

## List of pages in this Trip Kit

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Revision Letter For Cycle 03-2020

Change Notices

Notebook

## General Information

Location: ATHENS GRC  
ICAO/IATA: LGAV / ATH  
Lat/Long: N37° 56.20', E023° 56.67'  
Elevation: 308 ft

Airport Use: Public  
Daylight Savings: Observed  
UTC Conversion: -2:00 = UTC  
Magnetic Variation: 5.0° 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: 0524 Z  
Sunset: 1553 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: 136.275 At or below 33558432 ft Out to 25 mi.  
Venizelos Tower: 122.100  
Venizelos Tower: 118.625 At or below 33558432 ft Out to 25 mi.  
Venizelos Tower: 27.870 Military  
Venizelos Tower: 25.780 Military  
Venizelos Ground: 121.750 Out to 5 mi.  
Venizelos Ground: 121.950 Out to 5 mi.  
Venizelos Ground: 121.800 Out to 5 mi.  
Venizelos Ground: 121.900 Out to 5 mi.  
Venizelos Clearance Delivery: 118.675 At or below 33558432 ft Out to 25 mi.  
Athens Approach: 132.975 At or below 33582432 ft  
Athens Approach: 130.025 At or below 33582432 ft  
Athens Approach: 128.950 At or below 33582432 ft  
Athens Approach: 126.575 At or below 33582432 ft  
Athens Approach: 125.525 At or below 33582432 ft  
Athens Approach: 121.400 At or below 33582432 ft  
Athens Arrival: 132.975  
Athens Arrival: 126.575  
Athens Arrival: 119.100  
Athens Departure: 128.950  
Venizelos Emergency: 121.675 Out to 5 mi.  
Athens Radio: 563.700 RCO  
Athens Radio: 298.900 RCO  
Venizelos Information: 136.025 At or below 33579432 ft Out to 50 mi.  
Athens Information: 131.175 At or below 33574432 ft Flight Info Service  
Athens Information: 124.025 At or below 33574432 ft Flight Info Service  
Athens Direct (Approach Control Radar): 118.475  
Athens Direct (Approach Control Radar): 121.400

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22 MAR 19

10-1P

Eff 28 Mar

AIRPORT BRIEFING

## 1. GENERAL

### 1.1. ATIS

ATIS 136.125

### 1.2. NOISE ABATEMENT PROCEDURES

#### 1.2.1. FOR JETS IRRESPECTIVE OF WEIGHT, AND FOR PROPS AND TURBOPROPS WITH MTOW OF OR ABOVE 11000KG

##### 1.2.1.1. GENERAL

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 preferably should not 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.

##### 1.2.1.2. PREFERENTIAL RWY SYSTEM

RWYs 03L/R will be used when tail wind component is no greater than 5 KT and RWYs are dry.

##### 1.2.1.3. RWY SYSTEM

Between 2300-0700LT:

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

Between 1500-1800LT and 2300-0700LT:

Chapter 2 ACFT are not allowed to use RWY 03R for take-off; pilots shall inform ATC 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 list above are not subject to this restriction.

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

##### 1.2.1.4. 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.

##### 1.2.1.5. REVERSE THRUST

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

##### 1.2.1.6. RUN-UP TESTS

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

##### 1.2.1.7. AUXILIARY POWER UNITS (APU)

During parking at stand supplied with ground power unit and preconditioned air, the use of APU shall be avoided/not exceed 15 minutes before departure to/from the stand.

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AIRPORT BRIEFING

## 1. GENERAL

### 1.2.2. FOR PROPS AND TURBOPROPS WITH MTOW BELOW 11000KG

Times and RWY system as stated in paragraphs 1.2.1.2. and 1.2.1.3 apply.

### 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.

#### 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 red 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.

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AIRPORT BRIEFING

## 1. GENERAL

### 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 and relevant adjacent areas are properly safeguarded.

Assistance from Follow-me vehicle can be requested via ATC. Follow-me guidance is mandatory for all cargo area stands (stand number starting with "F"), except stand F02.

Towing of ACFT requires the prior permission of ATC. Towed ACFT should always be guided by a Follow-me vehicle. Ground handling staff shall take safety measures according to the relevant procedures.

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 and the marshaller. Marshaller guidance is mandatory for entering or leaving a stand, except when A-VDGS is available and activated or when under tow (including push-back).

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.

A380, B747-8, B777, A340-500, A340-600: Movement of these ACFT types shall use judgemental oversteering while taxiing in order to keep the required minimum main gear edge clearance.

### 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 have at least their navigation lights on.

### 1.5.4. A380-800 GROUND OPERATIONS

- A380-800 ACFT taxiing over TWY K and H bridges are limited to 460 Metric Tonnes.
- Taxilanes Y1, Y2, I and J are not available for A380 traffic.
- When an A380 taxis on TWY C or taxilane E then the MAX ACFT type on taxilane E or TWY C is ICAO code E.
- Wing tip clearance on TWY C to ACFT holding at intermediate holding positions between TWYs C and D is at least 30'/9m.
- Wing tip clearance on taxilane E to the parallel apron service road is at least 10'/3m. Due to the reduced wing tip clearance, adhere strictly to yellow TWY centerline.
- Follow-me guidance is required when an ICAO code F ACFT taxiing on taxilane E, passes behind a parked ICAO code F ACFT on a contact stand.
- For braking away and during taxi, use minimum power and taxi at low speed.
- When holding short of a RWY, stop at CAT II holding points.
- A380 can be parked on contact stands A01, A09, A09A, A11, A13, A13A, B03, B05, B11, B13, B15, A33, A35, A37 using the A-VDGS system for guidance and on remote parking positions B17, A42, A54, A56 and F02 by marshaller. Alternatively, in case of unavailability of tow bar on board, TWY G can accommodate the ACFT facing North or South.
- Due to height limitations of available GSE equipment, the top of the ACFT tail fin cannot be fully de-iced.

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AIRPORT BRIEFING

## 1. GENERAL

### 1.5.5. B747-8 OPERATIONS

- Taxilanes Y1, Y2, I and J are not available for B747-8 traffic.
- When a B747-8 taxis on TWY C or taxilane E, then the MAX ACFT type on taxilane E or TWY C is ICAO code E.
- When holding short of a RWY, ACFT shall stop at CAT II holding points.
- B747-8 can be parked on contact stands A01, A03, A09, A09A, A11, A13, A13A, A33, A35, A37, B03, B05, B11, B13, using the A-VDGS system for guidance and on remote parking positions B17, A42, A54, A56 and F02 by marshaller. Alternatively, in case of unavailability of tow bar on board, TWY G can accommodate the ACFT facing North or South.

### 1.5.6. A124 OPERATIONS

- Taxilanes E, Y1, Y2, I and J are not available for A124 traffic.
- A124 can be parked on remote parking positions A42, A43, A44, A45, A46, A47, A54, A56 and F02 by marshaller. Alternatively, in case of unavailability of tow bar on board, TWY G can accommodate the ACFT facing North or South.

## 1.6. PARKING INFORMATION

Guidance at ACFT contact stands by A-VDGS, or marshaller is mandatory.

A-VDGS available at stands: A01, A03, A05, A07, A07A, A09, A09A, A11, A13, A13A, A30, A31, A31A, A32, A32A, A33, A33A, A34, A34A, A35, A35A, A35B, A36, A36A, A37, A37A, A38, A38A, A39, B03, B05, B07, B09, B11, B13, B15.

If the crew realizes, when taxiing into a nose-in position equipped with A-VDGS that the latter is switched off or out of order, the ACFT shall stop immediately. Current status shall be reported to ATC/Ground Control unit, via radio, waiting for further instructions.

Parking of ACFT at parking stands not provided with A-VDGS and departing from a roll-through stand is only permitted under the instructions of a marshaller.

For angled stands, A07A, A09A and A13A, the ACFT shall taxi-in following the yellow dashed angled lead-in line, only under Follow-me guidance. For stands A07, A09 and A13, the ACFT shall taxi-in following the yellow continuous lead-in line, without Follow-me guidance. In both cases, ATC Ground Control will provide appropriate instructions.

"Wing-Walking" procedures during ACFT parking and push-back are strictly prohibited, unless the ACFT operator and its assigned ground handler have obtained special approval by the APT operator.

## 1.7. OTHER INFORMATION

Birds in vicinity of APT.

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

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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

**FOR JETS IRRESPECTIVE OF WEIGHT, AND FOR PROPS AND TURBOPROPS WITH MTOW OF OR ABOVE 11000KG**

STARs are also noise abatement routings.

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/BA APRON

Arriving ACFT taxiing-in on the GA/BA apron shall be guided by a Follow-me car.

### 2.5. MINIMUM RWY OCCUPANCY TIMES

Rapid exit from the landing RWY enables ATC to apply minimum spacing on final approach that will contribute to the MAX RWY utilization, thus reducing delays and minimizing the possibility for 'go-arounds'. Unless otherwise instructed by ATC, arriving ACFT are requested to vacate the RWY expeditiously. Pilots shall ensure that ACFT have fully vacated the landing RWY before stopping. In line with safety considerations and standard operating procedures, pilots should pre-plan the landing and roll-out in such a way that ACFT shall exit the RWY at the first practicable rapid exit TWY, or as instructed by ATC. Rapid exit TWYs are marked and lighted on both RWYs, to facilitate pilots for a more efficient roll-out and RWY exit speed.

### 2.6. 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.



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AIRPORT BRIEFING

### 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.

#### 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 notification to APT Services Operations Center (ASOC) and the relevant permission by the APT 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:

- ASOC is informed and relevant approval is obtained by the ADO.
- ACFT heading will be at the discretion of ATC, based on the prevailing wind conditions and to avoid interference with ACFT operations.
- ACFT have to taxi (towed or own power) from/to that location under the escort of a Follow-me.

##### 3.3.3. PUSH-BACK AND TAXI OUT

ACFT may leave nose-in ACFT stands only with the aid of towing trucks. Use of reverse thrust is only allowed in exceptional cases, only at remote stands and under flight crew's responsibility. Prior to the commencement of a power-back process, the pilot in command shall confirm to ATC that all safety measures have been taken. The flight crew must receive the relevant clearance by ATC and must remain in contact with the ground handler, ensuring all safety measures are taken in front and behind the ACFT. When powering back, an ACFT must initially move straight back and after crossing the service road, turn to align with the TWY centerline, always adhering to the instructions of the marshaller.

No ACFT shall initiate a push-back or start taxiing without obtaining clearance from ATC. 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 (and facing for roll-through stands B50 thru B67).

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 it is vacating, except on angled stands A07A, A09A and A13A that ACFT have to be positioned with the nose gear abeam stand A07, A09 and A13 respectively.

### 3. DEPARTURE

Movement of ACFT from/to other adjacent parking positions can be performed, according to the rules of the following Tables 1, 2, 3 and 4.

**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 allowed (except ACFT of ICAO code D and E to parking positions B13/B15).	ACFT movement is not allowed.	None
D				ACFT movement is not allowed.
E				ACFT movement is not allowed.

**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.

**Table 3: Stands B31 thru B45**

CAT C or D pushing back to K-blue versus simultaneous pushing back to or entering from K-orange.

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

### 3. DEPARTURE

**Table 4:**

ACFT code C or D pushing back/entering from/to stand B31 thru B45 to/from K-orange versus pushing back or entering K-orange from stand B50 thru B66.

ACFT code	Limitations to parking position (B50 thru B66), abeam ACFT on K-orange	Limitations to adjacent parking position (B50 thru B66), in front of ACFT on K-orange	Limitations to adjacent parking position (B50 thru B66), behind ACFT on K-orange	Limitations to second adjacent parking position (B50 thru B66), behind ACFT on K-orange	Limitations to third adjacent parking position (B50 thru B66), behind ACFT on K-orange
C	ACFT movement is not allowed.	ACFT movement is not allowed.	ACFT movement is not allowed.	ACFT movement is not allowed.	ACFT movement is not allowed.
D	ACFT movement is not allowed.	ACFT movement is not allowed.	ACFT movement is not allowed.	ACFT movement is not allowed.	ACFT movement is not allowed.

If an ACFT has pushed-back from stand B44, then no movement is allowed on stand B42. If a push-back clearance has been issued for stand B44, then the next available position for push-back is stand B36.

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

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

During starting-up on a roll-through stand, or in exceptional cases when a pilot wishes to start one engine at the stand before push-back, the safeguarding of the ACFT is the responsibility of the airline and the ground handler. In these cases, the ground staff shall take the appropriate measures in order to safeguard the area around the ACFT and especially, to prevent any personnel or vehicle from passing behind or near the intake of the running engine, and to ensure that the jet blast during this procedure does not affect ACFT taxiing on the TWY behind.

ACFT parked at stands B66 and B67, must use minimum power when taxiing-out, particularly when turning left or right to join TWYs Y1 or Y2, in order not to affect adjacent stands and service roads with their jet blast.

#### 3.3.4. USE OF GA/BA APRON

For departing GA/BA ACFT from roll through parking stands, the following procedure shall apply per area as follows:

G stands (G01 thru G20), F stands (F01 thru F08) and B67A: After receiving an ATC clearance, departing ACFT may taxi-out of these stands without Follow-me guidance. Guidance is available upon request.

C stands (C01 thru C67) and alternate parking stands A31B, A39A, A40A, A41A, A41B, A46A, A49A, A49B, A50A: After receiving an ATC clearance, departing ACFT shall taxi-out only under Follow-me guidance.

During adverse weather conditions with strong winds or gusting, all GA/BA ACFT shall be secured, under the responsibility of the ACFT operator.

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AIRPORT BRIEFING

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### 3. DEPARTURE

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#### 3.4. NOISE ABATEMENT PROCEDURES

FOR JETS IRRESPECTIVE OF WEIGHT, AND FOR PROPS AND TURBO-PROPS WITH MTOW OF OR ABOVE 11000KG

Thrust reduction-acceleration RWYs 03L and 03R: unless for safety reasons all Turbo-prop and Jets shall not reduce take-off thrust until a minimum altitude of 1800' 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' has been reached.

SIDs designated T are also noise abatement routings.

#### 3.5. DEPARTURE OF A380-800

For take-off use the Flight Crew Operating Manual supplementary procedure: "Operation on RWY + Shoulders less than 190'/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.

#### 3.6. MINIMUM RWY OCCUPANCY TIME

As far as practicable, before take-off cockpit checks should be completed prior to line-up, whereas checks required to be performed while on the RWY should be kept to the absolute minimum. Take-off roll shall commence immediately after take-off clearance is issued.

In case that flight crews cannot comply with the above requirements, they shall notify ATC as early as possible.

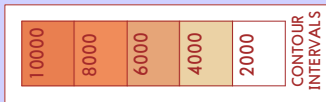
# LGAV/ATH ELEFTHERIOS VENIZELOS INTL

JEPPESSEN  
29 NOV 19  
Eff 5 Dec 10-1R

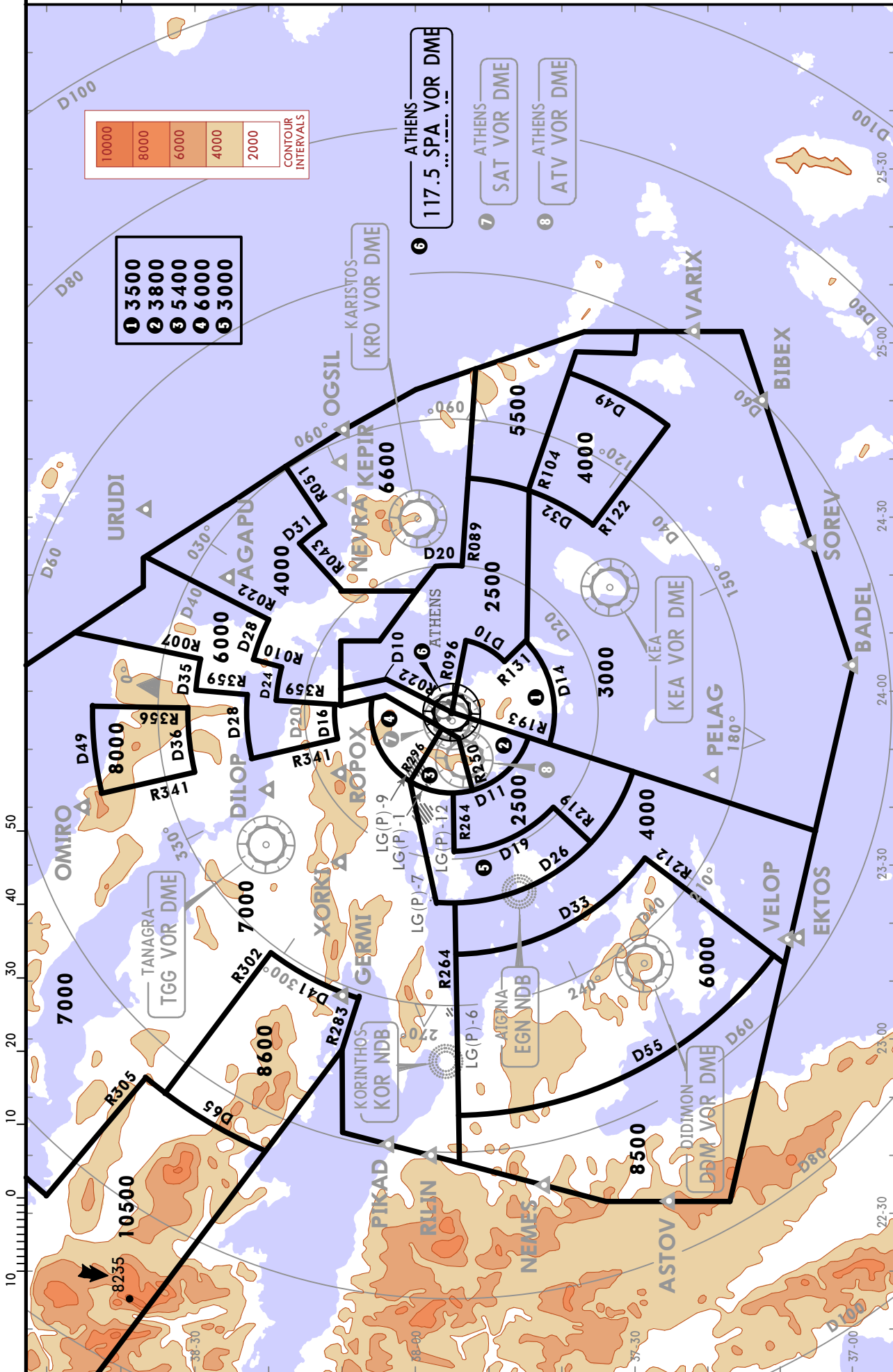
# ATHENS, GREECE

RADAR MINIMUM ALTITUDES

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



- 1 3500
- 2 3800
- 3 5400
- 4 6000
- 5 3000



CHANGES: Sectors revised.

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29 NOV 19

10-2

Eff 5 Dec

STAR



ATIS	Apt Elev	Alt Set: hPa
136.125	308	Trans level: By ATC
<p><b>ASTOV 1A [ASTO1A], ASTOV 2B [ASTO2B]</b>  <b>KEPIR 2A [KEPI2A] ROPOX 1B [ROPO1B]</b>  <b>ARRIVALS</b>  <b>(RWYS 21L/R)</b></p>		

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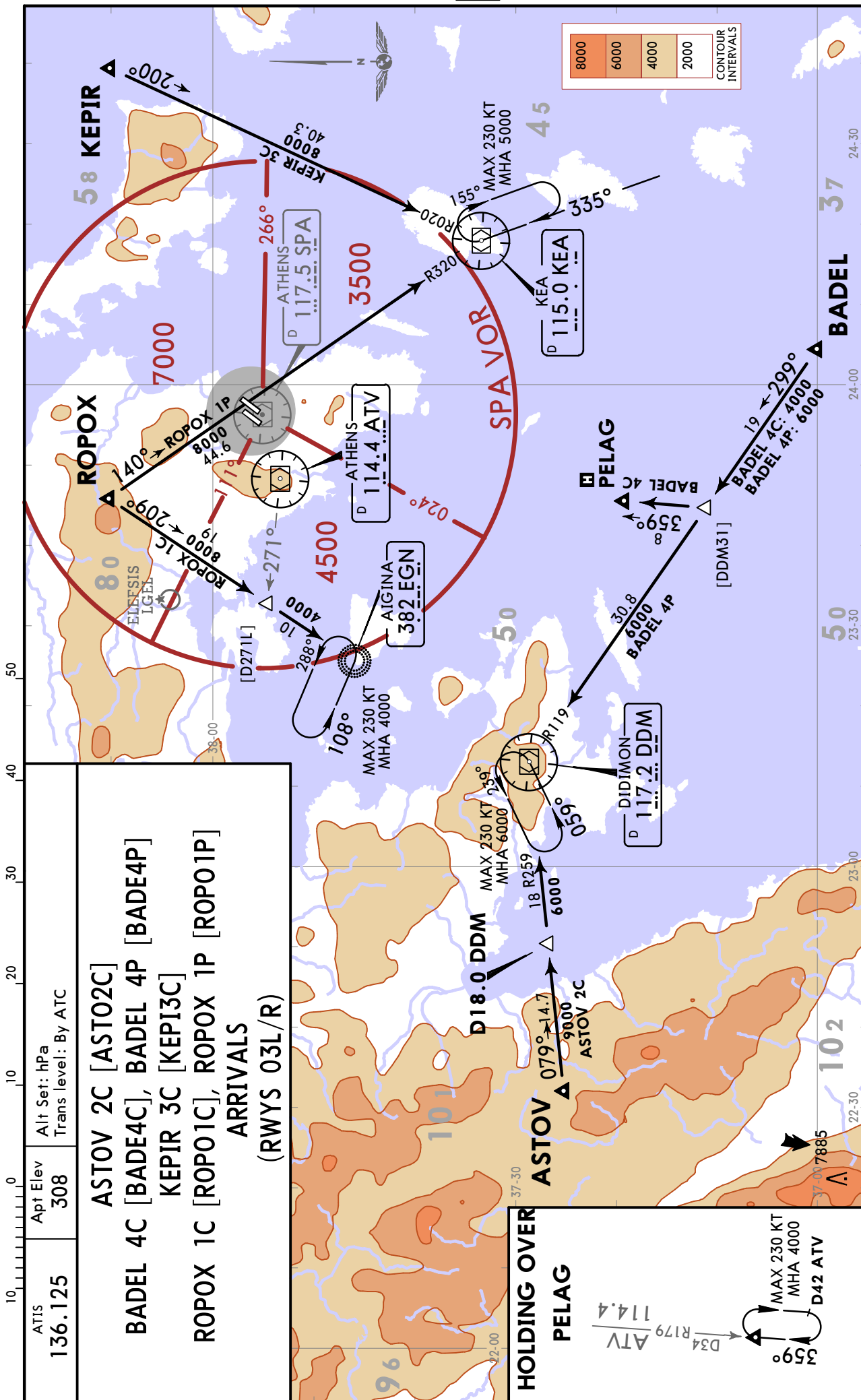
ATHENS, GREECE

ELEFTHERIOS VENIZELOS INTL

29 NOV 19

10-2A Eff 5 Dec

STAR



LGAV/ATH

JEPPESEN

ATHENS, GREECE

ELEFTHERIOS VENIZELOS INTL 29 NOV 19

10-2B

Eff 5 Dec

STAR



ATIS	136.125	Apt Elev	308	Alt Set: hPa	Trans level: By ATC
<b>NEMES 2B [NEME2B]</b> <b>NEVRA 2A [NEVR2A], PIKAD 2B [PIKA2B]</b> <b>ARRIVALS</b> <b>(RWYS 21L/R)</b>					

CHANGES: STARs renumbered, radial/track update.

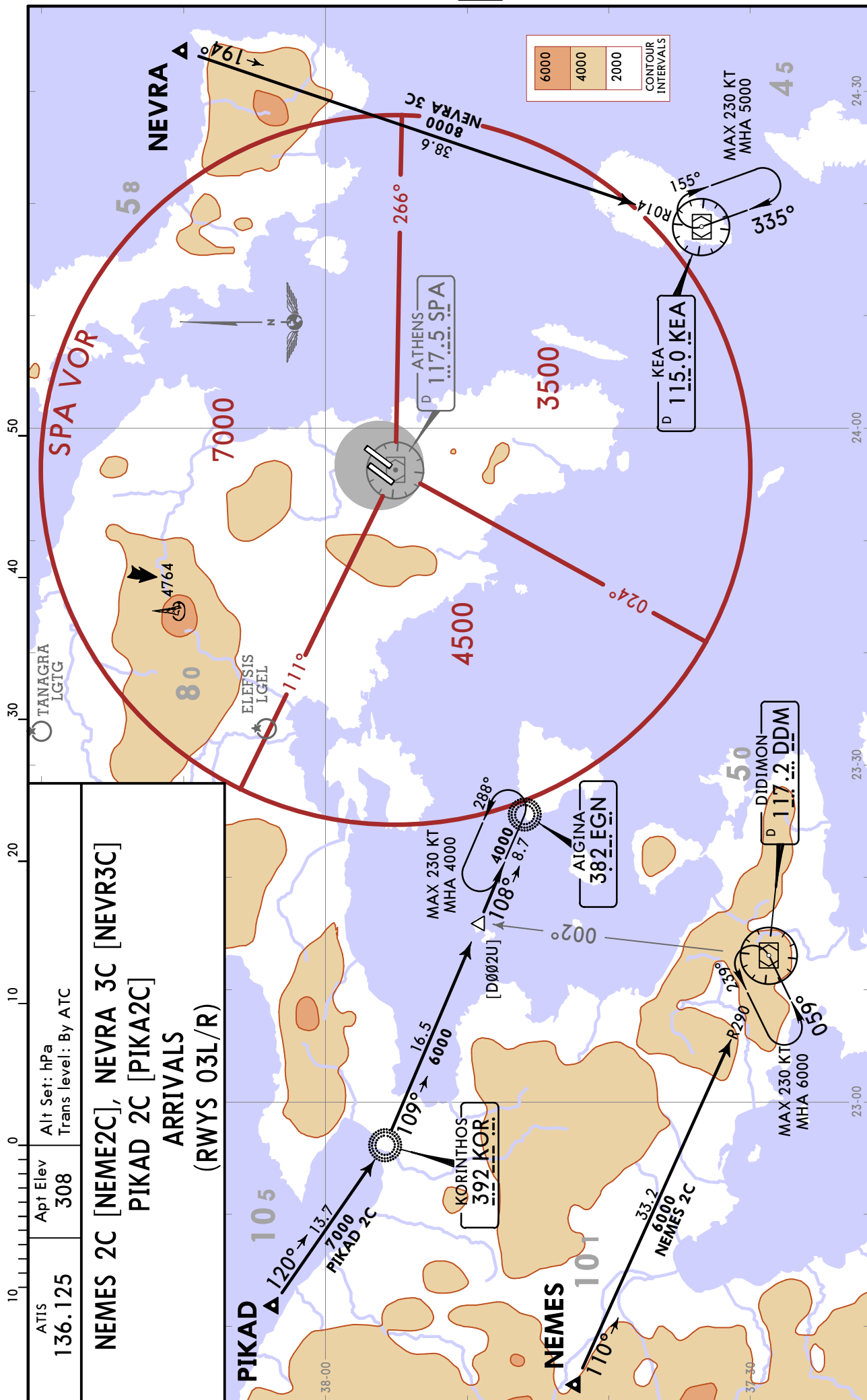
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**LGAV/ATH**  
**ELEFTHERIOS VENIZELOS INTL** 29 NOV 19

**JEPPESSEN**  
**10-2C** Eff 5 Dec

**ATHENS, GREECE**  
**STAR**



CHANGES: SIDs renumbered, radial/track update.

# LGAV/ATH

ELEFTHERIOS VENIZELOS INTL



# ATHENS, GREECE

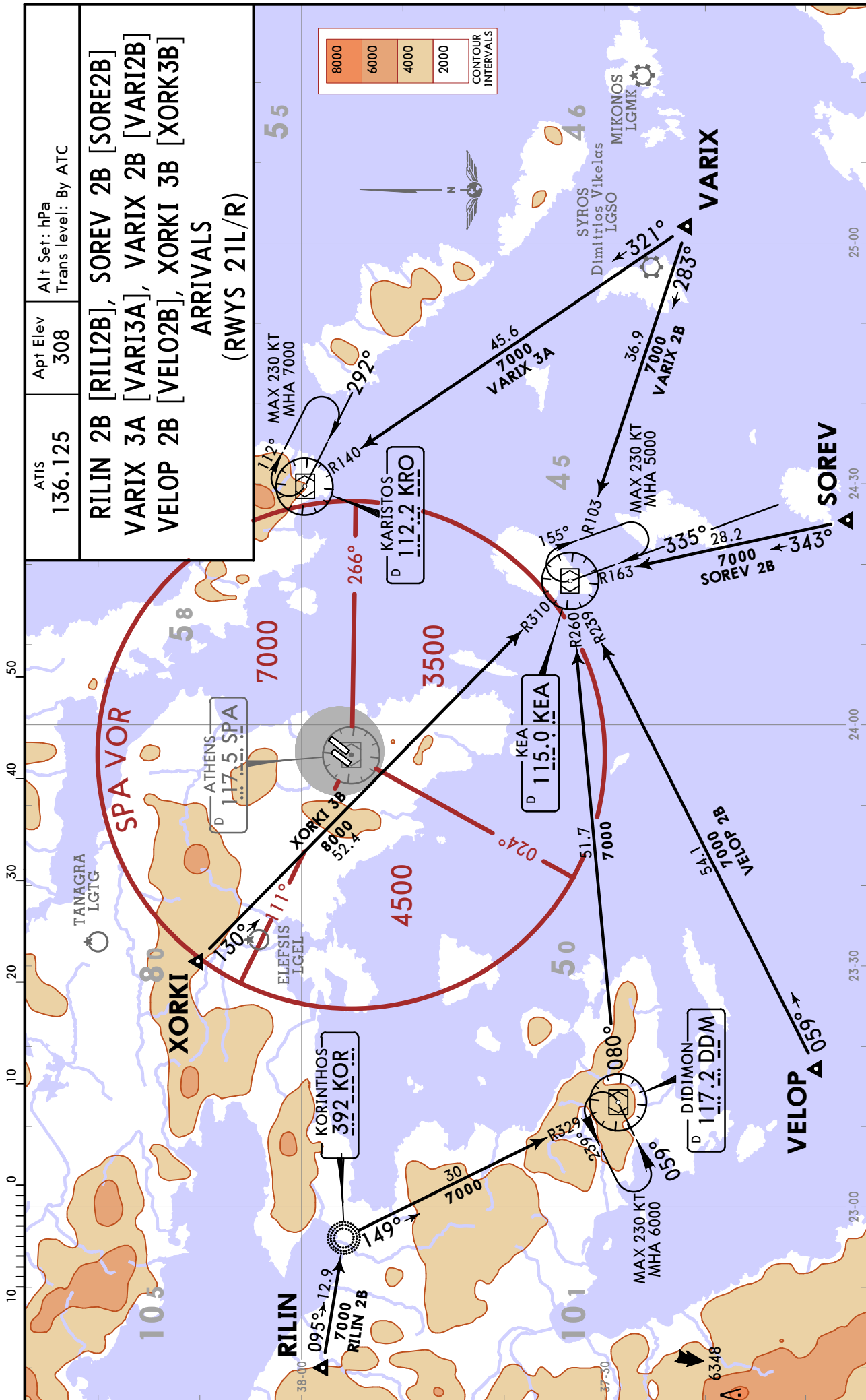
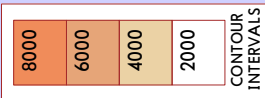
29 NOV 19

10-2D

Eff 5 Dec

STAR

ATIS 136.125	Apt Elev 308	Alt Set: hPa Trans level: By ATC
RILIN 2B [RILI2B], SOREV 2B [SORE2B] VARIX 3A [VARI3A], VARIX 2B [VARI2B] VELOP 2B [VELO2B], XORKI 3B [XORK3B]		
ARRIVALS (RWYS 21L/R)		



CHANGES: SIDs renumbered and revised.

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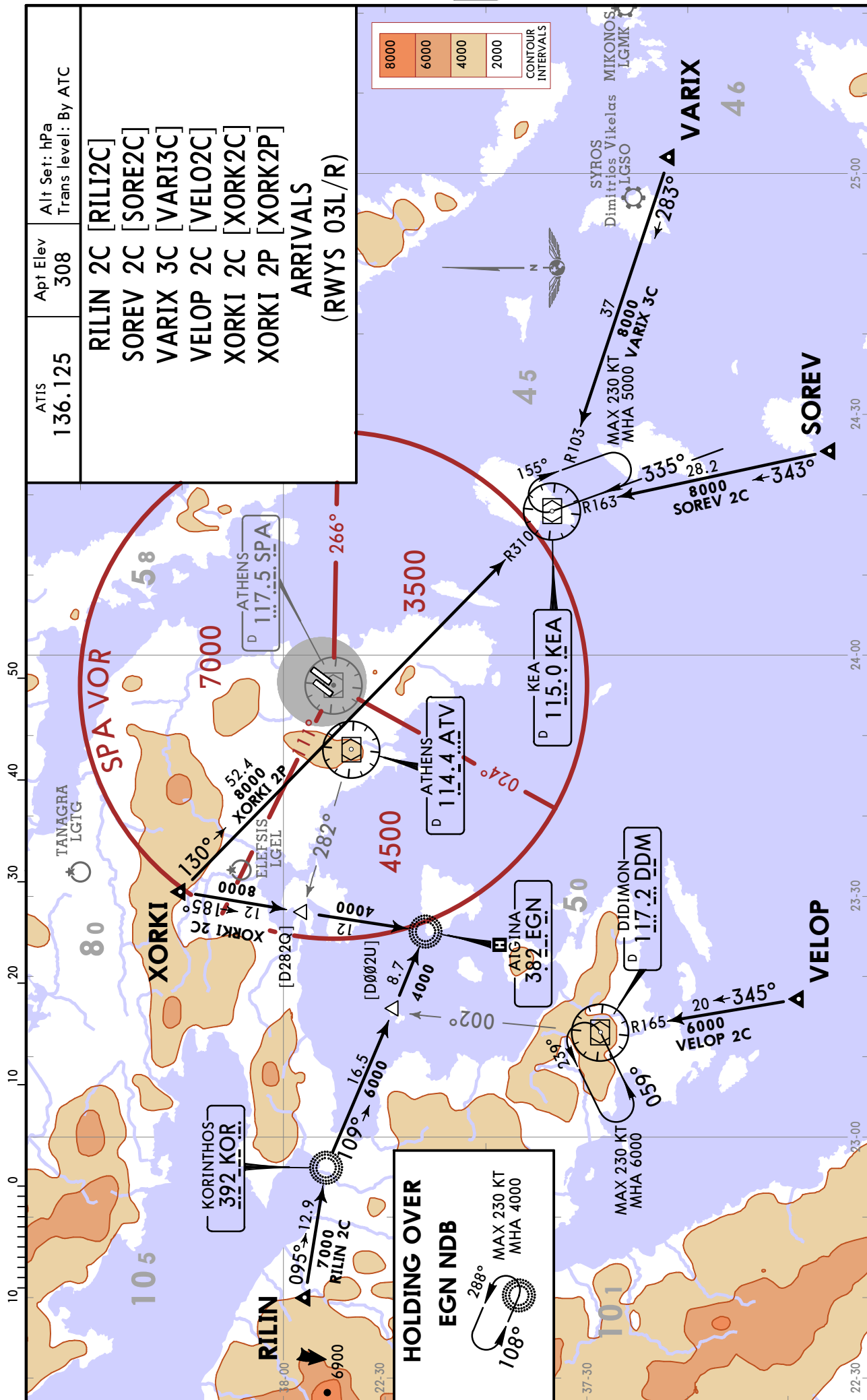
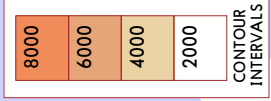
**LGAV/ATH**  
ELEFTHERIOS VENIZELOS INTL

**JEPPesen**  
29 NOV 19 **10-2E** Eff 5 Dec

**ATHENS, GREECE**

**STAR**

ATIS 136.125	Apt Elev 308	Alt Set: hPa Trans level: By ATC
<b>ARRIVALS</b> (RWYS 03L/R)		
RILIN 2C	[RILI2C]	
SOREV 2C	[SORE2C]	
VARIX 3C	[VARI3C]	
VELOP 2C	[VELO2C]	
XORKI 2C	[XORK2C]	
XORKI 2P	[XORK2P]	



**HOLDING OVER**  
**EGN NDB**  
MAX 230 KT  
MHA 4000  
288°  
108°

LGAV/ATH  
ELEFTHERIOS VENIZELOS INTL

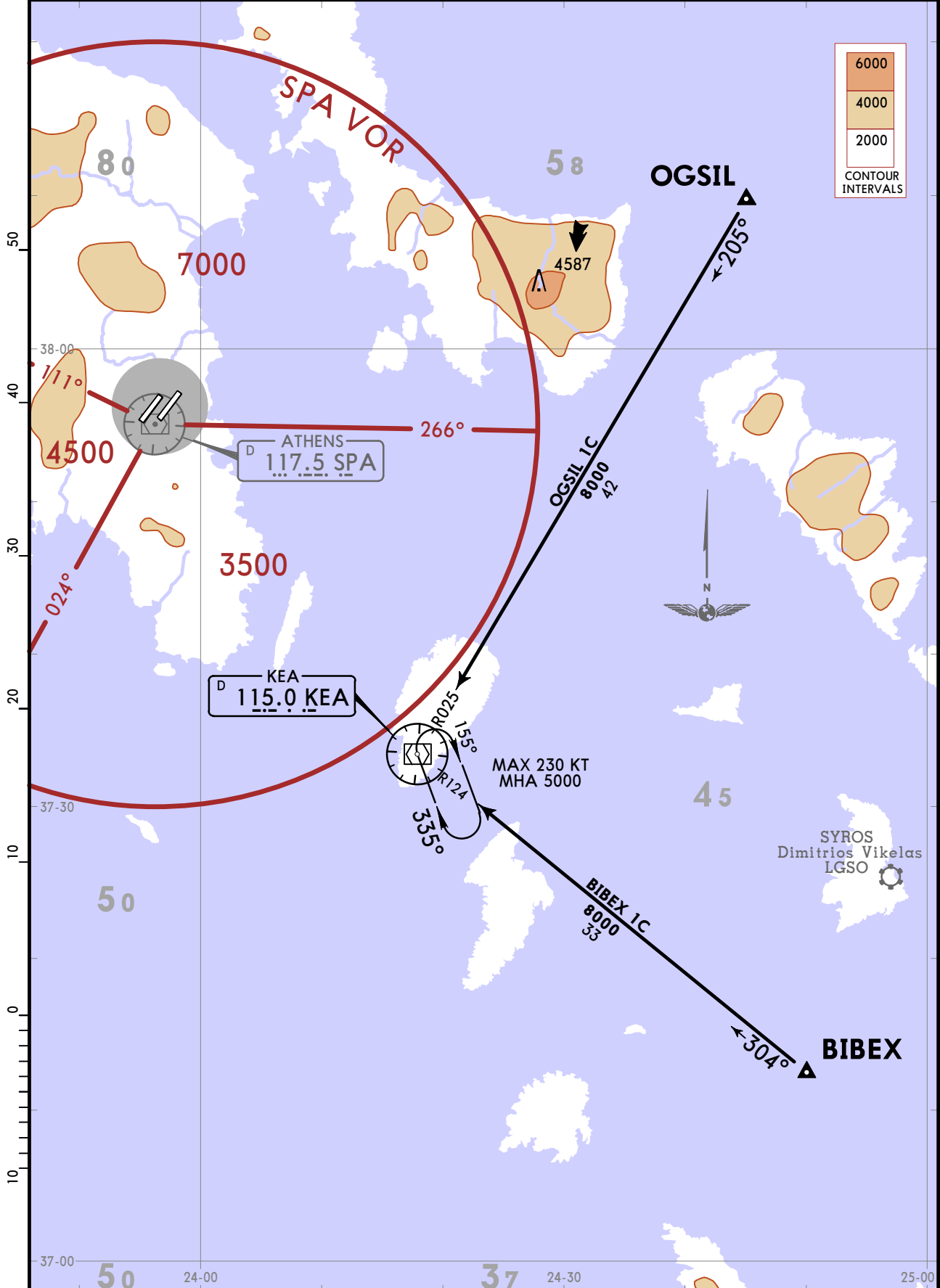
JEPPESEN  
29 NOV 19 10-2F Eff 5 Dec

ATHENS, GREECE

STAR

ATIS 136.125	Apt Elev 308	Alt Set: hPa Trans level: By ATC
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**BIBEX 1C [BIBE1C]  
OGSIL 1C [OGSI1C]  
ARRIVALS  
(RWYS 03L/R)**



CHANGES: New procedures at this airport.

