceed to KEA VOR climbing to 6000' and hold. Cross D15.0 KEA at 6000'.							
Alt Set: hPa		Rwy Elev: 9 hPa	Trans level: By ATC		Trans alt: 9000'		MSA SPA VOR



SAT DME	3.6	3.0	2.0	1.0	
ALTITUDE	1900'	1680'	1290'	910'	NOT TO SCALE



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SAT	D13.0
Descent Angle 3.60°	446	573	637	765	892	1019	PAPI	on 109.6	SAT
MAP at SAT VOR								R-035	D13.0 SAT

PANS OPS 3	Standard STRAIGHT-IN LANDING RWY 03L				CIRCLE-TO-LAND	
	DA(H) 800' (545')				Max Kts	
	ALS out				100	MDA(H) 1200' (892') VIS 1500m
	RVR 1500m				135	1300' (992') 1600m
RVR 1800m				CMV 2400m	C	NOT APPLICABLE
				D		

LGAV/ATH

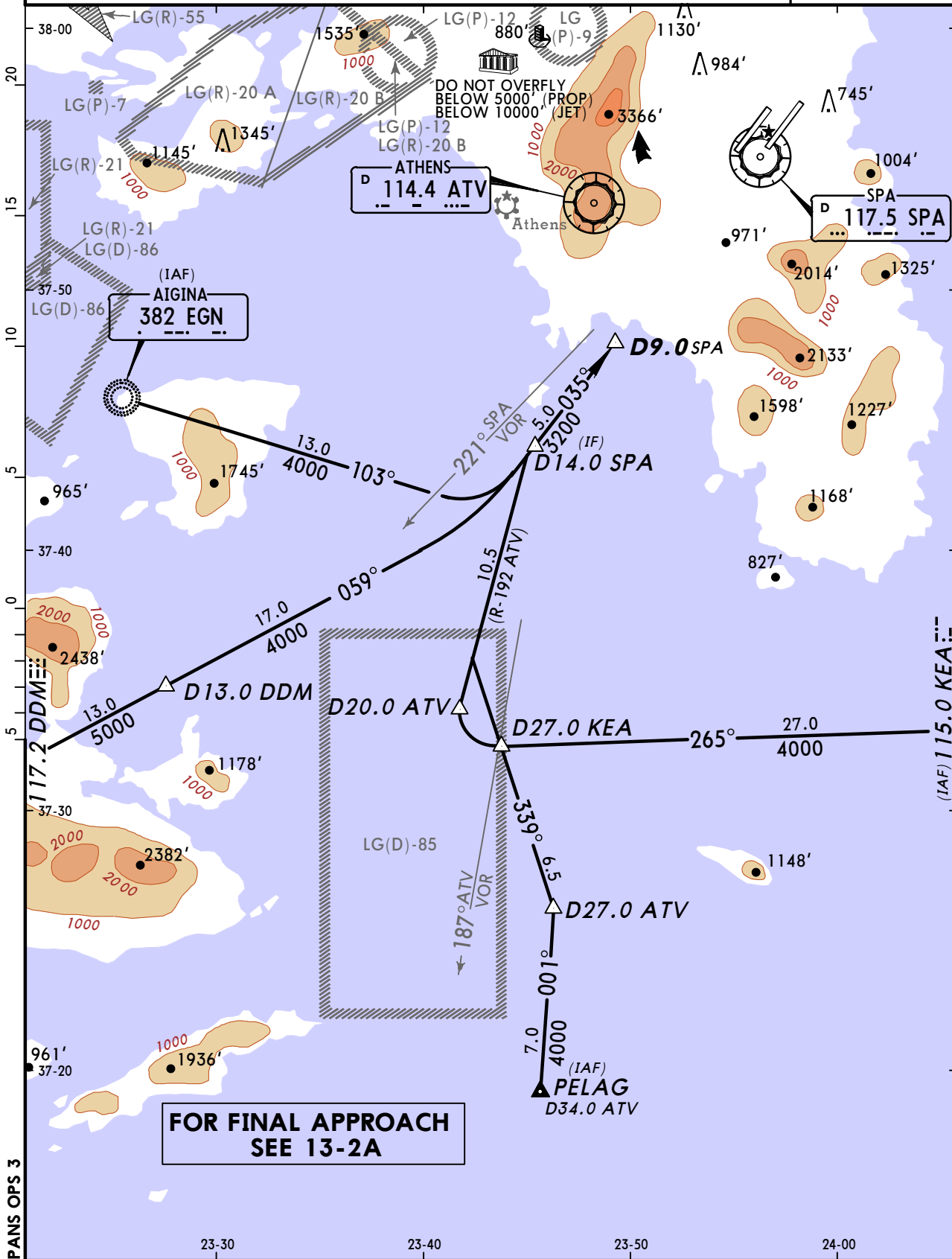
ELEFTHERIOS VENIZELOS INTL

JEPPESEN
20 NOV 09 (13-2)

ATHENS, GREECE

VOR Rwy 03R

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)	Approach					
	136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52	121.4
	VENIZELOS Tower			Ground						
	118.62			West 121.8	North 121.75	East 121.9	South 121.95			
VOR SPA	Final Apch Crs	Minimum Alt	DA(H)	Apt Elev						
117.5	035°	Refer to chart 13-2A	Refer to chart 13-2A	308'						
Alt Set: hPa		Rwy Elev: 10 hPa	Trans level: By ATC		Trans alt: 9000'					
DME REQUIRED.										



