

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<b>AIRPORT ID</b> AHN	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 27	<b>ORIGINAL/AMENDMENT</b> 1C	<b>CITY</b> ATHENS	<b>STATE</b> GA
<b>AIRPORT ELEVATION</b> 812	<b>TDZE</b> 812	<b>SUPERSEDED</b> RNAV (GPS) RWY 27	<b>DATED</b> 10/07/2021	<b>MAG VAR</b> 6W
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2020
				<b>CANCEL/SUSPEND</b>

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 204/30 CW 344/30	NOPT	IMAVE	IF/IAF	2500
2. 344/30 CW 094/30		KADME	IAF	2500
3. 094/30 CW 204/30		JOMAP	IAF	4300

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
JOMAP	IAF	IMAVE	NOPT	TF	FB	1.00	204.47	5.00	2500
KADME	IAF	IMAVE	NOPT	TF	FB	1.00	344.47	5.00	2500
IMAVE	IF/IAF	BLLDG		TF	FB	1.00	274.45	6.03	2500
BLLDG	FAF	FEXUK/1.60 NM TO RW27		TF	FB	0.30	274.38	3.57	
FEXUK/1.60 NM TO RW27		RW27	MAP	TF	FO	0.30	274.38	1.60	
RW27	MAP	1012 MSL		CA			274.38		
1012 MSL		SALIN		DF	FO	1.00			2500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW27

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 DIRECT SALIN AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- |  |                                   |                       |                              |                               |                |
|--|-----------------------------------|-----------------------|------------------------------|-------------------------------|----------------|
| 1. <b>PT</b>   | <b>SIDE OF COURSE</b>             | <b>OUTBOUND</b>       | <b>FT WITHIN</b>             | <b>MILES OF</b>               | (IAF)          |
| 2. HOLD E IMAVE, RT, 274.45 INBOUND, 2500 IN LIEU OF PT (IAF), MAX 6000. |                                   |                       |                              |                               |                |
| 3. <b>FAC:</b> 274.38  | <b>FAF:</b> BLLDG                 |                       | <b>DIST FAF TO MAP:</b> 5.17 | <b>DIST FAF TO THLD:</b> 5.17 |                |
| 4. <b>MIN ALT:</b> IMAVE 2500, BLLDG 2500, FEXUK/1.60 NM TO RW27 1360    |                                   |                       |                              |                               |                |
| 5. <b>DIST TO THLD FROM OM:</b>  | <b>MM:</b>                        | <b>IM:</b>            | <b>150 HAT:</b>              | <b>200 HAT:</b> 0.50          | <b>GS ANT:</b> |
| 6. <b>MIN GP INCPT:</b> 2500   | <b>GP ALT AT PFAF:</b> BLLDG 2500 |                       |                              | <b>OM:</b>                    | <b>MM:</b>     |
| 7. <b>GP ANGLE:</b> 3.00   | <b>34:1:</b> IS CLEAR             | <b>20:1:</b> IS CLEAR | <b>TCH:</b> 39.9             |                               | <b>IM:</b>     |
| 8. <b>MSA FROM:</b>  |                                   |                       |                              |                               |                |

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8°C OR ABOVE 54°C.  
 CHART NOTE: CIRCLING TO RWY 2, 20 NA AT NIGHT.  
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WDR ALTIMETER SETTING: INCREASE LPV DA TO 1069 FEET; INCREASE LNAV/VNAV DA TO 1121 FEET; INCREASE ALL MDAS 60 FEET AND INCREASE LNAV CAT C, D VISIBILITY 1/4 SM AND CIRCLING CAT D VISIBILITY 1/4 SM.  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WDR ALTIMETER SETTING.  
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV ALL CATS.

**ADDITIONAL FLIGHT DATA:**

HOLD W, RT, 094.19 INBOUND.  
 CHART FAS OBST: 903 POLE (13-022672) 335709N/0831804W.  
 CHART VDP AT 0.95 NM TO RW27.  
 WAAS CHANNEL # 69503  
 REFERENCE PATH ID: W27A  
 LTP HAE: 218.5 M

**MINIMUMS:**

**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT**

**ALTERNATE:** NA  STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS
LPV DA	1012	3/4	200	1012	3/4	200	1012	3/4	200	1012	3/4	200			
LNAV/VNAV DA	1064	3/4	252	1064	3/4	252	1064	3/4	252	1064	3/4	252			
LNAV MDA	1160	3/4	348	1160	3/4	348	1160	3/4	348	1160	3/4	348			
CIRCLING	1260	1	448	1280	1	468	1320	1 1/2	508	1460	2	648			