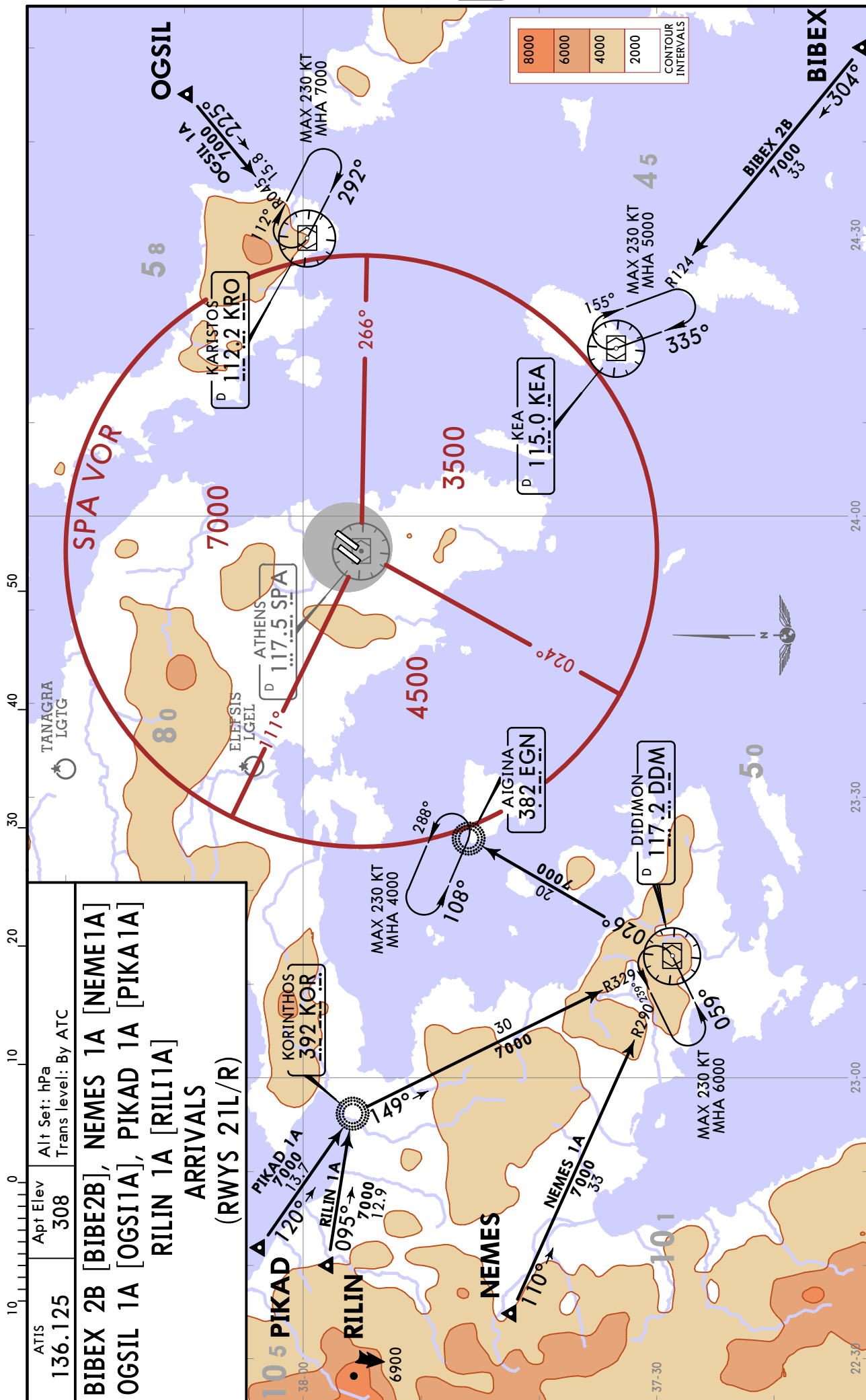
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**LGAV/ATH**  
ELEFTHERIOS VENIZELOS INTL

**JEPPESSEN**  
29 NOV 19 **10-2G** Eff 5 Dec

**ATHENS, GREECE**

**STAR**



ATIS	Apt Elev	Alt Set: hPa	Trans level: By ATC
136.125	308		
<b>BIBEX 2B [BIBE2B], NEMES 1A [NEME1A]</b> <b>OGSIL 1A [OGSI1A], PIKAD 1A [PIKA1A]</b> <b>RILIN 1A [RILI1A]</b> <b>ARRIVALS</b> <b>(RWYS 21L/R)</b>			

CHANGES: New procedures at this airport.

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LGAV/ATH


**JEPPESSEN**

ATHENS, GREECE

ELEFTHERIOS VENIZELOS INTL 29 NOV 19 10-3 Eff 5 Dec

**SID**

SID DESIGNATION	REFER TO CHART
BIBEX 1L, KEA 2L, KRO 1L	10-3B
DDM 1D, KOR 1D, ROPOX 1D	10-3C
KEPIR 2K, NEVRA 2N, OGSIL 1K	10-3D
BIBEX 1K, KEA 2K, SOREV 2N, VARIX 2K	10-3E
ASTOV 2K, VELOP 2K	10-3F
DDM 2T, KOR 2T, ROPOX 2T	10-3G
BIBEX 2T, KEA 2T, KRO 2T	10-3H
DDM 1J, KOR 1J, ROPOX 1J	10-3J
BIBEX 2J, KEA 2J, KRO 1J	10-3K
DDM 1F, KOR 1F, ROPOX 1F	10-3L
BIBEX 2F, KEA 2F, KRO 1F	10-3M
DDM 1G, KOR 1G, ROPOX 1G	10-3N
BIBEX 1G, KEA 2G, KRO 1G	10-3P
ATV 1E, ATV 1K	10-3Q
ATV 1G, ATV 1H	10-3S

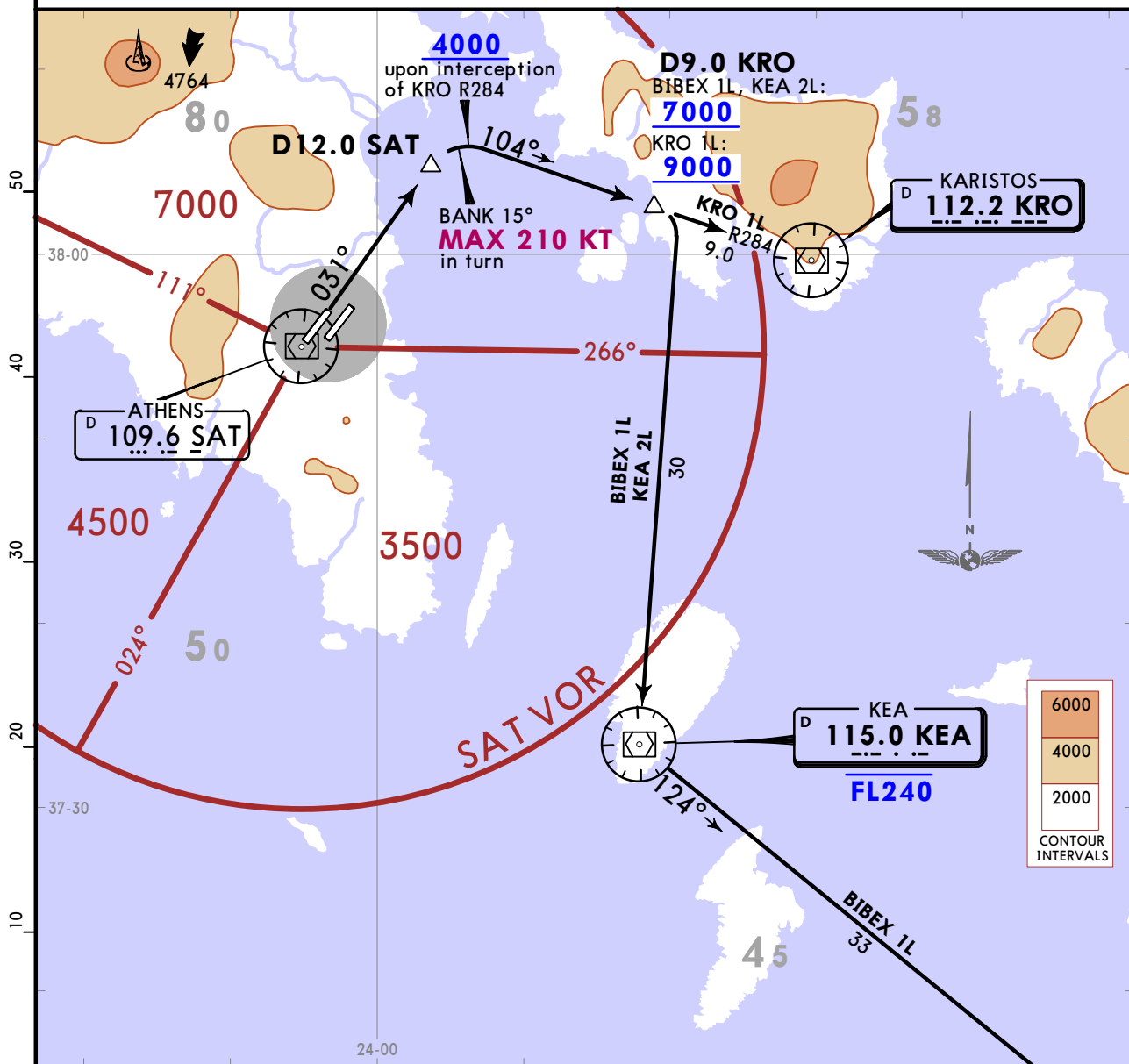
**LGAV/ATH**  
**ELEFTHERIOS VENIZELOS INTL**

**JEPPesen**  
 29 NOV 19 **10-3B** Eff 5 Dec

**ATHENS, GREECE**  
**SID**

Apt Elev **308**  
 Trans alt: 9000  
 Level restrictions are applied in case of radar failure and if not otherwise instructed by ATC, in order to secure vertical separation when flying on these SIDs and on specifically related SIDs from parallel RWY 03R.

**BIBEX 1L [BIBE1L]  
 KEA 2L [KEA2L]  
 KRO 1L [KRO1L]  
 DEPARTURES  
 (RWY 03L)**



These SIDs require a minimum climb gradient of 4.0% (243 per NM) up to 700 due to a terrain peak 605 at a distance of 1,7 NM and on a bearing of 038° from the DER of RWY 03L.

Gnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215

SID	ROUTING
<b>1 BIBEX 1L</b>	Climb on SAT R031, at D12.0 SAT, turn RIGHT, intercept KRO R284 inbound to KRO VOR, at D9.0 KRO turn RIGHT to KEA VOR, intercept KEA R124 to BIBEX. <b>1</b> Should be used for destination LGPA.
<b>KEA 2L</b>	Climb on SAT R031, at D12.0 SAT, turn RIGHT, intercept KRO R284 inbound to KRO VOR, at D9.0 KRO turn RIGHT to KEA VOR.
<b>KRO 1L</b>	Climb on SAT R031, at D12.0 SAT, turn RIGHT, intercept KRO R284 inbound to KRO VOR.

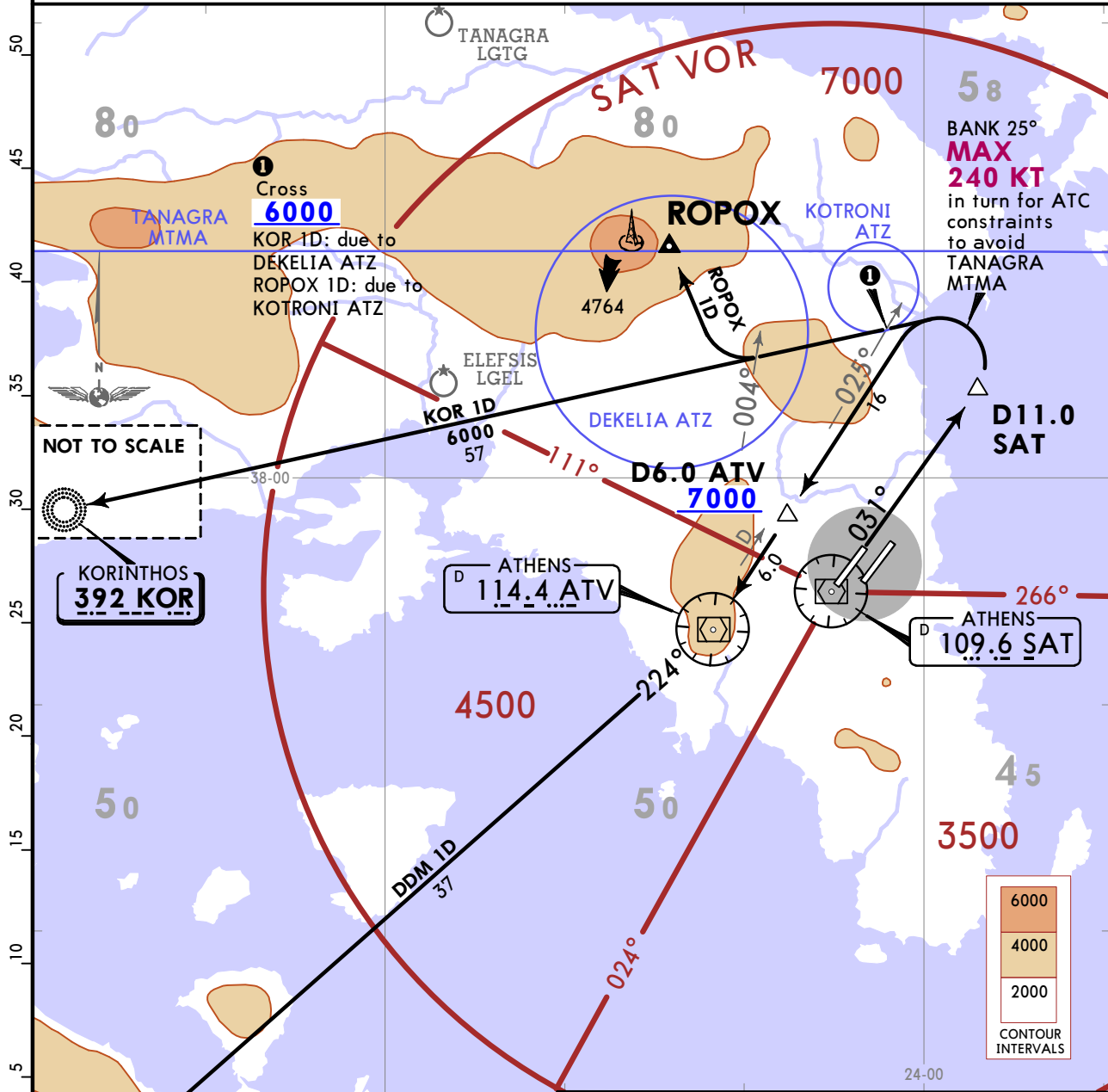
**LGAV/ATH**  
**ELEFTHERIOS VENIZELOS INTL**

**JEPPESEN**  
 29 NOV 19 **10-3C** **Eff 5 Dec**

**ATHENS, GREECE**  
**SID**

Apt Elev **308**  
 Trans alt: 9000  
 Level restrictions are applied in case of radar failure and if not otherwise instructed by ATC, in order to secure vertical separation when flying on these SIDs and on specifically related SIDs from parallel RWY 03R.

**DDM 1D [DDM1D]**  
**KOR 1D [KOR1D]**  
**ROPOX 1D [ROPO1D]**  
**DEPARTURES**  
**(RWY 03L)**

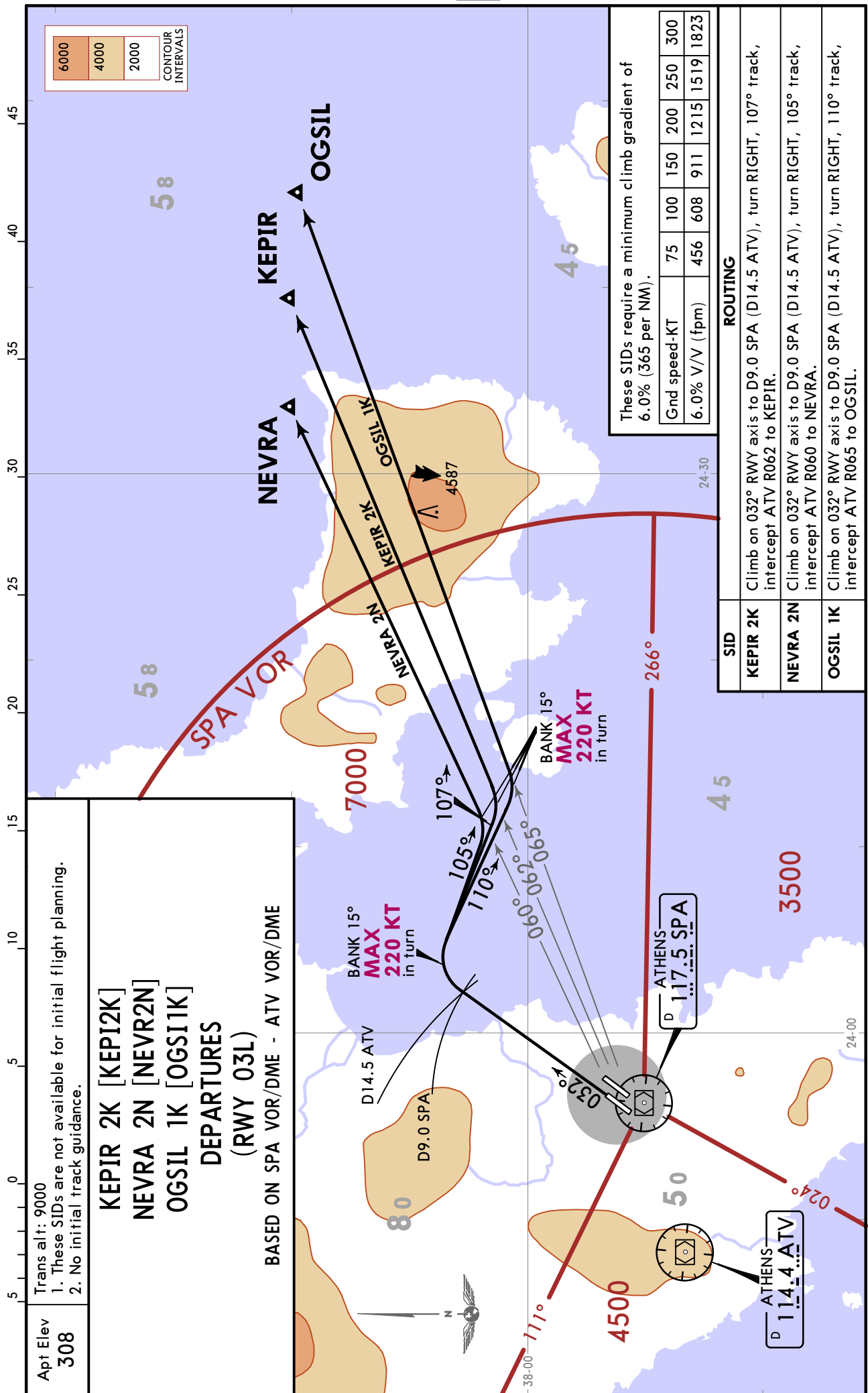


These SIDs require a minimum climb gradient of 5.7% (346 per NM) up to 5200 due to obstacle 3635 at a distance of 8,48 NM and on a bearing 335° from the DER of RWY 03L.

Gnd speed-KT	75	100	150	200	250	300
5.7% V/V (fpm)	433	577	866	1154	1443	1732

SID	ROUTING
<b>DDM 1D</b>	Climb on R031 SAT, at D11.0 SAT turn LEFT to ATV VOR and then to DDM VOR.
<b>KOR 1D</b>	Climb on R031 SAT, at D11.0 SAT turn LEFT to KOR NDB.
<b>ROPOX 1D</b>	Climb on R031 SAT, at D11.0 SAT turn LEFT towards KOR NDB, passing R004 ATV, turn RIGHT to ROPOX.





CHANGES: Chart completely revised.

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

**JEPPesen**  
 29 NOV 19 **10-3E** **Eff 5 Dec**

**ATHENS, GREECE**  
**SID**

Apt Elev **308** Trans alt: 9000  
 1. These SIDs are not available for initial flight planning.  
 2. No initial track guidance.

**BIBEX 1K [BIBE1K]**  
**KEA 2K [KEA2K]**  
**SOREV 2N [SORE2N]**  
**VARIX 2K [VARI2K]**

**DEPARTURES**  
**(RWY 03L)**  
**BASED ON SPA VOR/DME - ATV VOR/DME**



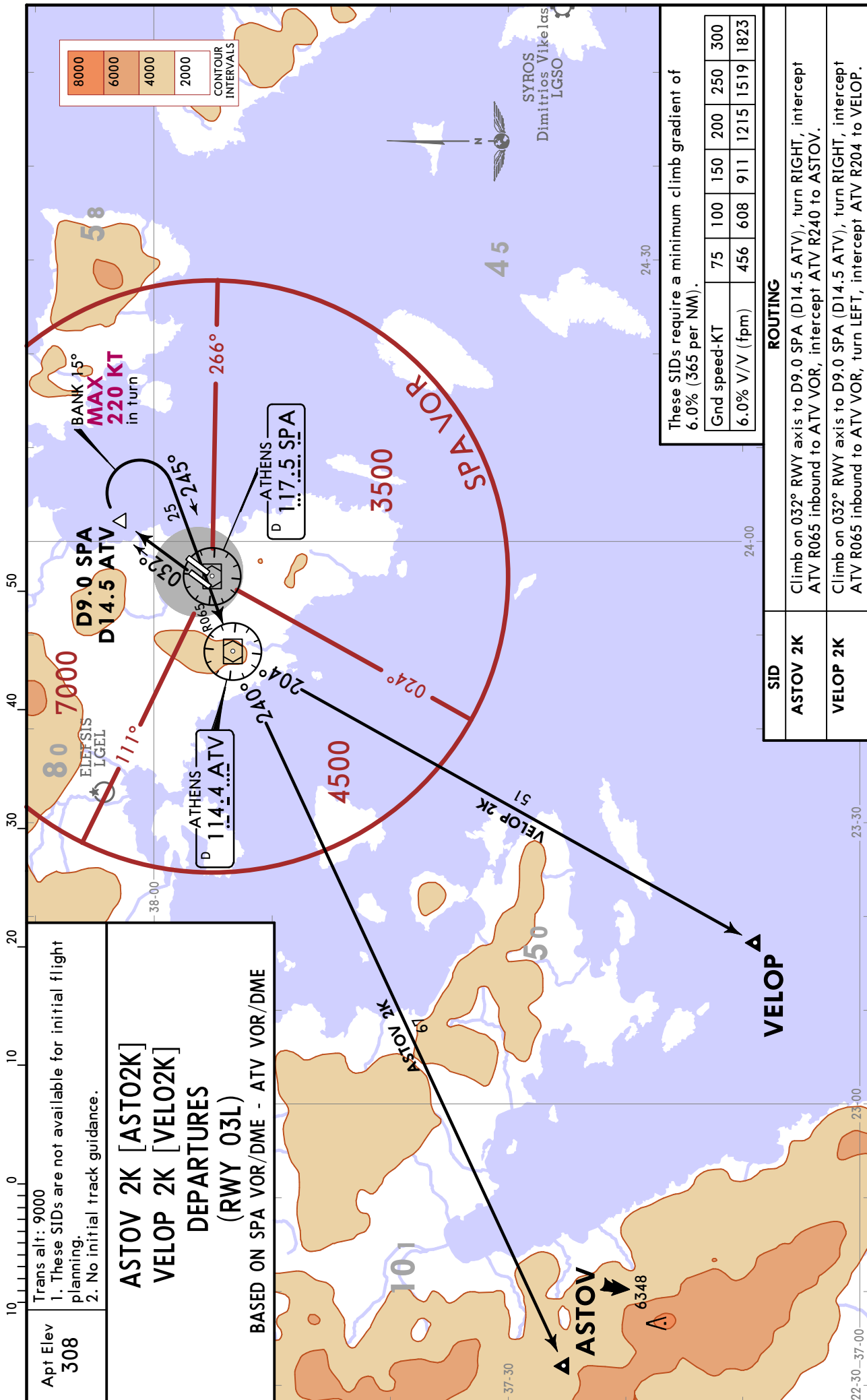
SID	ROUTING
<b>1 BIBEX 1K</b>	Climb on 032° RWY axis to D7.5 SPA (D13.0 ATV), turn RIGHT, intercept and follow D15.0 ATV Arc, when passing ATV R116 turn LEFT, intercept ATV R124 to BIBEX. <b>1</b> Should be used for destination LGPA.
<b>KEA 2K</b>	Climb on 032° RWY axis to D9.0 SPA (D14.5 ATV), turn RIGHT, intercept KEA R340 inbound to KEA VOR.
<b>SOREV 2N</b>	Climb on 032° RWY axis to D7.5 SPA (D13.0 ATV), turn RIGHT, intercept and follow D15.0 ATV Arc, when passing ATV R135 turn LEFT, intercept ATV R143 to SOREV
<b>VARIX 2K</b>	Climb on 032° RWY axis to D7.5 SPA (D13.0 ATV), turn RIGHT, intercept and follow D15.0 ATV Arc, when passing ATV R105 turn LEFT, intercept ATV R113 to VARIX.

**LGAV/ATH**  
**ELEFTHERIOS VENIZELOS INTL** 29 NOV 19

**JEPPesen**  
**10-3F** Eff 5 Dec

**ATHENS, GREECE**

**SID**

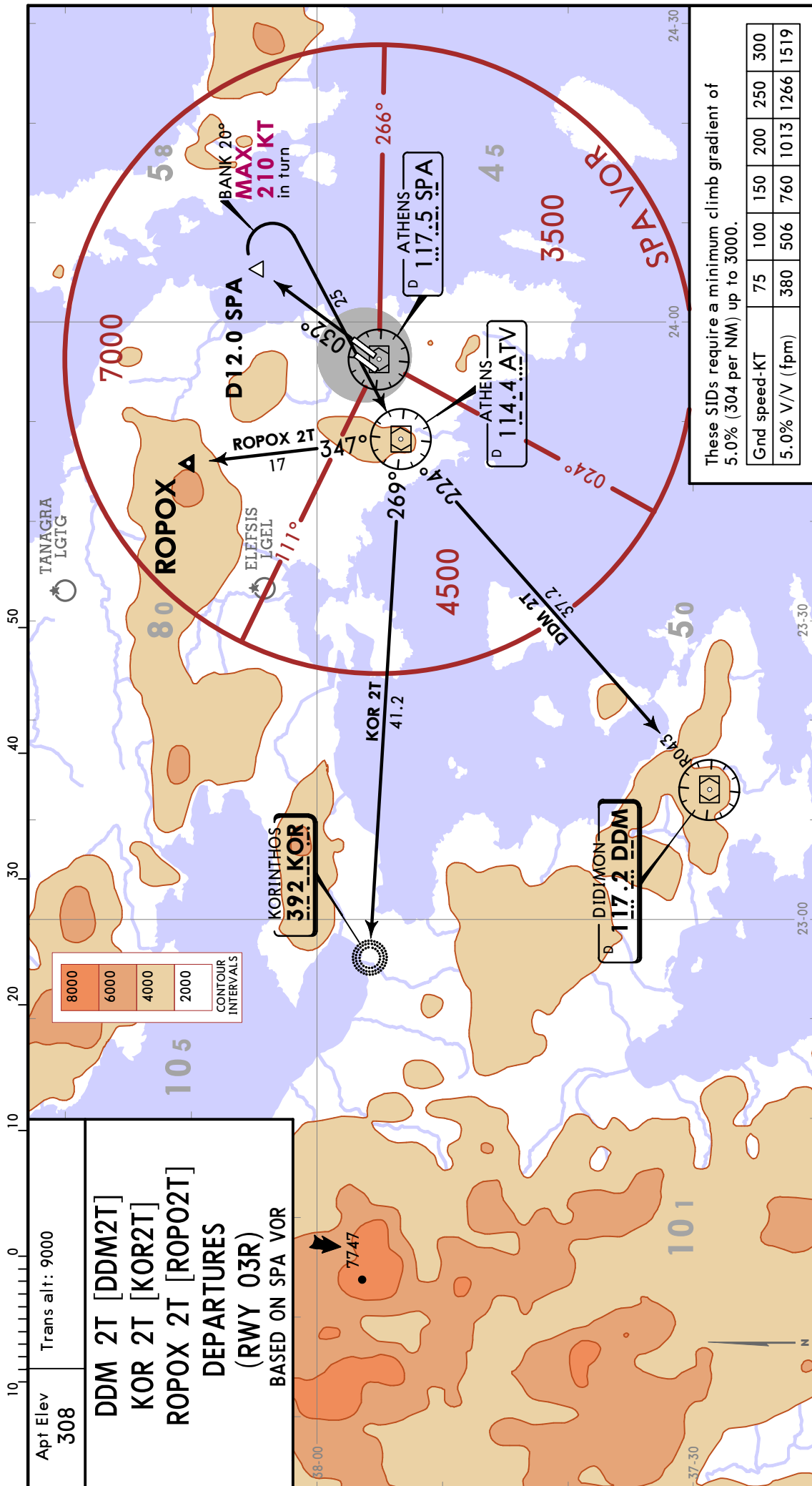


**LGAV/ATH**  
**ELEFTHERIOS VENIZELOS INTL** 29 NOV 19

**JEPPesen**  
**10-3G** Eff 5 Dec

**ATHENS, GREECE**

**SID**



These SIDs require a minimum climb gradient of 5.0% (304 per NM) up to 3000.

Gnd speed-KT	75	100	150	200	250	300
5.0% V/V (fpm)	380	506	760	1013	1266	1519

SID	ROUTING
<b>DDM 2T</b>	Climb on SPA R032, at D12.0 SPA turn RIGHT to ATV VOR, intercept ATV R224 to DDM VOR.
<b>KOR 2T</b>	Climb on SPA R032, at D12.0 SPA turn RIGHT to ATV VOR, intercept ATV R269 to KOR NDB.
<b>ROPOX 2T</b>	Climb on SPA R032, at D12.0 SPA turn RIGHT to ATV VOR, turn RIGHT, intercept ATV R347 to ROPOX.

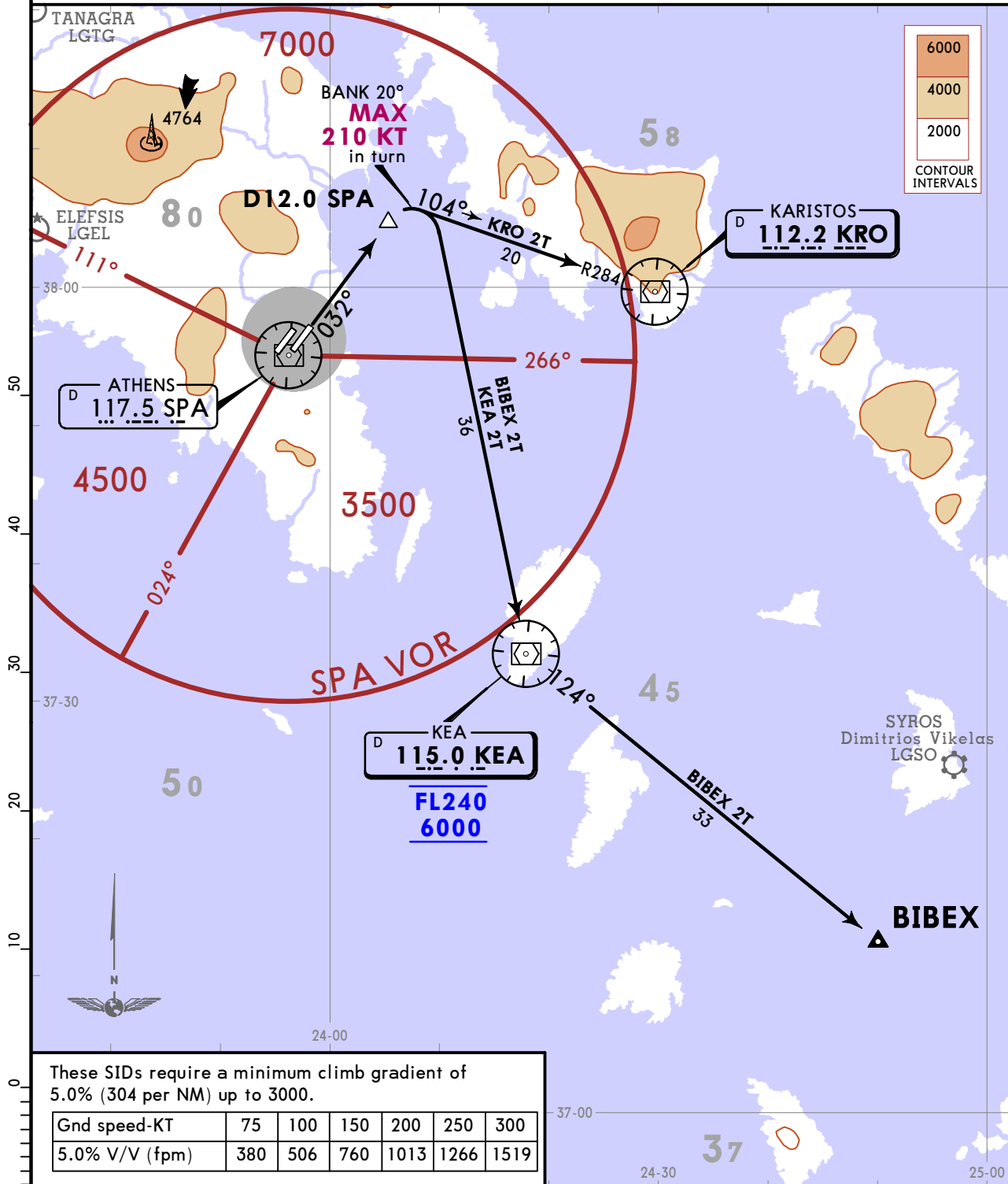
**LGAV/ATH**  
**ELEFTHERIOS VENIZELOS INTL**

**JEPPESEN**  
 29 NOV 19 **10-3H** Eff 5 Dec

**ATHENS, GREECE**  
**SID**

Apt Elev 308  
 Trans alt: 9000

**BIBEX 2T [BIBE2T]**  
**KEA 2T [KEA2T]**  
**KRO 2T [KRO2T]**  
**DEPARTURES**  
**(RWY 03R)**  
**BASED ON SPA VOR**



These SIDs require a minimum climb gradient of 5.0% (304 per NM) up to 3000.