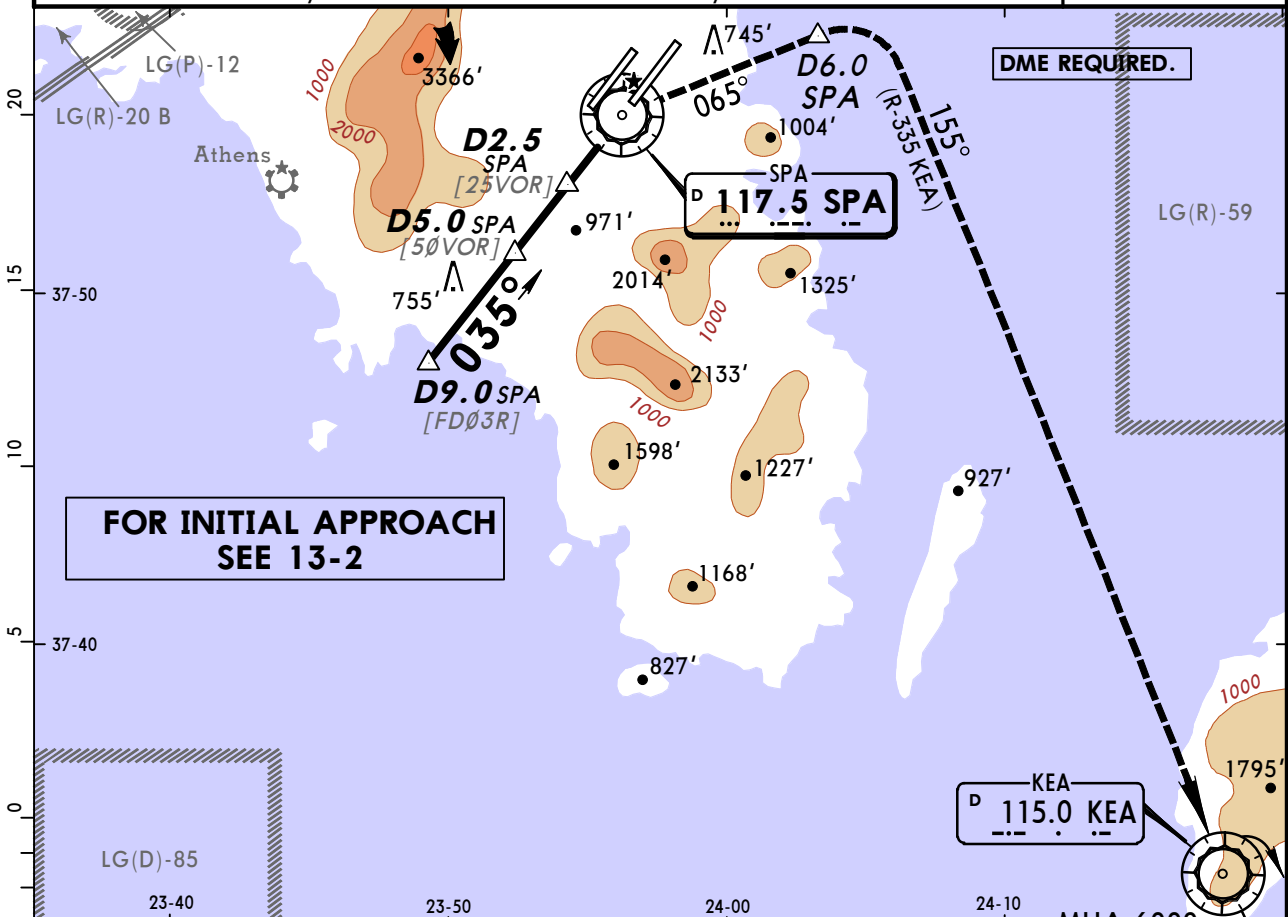
LGAV/ATH
ELEFTHERIOS VENIZELOS INTL



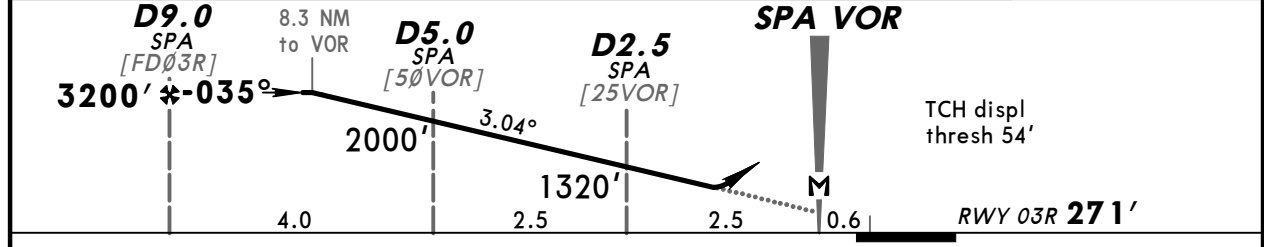
ATHENS, GREECE
VOR Rwy 03R

20 NOV 09 **(13-2A)**

ATIS	ATHENS Arrival (R)		Director (R)	Approach				
136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52 121.4
VENIZELOS Tower			Ground					
118.62			West 121.8	North 121.75	East 121.9	South 121.95		
VOR SPA	Final Apch Crs	Minimum Alt	DA(H)	Apt Elev		RWY		
117.5	035°	D9.0 SPA 3200' (2929')	690' (419')	308'		271'		
MISSED APCH: Turn RIGHT as soon as practicable to intercept R-065 SPA. At D6.0 SPA turn RIGHT (MAX 200 KT) to intercept R-335 KEA climbing to 5000'. Do not turn before passing MAP.								
Alt Set: hPa		Rwy Elev: 10 hPa	Trans level: By ATC		Trans alt: 9000'		MSA SPA VOR	



SPA DME	8.3	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	MHA 6000 (5000 for Missed Apch)
ALTITUDE	3200'	3110'	2790'	2460'	2140'	1820'	1490'	1170'	850'	



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	As soon as practicable	SPA 117.5	D6.0 SPA
Descent Angle	3.04°	376	484	538	645	861		RT	R-065	
MAP at SPA VOR										

