

**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.

<u>AIRPORT ID</u> AUO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> AUBURN	<u>STATE</u> AL
<u>AIRPORT ELEVATION</u> 777	<u>TDZE</u> 775	<u>SUPERSEDED</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 02/02/2017
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 AUGUST 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 4W
				<u>EPOCH YEAR</u> 2015
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 021/30 CW 201/30	NOPT	021/8 CW 201/8		2900
2. 021/8 CW 201/8		TOBSE	IF/IAF	2500
3. 201/30 CW 021/30		201/8 CW 021/8		2900
4. 201/8 CW 021/8		TOBSE	IF/IAF	2500

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TOBSE	IF/IAF	SICOL		TF	FB	1.00	111.19	6.84	2400
SICOL	FAF	PECIS/2.50 NM TO RW11		TF	FB	0.30	111.26	2.46	
PECIS/2.50 NM TO RW11		RW11	MAP	TF	FO	0.30	111.26	2.50	
RW11	MAP	1300 MSL		CA			111.26		1300
1300 MSL		HESEL		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HESEL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD W TOBSE, RT, 111.19 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	111.26	FAF:	SICOL	DIST FAF TO MAP:	4.96	DIST FAF TO THLD:	4.96							
4.	MIN ALT:	TOBSE 2500, SICOL 2400, PECIS/2.50 NM TO RW11 1600													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.64	GS ANT:				
6.	MIN GP INCPT:	2400	GP ALT AT PFAF:	SICOL 2400					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	45.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CSG ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: CIRCLING RWY 29 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CSG ALTIMETER SETTING: INCREASE LPV DA TO 1139 FEET; INCREASE LNAV/VNAV DA TO 1334 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CATS C/D 1/4 SM AND CIRCLING CAT C/D VISIBILITY 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 005.03 INBOUND.
CHART FAS OBST: 913 TOWER (01-071139) 323700N/0852742W.
CHART VDP AT 1.25 NM TO RW11.
WAAS CHANNEL # 63139
REFERENCE PATH ID: W11A
CHART CIRCLING ICON.
LTP HAE: 207.7 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	HAT/HAA
LPV DA	1025	1	250	1025	1	250	1025	1	250	1025	1	250			
LNAV/VNAV DA	1220	1 3/8	445	1220	1 3/8	445	1220	1 3/8	445	1220	1 3/8	445			
LNAV MDA	1220	1	445	1220	1	445	1220	1 3/8	445	1220	1 3/8	445			
CIRCLING	1280	1	503	1360	1	583	1380	1 3/4	603	1440	2	663			