**CHANGES - REASONS**

1. TERMINAL ROUTES: CA LEG REMOVED RNP 1.00 - NOT REQUIRED.
2. NOTES: CHANGED FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -9°C OR ABOVE 54°C" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8°C OR ABOVE 54°C" - INCORRECT VALUE PUT ON LAST AMENDMENT.
3. NOTES: CHANGED FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WDR ALTIMETER SETTING: INCREASE LPV DA TO 1071 FEET; INCREASE LNAV/VNAV DA TO 1121 FEET; INCREASE ALL MDA 60 FEET AND INCREASE LNAV CAT C,D VISIBILITY TO 1 MILE AND CIRCLING CAT D VISIBILITY TO 2 1/4 MILE" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WDR ALTIMETER SETTING: INCREASE LPV DA TO 1069 FEET; INCREASE LNAV/VNAV DA TO 1121 FEET; INCREASE ALL MDAS 60 FEET AND INCREASE LNAV CAT C, D VISIBILITY 1/4 SM AND CIRCLING CAT D VISIBILITY 1/4 SM" - PER 8260.19K 8-6-10.
4. NOTES: REMOVED "CHART NOTE: FOR INOPERATIVE ALS WHEN USING WDR ALTIMETER SETTING INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 MILE, INCREASE LNAV CAT C,D VISIBILITY TO 1 1/8 MILE" - NO LONGER REQUIRED.
5. NOTES: CHANGED FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE, INCREASE LNAV CAT C/D VISIBILITY TO 1 MILE" TO "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV ALL CATS" - IAW 8260.19K 8-6-12.O.
6. NOTES: ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19K.
7. NOTES: CHANGED ALL REFERENCES OF "WINDER" ALTIMETER TO "WDR" ALTIMETER - IAW 8260.19K.
8. NOTES: CHANGED FROM "CHART VDP AT 0.96 MILES TO RW27\*" TO "CHART VDP AT 0.95 MILES TO RW27" - ASTERISK NO LONGER REQUIRED AND VALUE CHANGED WAS NOT UPDATED ON PREVIOUS AMDT
9. NOTES: REMOVED "LNAV ONLY" - NO LONGER REQUIRED.
10. ADDITIONAL FLIGHT DATA: ADDED "CHART FAS OBST: 903 POLE (13-022672) 335709N/0831804W" - IAW 8260.19K 8-6-11.C.
11. CRC REMAINDER CHANGED FROM "08284695" TO "CDCE598B" - FPAF LAT/LONG CHANGED FROM "335655.2300N/0832051.9785W" TO "335655.2325N/0832051.9790W"

**COORDINATED WITH:**

**A4A**  
  **ALPA**  
  **AOPA**  
  **APA**  
  **HAI**  
  **NBAA**  
 **OTHER:** ZTL, ATL APP CON, AHN ATCT, AMGR

**FLIGHT CHECKED BY**

**OFFICE**

**DATE**

**DEVELOPED BY**

**OFFICE**

**DATE**

BRITNEY ARMENTROUT

AJV-A422

11/20/2025

**APPROVED BY**

**OFFICE**

**DATE**

**TITLE**

RAKE MCGRAW

AJV-A422

MANAGER



AIRPORT ID  
AHN

PROCEDURE NAME  
RNAV (GPS) RWY 27

ORIGINAL/AMENDMENT  
1C

CITY  
ATHENS

STATE  
GA

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAHN
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	335657.8535N
LTP/FTP LONGITUDE	0831904.9205W
LTP/FTP ELLIPSOIDAL HEIGHT	+02185
FPAP LATITUDE	335655.2325N
FPAP LONGITUDE	0832051.9790W
THRESHOLD CROSSING HEIGHT (TCH)	00039.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0888
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER CDCE598B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02475
FPAP ORTHOMETRIC HEIGHT	+02475



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> AHN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 1C	<u>CITY</u> ATHENS	<u>STATE</u> GA	<u>AIRPORT ELEVATION</u> 812	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**STRAIGHT-IN AREA**

<b>FROM</b> 204/30 CW 344/30	<b>TO</b> IMAVE
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (13-002074)	341905.84N/0825650.20W	1294	250	50	4D	1000				AT206	2500
TERRAIN	341848.00N/0825648.00W	826 (800)								AS1500	2300

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

**LEFT BASE AREA**

<b>FROM</b> 344/30 CW 094/30	<b>TO</b> KADME
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (13-000230)	334922.42N/0833746.61W	1472	250	50	4D	1000					2500
TERRAIN	334924.00N/0833748.00W	997 (1000)								AS1500	2500