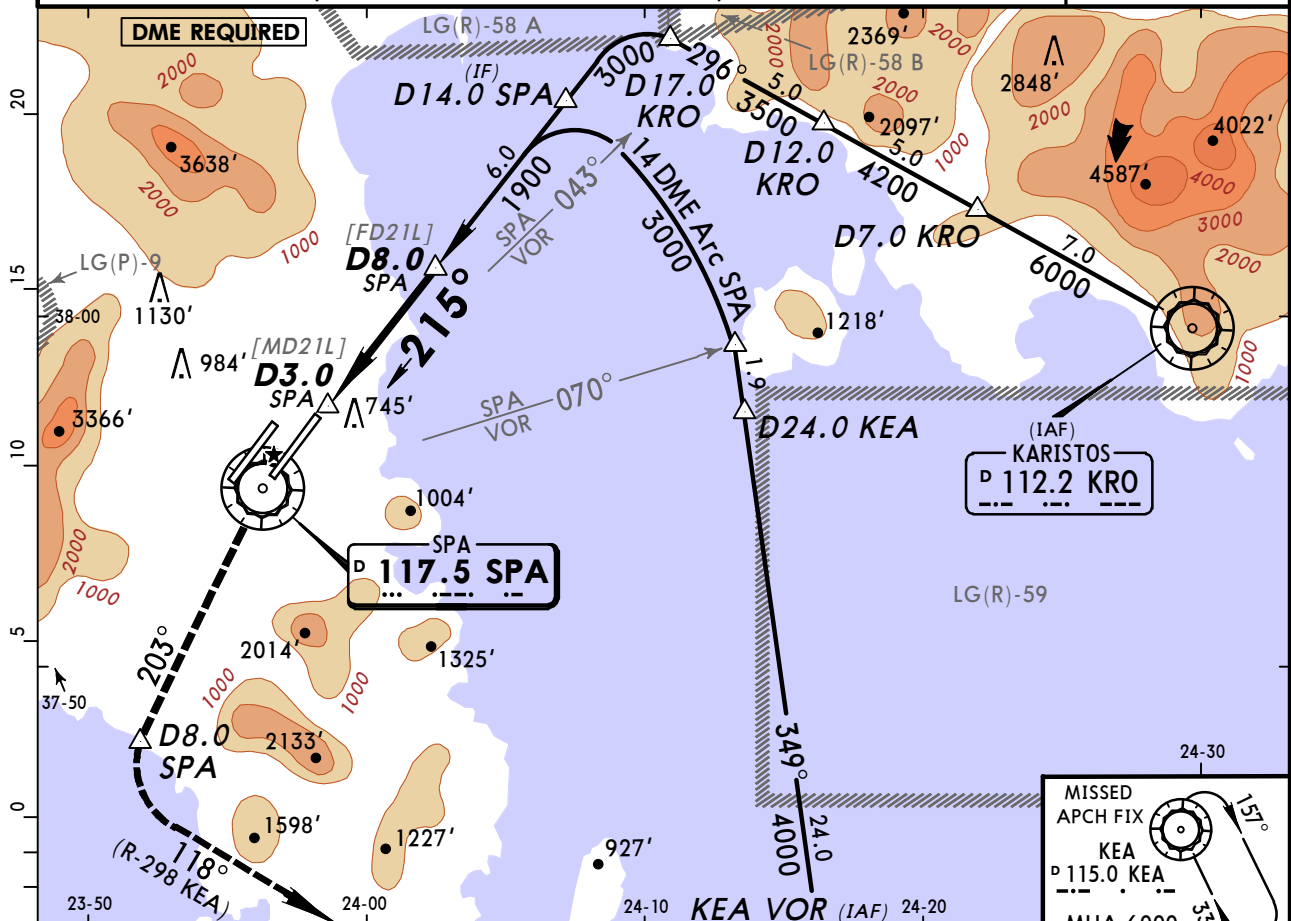
PANS OPS 3	Standard STRAIGHT-IN LANDING RWY 03R				CIRCLE-TO-LAND				
	DA(H) 690' (419')								
	ALS out				Max Kts	MDA(H)		VIS	
	A	RVR 1500m				100	1200' (892')		1500m
B	RVR 1200m				135	1300' (992')		1600m	
C	RVR 1900m				C	NOT APPLICABLE			
D					D	NOT APPLICABLE			

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

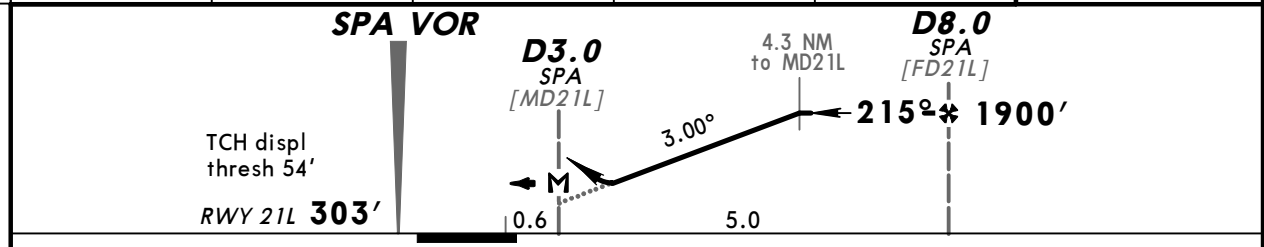
JEPPESEN
 20 NOV 09 **(13-3)**

ATHENS, GREECE
VOR Rwy 21L

ATIS	ATHENS Arrival (R)		Director (R)	Approach				
136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52 121.4
VENIZELOS Tower			Ground					
118.62			West 121.8	North 121.75	East 121.9	South 121.95		
VOR SPA	Final Apch Crs	Minimum Alt	DA(H)	Apt Elev		RWY		
117.5	215°	D8.0 SPA 1900' (1597')	1030' (727')	308'		303'		
MISSED APCH: Climb STRAIGHT AHEAD. At SPA VOR turn LEFT and intercept R-203 SPA. At D8.0 SPA turn LEFT to intercept R-298 inbound to KEA VOR climbing to 5000' and hold.								
Alt Set: hPa		Rwy Elev: 11 hPa	Trans level: By ATC		Trans alt: 9000'		MSA SPA VOR	



SPA DME	5.0	6.0	7.0	7.3
ALTITUDE	1170'	1490'	1810'	1900'



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	SPA 117.5	D8.0 SPA	SPA 117.5	
Descent Angle	3.00°	372	478	531	637	743		849	↑	LT	on R-203
MAP at D3.0 SPA											

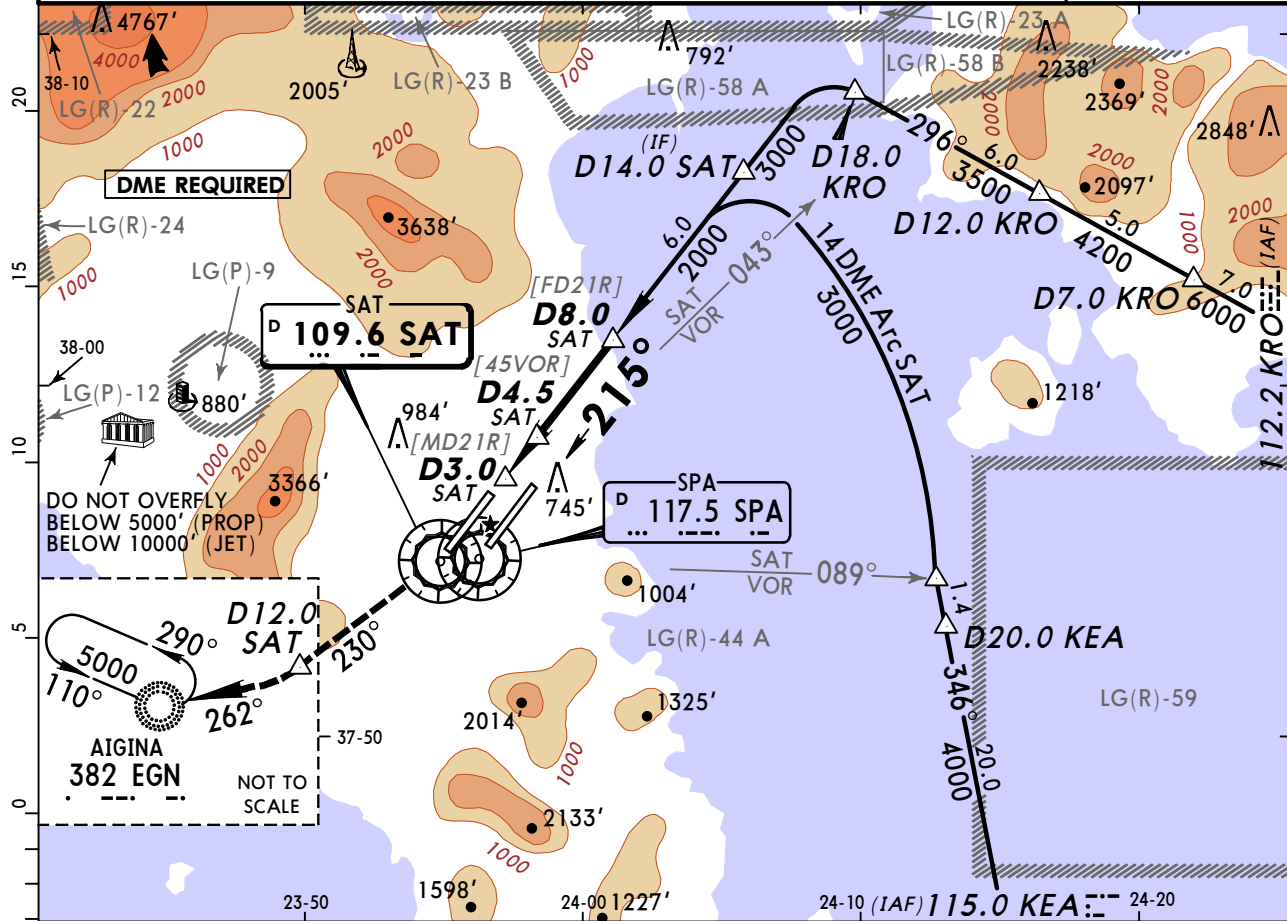
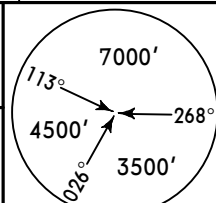
PANS OPS 3	Standard STRAIGHT-IN LANDING RWY 21L		CIRCLE-TO-LAND		
	DA(H) 1030' (727')		ALS out		
	RVR 1500m		Max Kts	MDA(H)	VIS
	A		100	1200' (892')	1500m
	B		135	1300' (992')	1600m
C		C	NOT APPLICABLE		
D	CMV 2400m	D	NOT APPLICABLE		