Gnd speed-KT	75	100	150	200	250	300
5.0% V/V (fpm)	380	506	760	1013	1266	1519

SID	ROUTING
<b>1 BIBEX 2T</b>	Climb on SPA R032, at D12.0 SPA turn RIGHT to KEA VOR, turn LEFT, intercept KEA R124 to BIBEX. 1 Should be used for destination LGPA.
<b>KEA 2T</b>	Climb on SPA R032, at D12.0 SPA turn RIGHT to KEA VOR.
<b>KRO 2T</b>	Climb on SPA R032, at D12.0 SPA turn RIGHT, intercept KRO R284 inbound to KRO VOR.

# LGAV/ATH



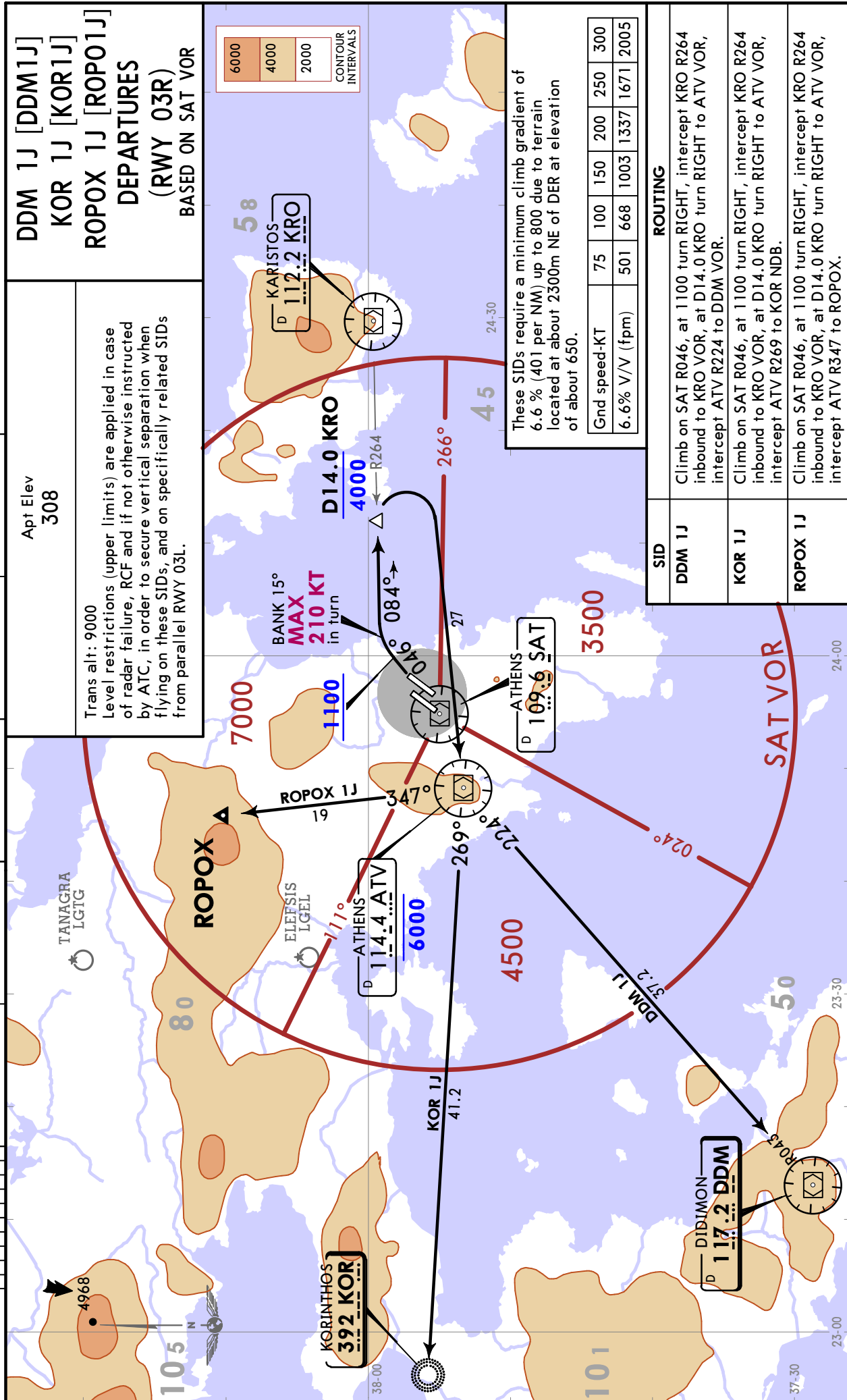
# ATHENS, GREECE

ELEFTHERIOS VENIZELOS INTL 29 NOV 19

10-3J

Eff 5 Dec

SID



CHANGES: Chart completely revised.

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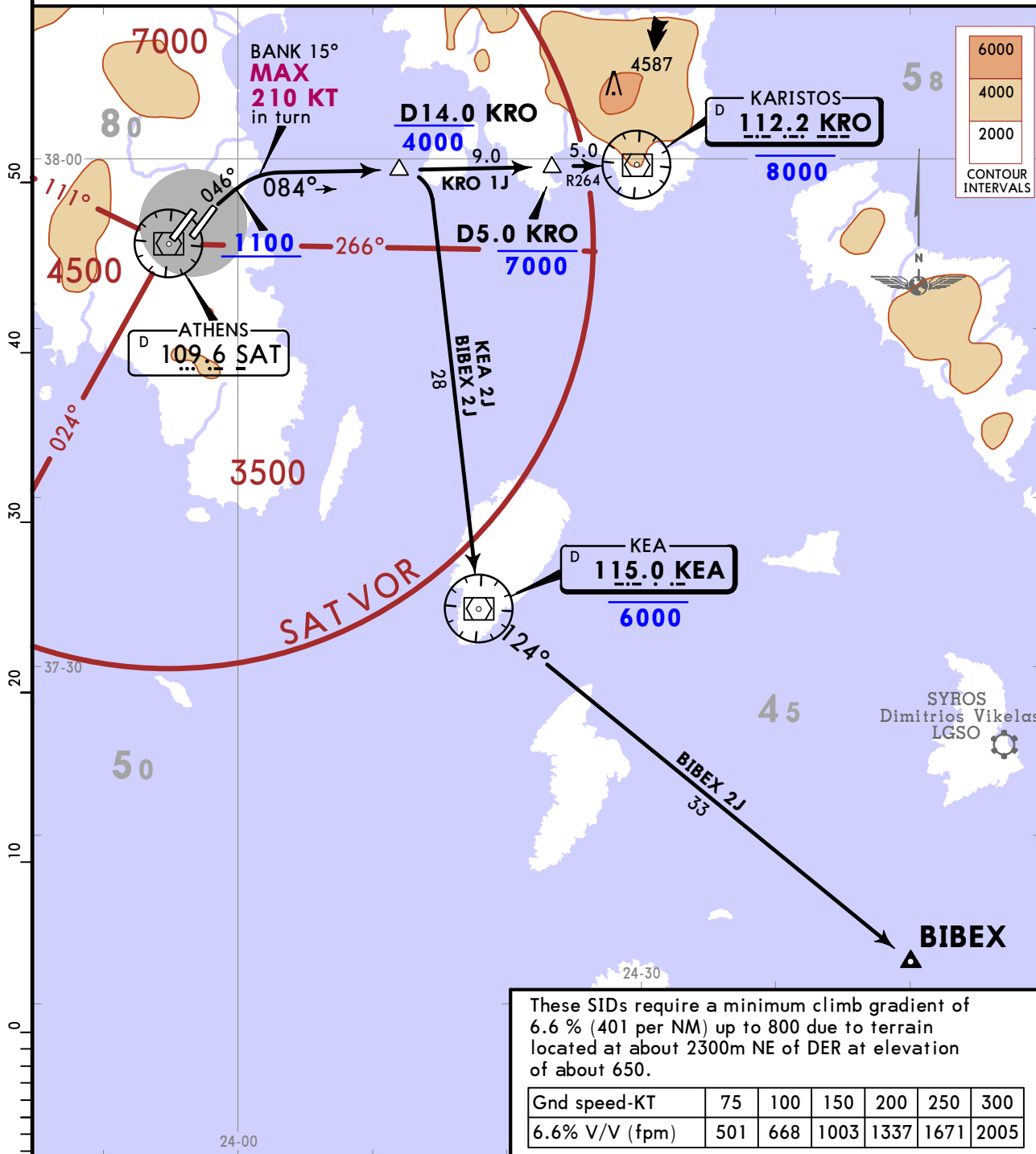
**LGAV/ATH**  
ELEFTHERIOS VENIZELOS INTL

**JEPPESEN**  
29 NOV 19 **10-3K** **Eff 5 Dec**

**ATHENS, GREECE**  
**SID**

Apt Elev 308  
Trans alt: 9000  
Level restrictions (upper limits) are applied in case of radar failure, RCF and if not otherwise instructed by ATC, in order to secure vertical separation when flying on these SIDs, and on specifically related SIDs from parallel RWY 03L.

**BIBEX 2J [BIBE2J]**  
**KEA 2J [KEA2J]**  
**KRO 1J [KRO1J]**  
**DEPARTURES**  
**(RWY 03R)**  
**BASED ON SAT VOR**



SID	ROUTING
<b>1 BIBEX 2J</b>	Climb on SAT R046, at 1100 turn RIGHT, intercept KRO R264 inbound to KRO VOR, at D14.0 KRO turn RIGHT to KEA VOR, intercept KEA R124 to BIBEX. <b>1</b> Should be used for destination LGPA.
<b>KEA 2J</b>	Climb on SAT R046, at 1100 turn RIGHT, intercept KRO R264 inbound to KRO VOR, at D14.0 KRO turn RIGHT to KEA VOR.
<b>KRO 1J</b>	Climb on SAT R046, at 1100 turn RIGHT, intercept KRO R264 inbound to KRO VOR.

CHANGES: Chart completely revised.

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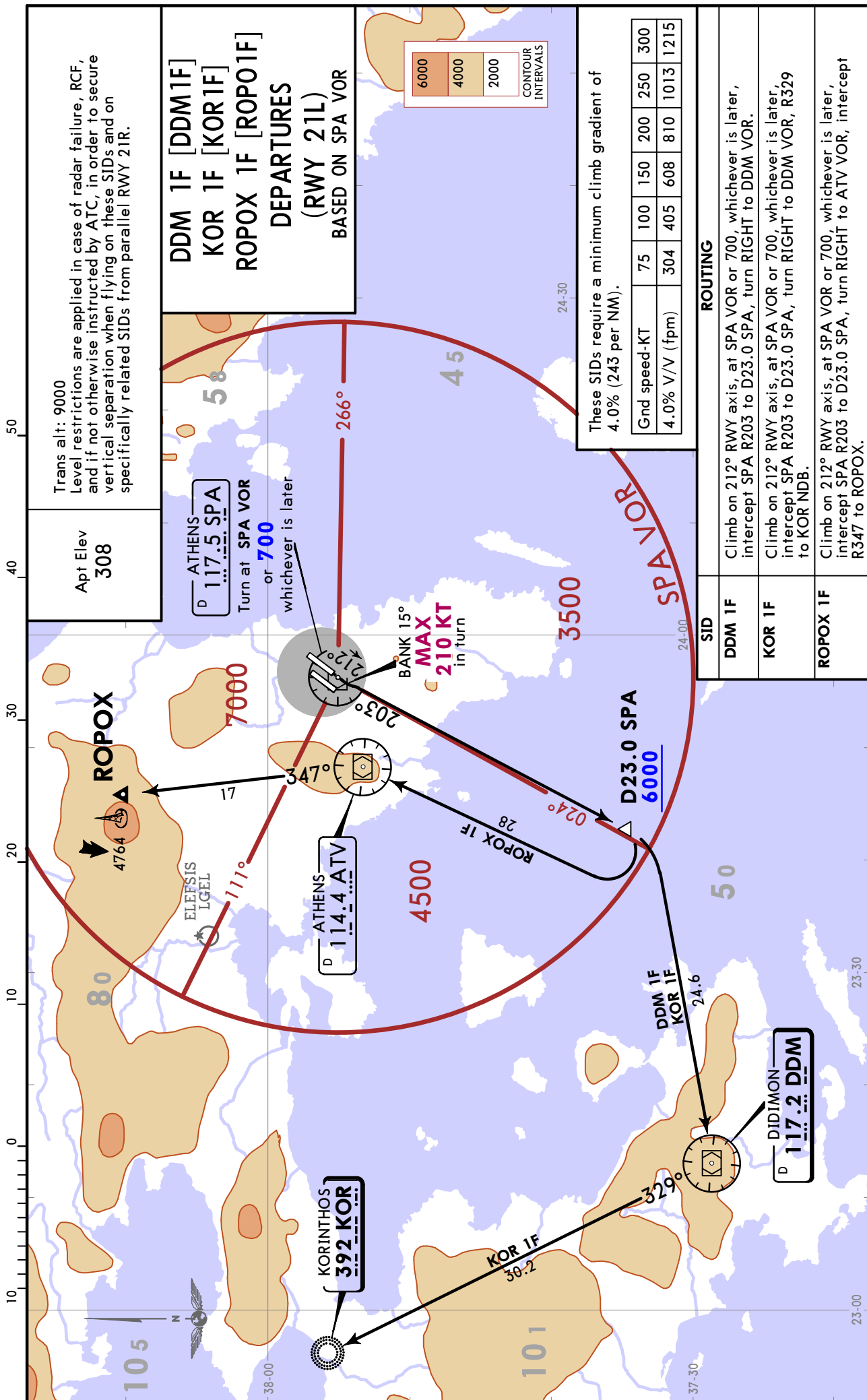
# LGAV/ATH

## ELEFTHERIOS VENIZELOS INTL

29 NOV 19 **10-3L** Eff 5 Dec

# ATHENS, GREECE

**SID**





# LGAV/ATH

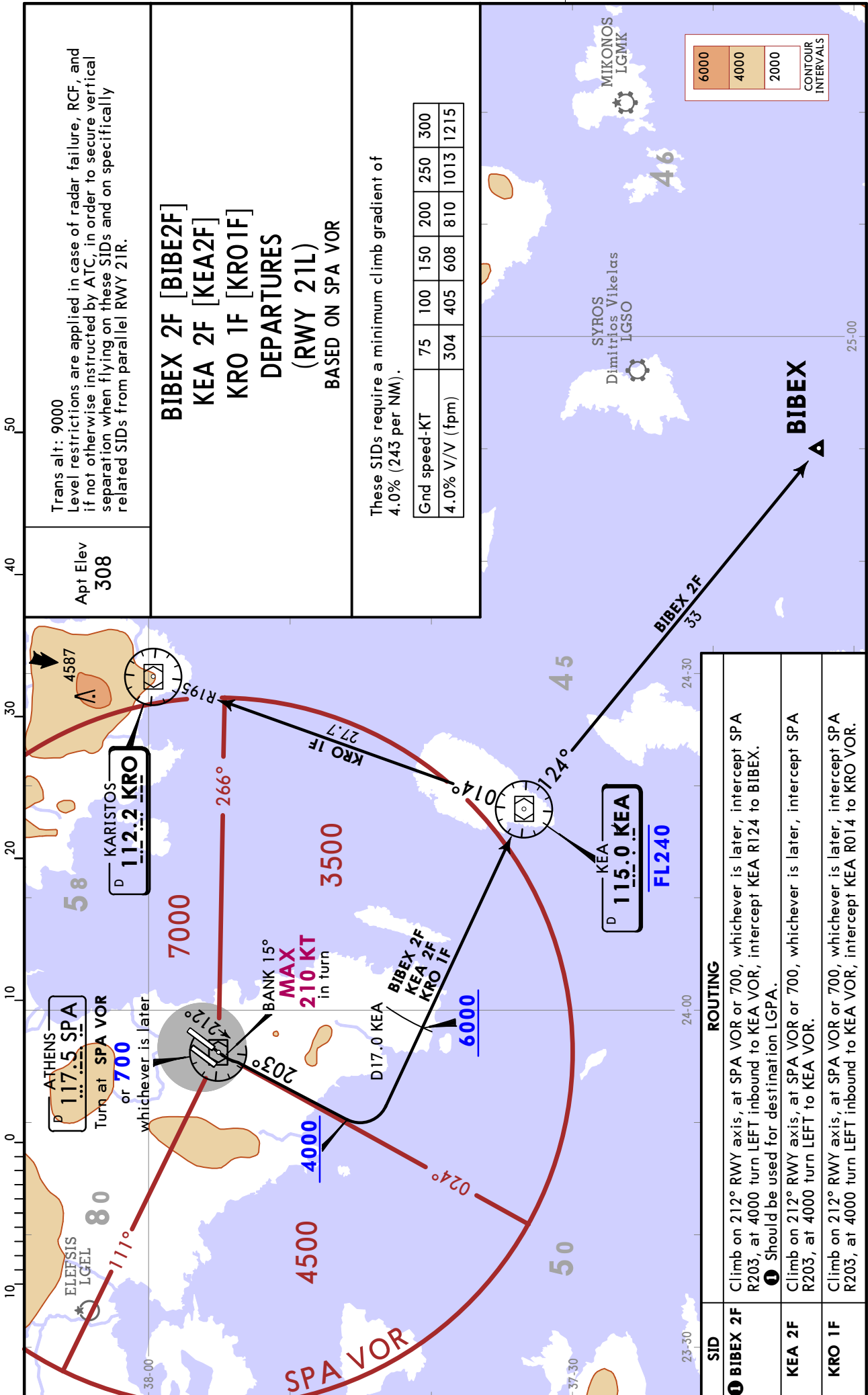
## ELEFTHERIOS VENIZELOS INTL



# ATHENS, GREECE

**SID**

27 DEC 19 10-3M



Trans alt: 9000  
Level restrictions are applied in case of radar failure, RCF, and if not otherwise instructed by ATC, in order to secure vertical separation when flying on these SIDs and on specifically related SIDs from parallel RWY 21R.

Apt Elev  
**308**

**BIBEX 2F [BIBEX2F]**  
**KEA 2F [KEA2F]**  
**KRO 1F [KRO1F]**  
**DEPARTURES**  
**(RWY 21L)**  
**BASED ON SPA VOR**

These SIDs require a minimum climb gradient of 4.0% (243 per NM).

Gnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215

6000
4000
2000
CONTOUR INTERVALS

**ROUTING**

- BIBEX 2F** Climb on 212° RWY axis, at SPA VOR or 700, whichever is later, intercept SPA R203, at 4000 turn LEFT inbound to KEA VOR, intercept KEA R124 to BIBEX. **1** Should be used for destination LGPA.
- KEA 2F** Climb on 212° RWY axis, at SPA VOR or 700, whichever is later, intercept SPA R203, at 4000 turn LEFT to KEA VOR.
- KRO 1F** Climb on 212° RWY axis, at SPA VOR or 700, whichever is later, intercept SPA R203, at 4000 turn LEFT inbound to KEA VOR, intercept KEA R014 to KRO VOR.

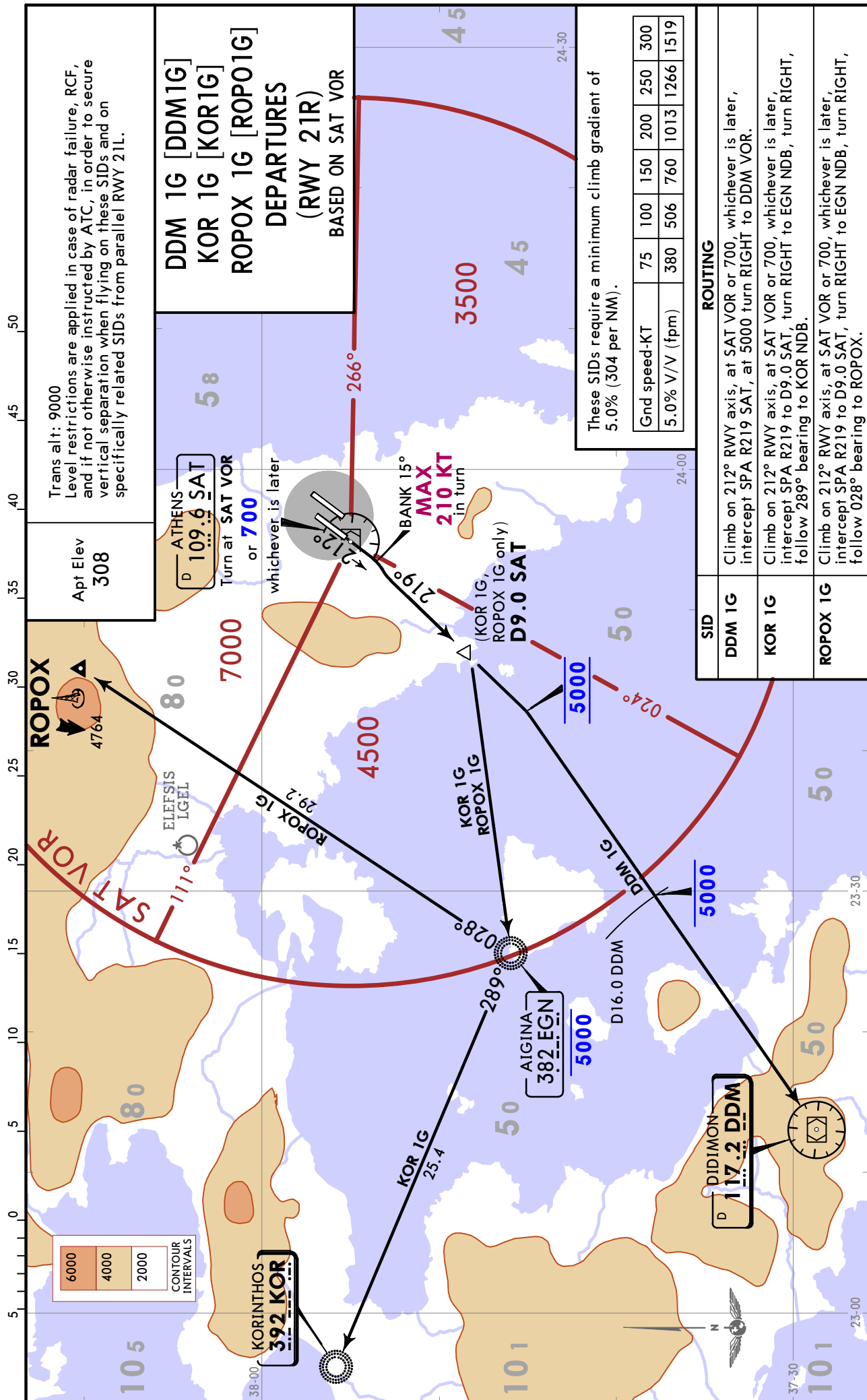
**LGAV/ATH**  
ELEFTHERIOS VENIZELOS INTL



**ATHENS, GREECE**

27 DEC 19 **10-3N**

**SID**



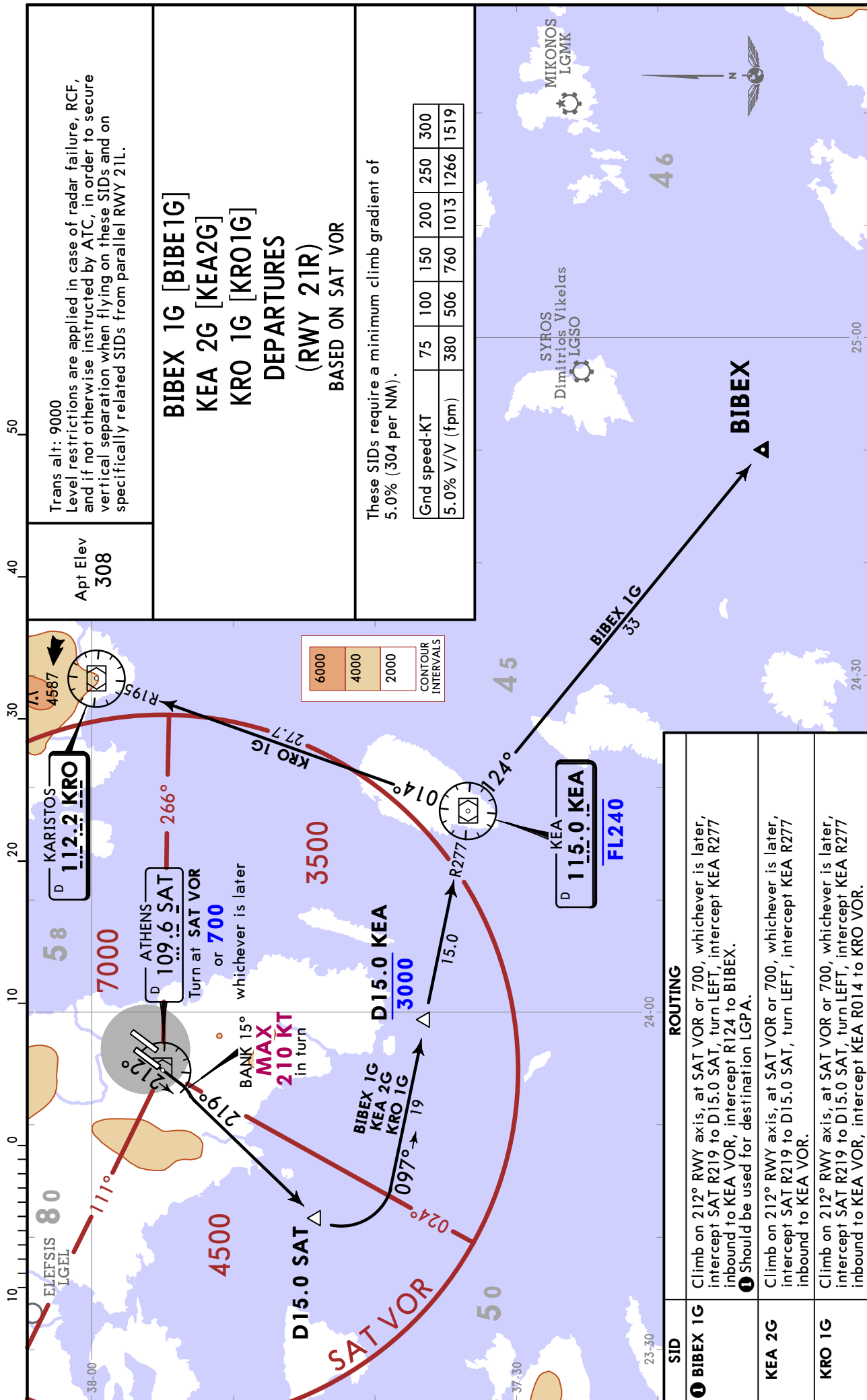
# LGAV/ATH

## ELEFTHERIOS VENIZELOS INTL

29 NOV 19 **10-3P** Eff 5 Dec

# ATHENS, GREECE

**SID**



CHANGES: Chart completely revised.

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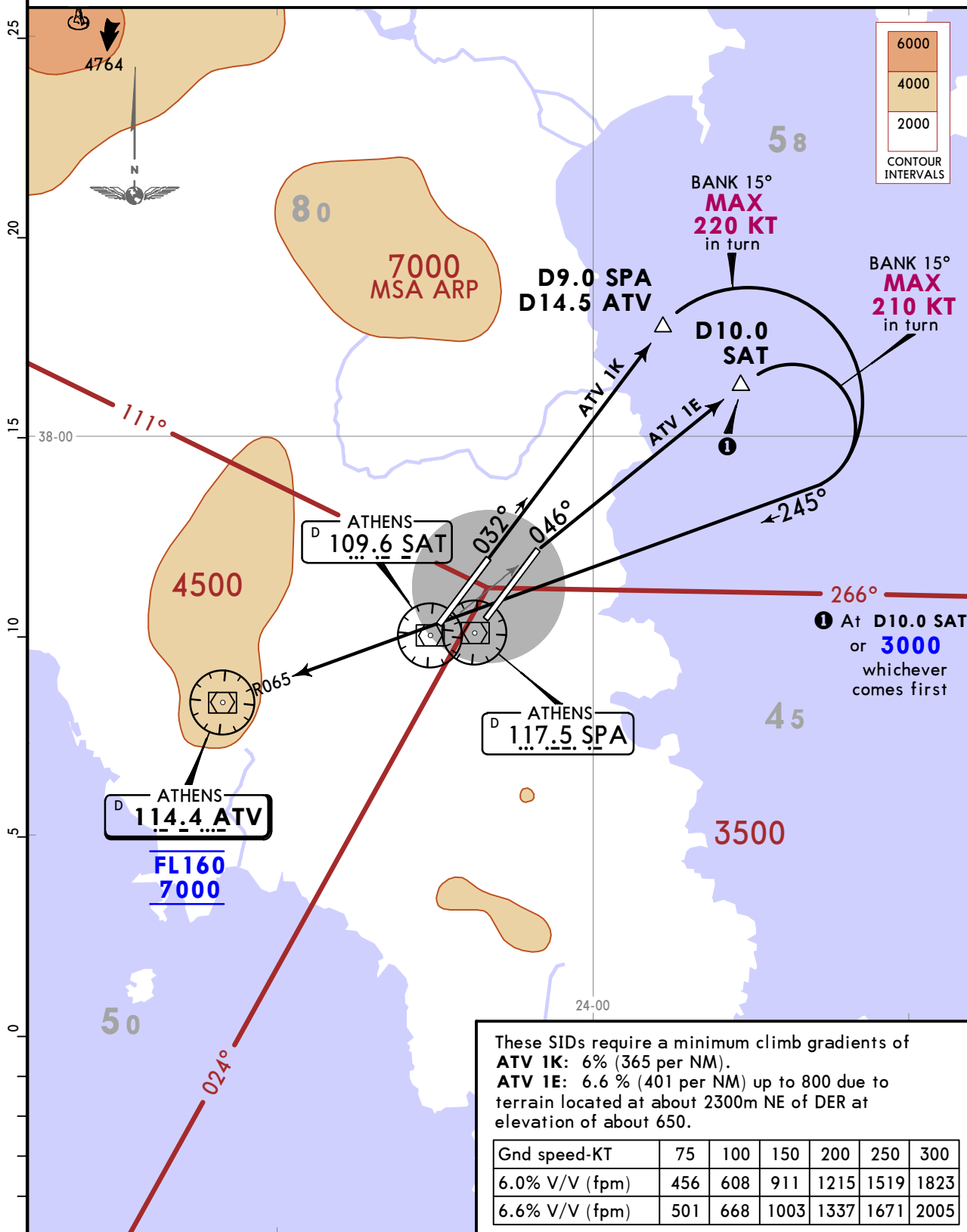
**LGAV/ATH**  
**ELEFTHERIOS VENIZELOS INTL**

**JEPPESEN**  
 29 NOV 19 **10-3Q** **Eff 5 Dec**

**ATHENS, GREECE**  
**SID**

Apt Elev **308** Trans alt: 9000  
 These SIDs are not available for initial flight planning.

**ATV 1E**  
**ATV 1K**  
**DEPARTURES**



SID	RWY	ROUTING
<b>ATV 1E</b>	<b>03R</b>	Climb on SAT R046, at 3000 or D10.0 SAT, whichever comes first, turn RIGHT to ATV VOR.
<b>ATV 1K</b>	<b>03L</b>	Climb on 032° RWY axis, at D9.0 SPA (D14.5 ATV), turn RIGHT to ATV VOR.

CHANGES: New procedures at this airport.

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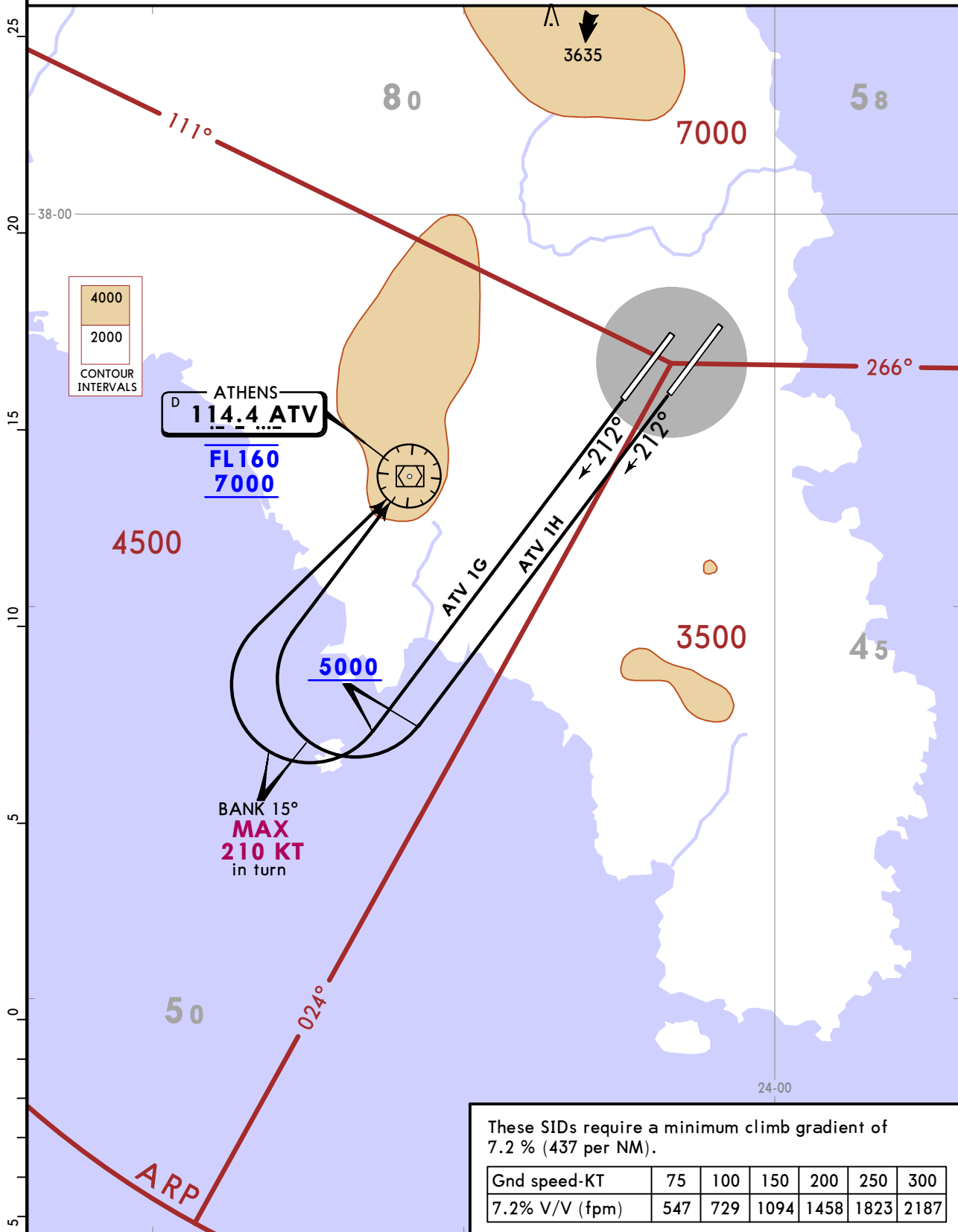
**LGAV/ATH**  
**ELEFTHERIOS VENIZELOS INTL**

**JEPPESEN**  
 29 NOV 19 **10-3S** **Eff 5 Dec**

**ATHENS, GREECE**  
**SID**

Apt Elev **308** Trans alt: 9000  
 These SIDs are not available for initial flight planning.

**ATV 1G**  
**ATV 1H**  
**DEPARTURES**



SID	RWY	ROUTING
<b>ATV 1G</b>	<b>21R</b>	Climb on 212° RWY axis, at 5000 turn RIGHT to ATV VOR.
<b>ATV 1H</b>	<b>21L</b>	Climb on 212° RWY axis, at 5000 turn RIGHT to ATV VOR.

CHANGES: New procedures at this airport.