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**



**AIRPORT ID**  
AHN

**PROCEDURE NAME**  
RNAV (GPS) RWY 27

**AMDT NO.**  
1C

**CITY**  
ATHENS

**STATE**  
GA

**AIRPORT ELEVATION**  
812

**FACILITY**  
RNAV

**RIGHT BASE AREA**

**FROM**  
094/30 CW 204/30

**TO**  
JOMAP

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (13-001521)	341228.00N/0833748.00W	1470	50	20	2C	2000				AT830	4300
TERRAIN	342145.00N/0832657.00W	1076 (1100)								AS1500	2600

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**INITIAL**

**FROM**  
JOMAP

**TO**  
IMAVE

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS  
1.00                      5.00

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (13-000394)	335539.00N/0830447.00W	1015	250	50	4D	1000				AT485	2500
TERRAIN	335618.00N/0830424.00W	738 (700)								AS1500	2200

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**



**AIRPORT ID**  
AHN

**PROCEDURE NAME**  
RNAV (GPS) RWY 27

**AMDT NO.**  
1C

**CITY**  
ATHENS

**STATE**  
GA

**AIRPORT ELEVATION**  
812

**FACILITY**  
RNAV

**INITIAL**

**FROM**  
KADME

**TO**  
IMAVE

**RNP**  
1.00

**DISTANCE**  
5.00

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (13-001840)	335240.00N/0830514.00W	1027	500	125	5E	1000				AT473	2500
TERRAIN	335354.00N/0830630.00W	777 (800)								AS1500	2300

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM**  
IMAVE (IF/IAF)

**TO**  
BLLDG

**RNP**  
1.00

**DISTANCE**  
6.03

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (13-000394)	335539.00N/0830447.00W	1015	250	50	4D	500				AT985	2500
TERRAIN	335812.00N/0831233.00W	751 (800)								AS1500	2300

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



AIRPORT ID  
AHN

PROCEDURE NAME  
RNAV (GPS) RWY 27

AMDT NO.  
1C

CITY  
ATHENS

STATE  
GA

AIRPORT ELEVATION  
812

FACILITY  
RNAV

**FINAL: LPV**

**FROM**  
BLLDG

**TO**  
RW27

RNP  
0.30

DISTANCE  
5.17

PAT

MAP  
DA

HAT  
200

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				1012

**COMPUTATIONS**

ALT   KLAS   KTAS   HAA   VKTW   TR   BA   DTA   COURSE CHANGE   DVEB   VEB OCS   RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**FINAL: LNAV/VNAV**

**FROM**  
BLLDG

**TO**  
RW27

RNP  
0.30

DISTANCE  
5.17

PAT

MAP  
DA

HAT  
252

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
POLE (13-022672)	335708.73N/0831803.74W	903	20	3	1A	161					1064

**COMPUTATIONS**

ALT   KLAS   KTAS   HAA   VKTW   TR   BA   DTA   COURSE CHANGE   DVEB   VEB OCS   RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**FINAL: LNAV**

**FROM**  
BLLDG

**TO**  
FEXUK/1.60 NM TO RW27

RNP  
0.30

DISTANCE  
3.57

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	335645.00N/0831451.00W	1004	215	8	4B	250				RA60 DG46	1360

**COMPUTATIONS**

ALT   KLAS   KTAS   HAA   VKTW   TR   BA   DTA   COURSE CHANGE   DVEB   VEB OCS   RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**



**AIRPORT ID**  
AHN

**PROCEDURE NAME**  
RNAV (GPS) RWY 27

**AMDT NO.**  
1C

**CITY**  
ATHENS

**STATE**  
GA

**AIRPORT ELEVATION**  
812

**FACILITY**  
RNAV

**FINAL: LNAV STEPDOWN**

**FROM**  
FEXUK/1.60 NM TO RW27

**TO**  
RW27

**RNP**  
0.30

**DISTANCE**  
1.60

**PAT**

**MAP**  
RW27

**HAT**  
348

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
POLE (13-022672)	335708.73N/0831803.74W	903	20	3	1A	250					1160

**COMPUTATIONS**

**ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**HOLD-IN-LIEU OF PT**

**FROM**  
IMAVE

**TO**  
P-5

**RNP**

**DISTANCE**

**PAT**  
P-5

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (13-000394)	335539.00N/0830447.00W	1015	250	50	4D	1000				AT485	2500
TERRAIN	335354.00N/0830630.00W	777 (800)								AS1500	2300