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

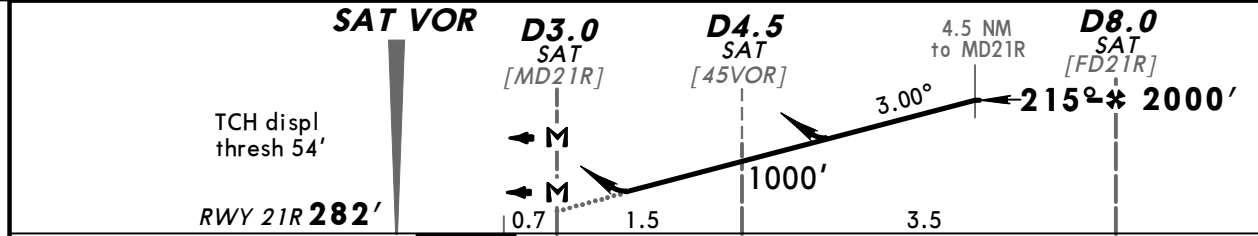
JEPPESSEN
20 NOV 09 **(13-4)**

ATHENS, GREECE
VOR Rwy 21R

ATIS	ATHENS Arrival (R)		Director (R)	Approach					
136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52	121.4
VENIZELOS Tower 136.27			Ground						
			West 121.8	North 121.75	East 121.9	South 121.95			
VOR SAT 109.6	Final Apch Crs 215°	Minimum Alt D8.0 SAT 2000' (1718')	DA(H) Refer to Minimums	Apt Elev 308'		RWY 282'			
MISSED APCH: Climb STRAIGHT AHEAD to SAT VOR, then turn RIGHT to intercept R-230 SAT. At D12.0 SAT turn RIGHT on track 262° to EGN NDB climbing to 5000' and hold.									
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'		MSA SPA VOR	



SAT DME	4.0	5.0	6.0	7.0	7.5
ALTITUDE	890'	1210'	1530'	1850'	2000'



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	SAT 109.6	D12.0 SAT	SAT 109.6 on R-230
Descent Angle 3.00°	372	478	531	637	743	849				
MAP at D3.0 SAT										

Standard STRAIGHT-IN LANDING RWY 21R				CIRCLE-TO-LAND			
Missed apch climb gradient min 4.0% DA(H) 830' (548')		Missed apch climb gradient min 2.5% DA(H) 1160' (878')		Max Kts		MDA(H) VIS	
ALS out		ALS out		100	1200' (892')		1500m
RVR 1500m		RVR 1500m		135	1300' (992')		1600m
RVR 1800m		CMV 2400m		C	NOT APPLICABLE		
				D			

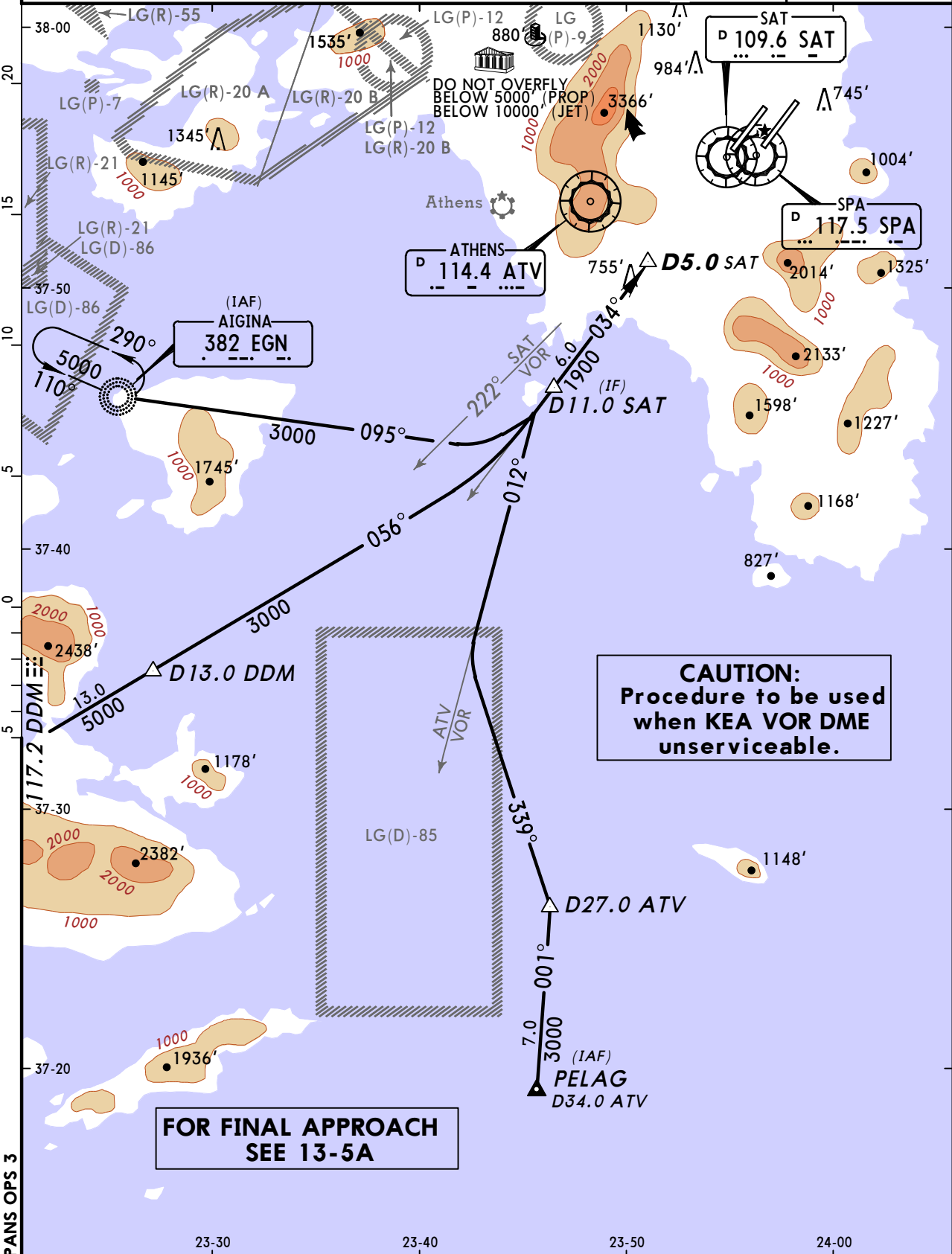
■ Climb grad up to 1700'.