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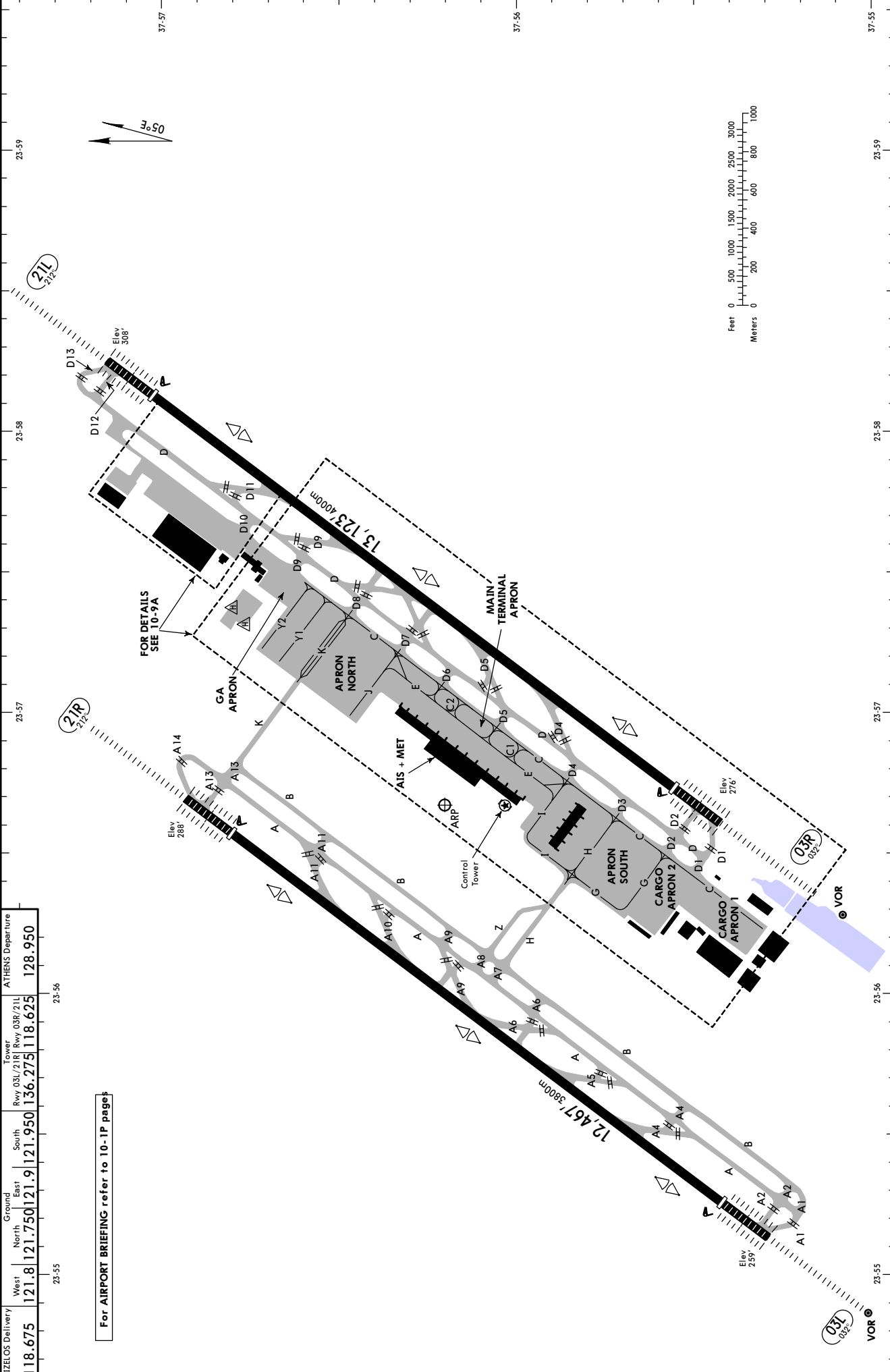
**ATHENS, GREECE**  
ELEFTHERIOS VENIZELOS INTL

31 MAY 19 10-9

**LGAV / ATH**  
Apt Elev **308'**  
N37.56.2 E023.56.7

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

For AIRPORT BRIEFING refer to 10-1P pages

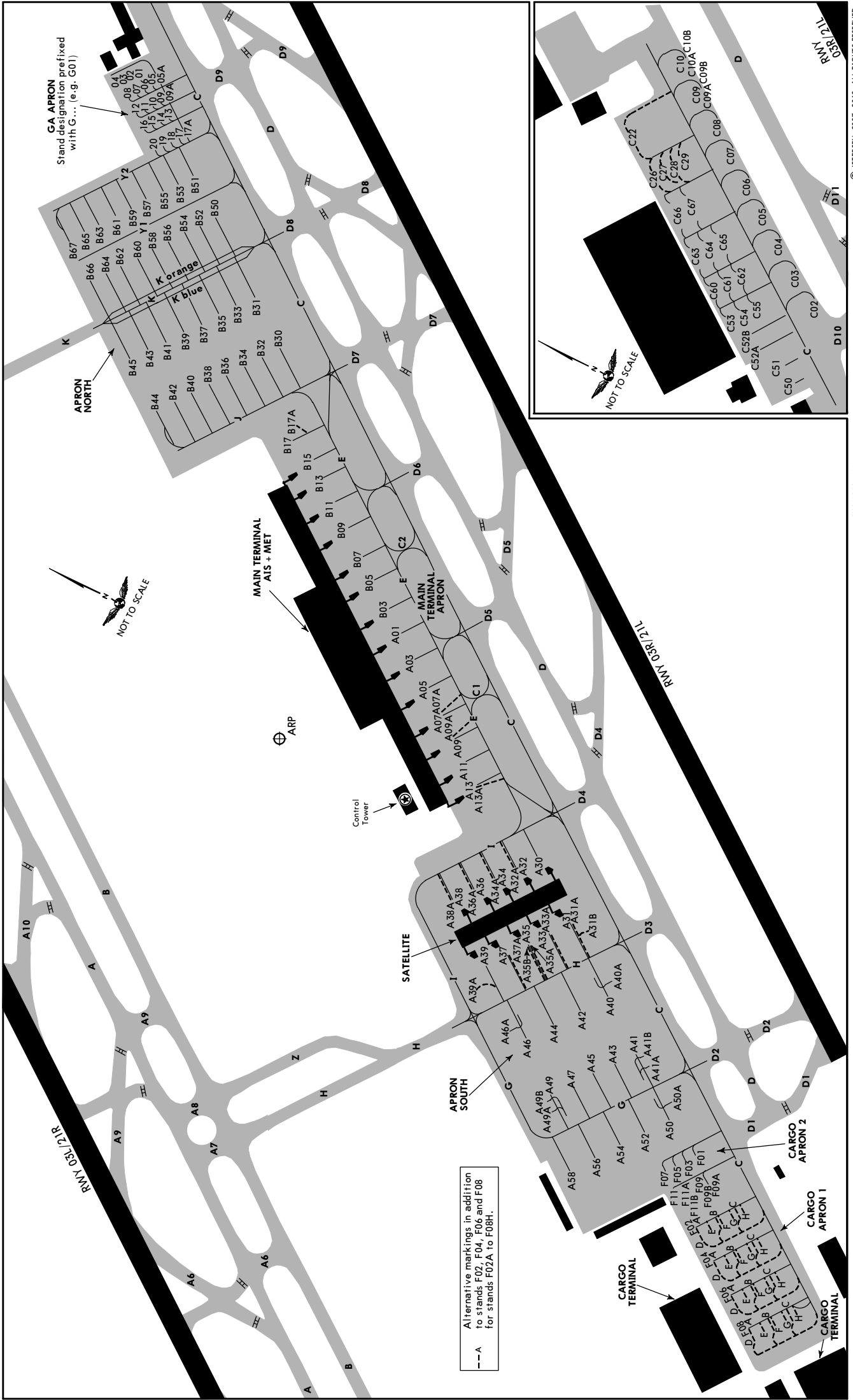




ATHENS, GREECE  
ELEFTHERIOS VENIZELOS INTL

31 MAY 19 (10-9A)

LGAV//ATH



-- A Alternative markings in addition to stands F07, F04, F06, and F08 for stands F02A to F08H.

CHANGES: None.

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LGAV/ATH



ATHENS, GREECE  
ELEFTHERIOS VENIZELOS INTL

ADDITIONAL RUNWAY INFORMATION					
RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		LANDING Threshold	BEYOND Glide Slope		
03L 21R	HIRL(60m) CL(15m) HIALS-II TDZ PAPI-L(3.0°) RVR	11,483'	3500m	①	148' 45m
				②	
① TORA RWY 03L: From rwy head		12,467'	(3800m)	② TORA RWY 21R: From rwy head	
twy A2 int		12,303'	(3750m)	twy A13 int	
⑤⑥ twy A5 int		8202'	(2500m)		
03R 21L	HIRL(60m) CL(15m) HIALS-II TDZ PAPI-L(3.0°) RVR	12,139'	3700m	③	148' 45m
				④	
③ TORA RWY 03R: From rwy head		13,123'	(4000m)	④ TORA RWY 21L: From rwy head	
twy D2 int		12,795'	(3900m)	twy D12 int	
⑤⑥ twy D4 int		9678'	(2950m)	⑤⑥ twy D11 int	
⑤⑥ twy D5 int		8202'	(2500m)		

- ⑤ Not permitted to A380, B747-8, B747, B777, A350, B767-400, A340, A330, B787, MD11, IL86, IL96M.
- ⑥ Daytime only. Minimum VIS 3 km.

Standard	TAKE-OFF					
	Low Visibility Take-off					
	HIRL, CL & relevant RVR	RL, CL & relevant RVR	RL & CL	Day: RL & RCLM Night: RL or CL	Day: RL or RCLM Night: RL or CL	Adequate vis ref (Day only)
A						
B	TDZ, MID, RO	TDZ, MID, RO				
C	RVR 125m	RVR 150m	RVR 200m	RVR 300m	400m	500m
D						

CHANGES: Take-off intersection note.



LGAV/ATH

**JEPPESEN**  
10 MAY 19  
Eff 23 May (10-9C)

**ATHENS, GREECE**  
ELEFThERIOS VENIZELOS INTL

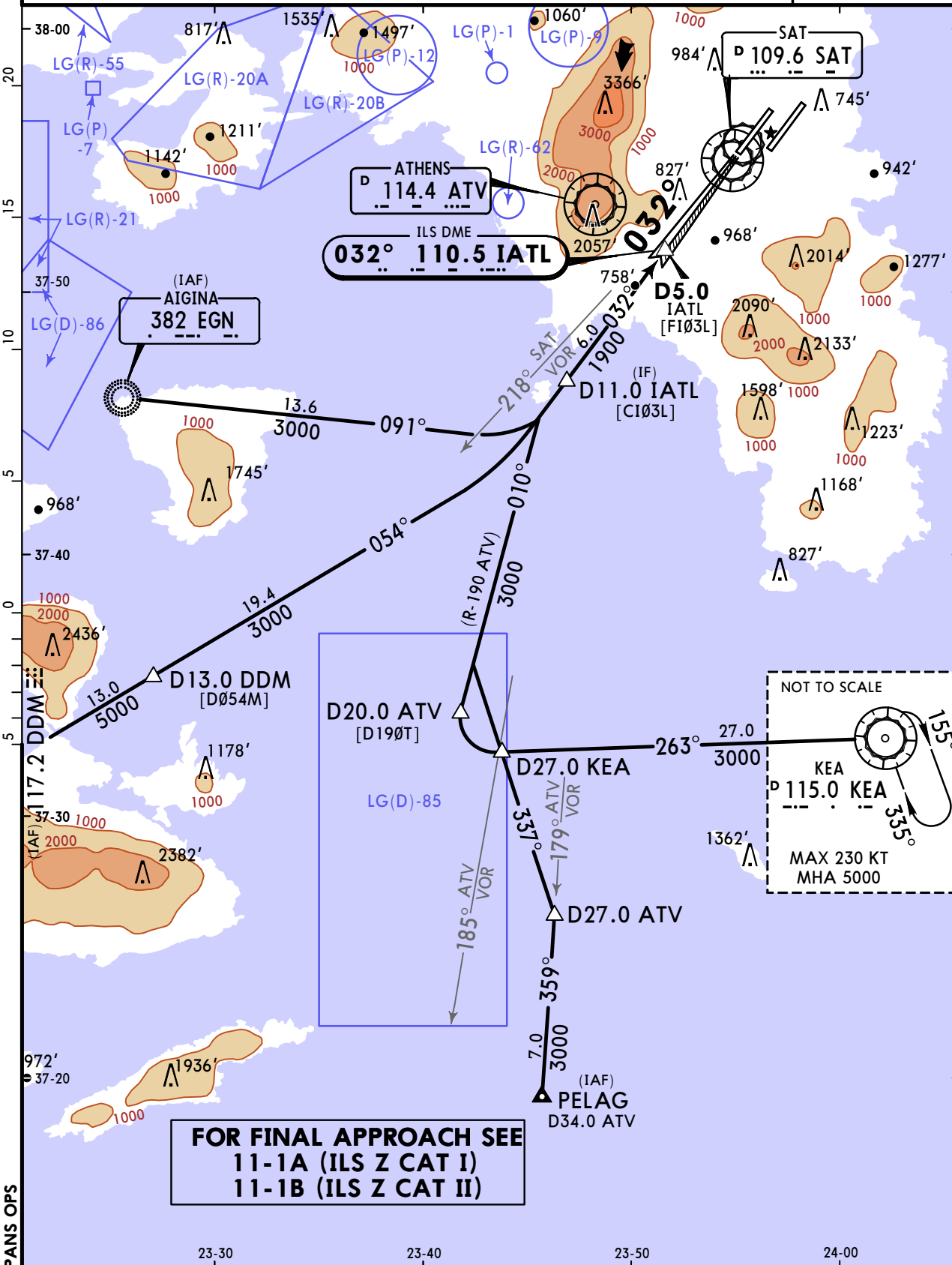
INS COORDINATES					
STAND No.	COORDINATES		STAND No.	COORDINATES	
APRON NORTH			APRON SOUTH		
B30, B30B	N37 56.4	E023 57.2	A40	N37 55.7	E023 56.5
B31	N37 56.5	E023 57.2	A40A	N37 55.7	E023 56.6
B32	N37 56.4	E023 57.2	A41	N37 55.7	E023 56.5
B33	N37 56.5	E023 57.2	A41A	N37 55.6	E023 56.5
B34	N37 56.4	E023 57.2	A41B thru A44	N37 55.7	E023 56.5
B35	N37 56.5	E023 57.2	A45	N37 55.7	E023 56.4
B36	N37 56.4	E023 57.1	A46, A46A	N37 55.8	E023 56.4
B37	N37 56.5	E023 57.2	A47, A49	N37 55.7	E023 56.4
B38	N37 56.5	E023 57.1	A49A	N37 55.7	E023 56.3
B39	N37 56.5	E023 57.2	A49B	N37 55.7	E023 56.4
B40 thru B43	N37 56.5	E023 57.1	A50 thru A52	N37 55.6	E023 56.4
B44	N37 56.5	E023 57.0	A54 thru A58	N37 55.6	E023 56.3
B45	N37 56.6	E023 57.1			
B50	N37 56.5	E023 57.3			
B51	N37 56.6	E023 57.4			
B52	N37 56.6	E023 57.3			
B53	N37 56.6	E023 57.4			
B54 thru B59	N37 56.6	E023 57.3			
B60	N37 56.6	E023 57.2			
B61	N37 56.6	E023 57.3			
B62	N37 56.6	E023 57.2			
B63	N37 56.7	E023 57.2			
B64	N37 56.6	E023 57.2			
B65	N37 56.7	E023 57.2			
B66	N37 56.6	E023 57.2			
B76, B67A	N37 56.7	E023 57.2			
CARGO APRON 1			CONTACT STANDS AT MTB		
F02 thru F02H	N37 55.5	E023 56.3	A01	N37 56.1	E023 56.9
F04	N37 55.4	E023 56.3	A03, A05	N37 56.1	E023 56.8
F04A	N37 55.5	E023 56.3	A07 thru A09A	N37 56.0	E023 56.8
F04B, F04C	N37 55.4	E023 56.3	A11 thru A13A	N37 56.0	E023 56.7
F04D	N37 55.5	E023 56.3	B03 thru B07	N37 56.2	E023 56.9
F04E thru F04H	N37 55.4	E023 56.3	B09 thru B15	N37 56.3	E023 57.0
F06 thru F06B	N37 55.4	E023 56.2			
F06C	N37 55.4	E023 56.3			
F06D thru F06F	N37 55.4	E023 56.2			
F06G, F06H	N37 55.4	E023 56.3			
F08 thru F08G	N37 55.4	E023 56.2			
F08H, F08I	N37 55.3	E023 56.2			
CARGO APRON 2			CONTACT STANDS AT SATELLITE		
F01, F03	N37 55.5	E023 56.4	A30	N37 55.8	E023 56.7
F05	N37 55.6	E023 56.4	A31 thru A31B	N37 55.8	E023 56.6
F07	N37 55.6	E023 56.3	A32, A32A	N37 55.9	E023 56.6
F09 thru F09B	N37 55.5	E023 56.4	A33, A33A	N37 55.8	E023 56.6
F11 thru F11B	N37 55.5	E023 56.3	A34, A34A	N37 55.9	E023 56.6
			A35 thru A35B	N37 55.9	E023 56.5
			A36, A36A	N37 55.9	E023 56.6
			A37, A37A	N37 55.9	E023 56.5
			A38, A38A	N37 55.9	E023 56.6
			A39, A39A	N37 55.9	E023 56.5
			HANGAR/GA APRON		
			C01 thru C03	N37 56.8	E023 57.7
			C04, C05	N37 56.9	E023 57.7
			C06, C07	N37 56.9	E023 57.8
			C08, C09	N37 57.0	E023 57.8
			C10	N37 57.0	E023 57.9
			C22 thru C27	N37 56.8	E023 57.7
			C28, C29	N37 56.9	E023 57.7
			C50, C51	N37 56.9	E023 57.8
			C52A thru C54	N37 57.0	E023 57.8
			C55 thru C61	N37 56.8	E023 57.7
			C62, C63	N37 56.9	E023 57.7
			C64, C65	N37 56.9	E023 57.8
			C66, C67	N37 57.0	E023 57.8
			MAIN TERMINAL APRON		
			B17, B17A	N37 56.4	E023 57.1

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

**JEPPESEN**  
 29 NOV 19 **(11-1)** **Eff 5 Dec**

**ATHENS, GREECE**  
**ILS Z Rwy 03L**

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)		Approach					
	136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
	VENIZELOS Tower		East		Ground						
	West (Rwy 03L/21R) 136.275	East (Rwy 03R/21L) 118.625		North 121.750	South 121.950	121.8   121.9					
FOR BRIEFING STRIP INFORMATION AND NOTES SEE FINAL APPROACH CHARTS											
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.											
<p>MSA SAT VOR</p>											



# LGAV/ATH

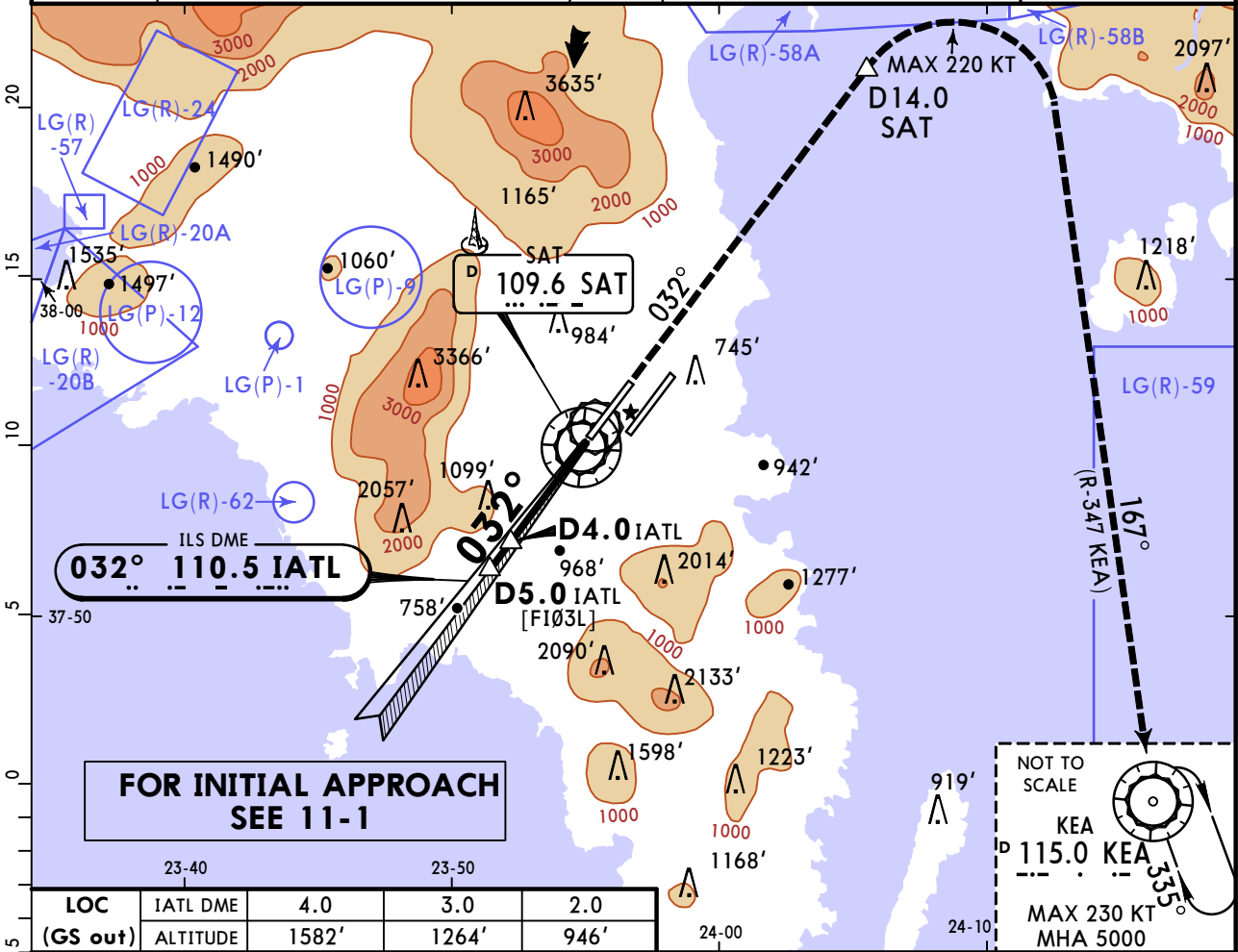
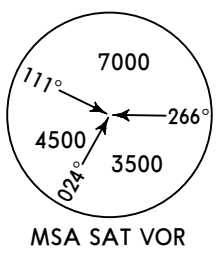
## ELEFTHERIOS VENIZELOS INTL

29 NOV 19 **11-1A** Eff 5 Dec

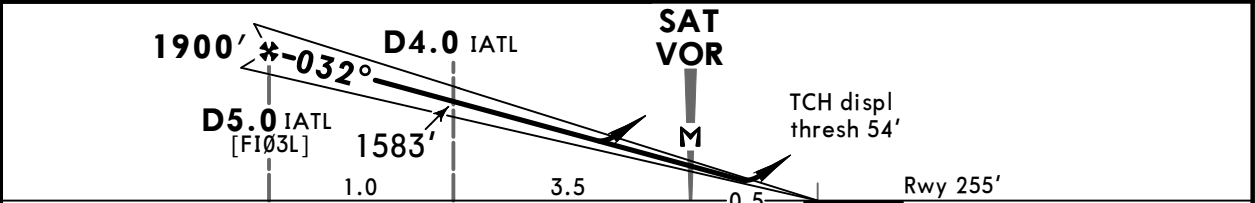
# ATHENS, GREECE

## ILS Z Rwy 03L

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)		Approach					
	136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
	VENIZELOS Tower		Ground		North		South				
	West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	121.750	121.950	121.8	121.9			
LOC IATL	Final Apch Crs	D5.0 IATL		ILS DA(H)		Apt Elev 308'		Rwy 255'			
110.5	032°	1900' (1645')		455' (200')							
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D14.0 SAT VOR turn RIGHT (MAX 220 KT). Intercept R-347 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.											
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC		Trans alt: 9000'					
1. DME required.    2. ILS DME reads zero at rwy 03L displaced threshold.											



LOC (GS out)	IATL DME	4.0	3.0	2.0
	ALTITUDE	1582'	1264'	946'



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

PANS OPS	<b>Standard</b> STRAIGHT-IN LANDING RWY 03L ILS				LOC (GS out) CDFA DA/MDA(H) <b>1270' (1015')</b>		CIRCLE-TO-LAND	
	DA(H) <b>455' (200')</b>		FULL		TDZ or CL out	ALS out	Max Kts	MDA(H) VIS
	A						100	1200' (892') 1500m
	B	RVR 550m	RVR 550m	RVR 1200m		RVR 1500m	135	1300' (992') 1600m
	C					RVR 2400m	C	N/A
D						D		

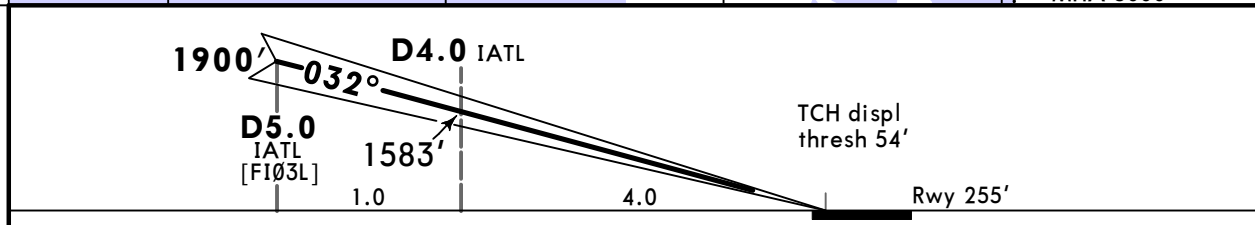
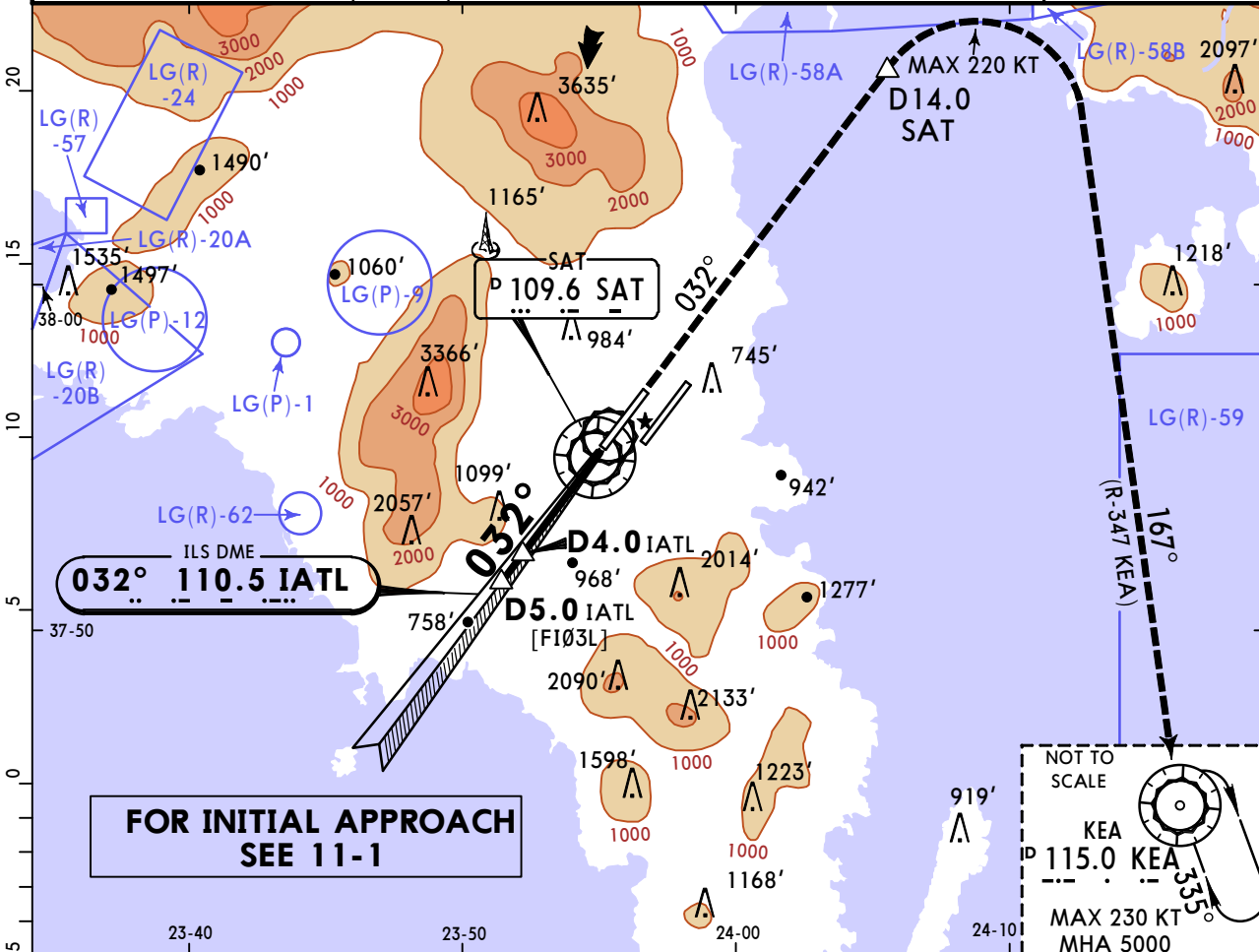
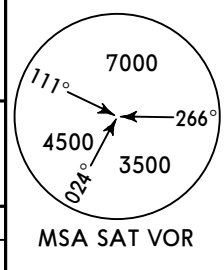
# LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

29 NOV 19  
**Eff 5 Dec** (11-1B)

**ATHENS, GREECE**  
**CAT II ILS Z Rwy 03L**

ATIS	ATHENS Arrival (R)	Director (R)		Approach				
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525 121.4
VENIZELOS Tower		Ground						
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950	121.8 121.9
LOC IATL	Final Apch Crs	D5.0 IATL	CAT II ILS	Apt Elev 308'				
110.5	032°	1900' (1645')	RA 97'	Rwy 255'				
DA(H) 355' (100')								
<b>MISSED APCH: Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D14.0 SAT VOR turn RIGHT (MAX 220 KT). Intercept R-347 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.</b>								
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.								



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

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

**PANS OPS**  
 RVR 300m

# LGAV/ATH

## ELEFTHERIOS VENIZELOS INTL

**JEPPESSEN**  
29 NOV 19 **(11-2)** **Eff 5 Dec**

# ATHENS, GREECE

## ILS Y Rwy 03L

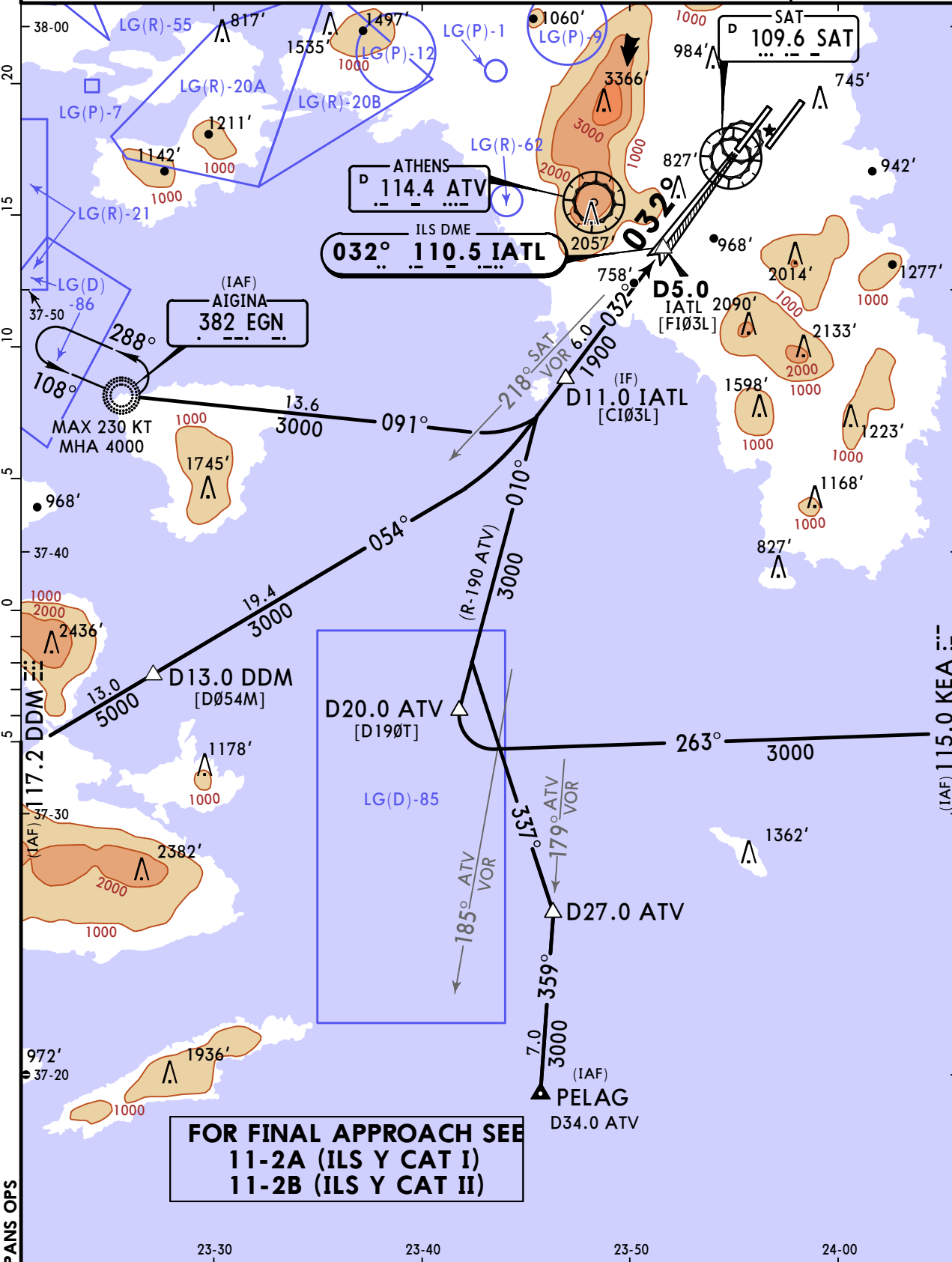
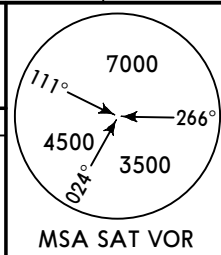
ATIS	ATHENS Arrival (R)		Director (R)		Approach					
136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower			Tower		Ground					
West (Rwy 03L/21R) 136.275		East (Rwy 03R/21L) 118.625		North 121.750	South 121.950		121.8		121.9	

BRIEFING STRIP™

**FOR BRIEFING STRIP INFORMATION AND NOTES SEE FINAL APPROACH CHARTS**

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.



PANS OPS

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

# LGAV/ATH

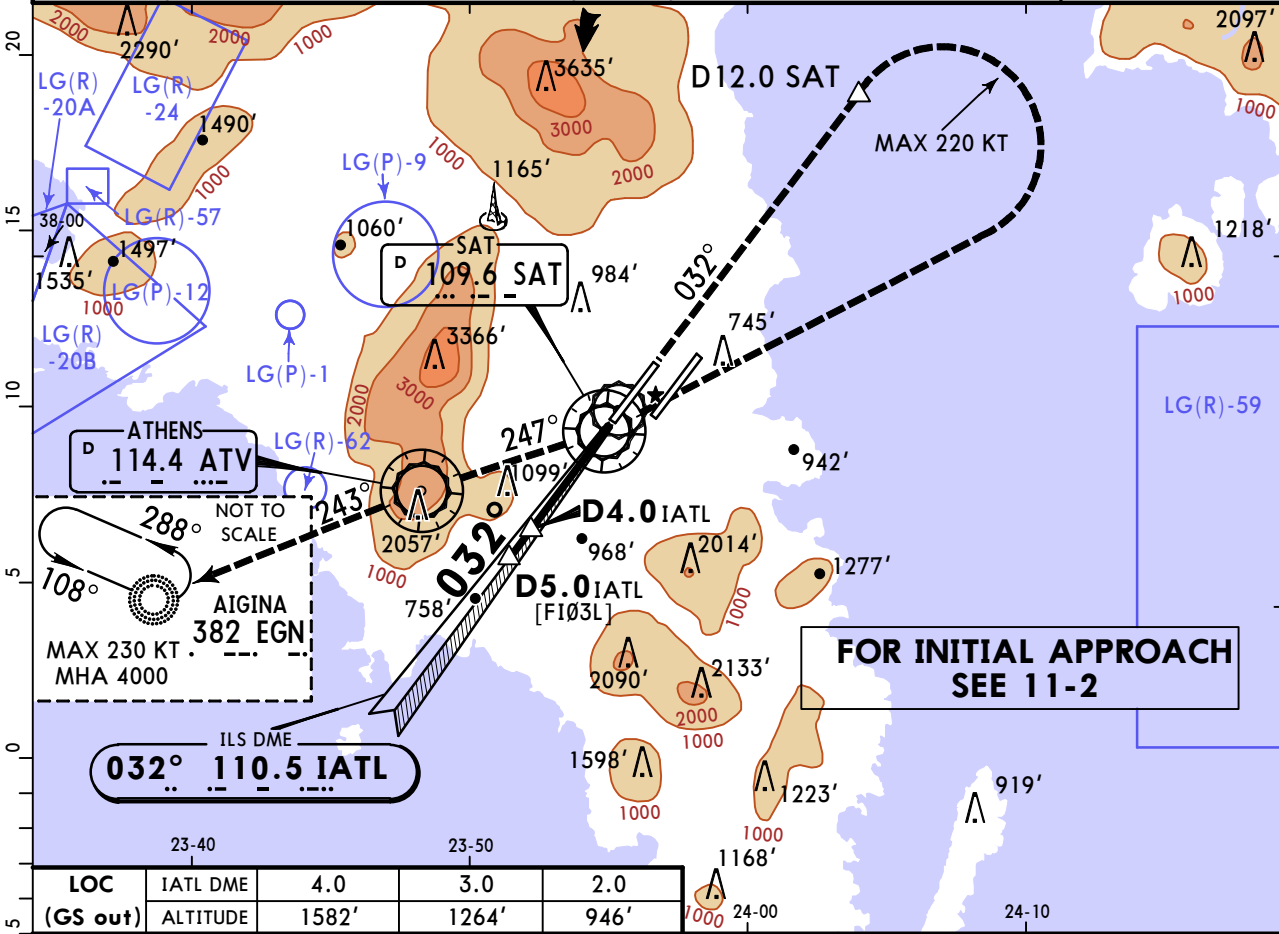
## ELEFTHERIOS VENIZELOS INTL

**JEPPESSEN**  
29 NOV 19 **(11-2A) Eff 5 Dec**

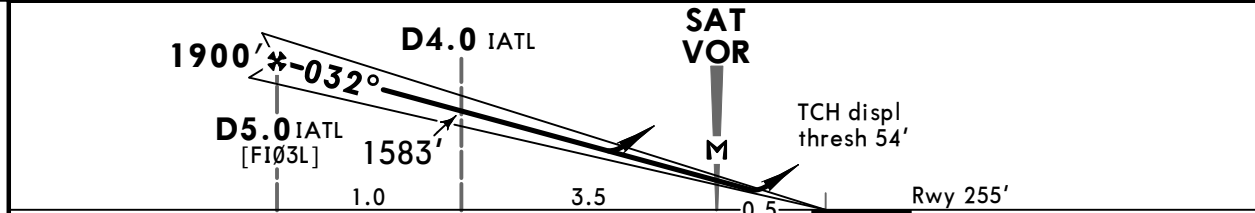
# ATHENS, GREECE

## ILS Y Rwy 03L

ATIS	ATHENS Arrival (R)	Director (R)		Approach					
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525 121.4	
VENIZELOS Tower		Ground							
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950	121.8   121.9	
LOC IATL	Final Apch Crs	D5.0 IATL		ILS DA(H)		Apt Elev 308'			
<b>110.5</b>	<b>032°</b>	<b>1900'</b> (1645')		<b>455'</b> (200')		Rwy 255'			
<b>MISSED APCH: Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D12.0 SAT VOR turn RIGHT (MAX 220 KT) inbound to SAT VOR. Intercept R-247 SAT VOR inbound to ATV VOR. Then intercept R-243 ATV VOR inbound to EGN NDB and hold. Climb to 4000'.</b>								<p>MSA SAT VOR</p>	
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.									