CHANGES - REASONS

1. CHANGED CA SEGMENT AND MISSED APPROACH ALTITUDE FROM “1200” TO “1300” – MITIGATED MA SECTION 2 TURN ALTITUDE FAILURE.
2. PROFILE LINE 2: ADDED “MAX 6000” – IAW 8260.19J, 8-6-7(2)B.
3. PROFILE LINE 4: REMOVED “*” – CURRENT DOCUMENTATION STANDARDS.
4. PROFILE LINE 7: ADDED “20:1 IS CLEAR” – PENETRATIONS DO NOT EXIST.
5. PBN REQUIREMENTS: ADDED “RNP APCH – GPS”, REMOVED “CHART NOTE: DME/DME RNP-0.3 NA” – IAW 8260.19J, 8-6-8(5)A(1).
6. NOTES: CHANGED “CHART NOTE: BARO-VNAV AND VDP NA WHEN USING COLUMBUS ALTIMETER SETTING” TO “CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CSG ALTIMETER SETTING” – CURRENT DOCUMENTATION STANDARDS.
7. NOTES: CHANGED “CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F)” TO “CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C” – CURRENT DOCUMENTATION STANDARDS.
8. NOTES: CHANGED “CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBUS ALTIMETER SETTING: INCREASE LPV DA TO 1138 FEET AND VISIBILITY ALL CATS 1/4 SM; INCREASE LNAV/VNAV DA TO 1173 FEET AND VISIBILITY ALL CATS 3/8 SM; INCREASE ALL MDA 120 FEET AND LNAV CATS C/D AND CIRCLING CAT C VISIBILITY 1/4 SM AND CIRCLING CAT D VISIBILITY 1/2 SM” TO “CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CSG ALTIMETER SETTING: INCREASE LPV DA TO 1139 FEET; INCREASE LNAV/VNAV DA TO 1334 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CATS C/D 1/4 SM, AND CIRCLING CAT C/D VISIBILITIES 1/2 SM” – NEW OBSTACLE EVALUATION.
9. NOTES: ADDED “CIRCLING RWY 29 NA AT NIGHT” - NO SURVEY, 20:1 PENETRATIONS ASSUMED.
10. ADDITIONAL FLIGHT DATA: CHANGED “CHART FAS OBST: 879 TREES 323722N/0852710W” TO “CHART FAS OBST: 913 TOWER (01-071139) 323700N/0852742W” – NEW CONTROLLING OBSTACLE, CANCELS FDC NOTAM 4/6434.
11. ADDITIONAL FLIGHT DATA: CHANGED “CHART VDP AT 1.06 NM TO RW11*” TO “CHART VDP AT 1.25 NM TO RW11”, REMOVED “*” – RAISED LNAV MDA, CURRENT DOCUMENTATION STANDARDS.
12. ADDITIONAL FLIGHT DATA: REMOVED “*LNAV ONLY” – CURRENT DOCUMENTATION STANDARDS.
13. ADDITIONAL FLIGHT DATA: MOVED “DISTANCE TO THLD FROM 250 HAT: 0.64 NM” TO PROFILE LINE 5 – CURRENT DOCUMENTATION STANDARDS.
14. ALTERNATE MINIMUMS: CHANGED FROM “STANDARD - CAT D 800-2 ¼” TO “STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE” - PRIMARY ALTIMETER NOW OPERATIONAL 24 HOURS.
15. MINIMUMS: RAISED LNAV/VNAV DA/HAT FROM “1060/285” TO “1220/445”, VISIBILITY FROM “1” TO 1 3/8” – NEW CONTROLLING OBSTACLE, REQUIRED PER VISIBILITY TABLE. CANCELS FDC NOTAM 4/6434.
16. MINIMUMS: RAISED LNAV MDA/HAT FROM “1160/385” TO “1220/445”, CAT C/D VISIBILITY FROM “1 1/8” TO “1 3/8” - NEW CONTROLLING OBSTACLE, REQUIRED PER VISIBILITY TABLE. CANCELS FDC NOTAM 4/6434.
17. MINIMUMS: LOWERED CIRCLING CAT D CMDA/HAA FROM “1480/703” TO “1440/663”, VISIBILITY FROM “2 1/4 SM” TO “2 SM” – MATCH ILS OR LOC RWY 36 MINIMUMS, 1440 CMDA PREVIOUSLY FLIGHT CHECKED.
18. FAS DATA: CHANGED FPAP LAT/LONG FROM “323643.9175N/ 0852433.7575W” TO “323643.9180N/ 0852433.7570W” – UPDATED AIRNAV INCORPORATED.
19. FAS DATA: CHANGED CRC REMAINDER FROM “3DBE463B” TO “A79E986A” – FPAP LAT/LONG CHANGED.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

☒

OTHER: ZTL, ATL APP CON, APT MGR

FLIGHT CHECKED BY

JEFFREY ECKMAN

Digitally signed by

CASIMIR L TABAKA

May 21, 2025

OFFICE

AJF

DATE

05/15/2025

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

CASIMIR L TABAKA

May 21, 2025

OFFICE

AJV-A432

DATE

03/11/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

May 21, 2025

OFFICE

AJV-A432

DATE

TITLE

MANAGER



AIRPORT ID
AUO

PROCEDURE NAME
RNAV (GPS) RWY 11

ORIGINAL/AMENDMENT
3

CITY
AUBURN

STATE
AL

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAUO
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	323710.4915N
LTP/FTP LONGITUDE	0852614.4645W
LTP/FTP ELLIPSOIDAL HEIGHT	+02077
FPAP LATITUDE	323643.9180N
FPAP LONGITUDE	0852433.7570W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	A79E986A
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02362
FPAP ORTHOMETRIC HEIGHT	+02362

