

**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><u>AIRPORT</u></b> ATHENS/BEN EPPS	<b><u>AIRPORT ID</u></b> KAHN	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 9	<b><u>ORIGINAL/AMENDMENT</u></b> 2	<b><u>CITY</u></b> ATHENS	<b><u>STATE</u></b> GA
<b><u>AIRPORT ELEVATION</u></b> 813	<b><u>TDZE</u></b> 778	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 9	<b><u>ORIGINAL/AMENDMENT</u></b> 1	<b><u>DATED</u></b> 10/15/2015	<b><u>MAG VAR</u></b> 6W
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 19 JULY 2018	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL SUSPEND</u></b>	<b><u>EPOCH YEAR</u></b> 2020

**TAA**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>ALTITUDE</u></b>
1. 164/30 CW 274/30		JODAS	IAF	4800
2. 274/30 CW 024/30		HEKVA	IAF	2500
3. 024/30 CW 164/30	NOPT	024/5 CW 164/5		4700
4. 024/5 CW 164/5		SALIN	IF/IAF	2500

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
JODAS	IAF	SALIN	NOPT	TF	FB	1.00	164.17	6.00	2500
HEKVA	IAF	SALIN	NOPT	TF	FB	1.00	024.17	6.00	2500
SALIN	IF/IAF	APDAW		TF	FB	1.00	094.19	6.06	2400
APDAW	FAF	OTKAE/2.30 NM TO RW09		TF	FB	0.30	094.25	2.74	
OTKAE/2.30 NM TO RW09		RW09	MAP	TF	FO	0.30	094.25	2.30	
RW09	MAP	1028 MSL		CA					
1028 MSL		IMAVE		DF	FO	1.00			2500



**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW09

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 DIRECT IMAVE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

<b>1. PT</b>	<b>SIDE OF COURSE</b>	<b>OUTBOUND</b>	<b>FT WITHIN</b>	<b>MILES OF (IAF)</b>			
2. HOLD W SALIN, RT, 094.19 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.							
<b>3. FAC:</b>	094.25	<b>FAF:</b> APDAW	<b>DIST FAF TO MAP:</b> 5.04	<b>DIST FAF TO THLD:</b> 5.04			
4. <b>MIN ALT:</b> SALIN 2500, APDAW 2400, OTKAE/2.30 NM TO RW09 1520*							
<b>5. DIST TO THLD FROM OM:</b>		<b>MM:</b>	<b>IM:</b>	<b>150 HAT:</b>	<b>250 HAT:</b> 0.66		
<b>6. MIN GP INCPT:</b> 2400		<b>GP ALT AT FAF :</b> APDAW 2400		<b>OM:</b>		<b>MM:</b>	<b>IM:</b>
<b>7. GP ANGLE:</b> 3.00	<b>34:1:</b> IS NOT CLEAR	<b>20:1:</b> IS CLEAR	<b>TCH:</b> 39.2				
<b>8. MSA FROM:</b>							

**PBN EQUIPMENT REQUIREMENTS NOTES**

RNP APCH.

**NOTES:**

CHART NOTE: CIRCLING RWY 2, 20 NA AT NIGHT.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8C OR ABOVE 54C.  
CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON.  
CHART VDP AT 1.33 NM TO RW09\*  
\*LNAV ONLY  
WAAS CHANNEL #93937  
REFERENCE PATH ID: W09A  
CHART FAS OBST: 952 TWR 335727N/0832252W.  
HOLD E, RT, 274.45 INBOUND  
LTP HAE: 201.1 M

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ STANDARD



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	HAT/HAA
LPV DA	1028	3/4	250	1028	3/4	250	1028	3/4	250	1028	3/4	250			
LNAV/VNAV DA	1115	1	337	1115	1	337	1115	1	337	1115	1	337			
LNAV MDA	1220	1	442	1220	1	442	1220	1 3/8	442	1220	1 3/8	442			
CIRCLING	1260	1	447	1280	1	467	1320	1 1/2	507	1460	2	647			