LOC (GS out)	IATL DME	4.0	3.0	2.0
	ALTITUDE	1582'	1264'	946'



Gnd speed-Kts	70	90	100	120	140	160					
ILS GS or LOC Descent Angle	3.00°	372	478	531	637	743					849
MAP at SAT VOR											

PANS OPS	Standard STRAIGHT-IN LANDING RWY 03L ILS				LOC (GS out) CDFA		CIRCLE-TO-LAND		
	DA(H) <b>455'</b> (200')				DA/MDA(H) <b>1270'</b> (1015')		Max Kts	MDA(H)	VIS
	FULL	TDZ or CL out	ALS out	ALS out					
	A				RVR 1500m	100	1200' (892')	1500m	
	B	RVR 550m	RVR 550m	RVR 1200m		135	1300' (992')	1600m	
C				RVR 2400m	C	N/A			
D					D				

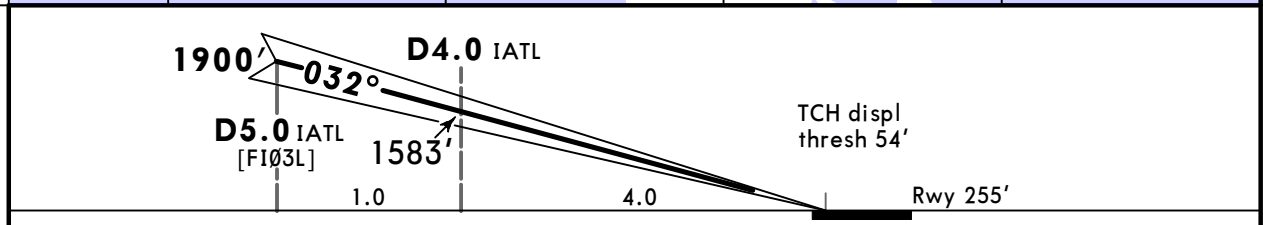
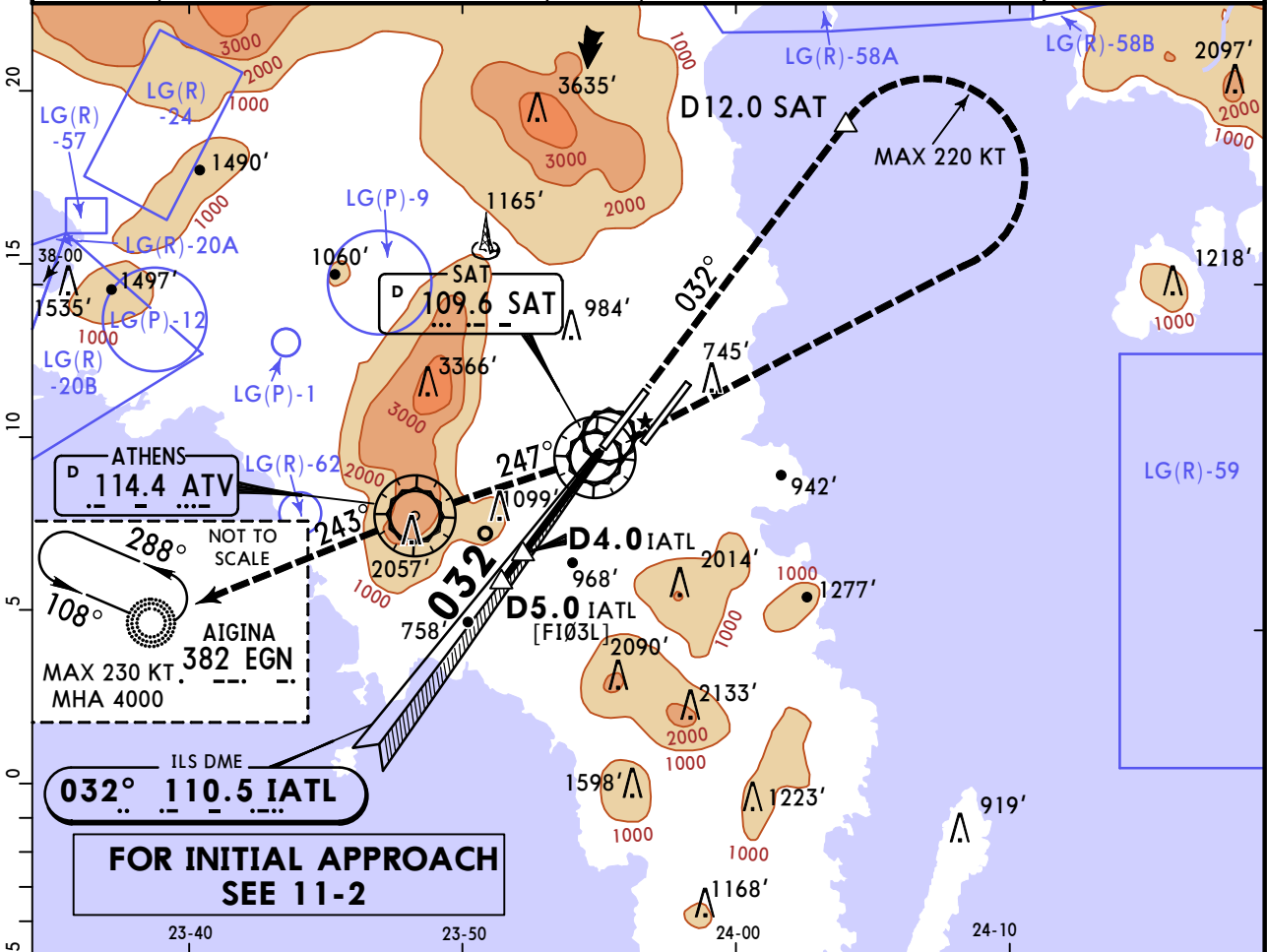
# LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

29 NOV 19  
**JEPPESSEN**  
 Eff 5 Dec **(11-2B)**

**ATHENS, GREECE**  
 CAT II ILS Y Rwy 03L

ATIS	ATHENS Arrival (R)	Director (R)		Approach				
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525 121.4
VENIZELOS Tower		Tower		North		Ground		
West (Rwy 03L/21R) 136.275		East (Rwy 03R/21L) 118.625		121.750		South 121.950   121.8   121.9		
LOC IATL	Final Apch Crs	D5.0 IATL		CAT II ILS		Apt Elev 308'		
110.5	032°	1900' (1645')		RA 97'		Rwy 255'		
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D12.0 SAT VOR turn RIGHT (MAX 220 KT) inbound to SAT VOR. Intercept R-247 SAT VOR inbound to ATV VOR. Then intercept R-243 ATV VOR inbound to EGN NDB and hold. Climb to 4000'.								
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC		Trans alt: 9000'		
1. DME required. 2. ILS DME reads zero at rwy 03L displaced threshold.								



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

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

RVR 300m

# LGAV/ATH

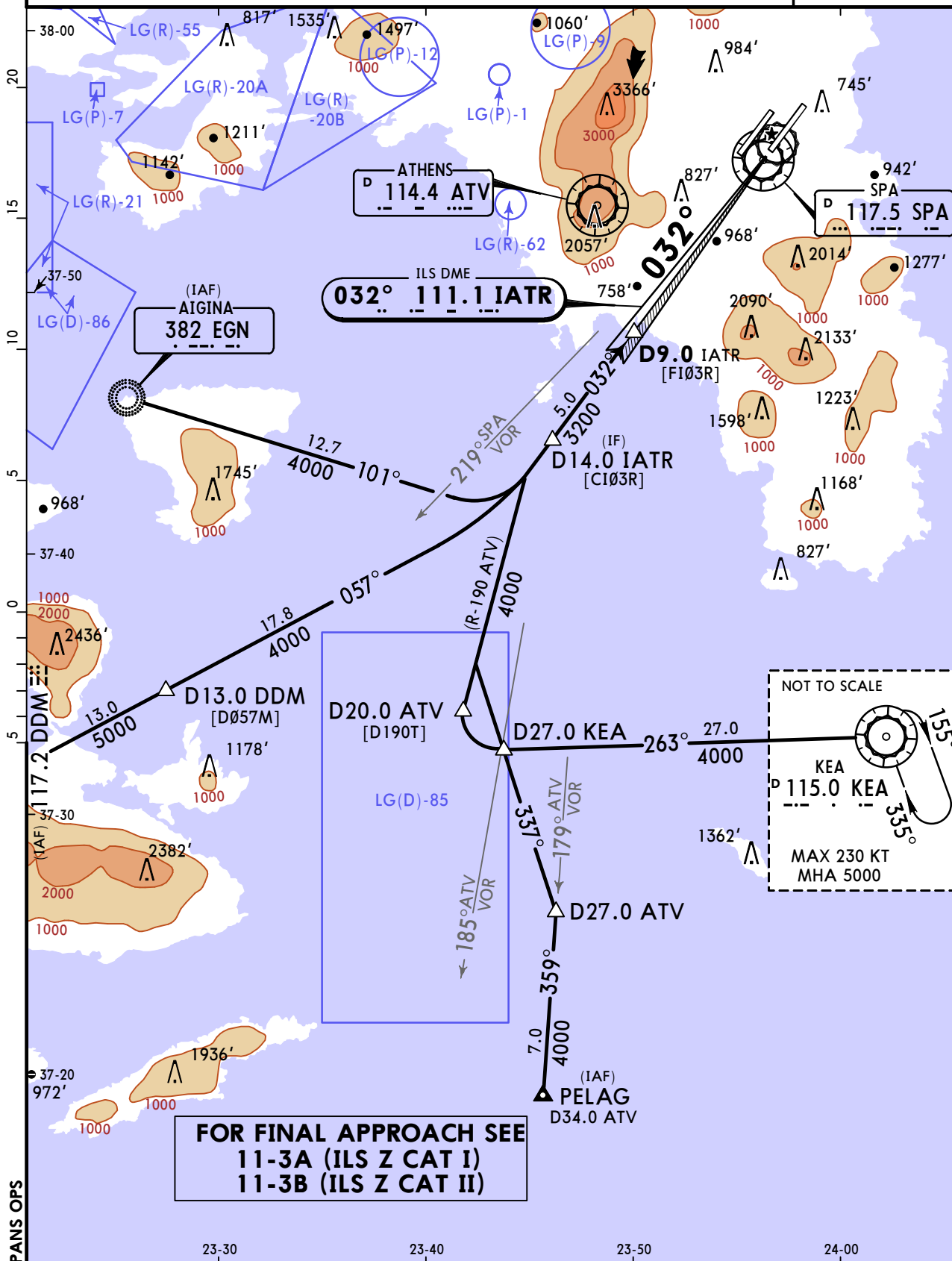
## ELEFTHERIOS VENIZELOS INTL

**JEPPESEN**  
29 NOV 19 **(11-3)** **Eff 5 Dec**

# ATHENS, GREECE

## ILS Z Rwy 03R

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)	Director (R)		Approach					
	136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
	VENIZELOS Tower		Ground							
	West (Rwy 03L/21R) 136.275	East (Rwy 03R/21L) 118.625	North 121.750	South 121.950	121.8	121.9				
FOR BRIEFING STRIP INFORMATION AND NOTES SEE FINAL APPROACH CHARTS										
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.										
<p>MSA SPA VOR</p>										





# LGAV/ATH

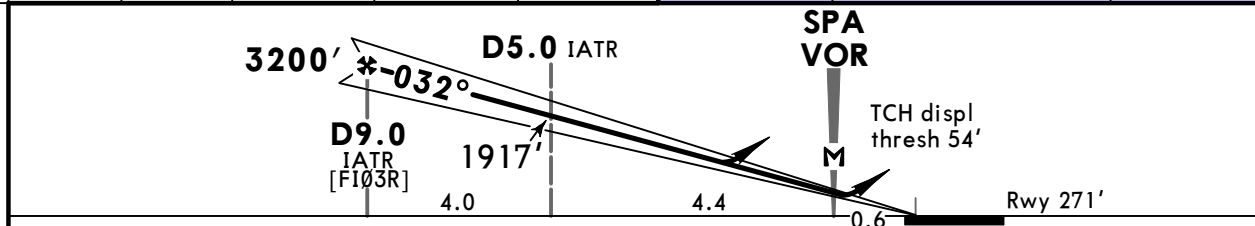
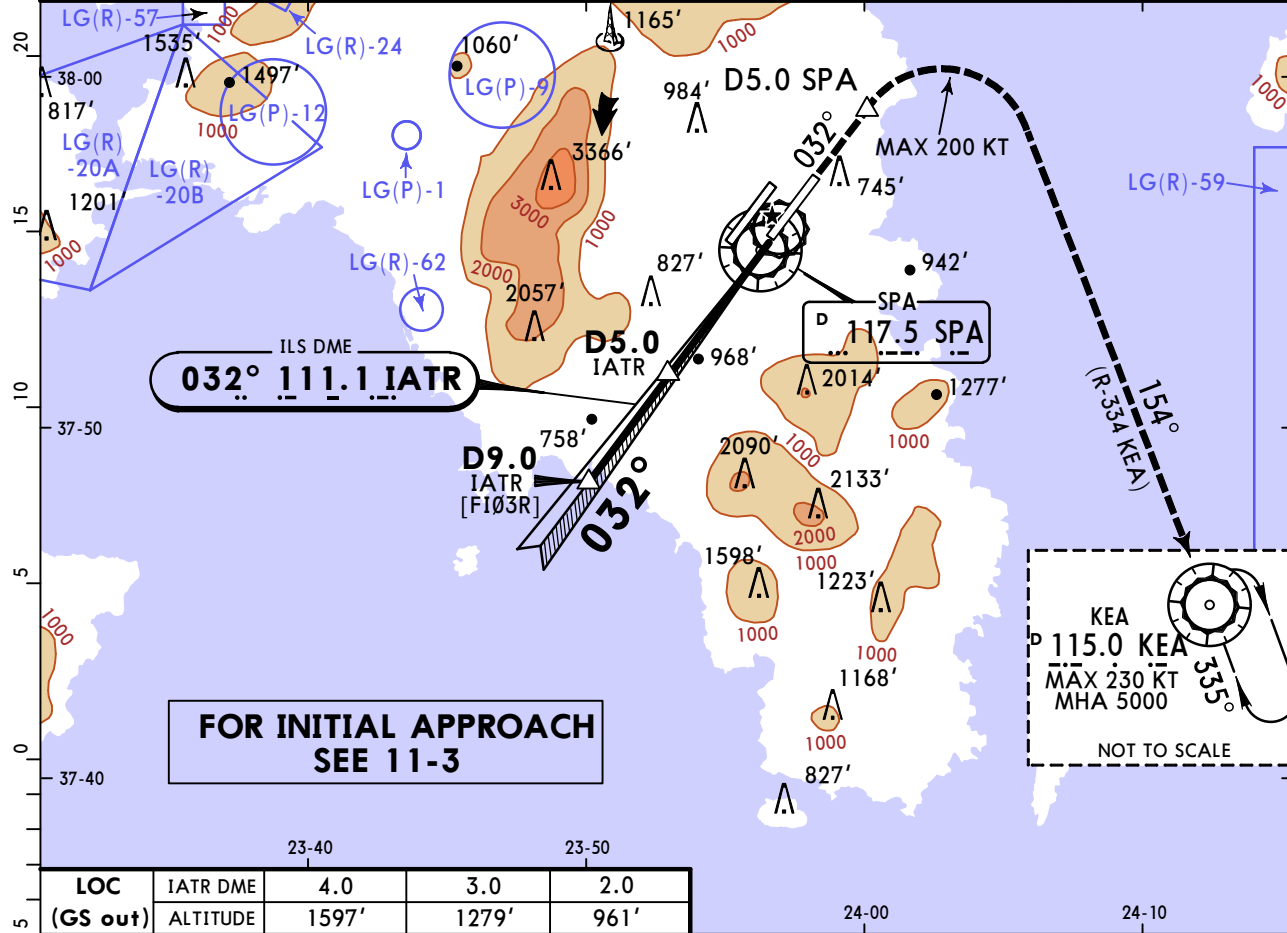
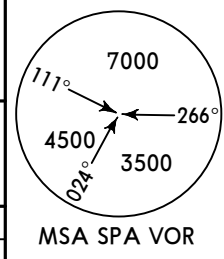
## ELEFTHERIOS VENIZELOS INTL

**JEPPESEN**  
29 NOV 19 **(11-3A) Eff 5 Dec**

# ATHENS, GREECE

## ILS Z Rwy 03R

ATIS	ATHENS Arrival (R)	Director (R)		Approach						
136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower		East (Rwy 03R/21L)		North		Ground		South		
West (Rwy 03L/21R)		136.275		118.625		121.750		121.950		121.8   121.9
LOC IATR	Final Apch Crs	D9.0 IATR		ILS DA(H)		Apt Elev 308'		Rwy 271'		
111.1	032°	3200' (2929')		471' (200')						
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SPA VOR. At D5.0 SPA VOR turn RIGHT (MAX 200 KT), intercept R-334 KEA VOR, inbound to KEA VOR at 5000' and hold.										
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.								



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SPA	D5.0
ILS GS or LOC Descent Angle	3.00°	372	478	531	637	743	849	117.5	SPA
MAP at SPA VOR								R-032	

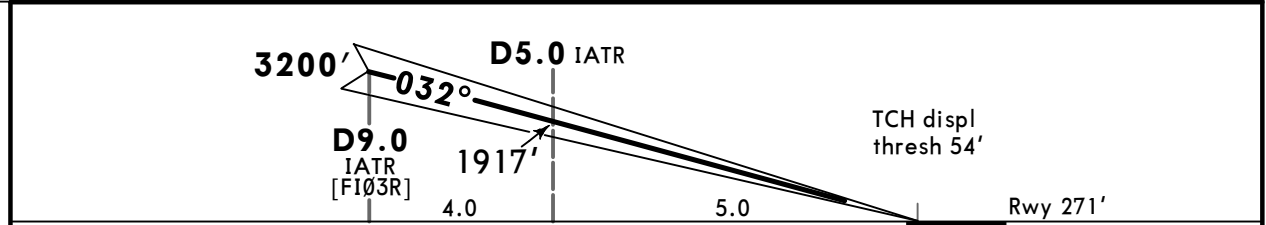
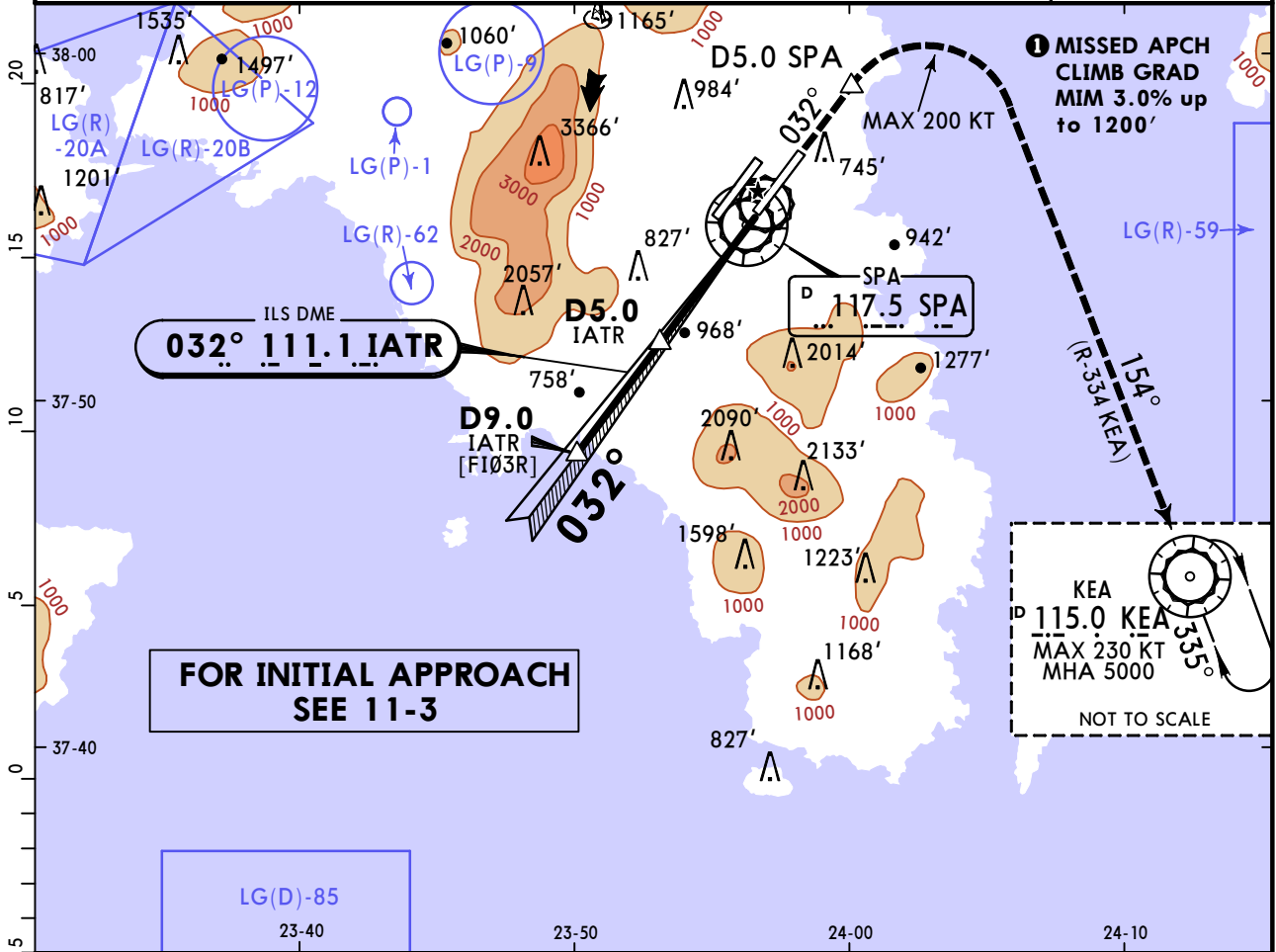
<b>Standard</b> STRAIGHT-IN LANDING RWY 03R				CIRCLE-TO-LAND	
ILS I		LOC (GS out)			
DA(H) 471' (200')		CDFA		DA/MDA(H) 690' (419')	
FULL	TDZ or CL out	ALS out	ALS out	Max Kts	MDA(H) VIS
A				100	1200' (892') 1500m
B	RVR 550m	RVR 550m	RVR 1200m	135	1300' (992') 1600m
C				C	N/A
D				D	N/A

**PANS OPS**  
 1 LACFT: DA(H) 581' (310'), FULL: RVR 700m, TDZ or CL out: RVR 700m (RVR 750m when a Flight Director or Autopilot or HUD to DA is not used.), ALS out: RVR 1400m. 2 RVR 750m when a Flight Director or Autopilot or HUD to DA is not used.

# LGAV/ATH      JEPPESEN      ATHENS, GREECE

## ELEFTHERIOS VENIZELOS INTL      Eff 5 Dec 11-3B      CAT II ILS Z Rwy 03R

ATIS	ATHENS Arrival (R)	Director (R)		Approach				
136.125	132.975 126.575	West	East	121.4	118.475	126.575	130.025 132.975 128.950 125.525 121.4	
VENIZELOS Tower						Ground		
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950   121.8   121.9	
LOC IATR <b>111.1</b>	Final Apch Crs <b>032°</b>	<b>D9.0 IATR</b> <b>3200'</b> (2929')		<b>CAT II ILS</b> <b>RA 147'</b> DA(H) 421' (150')		Apt Elev 308'  Rwy 271'		
<b>MISSED APCH: Climb STRAIGHT AHEAD, intercept and follow R-032 SPA VOR. At D5.0 SPA VOR turn RIGHT (MAX 200 KT), intercept R-334 KEA VOR, inbound to KEA VOR at 5000' and hold.</b>							<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.								



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI:	SPA <b>117.5</b> <b>R-032</b>	<b>D5.0</b> SPA
GS	3.00°	372	478	531	637	743			

**Standard**      STRAIGHT-IN LANDING RWY 03R  
 CAT II ILS  
 Missed apch climb gradient mim 3.0% up to 1200'  
**RA 147'**  
 DA(H) **421'** (150')

RVR 450m

# LGAV/ATH

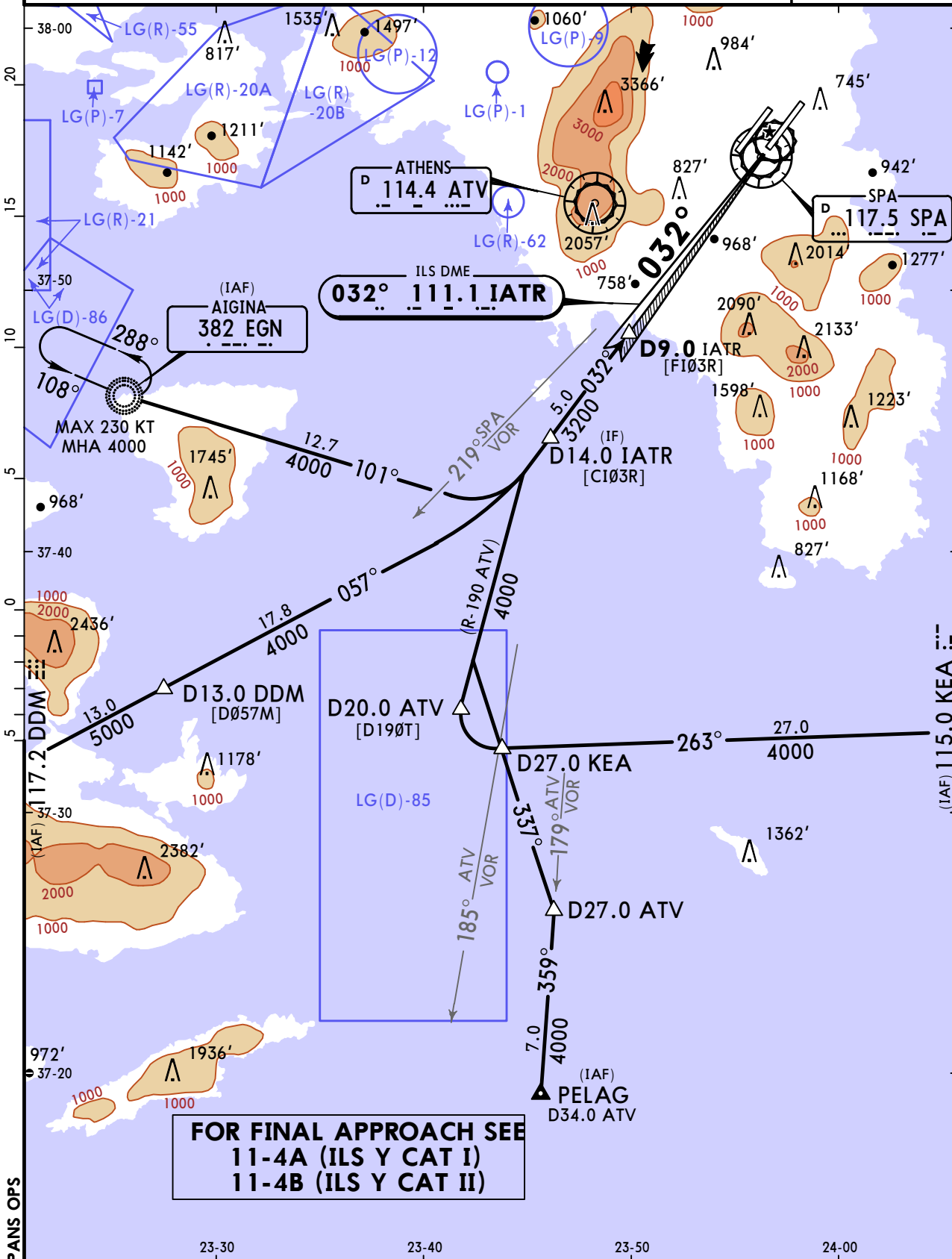
## ELEFTHERIOS VENIZELOS INTL

**JEPPESSEN**  
29 NOV 19 **(11-4)** **Eff 5 Dec**

# ATHENS, GREECE

## ILS Y Rwy 03R

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)		Approach					
	136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
	VENIZELOS Tower		East		Ground						
	West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950	121.8	121.9	
FOR BRIEFING STRIP INFORMATION AND NOTES SEE FINAL APPROACH CHARTS											
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.											



**FOR FINAL APPROACH SEE**  
**11-4A (ILS Y CAT I)**  
**11-4B (ILS Y CAT II)**

# LGAV/ATH

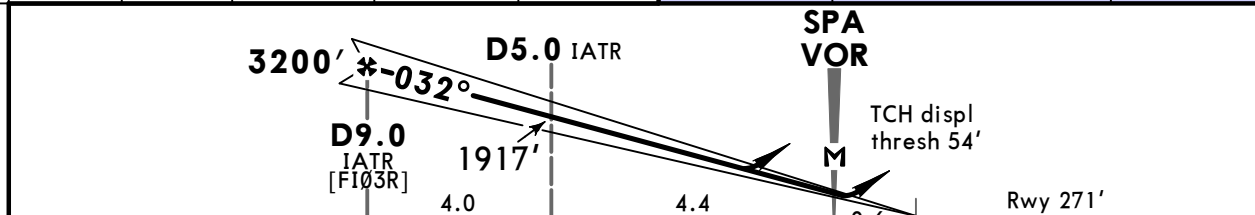
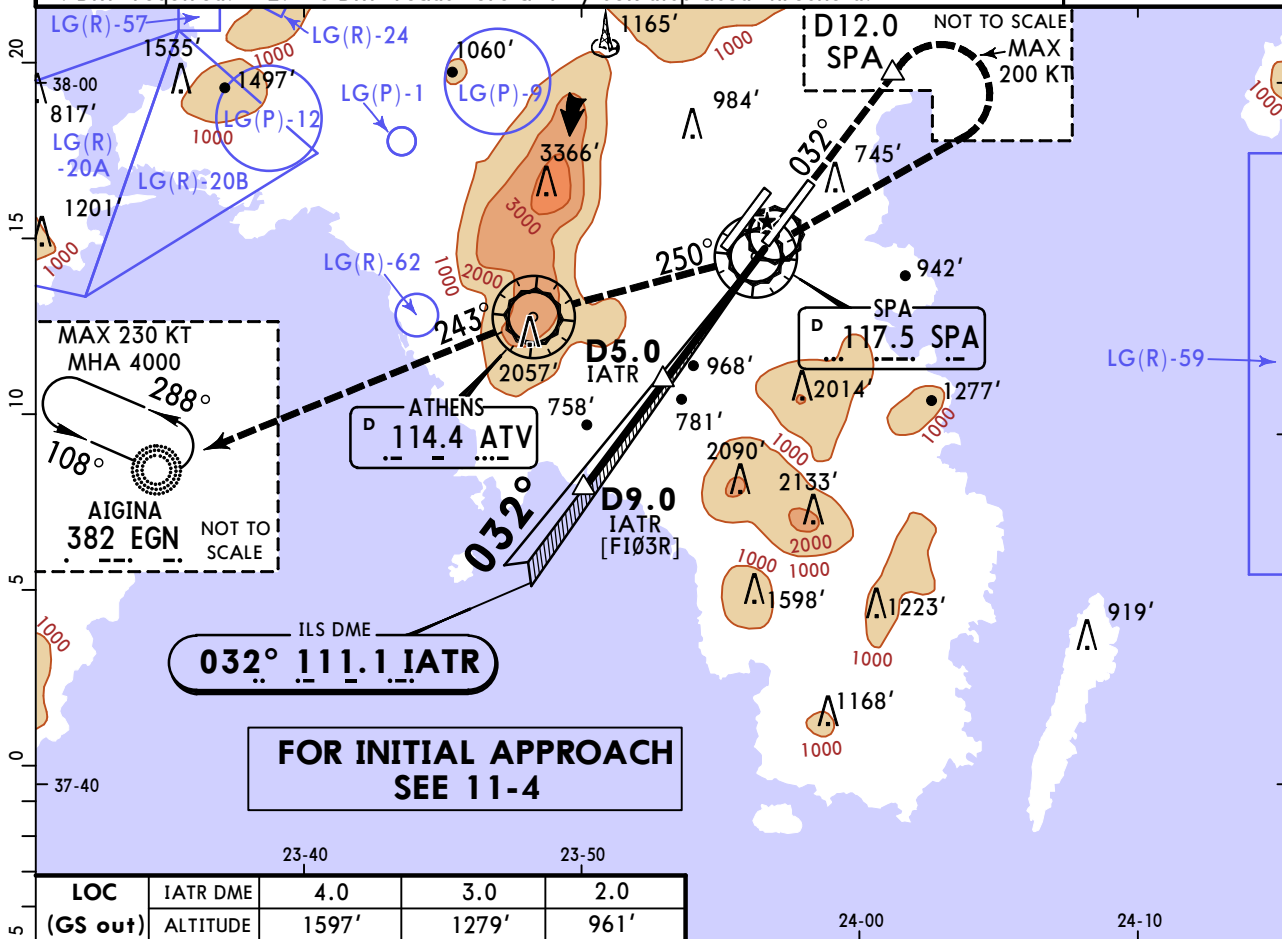
## ELEFTHERIOS VENIZELOS INTL

29 NOV 19 **11-4A** Eff 5 Dec

# ATHENS, GREECE

## ILS Y Rwy 03R

ATIS	ATHENS Arrival (R)	Director (R)		Approach				
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950 125.525 121.4	
VENIZELOS Tower		Tower		Ground				
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950 121.8 121.9	
LOC IATR	Final Apch Crs	D9.0 IATR	ILS DA(H)	Apt Elev 308'		Rwy 271'		
111.1	032°	3200' (2929')	471' (200')					
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SPA VOR. At D12.0 SPA VOR turn RIGHT (MAX 200 KT) inbound to SPA VOR. Follow R-250 SPA VOR inbound to ATV VOR. Follow R-243 ATV VOR to EGN NDB and hold. Climb to 4000'.								
Alt Set: hPa				Rwy Elev: 10 hPa		Trans level: By ATC		
1. DME required.				2. ILS DME reads zero at rwy 03R displaced threshold.				