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
20 NOV 09 (13-5)

ATHENS, GREECE
VOR Y Rwy 03L

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)	Approach					
	136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52	121.4
	VENIZELOS Tower			Ground		East		South		
	136.27			West 121.8		North 121.75		East 121.9		South 121.95
VOR SAT	Final Apch Crs		Minimum Alt	DA(H)	Apt Elev		RWY			
109.6	034°		Refer to chart 13-5A	Refer to chart 13-5A	308'		255'			
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC			Trans alt: 9000'			
DME REQUIRED.										
MSA SPA VOR										



FOR FINAL APPROACH SEE 13-5A

PANS OPS 3

LGAV/ATH

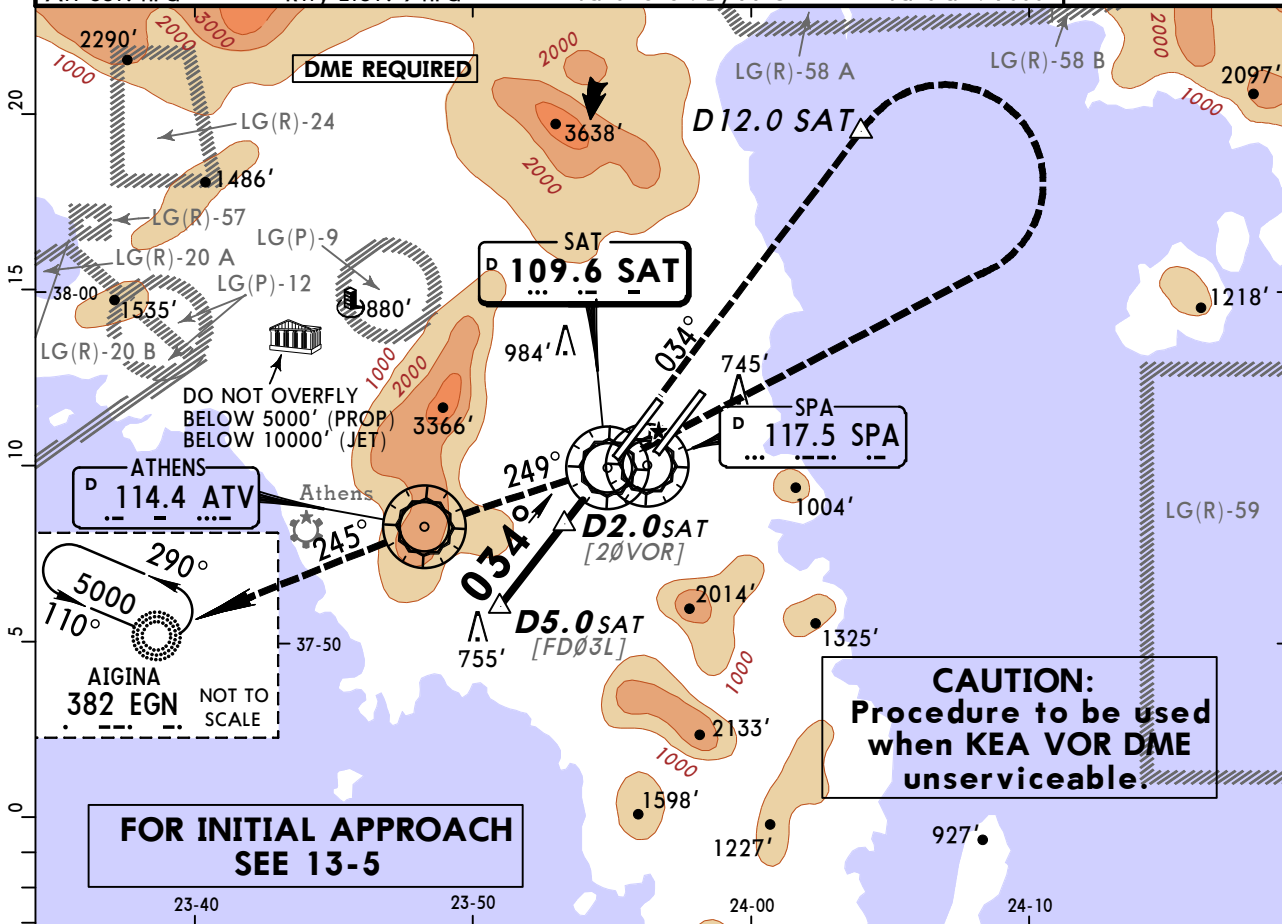
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
20 NOV 09 **(13-5A)**