**CHANGES - REASONS**

1. CHANGED MISSED APPROACH FROM: CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 2500 DIRECT SALIN AND HOLD, TO: CLIMB TO 2500 DIRECT IMAVE AND HOLD - AMENDMENT 1 MISSED APPROACH WAS NOT FLIGHT INSPECTED AS DEVELOPED. FLIGHT INSPECTION MAPS DEPICT A CLIMB TO 1700 THEN A CLIMBING RIGHT TURN TO 2500 DIRECT SALIN AND HOLD. PROCEDURE ARINC CODING AND FAA FORM 8260-3 INCORRECTLY DOCUMENTS A CLIMB TO 1700 THEN A CLIMBING LEFT TURN TO 2500 DIRECT SALIN AND HOLD. MISSED APPROACH CHANGED TO CLIMB TO 2500 DIRECT IMAVE AND HOLD-ATC REQUEST.
2. MOVED \*LNAV ONLY FROM NOTES TO ADDITIONAL FLIGHT DATA - CORRECT DOCUMENTATION ERROR.
3. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND REPLACED IT WITH PBN REQUIREMENTS NOTE: RNP APCH - 8260.19H, PARA 8-6-8 NOTE REQUIREMENT.
4. ADDED 20:1 IS CLEAR IN LINE 7- CRITERIA, REQUIRED NOTE.
5. CHART NOTE CHANGED FROM "NIGHT LANDING: RWY 2, 20 NA" TO "CIRCLING RWY 2, 20 NA AT NIGHT" - CRITERIA, NEW NOTE FORMAT.
6. REMOVED DEGREES FAHRENHEIT FROM BARO-VNAV NOTE - CRITERIA, NOT REQUIRED FOR PROCEDURE.
7. REMOVED "NA WHEN LOCAL WEATHER NOT AVAILABLE" FROM ALTERNATE MINIMUMS - KAHN ASOS REPORTS TO WMSCR.
8. CHANGED DISTANCE FROM JONAS TO SALIN FROM 5 TO 6 MILES-MOVED JODAS 1 NM NORTHWEST, RETAINED WP NAME PER ATC REQUEST CRITERIA, MINIMUM TERMINAL ROUTE SEGMENT LENGTH REQUIREMENT.
9. CHANGED DISTANCE FROM HEVKA TO SALIN FROM 5 TO 6 MILES-MOVED HEVKA 1 NM SOUTHWEST, RETAINED WP NAME PER ATC REQUEST CRITERIA, MINIMUM TERMINAL ROUTE SEGMENT LENGTH REQUIREMENT.
10. LOWERED LPV DA VISIBILITY FROM 7/8 TO 3/4 MILE. LNAV/VNAV DA VISIBILITY LOWERED FROM 1 1/4 TO 1 - NEW TERPS TABLE 3-3-6 VISIBILITY REQUIREMENTS.
11. MOVED CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WINDER ALTIMETER SETTING TO PART C REMARKS -CRITERIA, NEW DOCUMENTATION REQUIREMENTS.
12. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINDER ALTIMETER SETTING: INCREASE LPV DA TO 1086 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE LNAV/VNAV DA TO 1173 AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET AND CIRCLING CAT D VISIBILITY 1/4 SM TO PART C REMARKS - CRITERIA, NEW DOCUMENTATION REQUIREMENTS.
13. VDP DISTANCE CHANGED FROM 1.34 TO 1.33-NEW CALCULATED DISTANCE.
14. CHANGED BARO-VNAV LOW TEMP FROM -9C TO -8C - NEW LOW TEMP BASED ON 2013-2017 NOAA WEATHER DATA AND AFS-400 CALCULATOR.
15. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - NEW TERPS CHANGE 21 CRITERIA.

## PDF EDITS:

- 9, REMOVED EXTRA "AC50" FROM CIRCLING CAT D ADJUSTMENT.
- 9, REMOVED "ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED" FROM NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS.
- 9, CHANGED AVERAGE COLD TEMPERATURE DERIVED REMARK FROM "-23C ISA DEVIATION" TO "5-YEAR HISTORY"
- 9, CHANGED "MAP" TO "ARP" IN AIRSPACE.

QUALITY  
20  
CHECKED

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZTL, A80, KAHN ATCT, ARPT MGR

FLIGHT CHECKED BY

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APPROVED BY

GEORGE DAVIS

OFFICE

FICO

OFFICE

AJV-5412

OFFICE

AJV-5410

DATE

06/05/2018

DATE

11/20/2017

DATE

Digitally signed by

ALLAN WILL

Jun 08, 2018

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ALLAN WILL

Jun 08, 2018

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ALLAN WILL

Jun 08, 2018



**FAS DATA BLOCK INFORMATION**

<b><u>DATA FIELD</u></b>	<b><u>DATA</u></b>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAHN
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	335656.0770N
LTP/FTP LONGITUDE	0832017.5540W
LTP/FTP ELLIPSOIDAL HEIGHT	+02011
FPAP LATITUDE	335658.6970N
FPAP LONGITUDE	0831830.4950W
THRESHOLD CROSSING HEIGHT (TCH)	00039.2
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)	50.0

CRC REMAINDER	4F90CFB4
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02302
FPAP ORTHOMETRIC HEIGHT	+02302