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI 	SPA <b>117.5</b> <b>R-032</b>	D12.0 SPA	
ILS GS or LOC Descent Angle	3.00°	372	478	531	637	743				849
MAP at SPA VOR										

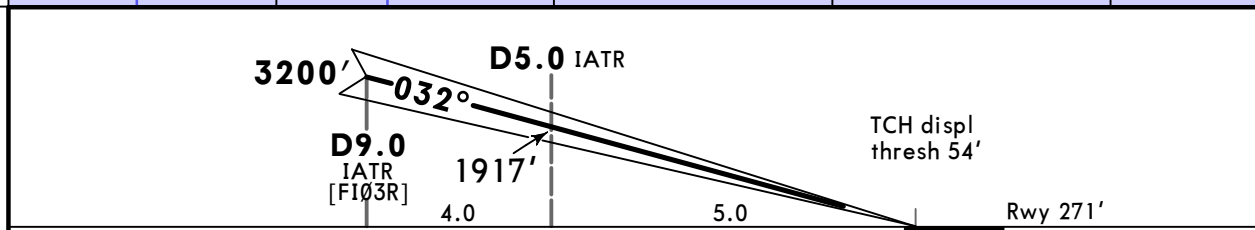
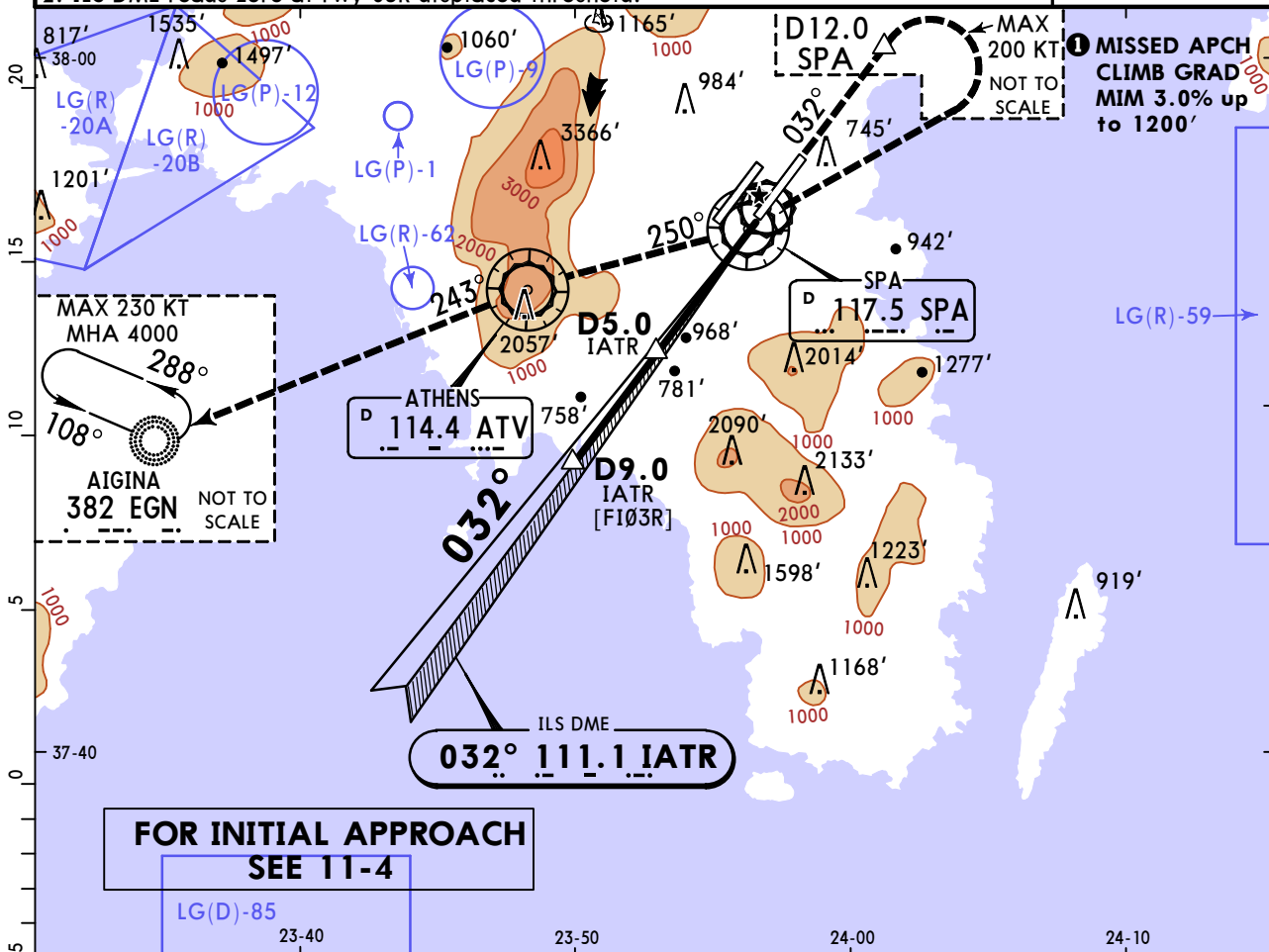
<b>Standard</b>				STRAIGHT-IN LANDING RWY 03R		CIRCLE-TO-LAND	
ILS 1				LOC (GS out) CDFA			
DA(H) 471' (200')				DA/MDA(H) 690' (419')			
FULL		TDZ or CL out	ALS out	ALS out		Max Kts	MDA(H) VIS
A						100	1200' (892') 1500m
B	RVR 550m	2 RVR 550m	RVR 1200m	RVR 1200m		135	1300' (992') 1600m
C						C	N/A
D						D	

**1** LACFT: DA(H) 581' (310'), FULL: RVR 700m, TDZ or CL out: RVR 700m (RVR 750m when a Flight Director or Autopilot or HUD to DA is not used.), ALS out: RVR 1400m. **2** RVR 750m when a Flight Director or Autopilot or HUD to DA is not used.

# LGAV/ATH      JEPPESEN      ATHENS, GREECE

## ELEFTHERIOS VENIZELOS INTL      Eff 5 Dec 11-4B      CAT II ILS Y Rwy 03R

ATIS	ATHENS Arrival (R)	Director (R)		Approach				
136.125	132.975 126.575	West	East	121.4	118.475	126.575	130.025 132.975 128.950 125.525 121.4	
VENIZELOS Tower						Ground		
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950   121.8   121.9	
LOC IATR	Final Apch Crs	D9.0 IATR		CAT II ILS RA 147'	Apt Elev 308'			
111.1	032°	3200' (2929')		421' (150')	Rwy 271'			
<b>MISSED APCH: Climb STRAIGHT AHEAD, intercept and follow R-032 SPA VOR. At D12.0 SPA VOR turn RIGHT (MAX 200 KT) inbound to SPA VOR. Follow R-250 SPA VOR inbound to ATV VOR. Follow R-243 ATV VOR to EGN NDB and hold. Climb to 4000'.</b>							<p>MSA SPA VOR</p>	
Alt Set: hPa				Rwy Elev: 10 hPa		Trans level: By ATC		
1. DME required.				2. ILS DME reads zero at rwy 03R displaced threshold.				



Gnd speed-Kts	70	90	100	120	140	160				
GS	3.00°	372	478	531	637	743	849		HIALS-II PAP: ↑	SPA 117.5 R-032
										D12.0 SPA

**Standard**      STRAIGHT-IN LANDING RWY 03R  
**CAT II ILS**  
 Missed apch climb gradient mim 3.0% up to 1200'  
**RA 147'**  
 DA(H) 421' (150')

**PANS OPS**      RVR 450m

# LGAV/ATH

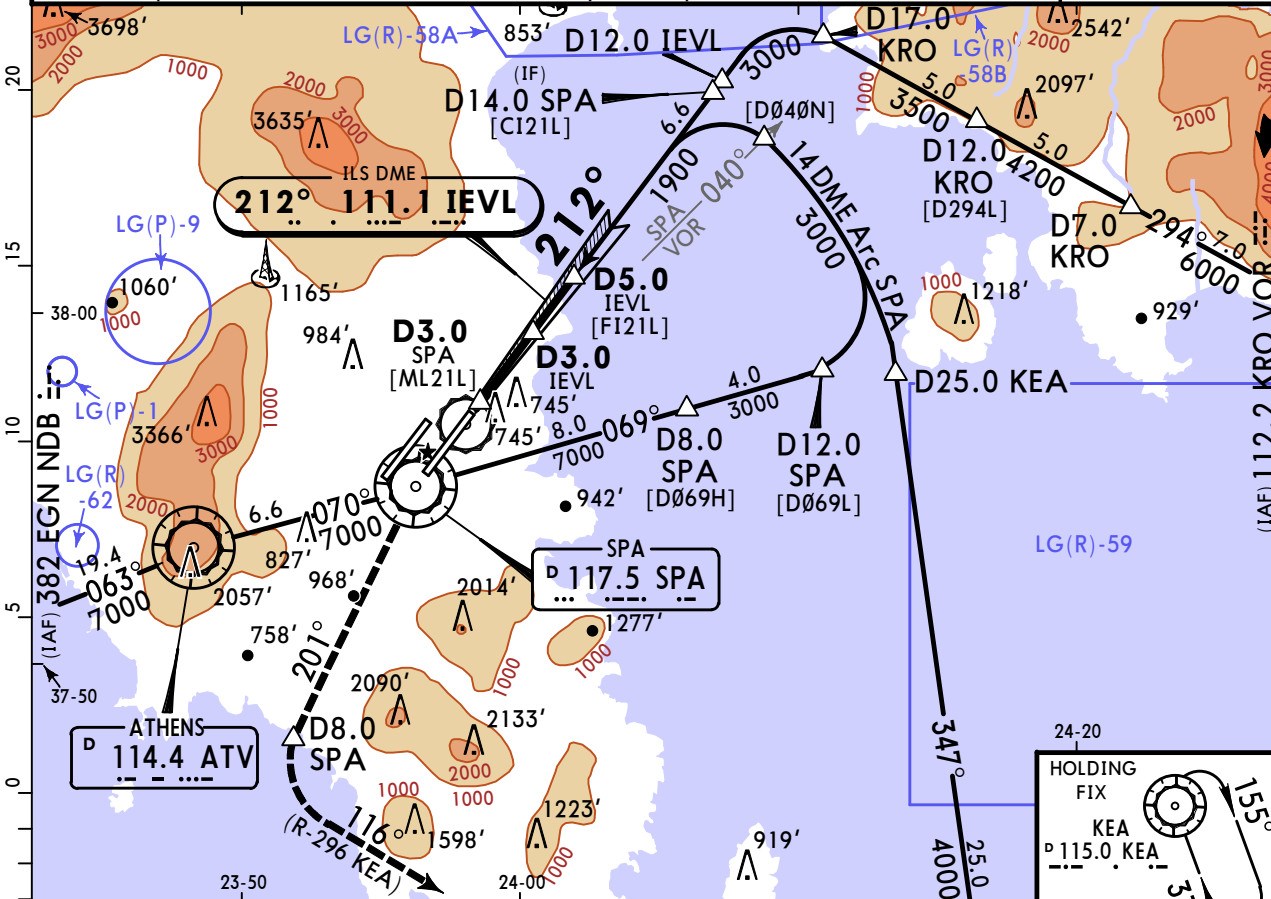
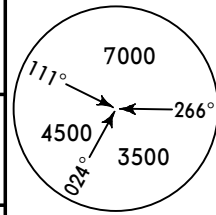
## ELEFTHERIOS VENIZELOS INTL

29 NOV 19 **11-5** Eff 5 Dec

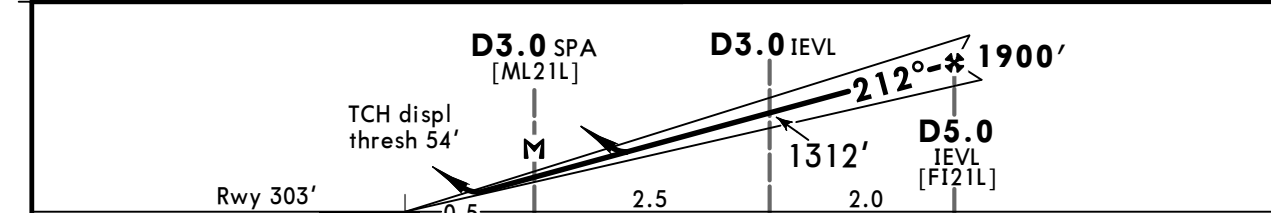
# ATHENS, GREECE

## ILS Z Rwy 21L

ATIS	ATHENS Arrival (R)		Director (R)		Approach					
136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower			Ground							
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950	121.8	121.9	
LOC IEVL	Final Apch Crs	D5.0 IEVL		ILS DA(H)		Apt Elev 308'				
111.1	212°	1900' (1597')		503' (200')		Rwy 303'				
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SPA VOR. At SPA VOR turn LEFT, intercept and follow R-201 SPA VOR. At D8.0 VOR SPA outbound turn LEFT, intercept and follow R-296 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.										
Alt Set: hPa		Rwy Elev: 11 hPa		Trans level: By ATC		Trans alt: 9000'				
1. DME required.		2. ILS DME reads zero at rwy 21L displaced threshold.								



LOC (GS out)	IEVL DME	2.0	3.0	4.0
	ALTITUDE	994'	1312'	1631'



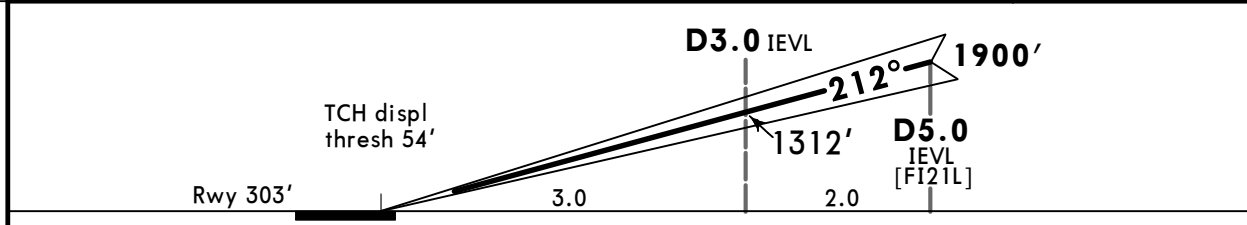
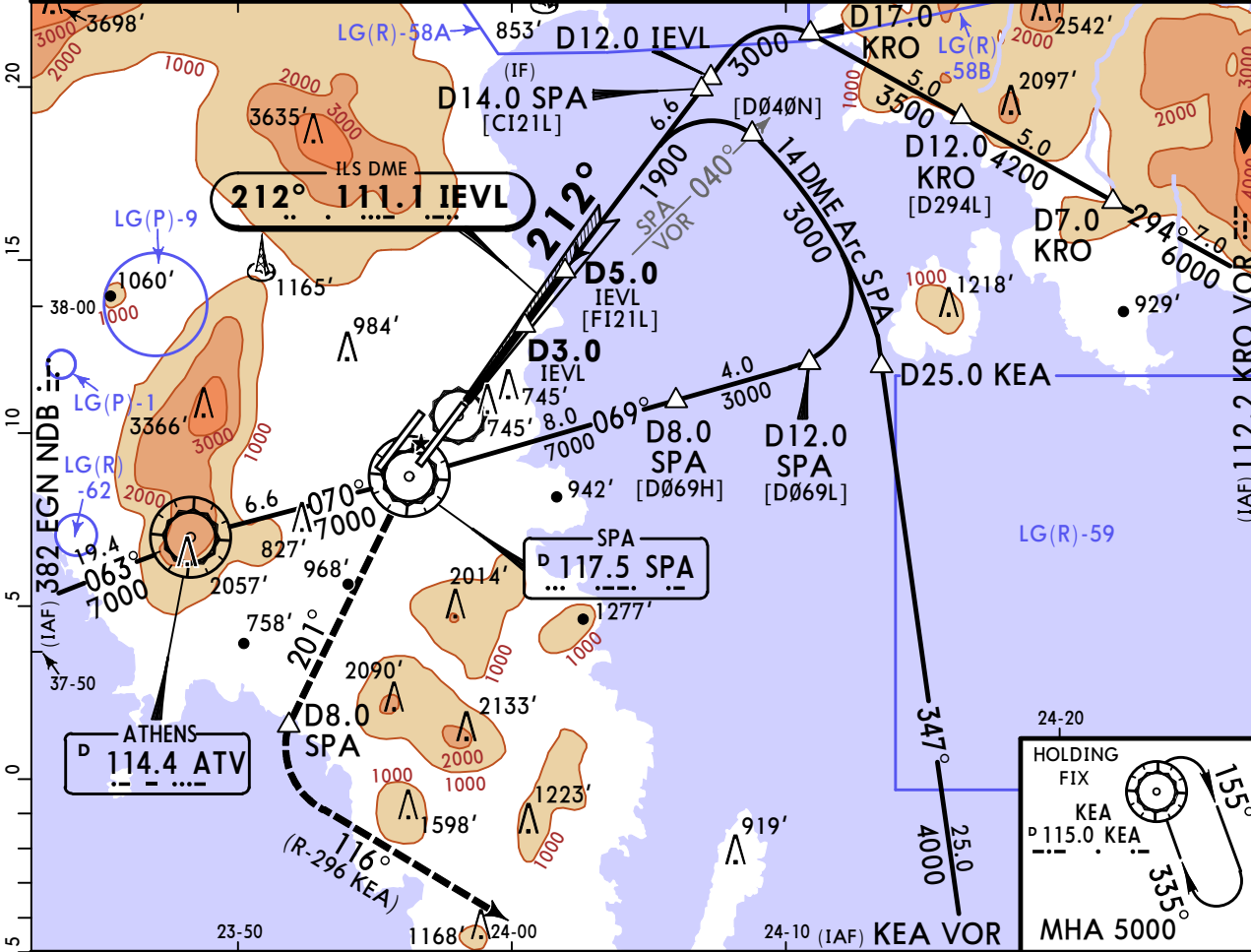
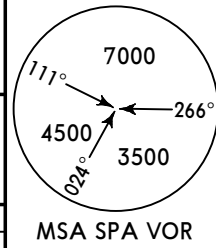
Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SPA	D8.0 SPA	SPA
ILS GS or LOC Descent Angle	3.00°	372	478	531	637	743	849	117.5	on R-201	117.5
MAP at D3.0 SPA							PAPI			

PANS OPS	Standard STRAIGHT-IN LANDING RWY 21L ILS				LOC (GS out) CDFA		CIRCLE-TO-LAND	
	DA(H) 503' (200')				DA/MDA(H) 1030' (727')			
	FULL	TDZ or CL out	ALS out	ALS out	Max Kts	MDA(H)	VIS	
	A				100	1200' (892')	1500m	
B	RVR 550m	RVR 550m	RVR 1200m	RVR 1500m	135	1300' (992')	1600m	
C				RVR 2400m	C			
D					D		N/A	

**1** RVR 750m when a Flight Director or Autopilot or HUD to DA is not used.

**LGAV/ATH** **JEPPESEN** **ATHENS, GREECE**  
**ELEFTHERIOS VENIZELOS INTL** **Eff 5 Dec** **(11-5A)** **CAT II ILS Z Rwy 21L**

ATIS	ATHENS Arrival (R)	Director (R)		Approach			
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950 125.525 121.4
VENIZELOS Tower		Ground					
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950 121.8 121.9
LOC IEVL	Final Apch Crs	D5.0 IEVL		CAT II ILS	Apt Elev 308'		
111.1	212°	1900' (1597')		RA 95'	Rwy 303'		
				DA(H)	403' (100')		
<p><b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SPA VOR. At SPA VOR turn LEFT, intercept and follow R-201 SPA VOR. At D8.0 VOR SPA outbound turn LEFT, intercept and follow R-296 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.</p>							
Alt Set: hPa		Rwy Elev: 11 hPa		Trans level: By ATC		Trans alt: 9000'	
<p>1. DME required.                  2. ILS DME reads zero at rwy 21L displaced threshold.</p>							



Gnd speed-Kts	70	90	100	120	140	160		HIALS-II	SPA	D8.0	SPA
GS	3.00°	372	478	531	637	743	849	PAPI	117.5	SPA	117.5
									↑	LT	on R-201

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

**PANS OPS**  
 RVR 300m

# LGAV/ATH

## ELEFTHERIOS VENIZELOS INTL

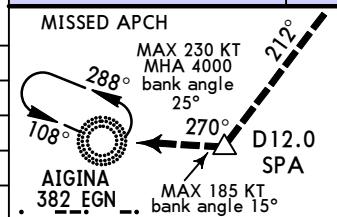
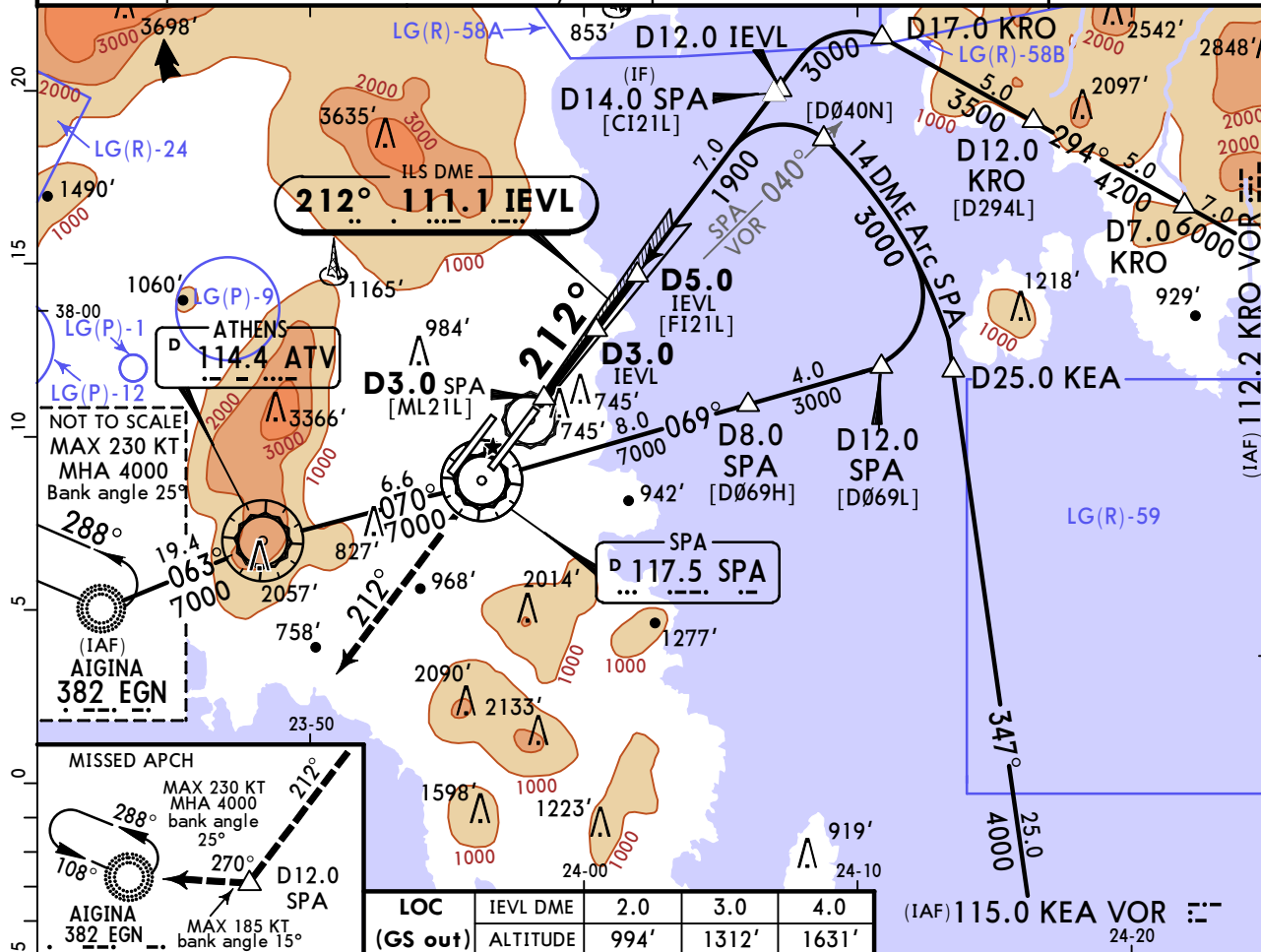
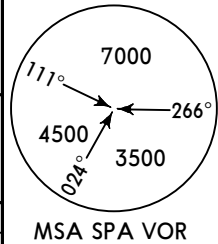
29 NOV 19 **11-6** Eff 5 Dec

# ATHENS, GREECE

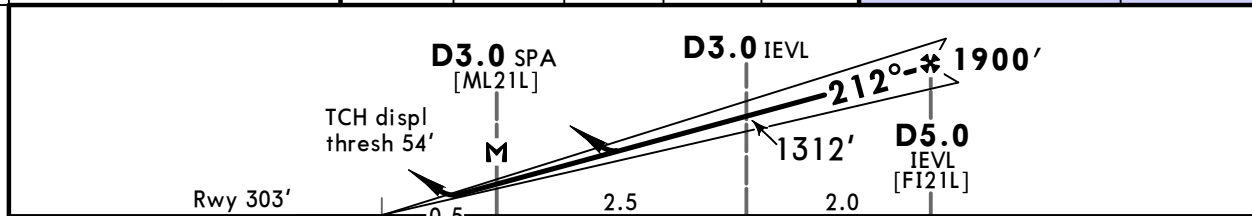
## ILS Y Rwy 21L



ATIS	ATHENS Arrival (R)	Director (R)		Approach				
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525 121.4
BRIEFING STRIP™	VENIZELOS Tower		Ground					
	West (Rwy 03L/21R) 136.275	East (Rwy 03R/21L) 118.625	North 121.750	South 121.950	121.8	121.9		
LOC IEVL	Final Apch Crs	D5.0 IEVL		ILS DA(H)	Apt Elev 308'			
111.1	212°	1900' (1597')		503' (200')	Rwy 303'			
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SPA VOR. Intercept and follow R-212 SPA VOR. At D12.0 SPA VOR outbound turn RIGHT (MAX 185 KT), intercept and follow 270° EGN NDB inbound to EGN NDB and hold. Climb to 4000'. To execute, after a MISSED APCH, a new apch procedure to RWY 21L, continue climb in holding to 7000'.								
Alt Set: hPa		Rwy Elev: 11 hPa	Trans level: By ATC		Trans alt: 9000'			
1. DME required. 2. ILS DME reads zero at rwy 21L displaced threshold.								



LOC (GS out)	IEVL DME	2.0	3.0	4.0
	ALTITUDE	994'	1312'	1631'



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SPA 117.5 R-212	D12.0 SPA
ILS GS or LOC Descent Angle	3.00°	372	478	531	637	743	PAPI		
MAP at D3.0 SPA									

PANS OPS	Standard STRAIGHT-IN LANDING RWY 21L ILS				LOC (GS out)		CIRCLE-TO-LAND	
	DA(H) 503' (200')				CDFA DA/MDA(H) 1030' (727')			
	FULL		TDZ or CL out		ALS out		Max Kts	MDA(H) VIS
	A						100	1200' (892') 1500m
B	RVR 550m	RVR 550m	RVR 1200m		RVR 1500m	135	1300' (992') 1600m	
C					RVR 2400m	C	N/A	
D						D		

RVR 750m when a Flight Director or Autopilot or HUD to DA is not used.



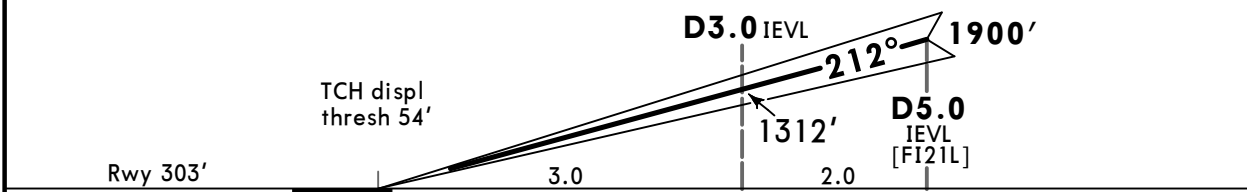
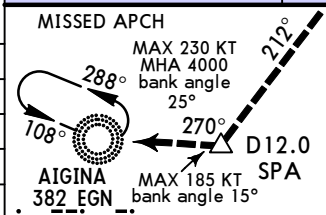
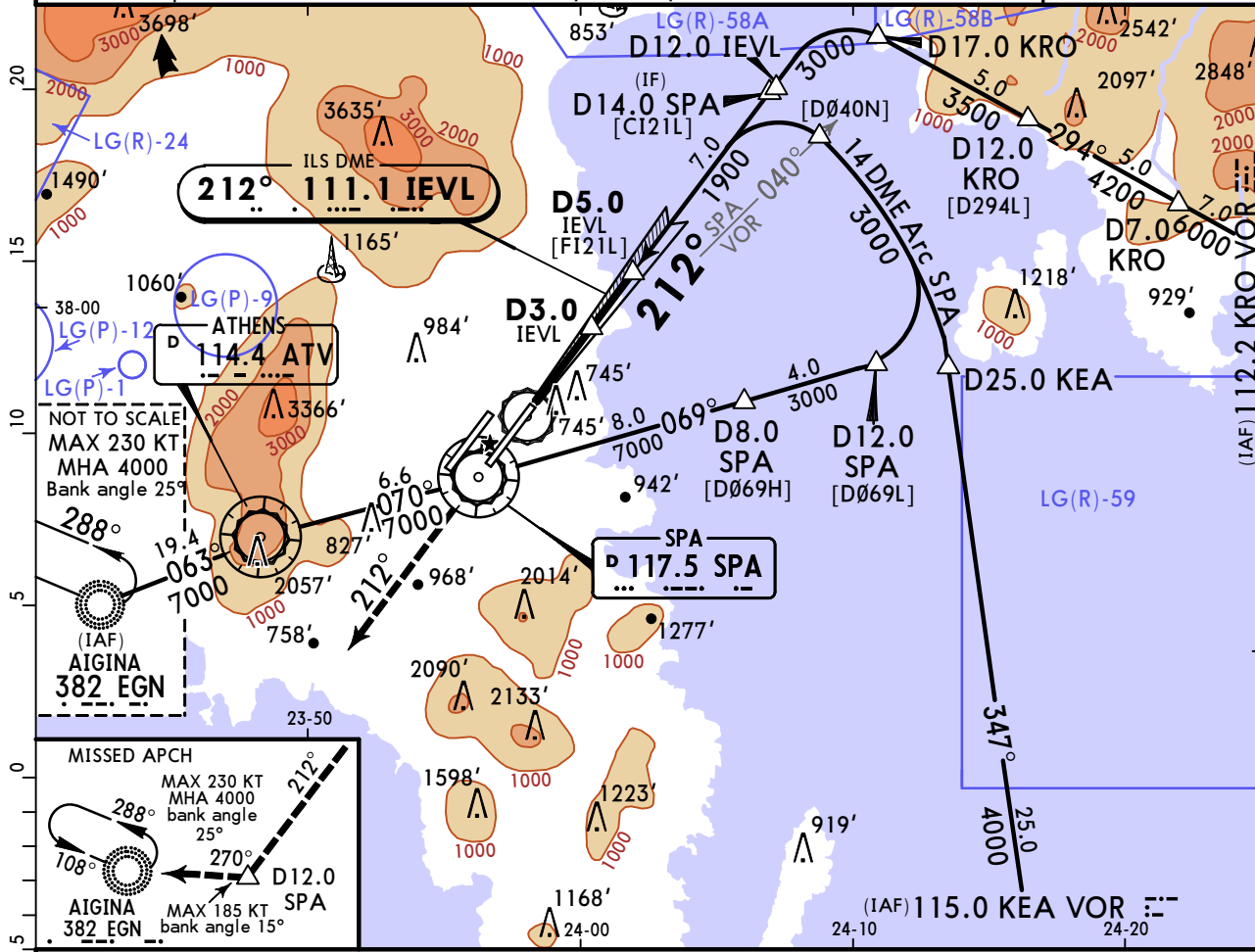
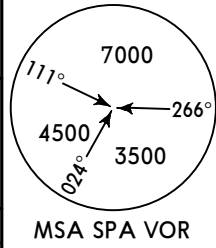
# LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

29 NOV 19  
**Eff 5 Dec** (11-6A)

ATHENS, GREECE  
 CAT II ILS Y Rwy 21L

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)		Approach					
	136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
	VENIZELOS Tower		Tower		Ground						
	West (Rwy 03L/21R) 136.275	East (Rwy 03R/21L) 118.625	North 121.750	South 121.950	121.8	121.9					
LOC IEVL	Final Apch Crs	D5.0 IEVL		CAT II ILS		Apt Elev 308'					
111.1	212°	1900' (1597')		RA 95'		Rwy 303'					
				DA(H) 403' (100')							
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SPA VOR. Intercept and follow R-212 SPA VOR. At D12.0 SPA VOR outbound turn RIGHT (MAX 185 KT), intercept and follow 270° EGN NDB inbound to EGN NDB and hold. Climb to 4000'. To execute, after a MISSED APCH, a new apch procedure to RWY 21L, continue climb in holding to 7000'.											
Alt Set: hPa		Rwy Elev: 11 hPa		Trans level: By ATC		Trans alt: 9000'					
1. DM <sup>+</sup> 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-212	D12.0 SPA
GS	3.00°	372	478	531	637	743			

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

RVR 300m

# LGAV/ATH

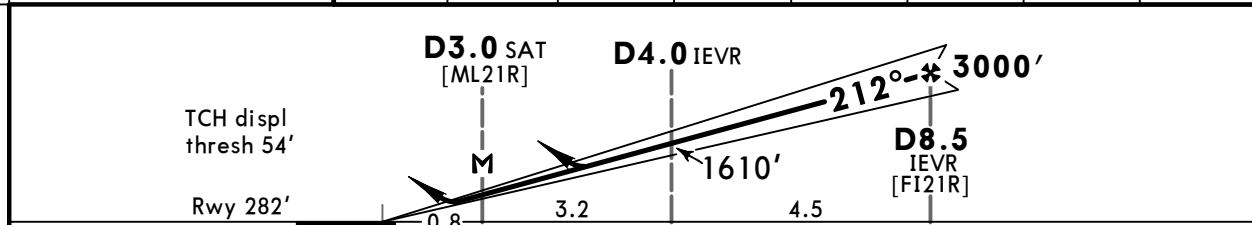
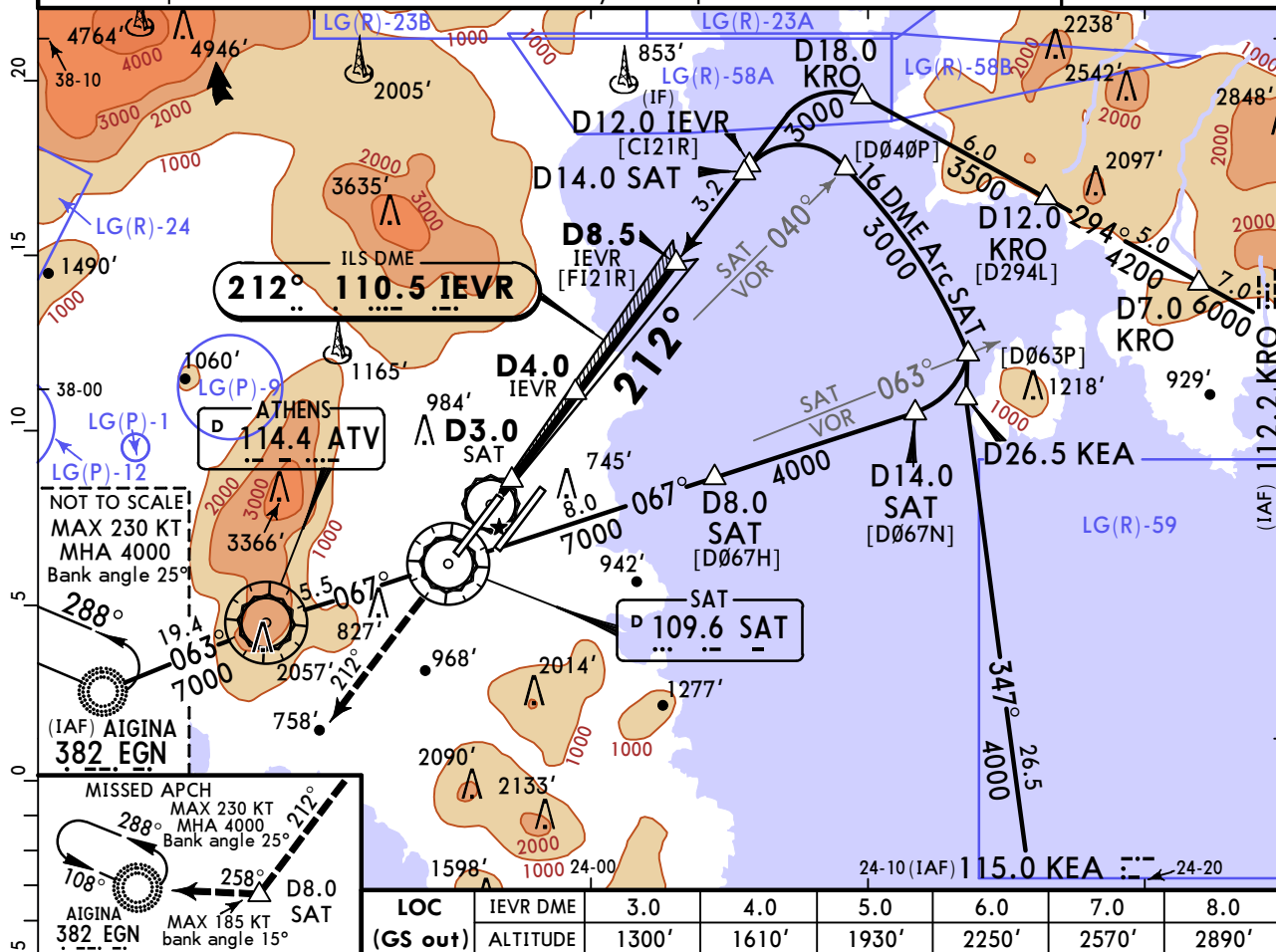
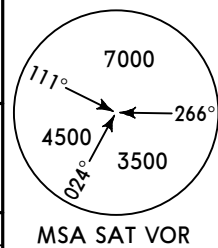
## ELEFTHERIOS VENIZELOS INTL