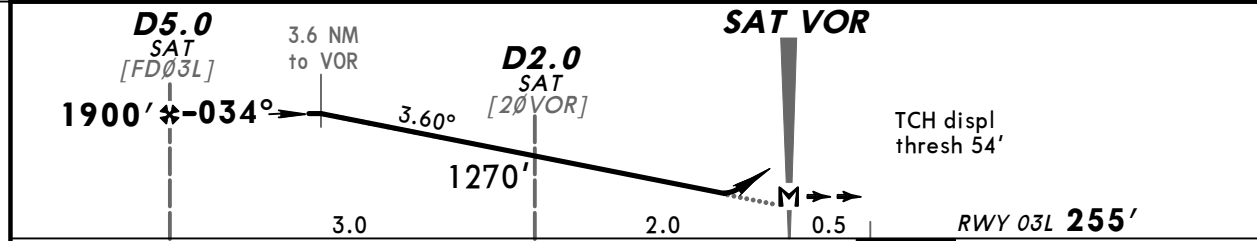
ATHENS, GREECE

VOR Y Rwy 03L

ATIS	ATHENS Arrival (R)		Director (R)		Approach			
136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52 121.4
VENIZELOS Tower			Ground					
136.27			West 121.8	North 121.75	East 121.9	South 121.95		
VOR SAT	Final Apch Crs	Minimum Alt	DA(H)	Apt Elev		308'		
109.6	034°	D5.0 SAT 1900' (1645')	800' (545')	RWY 255'				
MISSED APCH: Climb on R-034 SAT to D12.0 SAT, then turn RIGHT (MAX 200 KT) to SAT VOR. Follow R-249 SAT to reach ATV VOR not below 5000'. Follow R-245 ATV to NDB and hold.								
Alt Set: hPa		Rwy Elev: 9 hPa	Trans level: By ATC		Trans alt: 9000'		MSA SPA VOR	



SAT DME	3.6	3.0	2.0	1.0
ALTITUDE	1900'	1680'	1290'	910'



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI on 109.6 D12.0 R-034 SAT
Descent Angle 3.60°	446	573	637	765	892	1019	
MAP at SAT VOR							

Standard		STRAIGHT-IN LANDING RWY 03L		CIRCLE-TO-LAND	
DA(H) 800' (545')		ALS out		Max Kts	MDA(H) VIS
A	RVR 1500m			100	1200' (892') 1500m
B	RVR 1800m			135	1300' (992') 1600m
C			CMV 2400m	C	NOT APPLICABLE
D				D	NOT APPLICABLE

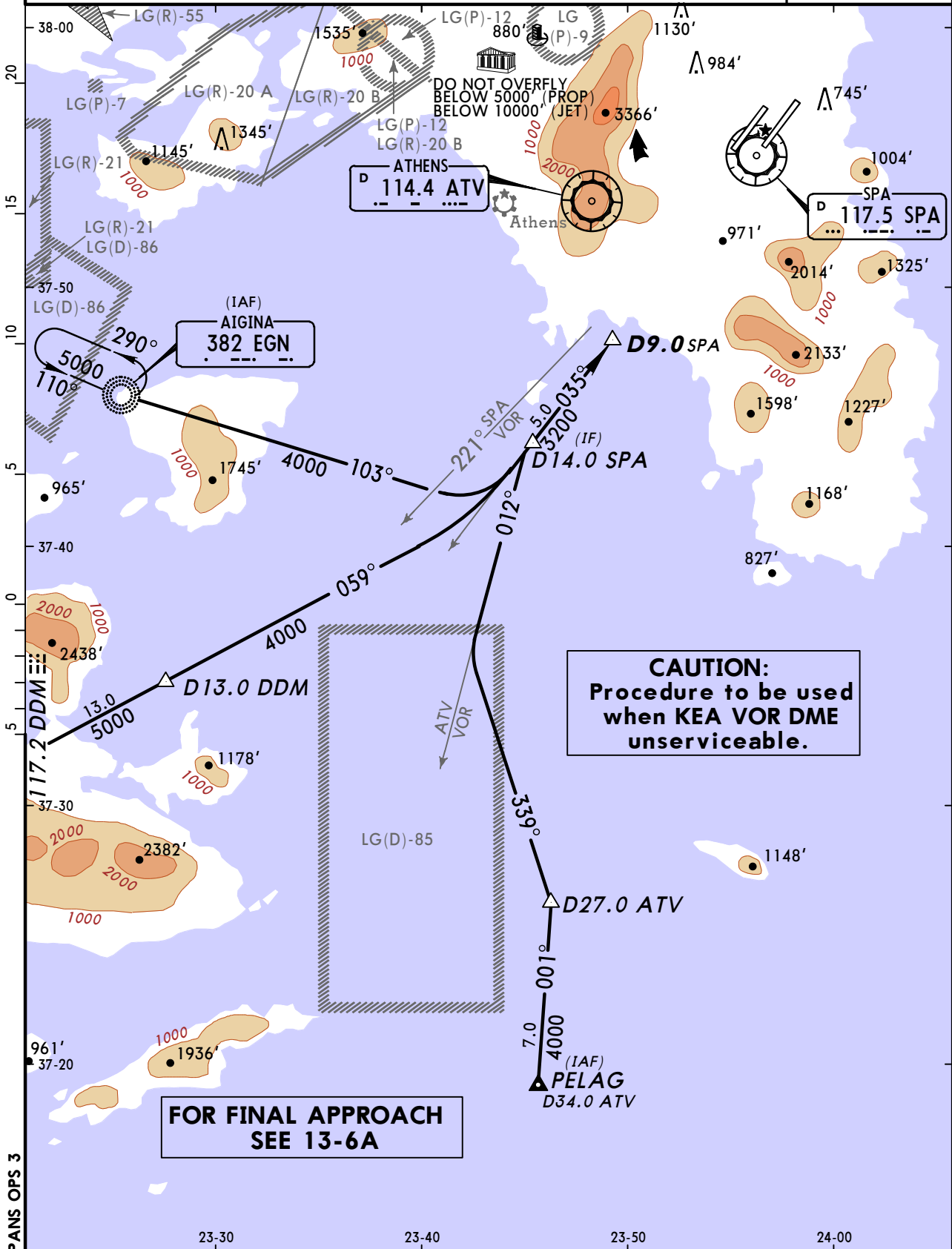
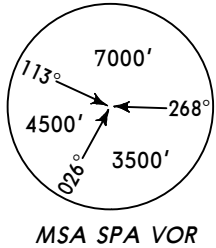
PANS OPS 3

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

JEPPESSEN
 20 NOV 09 **(13-6)**

ATHENS, GREECE
VOR Y Rwy 03R

ATIS 136.12	ATHENS Arrival (R) West 132.97 East 126.57	Director (R) 121.4	Approach 126.57 130.02 132.97 128.95 125.52 121.4			
VENIZELOS Tower 118.62		West 121.8	Ground North 121.75 East 121.9		South 121.95	
VOR SPA 117.5	Final Apch Crs 035°	Minimum Alt Refer to chart 13-6A	DA(H) Refer to chart 13-6A	Apt Elev 308'	RWY 271'	
Alt Set: hPa DME REQUIRED.		Rwy Elev: 10 hPa	Trans level: By ATC		Trans alt: 9000'	