**COMPUTATIONS**

**ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
AHN

**PROCEDURE NAME**  
RNAV (GPS) RWY 27

**AMDT NO.**  
1C

**CITY**  
ATHENS

**STATE**  
GA

**AIRPORT ELEVATION**  
812

**FACILITY**  
RNAV

**MISSED APPROACH: LPV**

**FROM**  
DA **TO**  
SALIN

**RNP** 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
847

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2500
TOWER (13-001054)	335803.00N/0832658.00W	1145	500	125	5E	1000					2200
TERRAIN	335742.00N/0833336.00W	869 (900)								AS1500	2400

**COMPUTATIONS**

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV/VNAV**

**FROM**  
DA **TO**  
SALIN

**RNP** 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**  
903

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2500
TOWER (13-001054)	335803.00N/0832658.00W	1145	500	125	5E	1000					2200
TERRAIN	335742.00N/0833336.00W	869 (900)								AS1500	2400

**COMPUTATIONS**

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**





**AIRPORT ID**  
AHN

**PROCEDURE NAME**  
RNAV (GPS) RWY 27

**AMDT NO.**  
1C

**CITY**  
ATHENS

**STATE**  
GA

**AIRPORT ELEVATION**  
812

**FACILITY**  
RNAV

AHN TOWER, ZTL ARTCC, ATL APP CON

<b>WX SERVICE</b> ASOS	<b>LOCATION</b> AHN	<b>HRS OPERATION</b> 24	<b>ALTIMETER SOURCE</b> AHN	<b>DISTANCE</b>	<b>WMSCR</b> Y	<b>ADJUSTMENTS</b> 0
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<b>BACK-UP WX SERVICE</b> AWOS-3	<b>LOCATION</b> WDR	<b>HRS OPERATION</b> 24	<b>ALTIMETER SOURCE</b> WDR	<b>DISTANCE</b> 17.11	<b>WMSCR</b> Y	<b>ADJUSTMENTS</b> 57
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**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
KAHN 812, KWDR 934  
RA = 56.6.

<b>PRIMARY NAVAID</b>	<b>MONITOR POINT</b>	<b>HRS OPERATION</b>	<b>CAT</b>
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<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW02 - MIRL, VASI-4L	NPI-G	
RW09 - HIRL (PCL), PAPI-4L (PCL)	NPI-G	
RW20 - MIRL, PAPI-4L (PCL)	NPI-G	
RW27 - MALSF (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-G	

<b>GLIDESLOPE ANGLE</b> 3.00	<b>ELEV RWY THRESHOLD</b> 811.9	<b>TCH</b> 39.9	<b>ELEV GS ANTENNA</b>	<b>DISTANCE FROM RWY</b>	<b>VGSI ANGLE</b> 3.00	<b>TCH</b> 44.1
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**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

**CRITICAL TEMPERATURES**

<b>CRITICAL LOW</b> -8C	<b>CRITICAL HIGH</b> +54C	<b>ACT</b> -8C	<b>APT ISA</b> +13.39C
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**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2010-2014).  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 966 HIGH TEMP 1274.

**"VISUAL PORTION OF FINAL" PENETRATIONS**

FINAL TYPE	CIRCLING RWY 2
20:1	
879 TREE (13-039191) 335617.3200N/0831934.7900W (28.78)	868 TREE (13-039318) 335618.2200N/0831934.0900W (23.08)
832 TREE (13-038937) 335625.5900N/0831934.3800W (21.47)	832 TREE (13-038956) 335626.3100N/0831936.8200W (21.22)
858 TREE (13-039307) 335619.6100N/0831934.1500W (19.56)	866 TREE (13-039321) 335617.3800N/0831932.5100W (19.47)
865 TREE (13-098076) 335617.7800N/0831935.8700W (15.34)	860 TREE (13-098073) 335618.5900N/0831935.2100W (15.15)