29 NOV 19 **11-7** Eff 5 Dec

# ATHENS, GREECE

## ILS Rwy 21R

ATIS	ATHENS Arrival (R)	Director (R)		Approach				
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525 121.4
VENIZELOS Tower				Ground				
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950	121.8   121.9
LOC IEVR	Final Apch Crs	D8.5 IEVR		ILS DA(H) Refer to Minimums	Apt Elev 308' Rwy 282'			
<b>110.5</b>	<b>212°</b>	<b>3000'</b> (2718')						
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SAT VOR. Intercept and follow R-212 SAT VOR. At D8.0 SAT VOR outbound turn RIGHT, intercept and follow 258° to EGN NDB, inbound to EGN NDB and hold. Climb to 4000'. In order to commence an ILS Apch for RWY 21R continue climb in holding to 7000'.								
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	SAT
ILS GS or LOC Descent Angle	3.00°	372	478	531	637	743	849	109.6	D8.0 SAT on R-212
MAP at D3.0 SAT									

<b>Standard</b> STRAIGHT-IN LANDING RWY 21R						CIRCLE-TO-LAND		
MISSED APCH CLIMB GRADIENT MIM 4.0%			MISSED APCH CLIMB GRADIENT MIM 2.5%			LOC (GS out) CDFA		
DA(H) <b>482'</b> (200')			DA(H) <b>542'</b> (260')			DA/MDA(H) <b>1160'</b> (878')		
FULL   TDZ or CL out   ALS out			FULL   TDZ or CL out   ALS out			ALS out		
A	RVR 550m	RVR 550m	RVR 1200m	RVR 600m	RVR 600m	RVR 1300m	RVR 1500m	Max Kts: 100
B	RVR 550m	RVR 1200m	RVR 600m	RVR 600m	RVR 1300m	RVR 1500m	RVR 1500m	135
C/D							RVR 2400m	C/D
								MDA(H) <b>1200'</b> (892')
								VIS <b>1500m</b>
								N/A

# LGAV/ATH

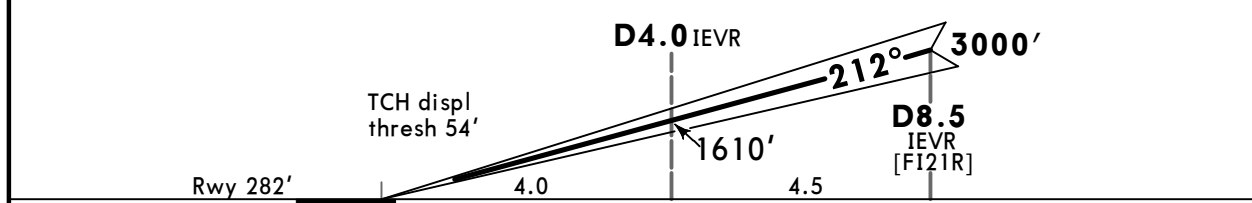
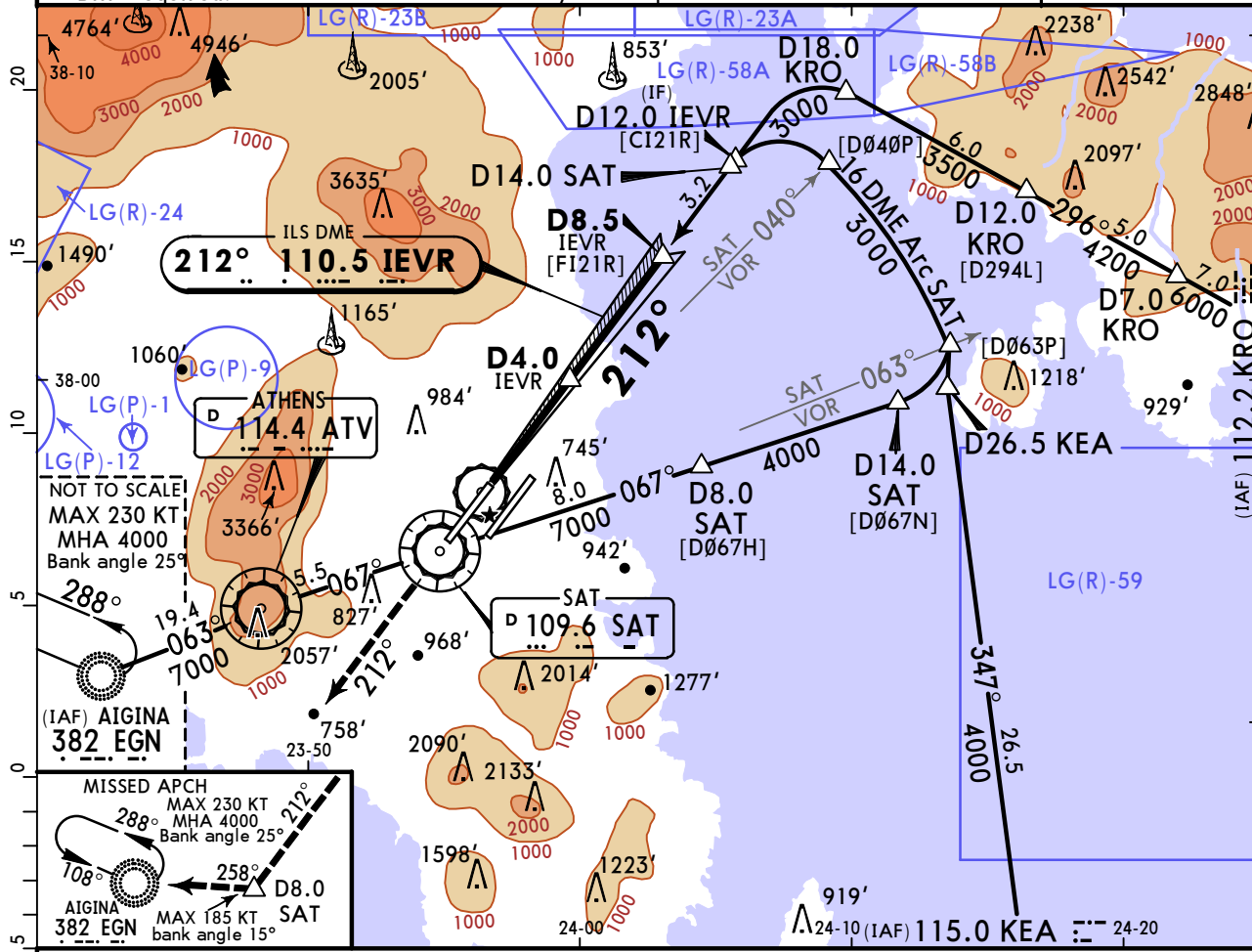
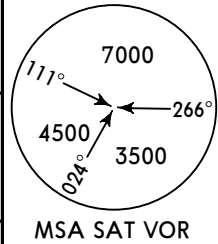
ELEFTHERIOS VENIZELOS INTL

29 NOV 19  
**Eff 5 Dec** (11-7A)

# ATHENS, GREECE

## CAT II ILS Rwy 21R

ATIS	ATHENS Arrival (R)	Director (R)		Approach							
136.125	132.975 126.575	West	East	121.4	118.475	126.575	130.025	132.975	128.950	125.525	121.4
VENIZELOS Tower		Tower		Ground							
West (Rwy 03L/21R) 136.275		East (Rwy 03R/21L) 118.625		North	121.750	South	121.950	121.8	121.9		
LOC IEVR	Final Apch Crs	D8.5 IEVR		CAT II ILS RA/DA(H)		Apt Elev 308'		Rwy 282'			
110.5	212°	3000' (2718')		Refer to Minimums							
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD to SAT VOR. Intercept and follow R-212 SAT VOR. At D8.0 SAT VOR outbound turn RIGHT, intercept and follow 258° to EGN NDB, inbound to EGN NDB and hold. Climb to 4000'. In order to commence an ILS Apch for RWY 21R continue climb in holding to 7000'.											
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	SAT
GS	3.00°	372	478	531	637	743	PAPI	109.6	109.6
								↑	D8.0 on R-212

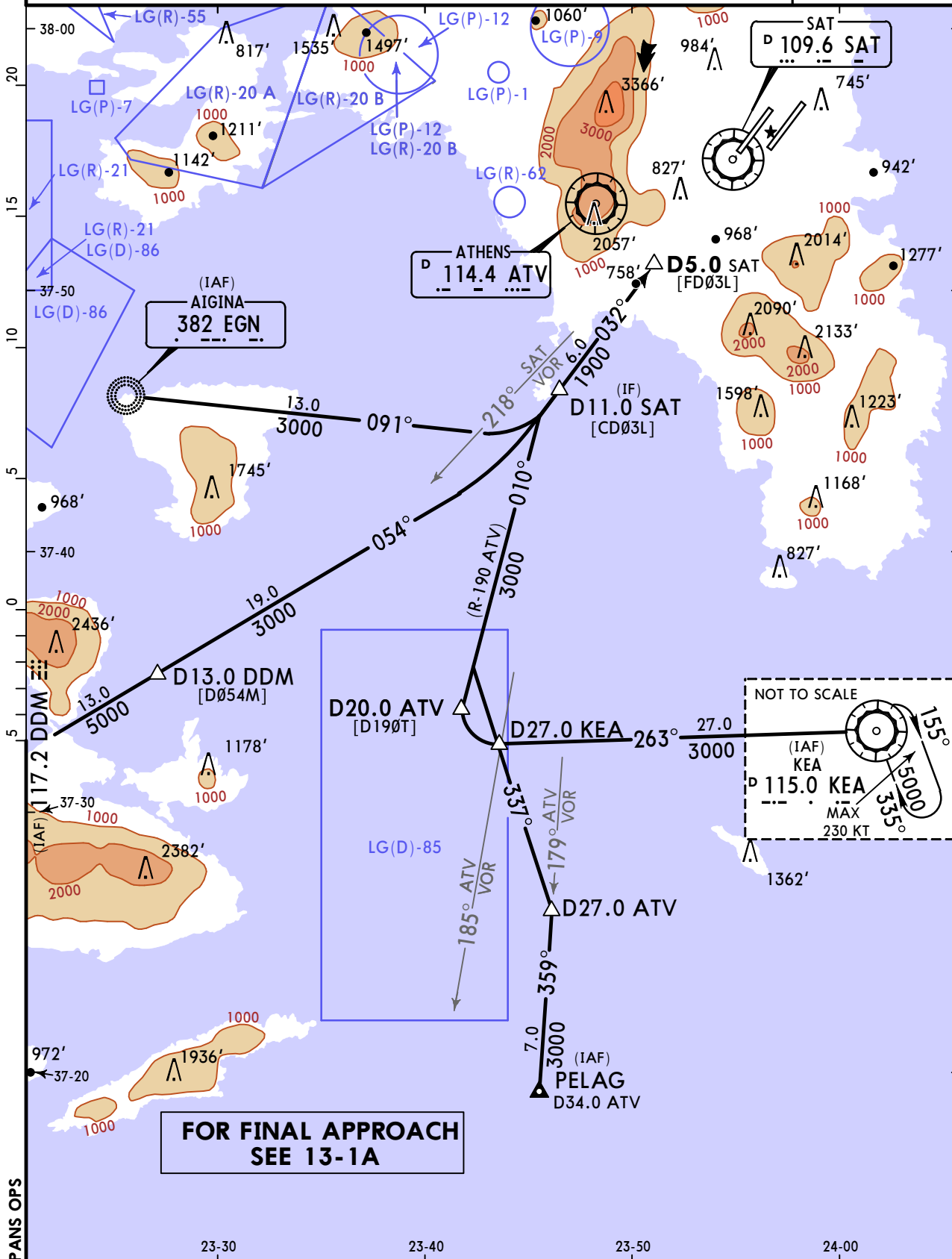
<b>Standard</b>					<b>STRAIGHT-IN LANDING RWY 21R</b>				
					<b>CAT II ILS</b>				
Missed apch climb grad mim 4.0%					Missed apch climb grad mim 2.5%				
<b>RA 94'</b> DA(H) 382'(100')		<b>A RA 120'</b> DA(H) 409'(127')		<b>B RA 136'</b> DA(H) 425'(143')		<b>C RA 149'</b> DA(H) 438'(156')		<b>D RA 163'</b> DA(H) 452'(170')	
RVR 300m		RVR 400m		RVR 450m					

**LGAV/ATH**  
ELEFTHERIOS VENIZELOS INTL

**JEPPesen**  
29 NOV 19 **(13-1)** **Eff 5 Dec**

**ATHENS, GREECE**  
VOR Z Rwy 03L

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)		Approach					
	136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
	VENIZELOS Tower		Tower East		Tower West		Ground				
West (Rwy 03L/21R) 136.275		East (Rwy 03R/21L) 118.625		North 121.750		South 121.950		121.8 121.9			
<b>FOR BRIEFING STRIP INFORMATION AND NOTES SEE FINAL APPROACH CHART</b>											
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC			Trans alt: 9000'				
DME required.											
<p>MSA SAT VOR</p>											

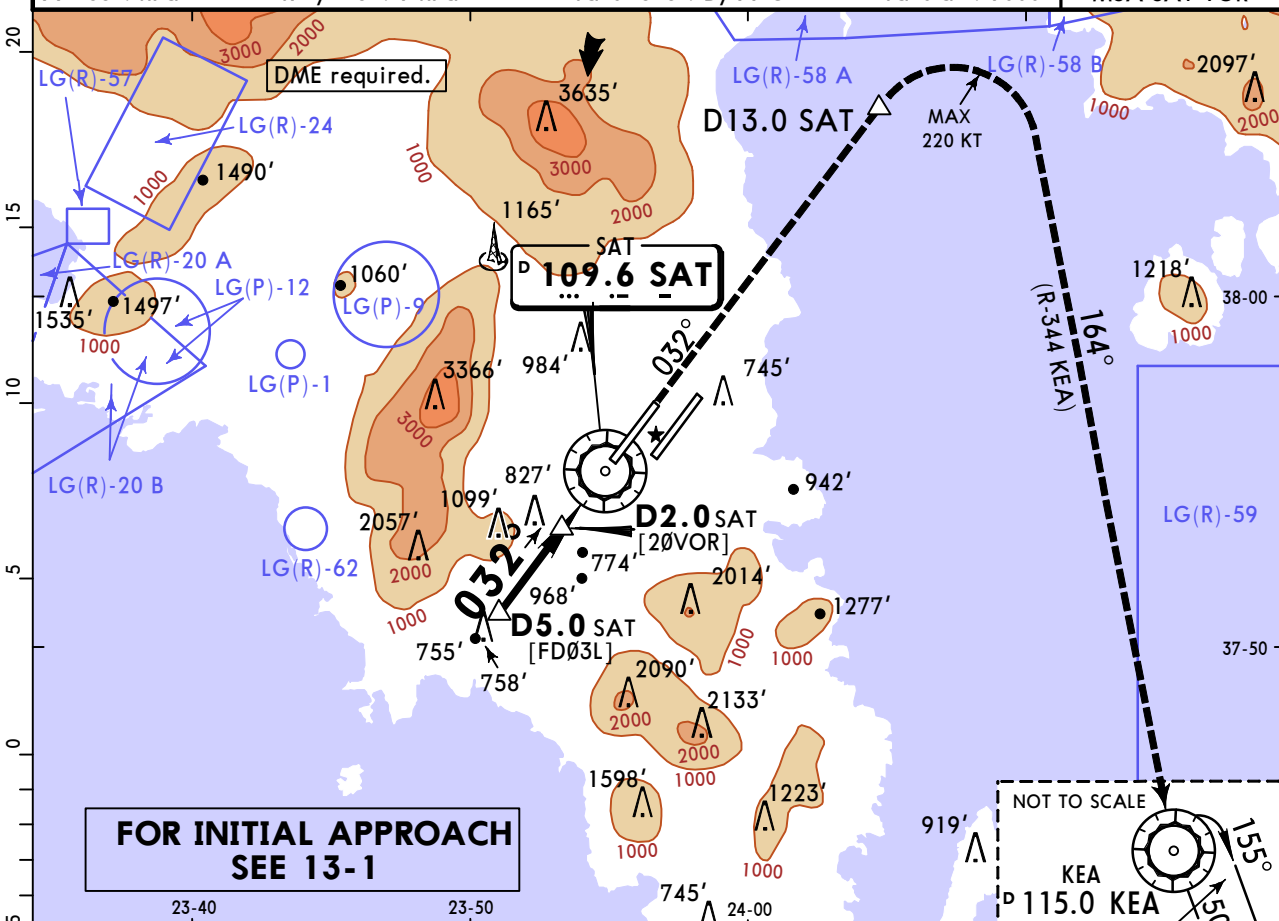


**LGAV/ATH**  
**ELEFTHERIOS VENIZELOS INTL** 29 NOV 19



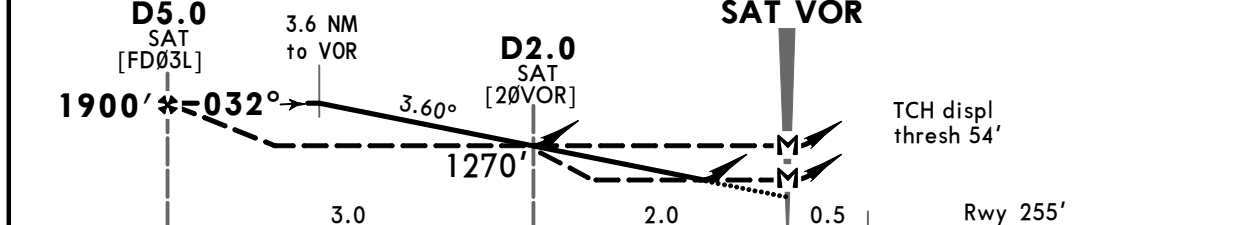
**ATHENS, GREECE**  
**VOR Z Rwy 03L**

ATIS	ATHENS Arrival (R)	Director (R)		Approach			
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950 125.525 121.4
VENIZELOS Tower		Ground					
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950 121.8 121.9
VOR SAT	Final Apch Crs	D5.0 SAT	DA/MDA(H) (CONDITIONAL)	Apt Elev	308'	Rwy	255'
109.6	032°	1900' (1645')	800' (545')				
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D13.0 SAT VOR turn RIGHT (MAX 220 KT) to intercept R-344 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.							
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC		Trans alt: 9000'	



**FOR INITIAL APPROACH SEE 13-1**

SAT DME	3.6	3.0	2.0	1.0
ALTITUDE	1900'	1670'	1290'	910'



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI	SAT <b>109.6</b> <b>R-032</b>	D13.0 SAT
Descent Angle 3.60°	446	573	637	765	892	1019			
MAP at SAT VOR	5.0	4:17	3:20	3:00	2:30	2:09			

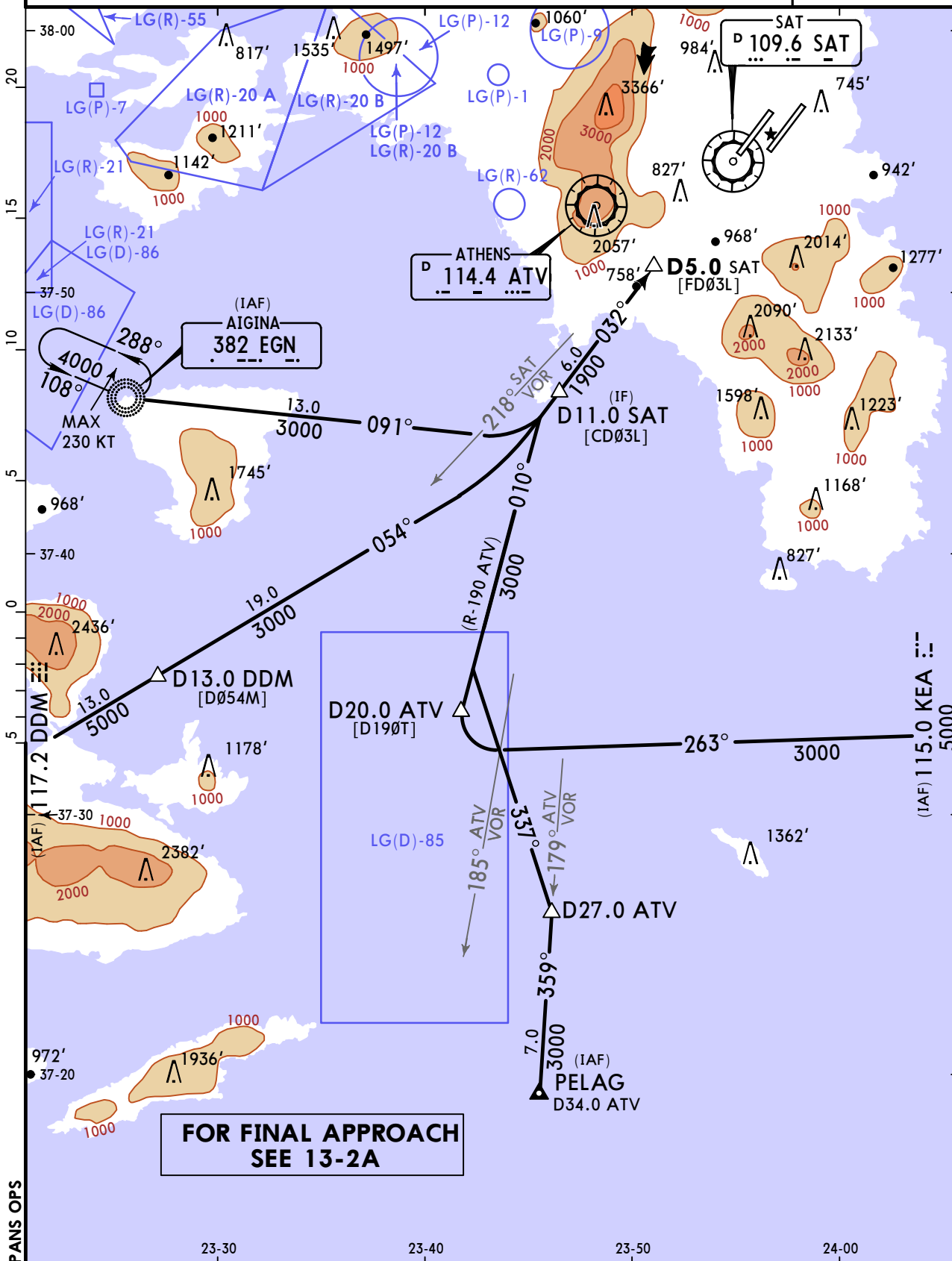
<b>Standard</b>						<b>CIRCLE-TO-LAND</b>						
With D2.0 SAT			Without D2.0 SAT									
CDFA DA/MDA(H)	non-CDFA MDA(H)		CDFA DA/MDA(H)	non-CDFA MDA(H)		Max Kts	MDA(H)	VIS				
<b>800' (545')</b>	<b>800' (545')</b>		<b>1270' (1015')</b>	<b>1270' (1015')</b>					100	<b>1200' (892')</b>	<b>1500m</b>	
ALS out	RVR	RVR	ALS out	RVR	RVR	135	<b>1300' (992')</b>	<b>1600m</b>				
A	RVR 1500m	RVR 2000m	RVR 2700m	RVR 1500m	RVR 4300m	RVR 5000m						
B	RVR 2400m	RVR 2200m	RVR 2900m	RVR 2400m	RVR 4500m		C					
C							D					
D												

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

**JEPPesen**  
 29 NOV 19 **(13-2) Eff 5 Dec**

**ATHENS, GREECE**  
**VOR Y Rwy 03L**

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)		Approach					
	136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
	VENIZELOS Tower		East		North		Ground		South		
	West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	121.750	121.950	121.8	121.9			
FOR BRIEFING STRIP INFORMATION AND NOTES SEE FINAL APPROACH CHART											
Alt Set: hPa		Rwy Elev: 9 hPa		Trans level: By ATC			Trans alt: 9000'				
DME required.											
MSA SAT VOR											



# LGAV/ATH

ELEFTHERIOS VENIZELOS INTL 29 NOV 19

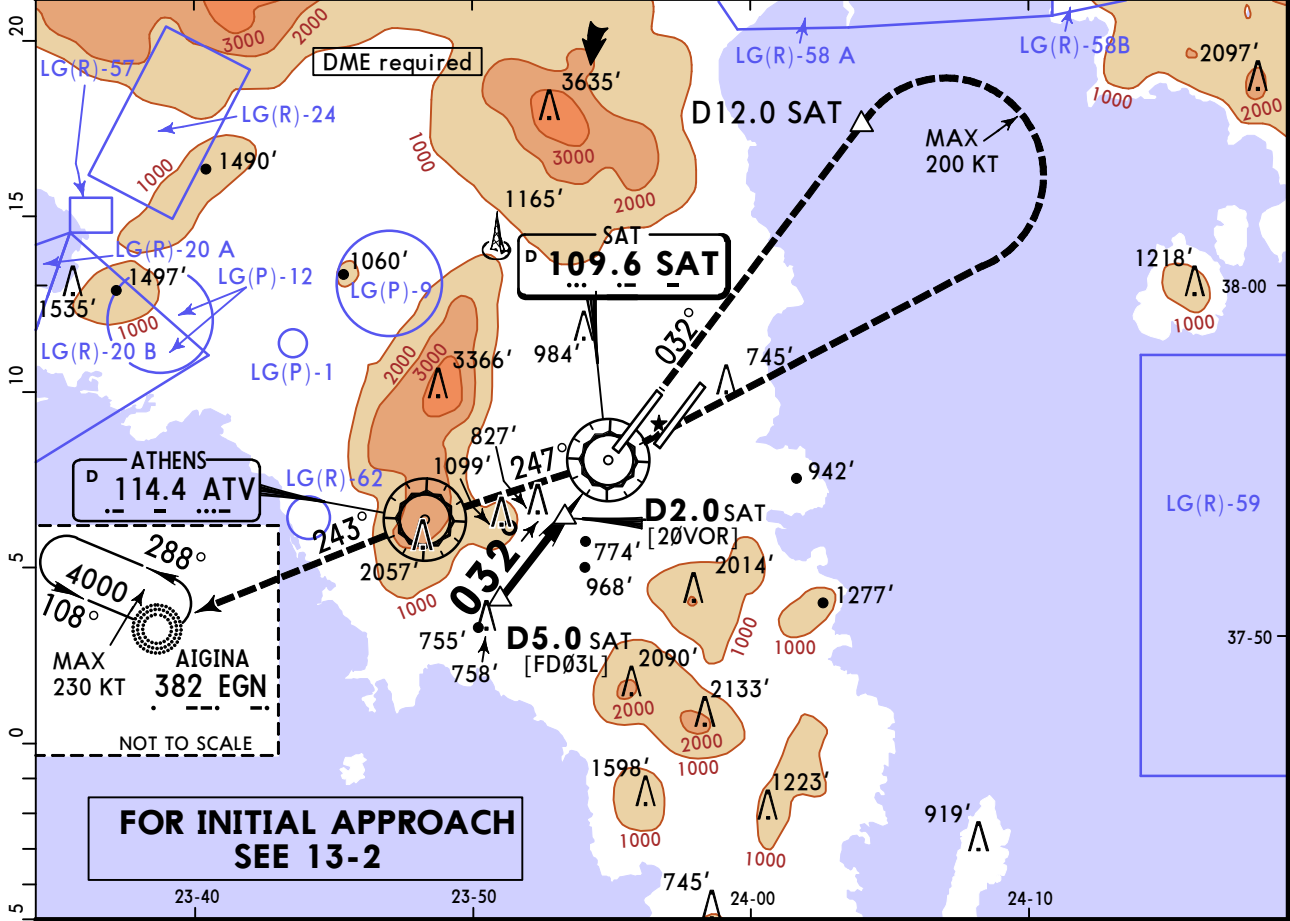


(13-2A) Eff 5 Dec

# ATHENS, GREECE

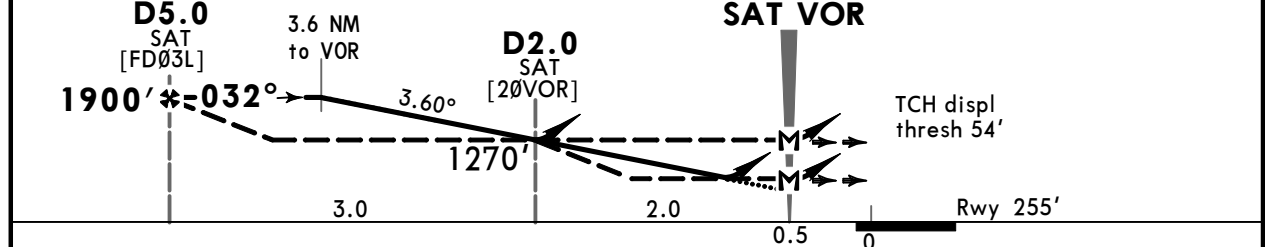
VOR Y Rwy 03L

ATIS	ATHENS Arrival (R)	Director (R)		Approach			
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950 125.525 121.4
VENIZELOS Tower		Ground					
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950 121.8 121.9
VOR SAT	Final Apch Crs	D5.0 SAT	DA/MDA(H) (CONDITIONAL)	Apt Elev		Rwy	
109.6	032°	1900' (1645')	800' (545')	308'		255'	
<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SAT VOR. At D12.0 SAT VOR turn RIGHT (MAX 200 KT) inbound to SAT VOR. Intercept R-247 SAT VOR inbound to ATV VOR. Then intercept R-243 ATV VOR, inbound to EGN NDB and hold. Climb to 4000'.							
Alt Set: hPa Rwy Elev: 9 hPa Trans level: By ATC Trans alt: 9000'							MSA SAT VOR



**FOR INITIAL APPROACH SEE 13-2**

SAT DME	3.6	3.0	2.0	1.0
ALTITUDE	1900'	1670'	1290'	910'



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II PAPI 	SAT <b>109.6</b> <b>R-032</b>	D12.0 SAT	
Descent Angle	3.60°	446	573	637	765	892				1019
MAP at SAT VOR										
D5.0 SAT to MAP	5.0	4:17	3:20	3:00	2:30	2:09	1:53			

<b>Standard</b>						<b>Circle-to-Land</b>					
With D2.0 SAT			Without D2.0 SAT			CDFA		non-CDFA			
CDFA DA/MDA(H)			non-CDFA MDA(H)			CDFA DA/MDA(H)		non-CDFA MDA(H)			
800' (545')			800' (545')			1270' (1015')		1270' (1015')			
ALS out		ALS out		ALS out		ALS out		ALS out			
A	RVR 1500m	RVR 2000m	RVR 2700m	RVR 1500m	RVR 4300m	RVR 5000m		Max Kts	MDA(H)	VIS	
B								100	1200' (892')	1500m	
C								135	1300' (992')	1600m	
D	RVR 1800m	RVR 2400m	RVR 2200m	RVR 2900m	RVR 2400m	RVR 4500m			N/A		

# LGAV/ATH

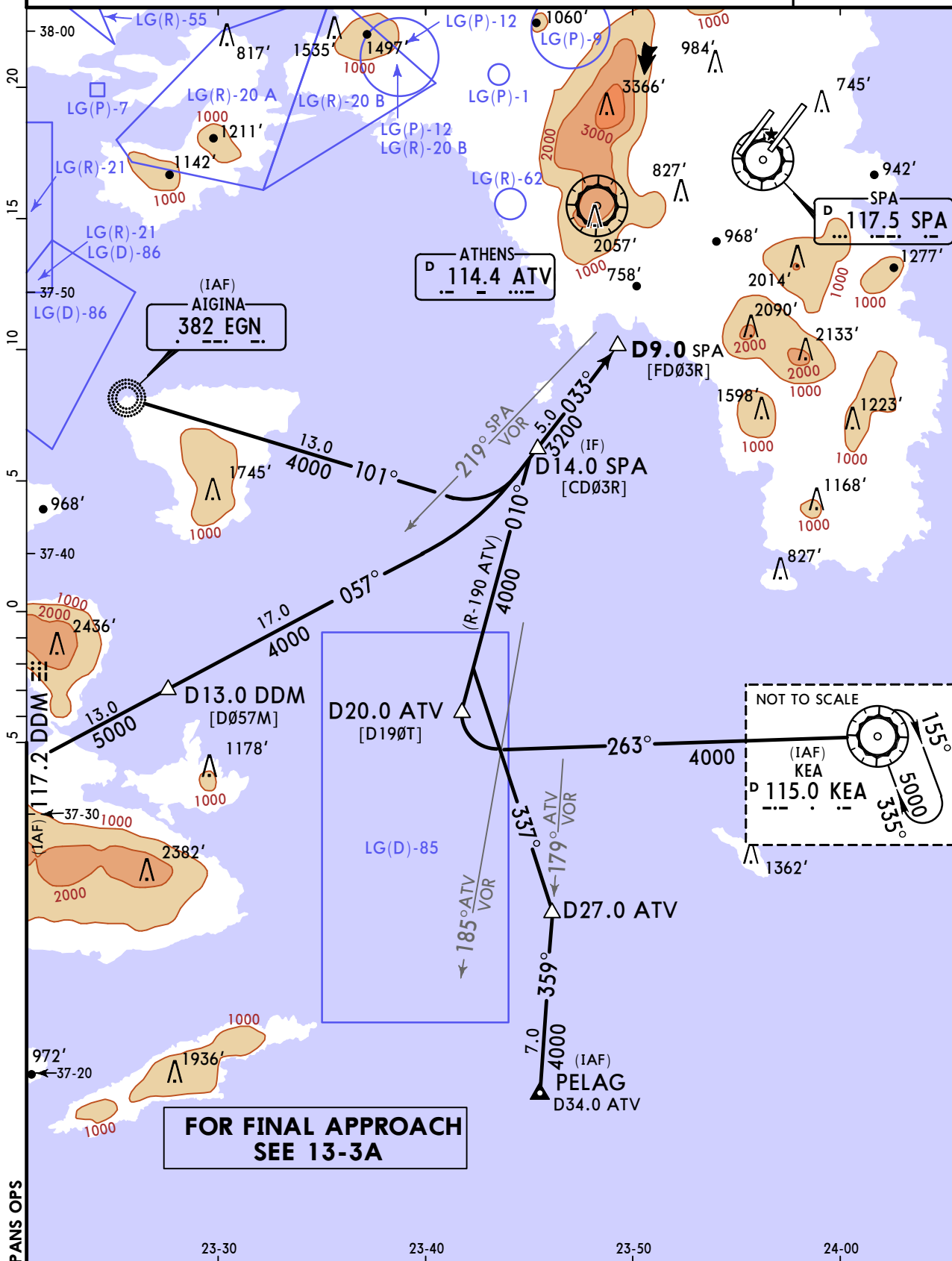
## ELEFTHERIOS VENIZELOS INTL

**JEPPESSEN**  
29 NOV 19 **(13-3) Eff 5 Dec**

# ATHENS, GREECE

## VOR Z Rwy 03R

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)		Approach					
	136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
	West (Rwy 03L/21R) 136.275		VENIZELOS Tower East (Rwy 03R/21L) 118.625		North 121.750		South 121.950		121.8		121.9
FOR BRIEFING STRIP INFORMATION AND NOTES SEE FINAL APPROACH CHART										<p>MSA SPA VOR</p>	
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'					
DME required.											





# LGAV/ATH

ELEFTHERIOS VENIZELOS INTL 29 NOV 19



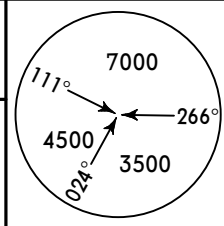
# ATHENS, GREECE

VOR Z Rwy 03R

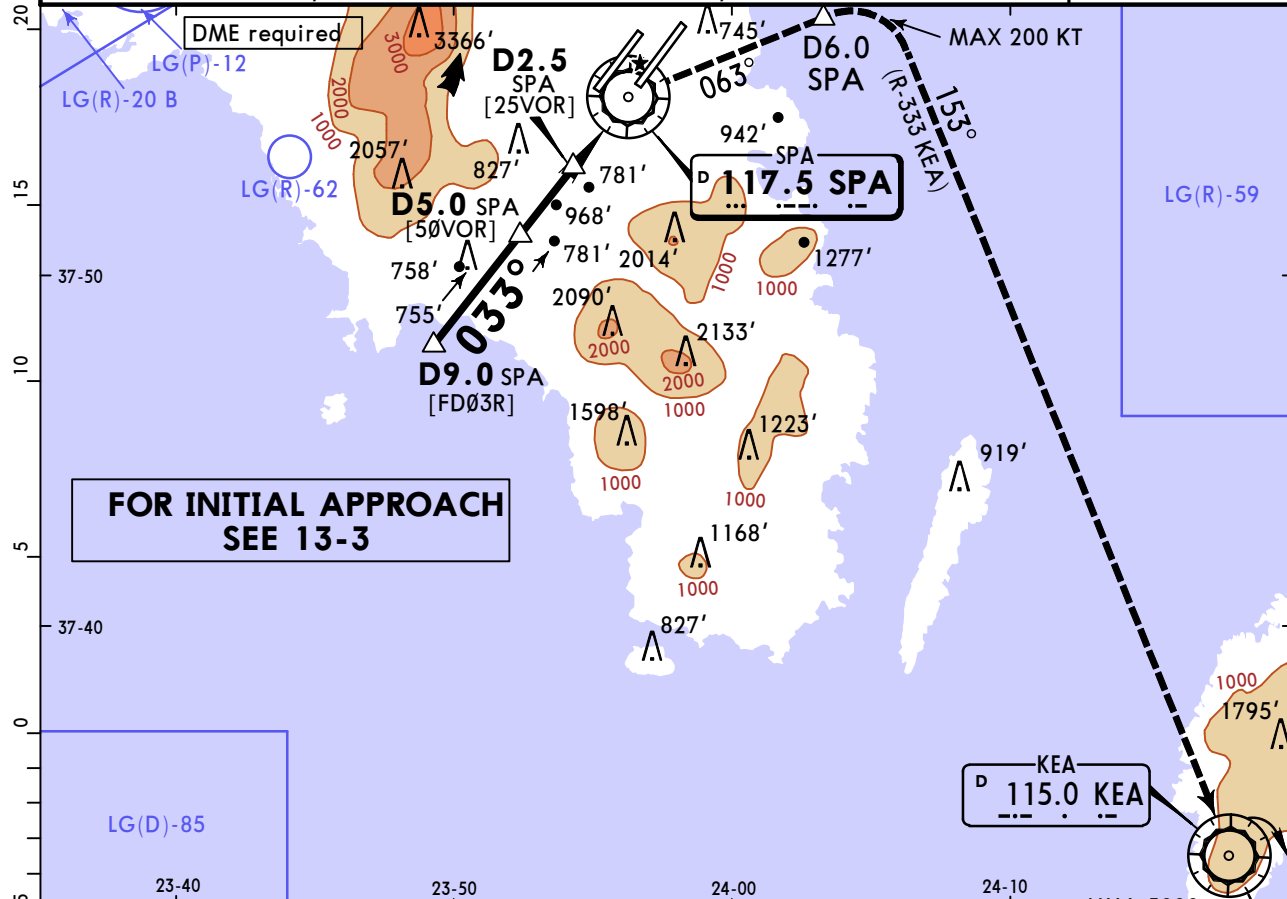
ATIS	ATHENS Arrival (R)	Director (R)		Approach				
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525 121.4
West (Rwy 03L/21R) 136.275		VENIZELOS Tower East (Rwy 03R/21L) 118.625		North 121.750		Ground South 121.950   121.8 121.9		

VOR SPA <b>117.5</b>	Final Apch Crs <b>033°</b>	D9.0 SPA <b>3200'</b> (2929')	DA/MDA(H) (CONDITIONAL) <b>690'</b> (419')	Apt Elev 308' Rwy 271'
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**MISSED APCH:** Turn RIGHT as soon as practicable to intercept R-063 SPA VOR (no turns prior to SPA VOR). At D6.0 SPA VOR turn RIGHT (MAX 200 KT) to intercept R-333 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.