**FOR FINAL APPROACH
 SEE 13-6A**

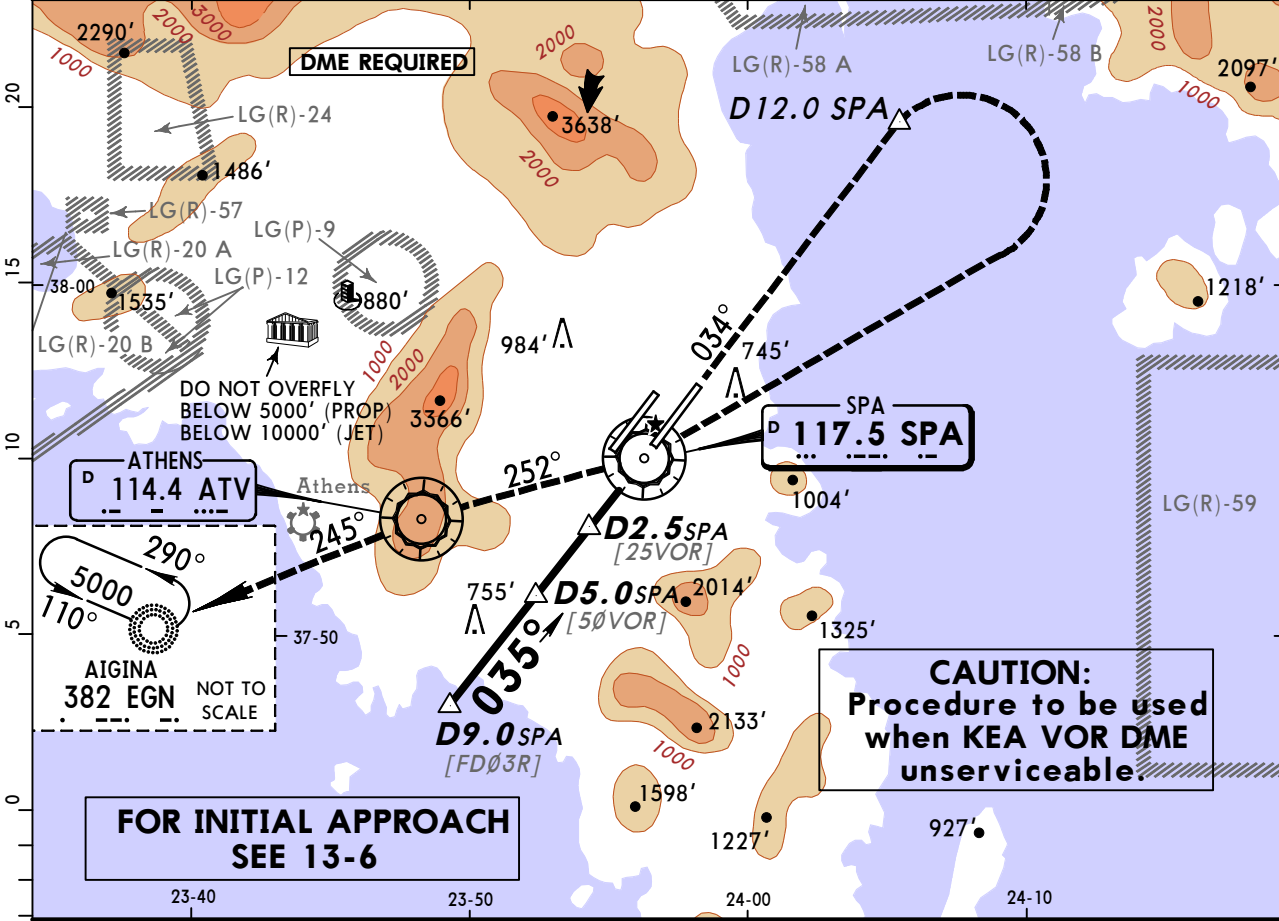
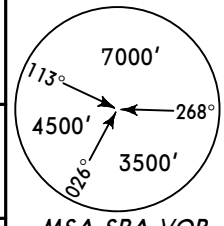
PANS OPS 3

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

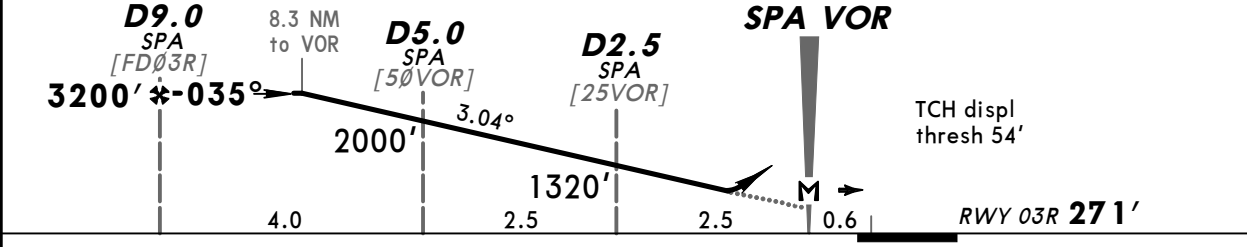
JEPPESSEN
20 NOV 09 **(13-6A)**

ATHENS, GREECE
VOR Y Rwy 03R

ATIS	ATHENS Arrival (R)		Director (R)		Approach				
136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95	125.52	121.4
VENIZELOS Tower			Ground						
118.62			West 121.8	North 121.75	East 121.9	South 121.95			
VOR SPA	Final Apch Crs	Minimum Alt	DA(H)	Apt Elev		308'			
117.5	035°	D9.0 SPA 3200' (2929')	690' (419')	RWY 271'					
MISSED APCH: Climb on R-034 SPA to D12.0 SPA, then turn RIGHT (MAX 200 KT) to SPA VOR. Follow R-252 SPA to reach ATV VOR not below 5000'. Follow R-245 ATV to NDB and hold.									
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'		MSA SPA VOR	



SPA DME	8.3	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
ALTITUDE	3200'	3110'	2790'	2460'	2140'	1820'	1490'	1170'	850'



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI SPA on 117.5 R-034 D12.0 SPA
Descent Angle 3.04°	376	484	538	645	753	861	
MAP at SPA VOR							