QUALITY  
39  
CHECKED

<u>AIRPORT ID</u> AHN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 1C	<u>CITY</u> ATHENS	<u>STATE</u> GA	<u>AIRPORT ELEVATION</u> 812	<u>FACILITY</u> RNAV
845 TREE (13-039366) 335622.6200N/0831938.6500W (14.05)			860 TREE (13-039322) 335618.6500N/0831936.7400W (13.15)			
862 TREE (13-039327) 335616.5700N/0831932.1600W (12.17)			834 TREE (13-038835) 335624.1900N/0831937.8100W (11.73)			
880 TREE (13-039149) 335613.0800N/0831933.7400W (11.31)			839 TREE (13-038847) 335622.7100N/0831937.3500W (10.42)			
836 TREE (13-038842) 335622.7300N/0831935.4300W (10.38)			830 TREE (13-038834) 335623.9200N/0831936.2900W (8.72)			
870 TREE (13-039110) 335615.1000N/0831935.6700W (7.97)			859 TREE (13-039197) 335617.4900N/0831937.2000W (5.98)			
839 TREE (13-039369) 335620.3100N/0831932.7800W (5.91)			855 TREE (13-023205) 335617.6300N/0831935.0600W (5.84)			
808 POLE (13-039065) 335625.8700N/0831929.7300W (5.74)			860 TREE (13-039199) 335615.8000N/0831932.8000W (5.57)			
856 TREE (13-097876) 335616.9100N/0831933.7600W (5.38)			838 TREE (13-039368) 335620.6600N/0831933.6000W (5.34)			
825 TREE (13-023204) 335623.0700N/0831932.5900W (5.24)			853 TREE (13-039325) 335618.8900N/0831938.4600W (4.71)			
846 TREE (13-039313) 335619.7200N/0831936.6300W (4.37)			839 TREE (13-039371) 335621.8500N/0831939.0900W (3.75)			
859 TREE (13-039200) 335616.0900N/0831934.9000W (2.8)			856 TREE (13-039198) 335617.6000N/0831938.2300W (1.96)			
861 TREE (13-039204) 335615.9000N/0831936.4700W (1.56)						
FINAL TYPE	CIRCLING RWY 20					
20:1						
872 TREE (13-039116) 335722.0600N/0831908.6600W (19.1)			873 TREE (13-038916) 335722.7800N/0831908.9600W (17.14)			
866 TREE (13-039153) 335721.9900N/0831910.6500W (16.4)			870 TREE (13-038917) 335723.3600N/0831910.8600W (14.24)			
875 TREE (13-038975) 335724.7200N/0831909.2800W (10.46)			872 TREE (13-038881) 335723.8100N/0831908.1500W (10.07)			
859 TREE (13-023500) 335722.0300N/0831909.2400W (7.11)			865 TREE (13-038888) 335723.6100N/0831910.0700W (6.88)			
859 TREE (13-023253) 335723.4200N/0831911.2100W (3.48)			866 TREE (13-038974) 335723.6100N/0831905.6000W (1.2)			
<b>PENETRATIONS REMARKS:</b>						

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

DECLARATION OF EXCLUSION: THE FAA HAS REVIEWED THE ABOVE REFERENCED PROPOSED ACTION AND IT HAS BEEN DETERMINED, BY THE UNDERSIGNED, TO BE CATEGORICALLY EXCLUDED FROM FURTHER ENVIRONMENTAL DOCUMENTATION ACCORDING TO FAA ORDER 1050.1F, "ENVIRONMENTAL IMPACTS: POLICIES AND PROCEDURES." THE IMPLEMENTATION OF THIS ACTION WILL NOT RESULT IN ANY EXTRAORDINARY CIRCUMSTANCES IN ACCORDANCE WITH FAA ORDER 1050.1F. 100' VEGETATION USED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID  
AHN

PROCEDURE NAME  
RNAV (GPS) RWY 27

AMDT NO.  
1C

CITY  
ATHENS

STATE  
GA

AIRPORT ELEVATION  
812

FACILITY  
RNAV

**PART D: AIRSPACE**

**DOCKET #**

**ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE**

<b>DISTANCE FROM</b>	THLD	<b>TO 1000FT POINT</b>	2.98
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1000FT POINT</b>	1.20
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	268.38
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	800
<b>DISTANCE FROM</b>	THLD	<b>TO 1500FT POINT</b>	4.77
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1500FT POINT</b>	1.76
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	268.38
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	800

<b>THRESHOLD COORDINATES (IF STR-IN)</b>	335657.85N/0831904.92W
<b>ARP COORDINATES</b>	335655.11N/0831933.29W
<b>RUNWAY APCH END AND DIST FURTHEST FROM ARP</b>	RUNWAY 9 DISTANCE 0.61 NM
<b>FAF COORDINATES</b>	335706.82N/0831251.92W
<b>FIX NAME COORDINATES</b>	

**REMARKS**

TAA: KADME (IAF) 335237.30N-0830324.97W; JOMAP (IAF) 340201.92N-0830343.08W  
IMAVE (IF/IAF) 335716.85N-0830537.32W RADIUS: 30 NM

**PART E: PREPARED BY**

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
BRITNEY ARMENTROUT	AJV-A422	11/20/2025	AERONAUTICAL INFORMATION SPECIALIST