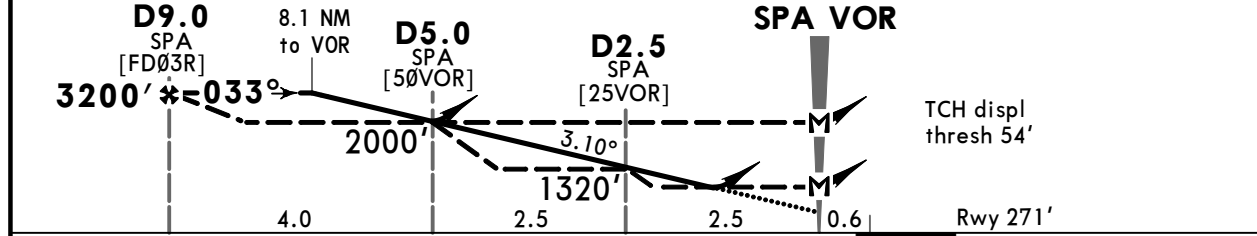


Alt Set: hPa Rwy Elev: 10 hPa Trans level: By ATC Trans alt: 9000'



**FOR INITIAL APPROACH SEE 13-3**

SPA DME	8.1	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
ALTITUDE	3200'	3170'	2840'	2510'	2180'	1850'	1520'	1190'	860'



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

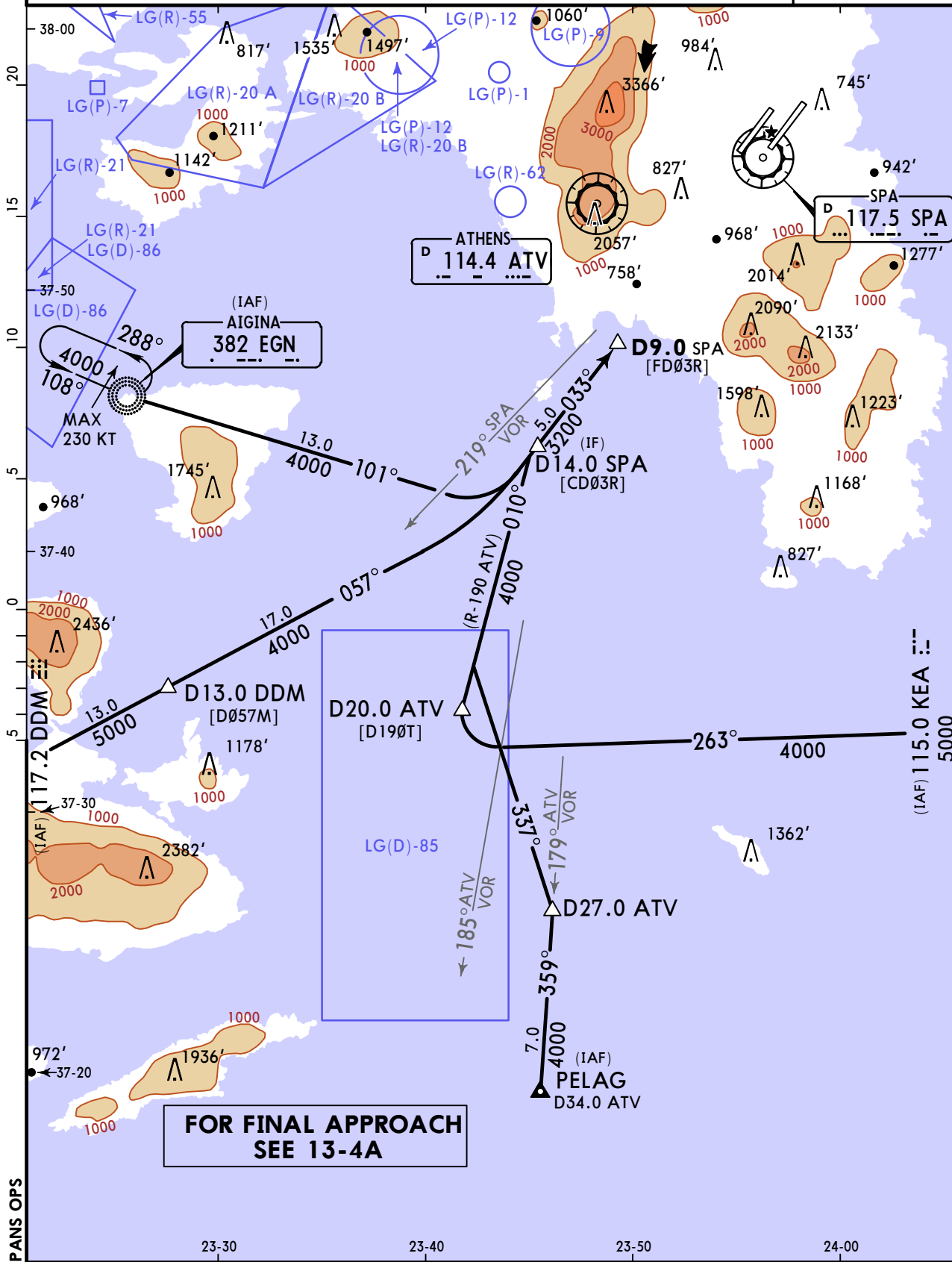
<b>PANS OPS</b>	<b>Standard</b>				<b>STRAIGHT-IN LANDING RWY 03R</b>				<b>CIRCLE-TO-LAND</b>		
	With D5.0 SPA		Without D5.0 SPA		With D5.0 SPA		Without D5.0 SPA		Max Kts	MDA(H)	VIS
	CDFA DA/MDA(H)	non-CDFA MDA(H)	CDFA DA/MDA(H)	non-CDFA MDA(H)	CDFA DA/MDA(H)	non-CDFA MDA(H)	CDFA DA/MDA(H)	non-CDFA MDA(H)			
	<b>690'</b> (419')	<b>690'</b> (419')	<b>2000'</b> (1729')	<b>2000'</b> (1729')	<b>2000'</b> (1729')	<b>2000'</b> (1729')	<b>2000'</b> (1729')	<b>2000'</b> (1729')	100	<b>1200'</b> (892')	<b>1500m</b>
ALS out	ALS out	ALS out	ALS out	ALS out	ALS out	ALS out	ALS out	135	<b>1300'</b> (992')	<b>1600m</b>	
A	RVR	RVR	RVR	RVR	RVR	RVR	RVR	C	N/A		
B	RVR	1500m	1400m	2100m	RVR	5000m	RVR	D	N/A		
C	1200m	RVR	RVR	RVR	RVR	5000m	RVR				
D		1900m	1600m	2300m							

**LGAV/ATH**  
ELEFTHERIOS VENIZELOS INTL

**JEPPESSEN**  
29 NOV 19 **(13-4) Eff 5 Dec**

**ATHENS, GREECE**  
VOR Y Rwy 03R

BRIEFING STRIP™	ATIS	ATHENS Arrival (R)		Director (R)		Approach					
	136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
	West (Rwy 03L/21R) 136.275		VENIZELOS Tower East (Rwy 03R/21L) 118.625		North 121.750		South 121.950		Ground 121.8 121.9		
	FOR BRIEFING STRIP INFORMATION AND NOTES SEE FINAL APPROACH CHART										<p>MSA SPA VOR</p>
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'					
DME required.											



# LGAV/ATH

ELEFTHERIOS VENIZELOS INTL 29 NOV 19

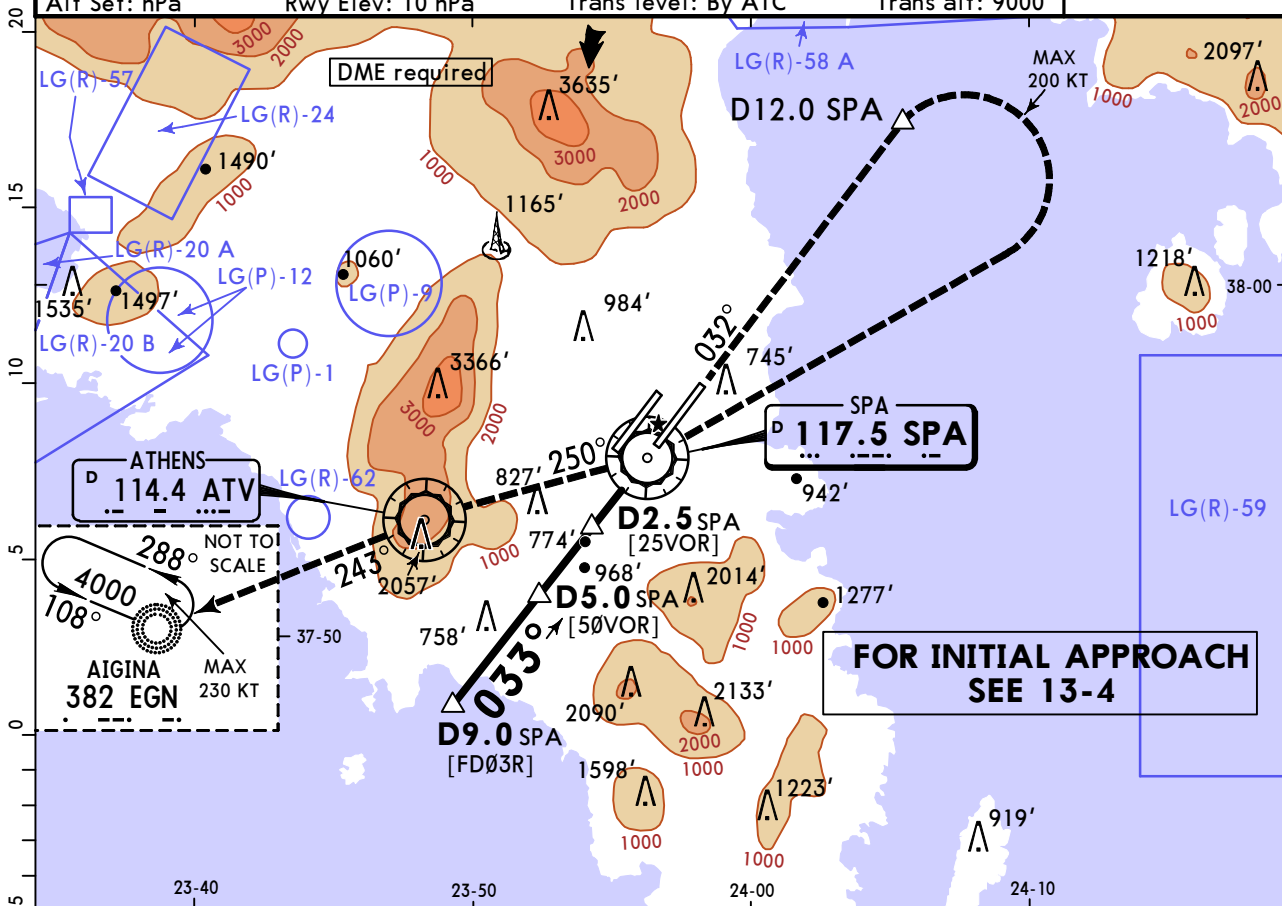


13-4A Eff 5 Dec

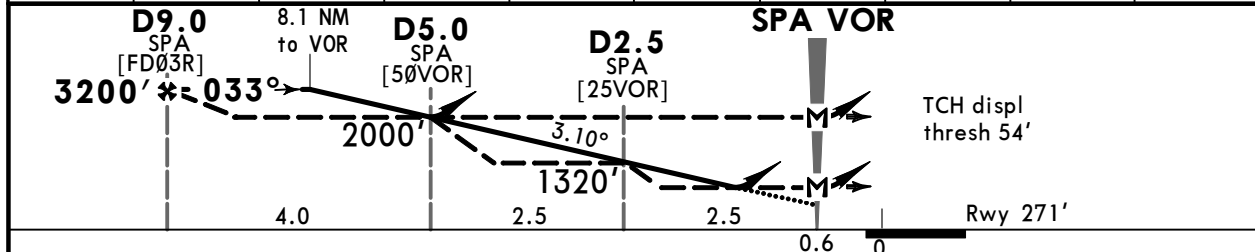
# ATHENS, GREECE

VOR Y Rwy 03R

ATIS	ATHENS Arrival (R)		Director (R)		Approach					
136.125	132.975	126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525	121.4
West (Rwy 03L/21R) 136.275		VENIZELOS Tower East (Rwy 03R/21L) 118.625		North 121.750		Ground South 121.950				121.8 121.9
VOR SPA 117.5	Final Apch Crs 033°	D9.0 SPA 3200' (2929')		DA/MDA(H) (CONDITIONAL) 690' (419')		Apt Elev 308'				
Rwy 271'		<b>MISSED APCH:</b> Climb STRAIGHT AHEAD, intercept and follow R-032 SPA VOR. At D12.0 SPA VOR turn RIGHT (MAX 200 KT) inbound to SPA VOR. Intercept R-250 SPA VOR inbound to ATV VOR. Intercept R-243 ATV VOR, inbound to EGN NDB and hold. Climb to 4000'.								
Alt Set: hPa		Rwy Elev: 10 hPa		Trans level: By ATC		Trans alt: 9000'				MSA SPA VOR



SPA DME	8.1	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
ALTITUDE	3200'	3170'	2840'	2510'	2180'	1850'	1520'	1190'	860'



Gnd speed-Kts	70	90	100	120	140	160				SPA <b>117.5</b> R-032 D12.0 SPA	
Descent Angle	3.10°	384	494	548	658	768					878
MAP at SPA VOR	D9.0 SPA to MAP 9.0 7:43 6:00 5:24 4:30 3:51 3:23										

PANS OPS	STRAIGHT-IN LANDING RWY 03R								CIRCLE-TO-LAND		
	With D5.0 SPA				Without D5.0 SPA				Max Kts	MDA(H)	VIS
	CDFA DA/MDA(H) 690' (419')		non-CDFA MDA(H) 690' (419')		CDFA DA/MDA(H) 2000' (1729')		non-CDFA MDA(H) 2000' (1729')				
	ALS out		ALS out		ALS out		ALS out		100	1200' (892') 1500m	
	A	RVR	RVR	RVR	RVR	RVR	RVR	RVR	135	1300' (992') 1600m	
B	RVR	1500m	1400m	2100m							
C	1200m	RVR	RVR	RVR	5000m	5000m					
D		1900m	1600m	2300m					N/A		

# LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

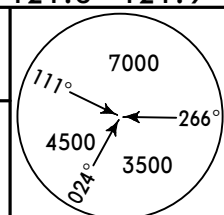


29 NOV 19 **13-5** Eff 5 Dec

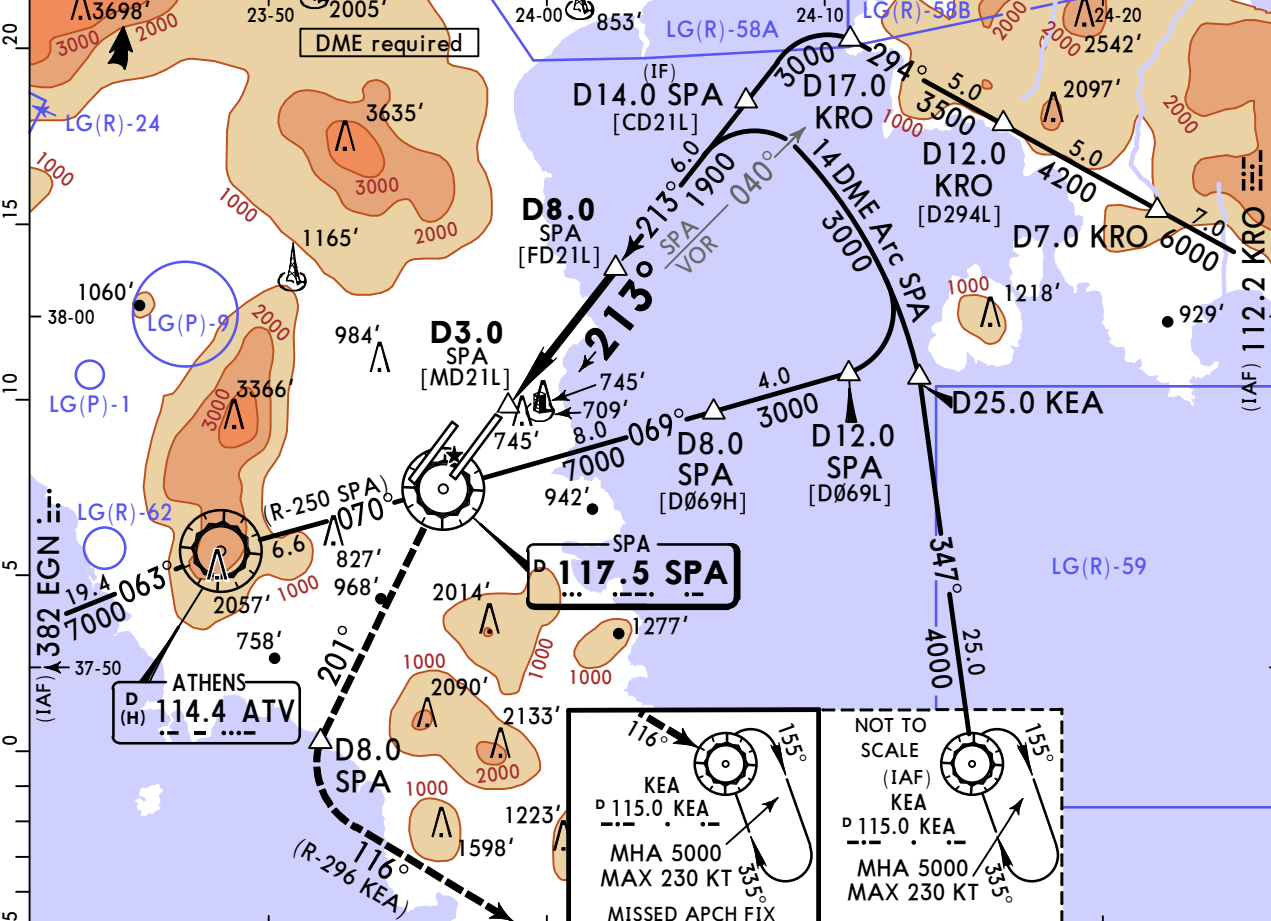
# ATHENS, GREECE

VOR Z Rwy 21L

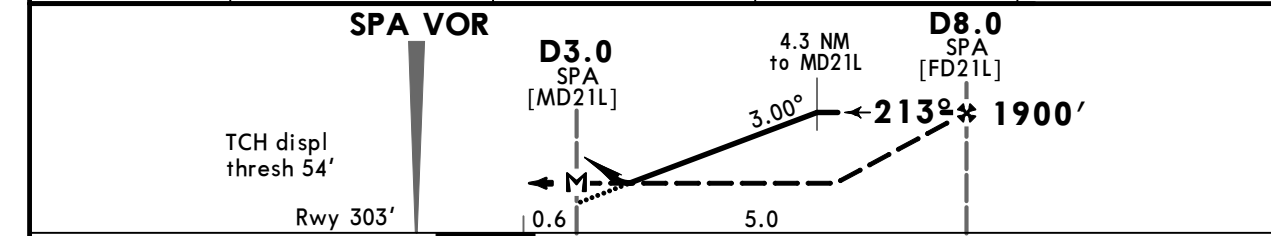
ATIS	ATHENS Arrival (R)	Director (R)		Approach			
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950 125.525 121.4
VENIZELOS Tower		Ground					
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950 121.8 121.9
VOR SPA	Final Apch Crs	D8.0 SPA	DA/MDA(H)	Apt Elev		Rwy	
117.5	213°	1900' (1597')	1030' (727')	308'		303'	
<b>MISSED APCH:</b> Climb on R-033 SPA VOR. At SPA VOR turn LEFT and intercept R-201 SPA VOR. At D8.0 SPA VOR outbound turn LEFT to intercept R-296 KEA VOR inbound to KEA VOR and hold. Climb to 5000'.							



Alt Set: hPa Rwy Elev: 11 hPa Trans level: By ATC Trans alt: 9000' 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	SPA	SPA	SPA
Descent Angle 3.00°	372	478	531	637	743	849	PAPI	on	LT	on
MAP at D3.0 SPA								<b>117.5</b>	<b>117.5</b>	<b>117.5</b>
D8.0 SPA to MAP	5.0	4:17	3:20	3:00	2:30	2:09		<b>R-033</b>		<b>R-201</b>

PANS OPS	Standard STRAIGHT-IN LANDING RWY 21L			CIRCLE-TO-LAND		
	CDFA DA/MDA(H) <b>1030' (727')</b>		non-CDFA MDA(H) <b>1030' (727')</b>			
	ALS out		ALS out		Max Kts	
	A	RVR 1500m	RVR 2900m	RVR 3600m	100	
	B	RVR 1500m	RVR 2900m	RVR 3600m	135	
C	RVR 2400m	RVR 3100m	RVR 3800m	C	MDA(H) 1200' (892')	VIS 1500m
D	RVR 2400m	RVR 3100m	RVR 3800m	D	1300' (992')	1600m
						N/A

CHANGES: Reindexed. Procedure revised.

# LGAV/ATH

ELEFTHERIOS VENIZELOS INTL

29 NOV 19 **13-6** Eff 5 Dec



# ATHENS, GREECE

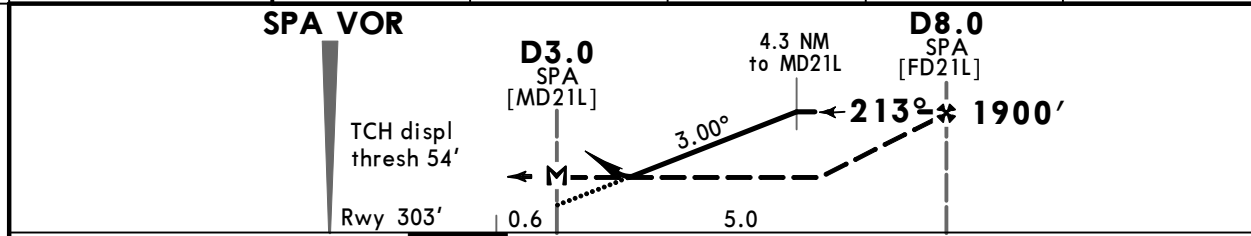
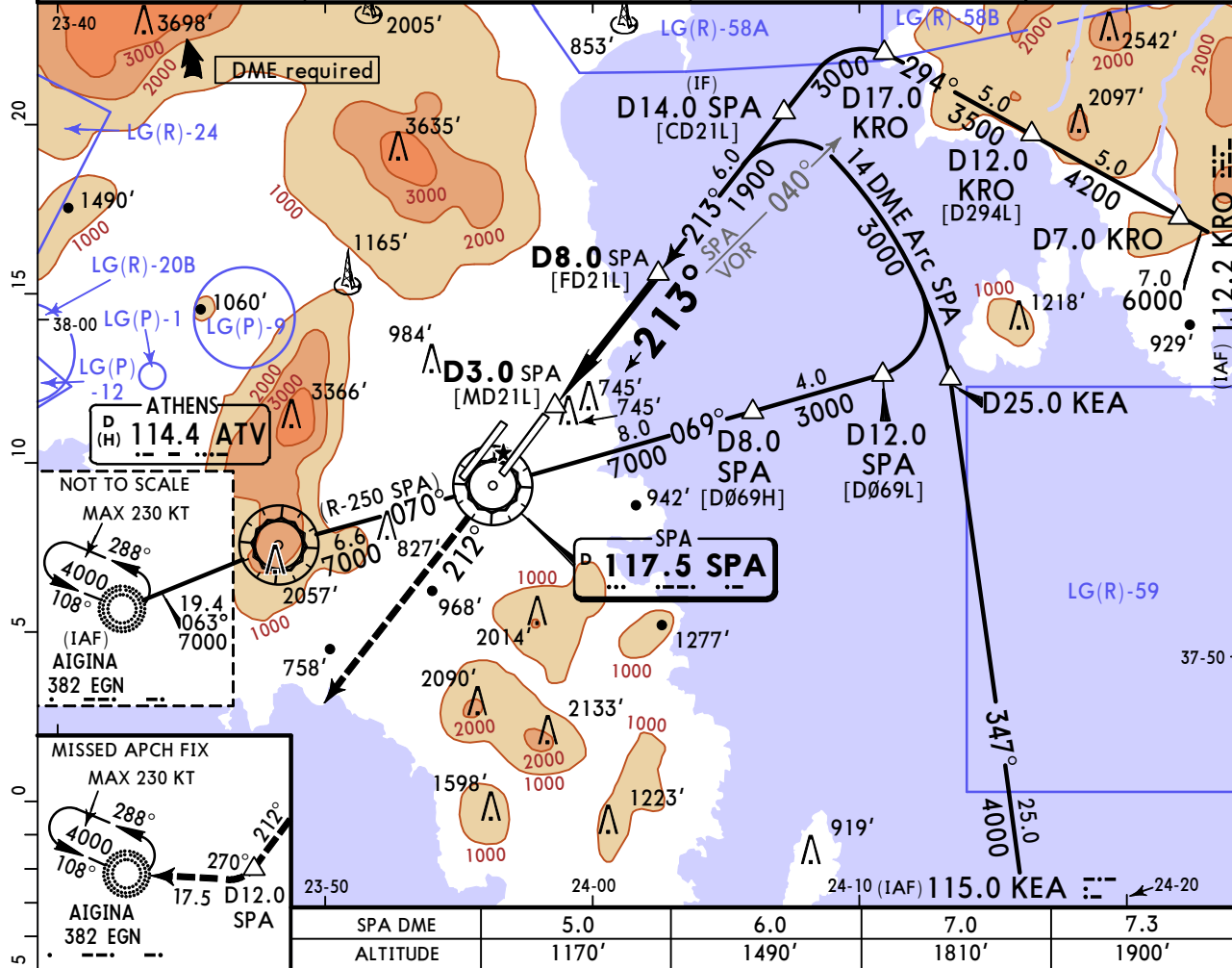
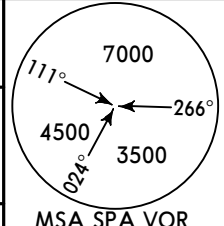
## VOR Y Rwy 21L

ATIS	ATHENS Arrival (R)	Director (R)	Approach				
136.125	132.975 126.575	West 121.4 East 118.475	126.575	130.025	132.975	128.950	125.525 121.4
West (Rwy 03L/21R) 136.275		VENIZELOS Tower East (Rwy 03R/21L) 118.625	North 121.750	Ground South 121.950		121.8	121.9

VOR SPA	Final Apch Crs	D8.0 SPA	DA/MDA(H)	Apt Elev 308'
117.5	213°	1900' (1597')	1030' (727')	Rwy 303'

**MISSED APCH:** Climb on R-033 SPA VOR. At SPA VOR intercept and follow R-212 SPA VOR. At D12.0 SPA VOR outbound turn RIGHT, intercept and follow 270° to EGN NDB, inbound to EGN NDB and hold. Climb to 4000'. In order to commence a VOR Y Apch for Rwy 21L continue climb in holding to 7000'.

Alt Set: hPa Rwy Elev: 11 hPa Trans level: By ATC Trans alt: 9000' MSA SPA VOR



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II	SPA	SPA	SPA
Descent Angle 3.00°	372	478	531	637	743	849	PAPI	on 117.5	117.5	117.5
MAP at D3.0 SPA								R-033		R-212
D8.0 SPA to MAP	5.0	4:17	3:20	3:00	2:30	2:09	1:53			

PANS OPS	STRAIGHT-IN LANDING RWY 21L			CIRCLE-TO-LAND		
	CDFA DA/MDA(H) 1030' (727')		non-CDFA MDA(H) 1030' (727')		Max Kts	
	ALS out	ALS out	ALS out	MDA(H)		VIS
	A	RVR 1500m	RVR 2900m	RVR 3600m	100	1200' (892')
B				135	1300' (992')	1600m
C				C	N/A	
D	RVR 2400m	RVR 3100m	RVR 3800m	D	N/A	

CHANGES: Chart reindexed. Procedure revised.

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# LGAV/ATH

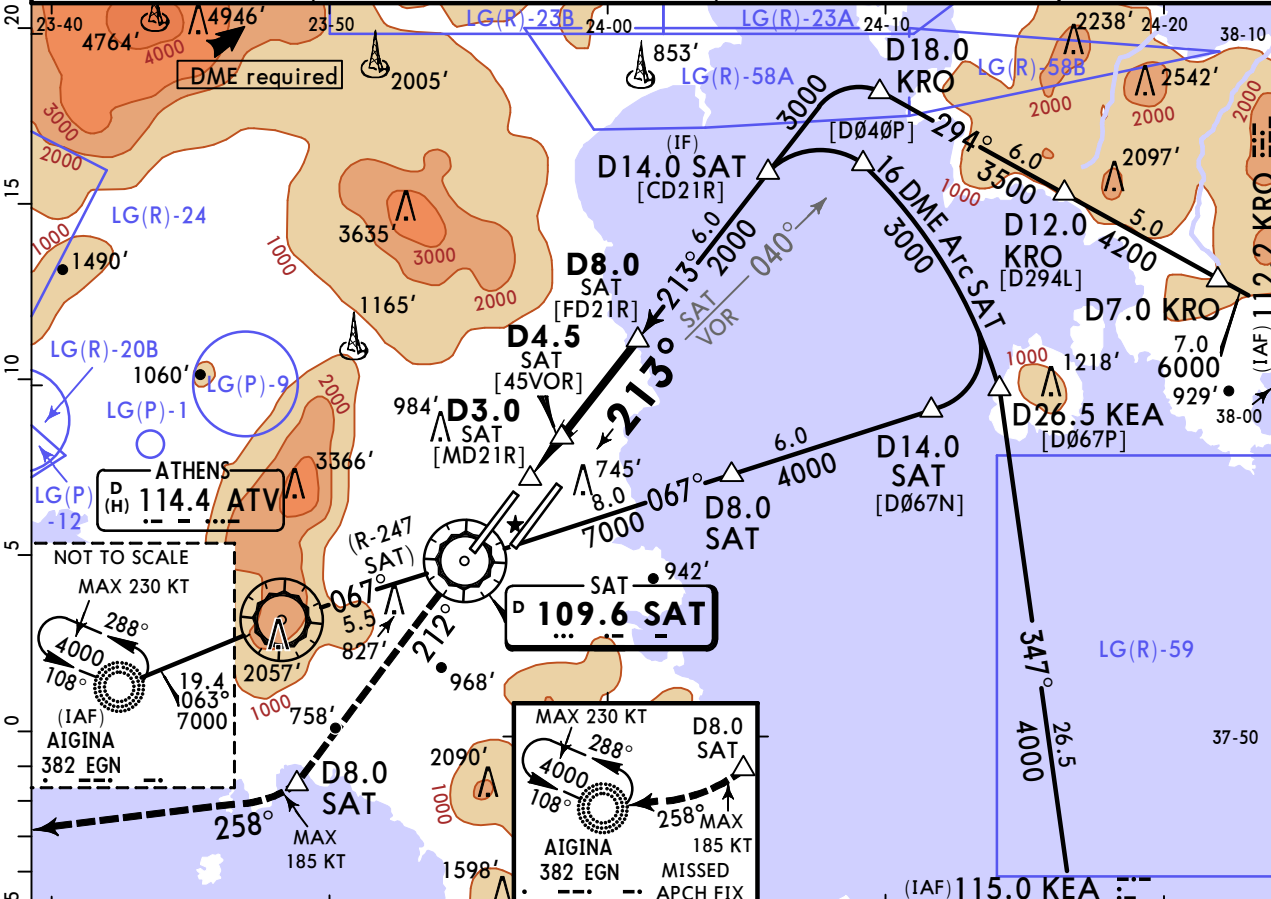
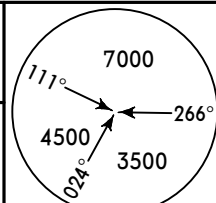
ELEFTHERIOS VENIZELOS INTL



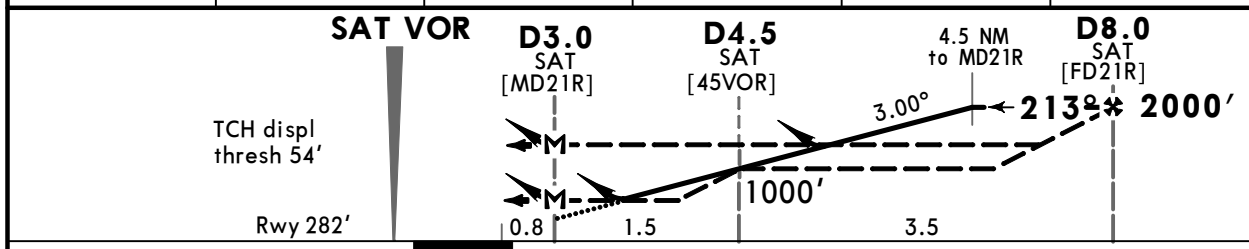
29 NOV 19 **13-7** Eff 5 Dec

# ATHENS, GREECE VOR Rwy 21R

ATIS	ATHENS Arrival (R)	Director (R)		Approach				
136.125	132.975 126.575	West 121.4	East 118.475	126.575	130.025	132.975	128.950	125.525 121.4
VENIZELOS Tower		Ground						
West (Rwy 03L/21R)	136.275	East (Rwy 03R/21L)	118.625	North	121.750	South	121.950	121.8 121.9
VOR SAT	Final Apch Crs	D8.0 SAT	DA/MDA(H)	Apt Elev	308'			
109.6	213°	2000' (1718')	Refer to Minimums	Rwy	282'			
<p><b>MISSED APCH:</b> Climb on R-033 SAT VOR. At SAT VOR intercept and follow R-212 SAT VOR. AT D8.0 SAT VOR outbound turn RIGHT intercept and follow 258° to EGN NDB, inbound to EGN NDB and hold. Climb to 4000'. In order to commence a VOR Apch for Rwy 21R continue climb in holding to 7000'.</p>								
Alt Set: hPa			Rwy Elev: 10 hPa	Trans level: By ATC		Trans alt: 9000'		



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 on 109.6 R-033	SAT 109.6	SAT 109.6 R-212
Descent Angle 3.00°	372	478	531	637	743	849				
MAP at D3.0 SAT										
D8.0 SAT to MAP	5.0	4:17	3:20	3:00	2:30	2:09				

Standard STRAIGHT-IN LANDING RWY 21R						CIRCLE-TO-LAND		
Missed apch climb gradient mim 4.0%			Missed apch climb gradient mim 2.5%			Max Kts	MDA(H)	VIS
CDFA DA/MDA(H)	non-CDFA MDA(H)	ALS out	CDFA DA/MDA(H)	non-CDFA MDA(H)	ALS out			
830' (548')	830' (548')		1160' (878')	1160' (878')		100	1200' (892')	1500m
						135	1300' (992')	1600m
A	RVR 1500m	RVR	RVR	RVR 1500m	RVR	RVR	C	
B	RVR 2000m	RVR 2700m	RVR	RVR 3500m	RVR 4200m	RVR	D	
C	RVR 1800m	RVR 2400m	RVR 2200m	RVR 2900m	RVR 2400m	RVR 3700m	RVR 4400m	N/A
D								

CHANGES: Reindex. Procedure revised.

## Chart changes since cycle 02-2020

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

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

## TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport LGAV