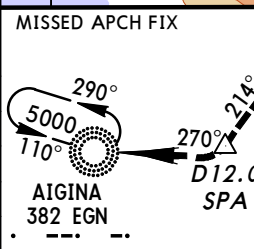
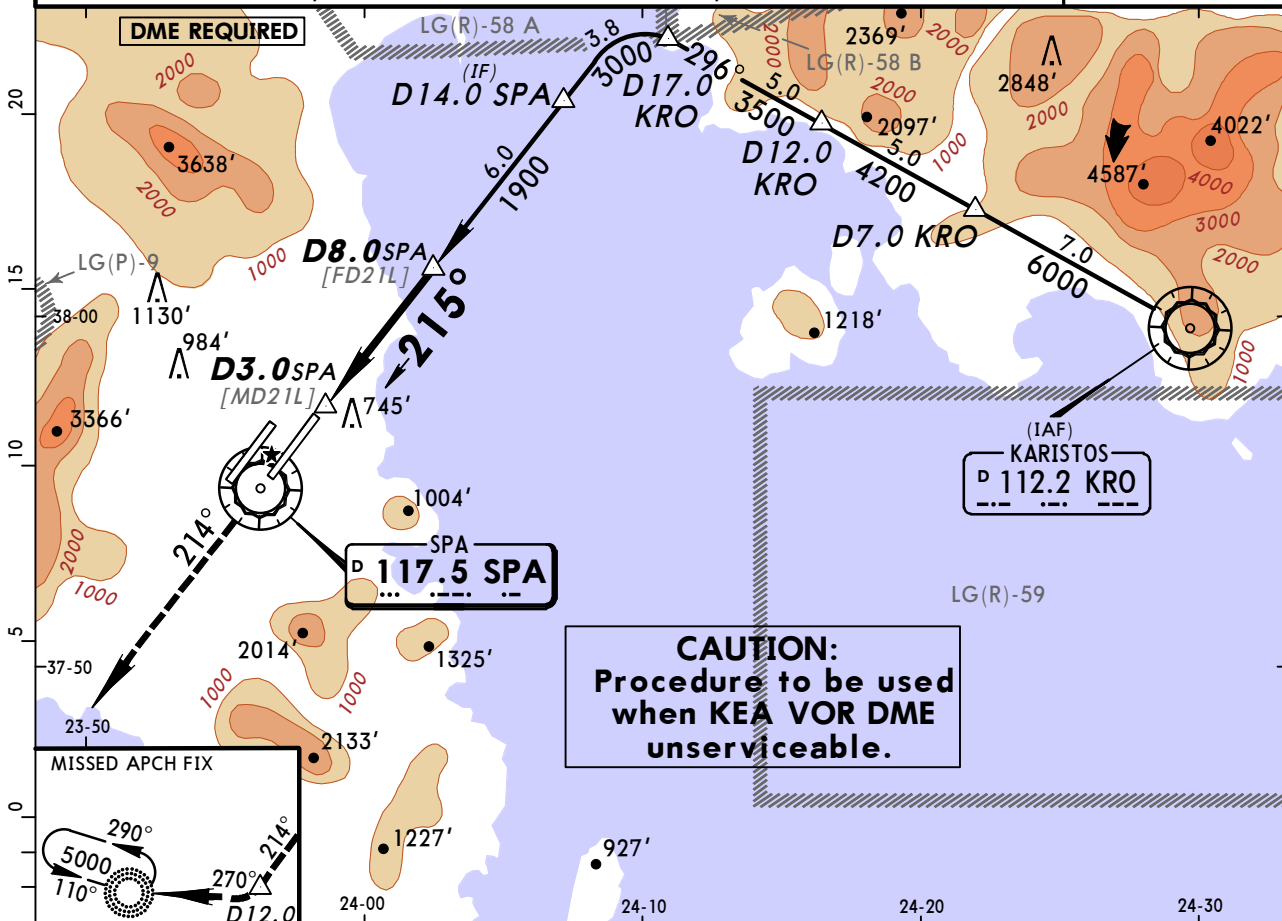
Standard STRAIGHT-IN LANDING RWY 03R			CIRCLE-TO-LAND		
DA(H) 690' (419')					
PANS OPS 3	ALS out		Max Kts	MDA(H)	VIS
	RVR 1200m	RVR 1500m	100	1200' (892')	1500m
		RVR 1900m	135	1300' (992')	1600m
			C	NOT APPLICABLE	
		D	NOT APPLICABLE		

LGAV/ATH
ELEFTHERIOS VENIZELOS INTL

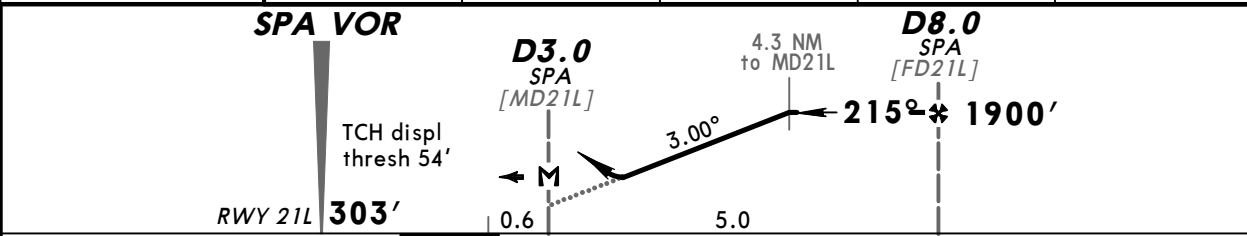
JEPPESSEN
20 NOV 09 (13-7)

ATHENS, GREECE
VOR Y Rwy 21L

ATIS	ATHENS Arrival (R)		Director (R)	Approach			
136.12	West 132.97	East 126.57	121.4	126.57	130.02	132.97	128.95 125.52 121.4
VENIZELOS Tower			Ground				
118.62			West 121.8	North 121.75	East 121.9	South 121.95	
VOR SPA	Final Apch Crs	Minimum Alt	DA(H)	Apt Elev		RWY	
117.5	215°	D8.0 SPA 1900' (1597')	1030' (727')	308'		303'	
MISSED APCH: Climb STRAIGHT AHEAD to SPA VOR. Follow R-214 SPA to D12.0 SPA, then turn RIGHT onto 270° to NDB, climb to 5000' and hold.							
Alt Set: hPa		Rwy Elev: 11 hPa	Trans level: By ATC		Trans alt: 9000'		MSA SPA VOR



SPA DME	5.0	6.0	7.0	7.3
ALTITUDE	1170'	1490'	1810'	1900'



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	SPA 117.5	SPA 117.5	D12.0 SPA
Descent Angle	3.00°	372	478	531	637	743		849	R-214	
MAP at D3.0 SPA										

PANS OPS 3	Standard STRAIGHT-IN LANDING RWY 21L				CIRCLE-TO-LAND		
	DA(H) 1030' (727')				Max Kts	MDA(H)	VIS
	ALS out				100	1200' (892')	1500m
	RVR 1500m				135	1300' (992')	1600m
CMV 2400m				C	NOT APPLICABLE		
				D	NOT APPLICABLE		

Chart changes since cycle 02-2019

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
ATHENS, (ELEFThERIOS VENIZELOS INTL - LGAV)				

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport LGAV