

**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.

AIRPORT ID GWB	PROCEDURE NAME RNAV (GPS) RWY 9	ORIGINAL/AMENDMENT 1	CITY AUBURN	STATE IN
AIRPORT ELEVATION 881	TDZE 880	SUPERSEDED RNAV (GPS) RWY 9	DATED 04/27/2017	MAG VAR 5W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE 10/31/2024	EPOCH YEAR 2000
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TAZCE		PUZRU		TF	FB	1.00	273.18	13.07	3000
FWA VORTAC		GUMUQ		TF	FB	1.00	343.68	15.59	3000
PUZRU	IAF	DOVQU	NOPT	TF	FB	1.00	184.15	5.00	3000
GUMUQ	IAF	DOVQU	NOPT	TF	FB	1.00	004.15	5.00	3000
DOVQU	IF/IAF	KIZFU		TF	FB	1.00	094.15	6.08	2500
KIZFU	FAF	RUDYS/1.50 NM TO RW09		TF	FB	0.30	094.24	3.45	
RUDYS/1.50 NM TO RW09		RW09	MAP	TF	FO	0.30	094.24	1.50	
RW09	MAP	1130 MSL		CA			094.24		
1130 MSL		JUGIG		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JUGIG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD W DOVQU, RT, 094.15 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 094.24 FAF: KIZFU DIST FAF TO MAP: 4.96 DIST FAF TO THLD: 4.96
- MIN ALT: DOVQU 3000, KIZFU 2500, RUDYS/1.50 NM TO RW09 1400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.66 GS ANT: MM: IM:
- MIN GP INCPT: 2500 GP ALT AT PFAF: KIZFU 2500
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 47.5
- MSA FROM: RW09 2700



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TAZCE ON V221 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 285 CW 044.
CHART SPEED ICON IN PLANVIEW AT TAZCE: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT FWA: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT PUZRU: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT GUMUQ: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 274.48 INBOUND.
CHART FAS OBST: 994 TREE (18-078624) 411809N/0850400W.
WAAS CHANNEL # 40201
REFERENCE PATH ID: W09A
CHART CIRCLING ICON.
LTP HAE: 233 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, 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	1130	3/4	250	1130	3/4	250	1130	3/4	250	1130	3/4	250			
LNAV/VNAV DA	1155	7/8	275	1155	7/8	275	1155	7/8	275	1155	7/8	275			
LNAV MDA	1260	1	380	1260	1	380	1260	1	380	1260	1	380			
CIRCLING	1320	1	439	1560	1	679	1720	2 1/2	839	1720	2 3/4	839			



CHANGES - REASONS

1. AIRPORT ELEVATION: UPDATED FROM "880" TO "881" – UPDATED PER PENDING AIRNAV DATA.
2. TERMINAL ROUTES: UPDATED DOVQU TO KIZFU DISTANCE FROM "6.01" TO "6.08" – FAF MOVED TO ESTABLISH 3.00 GPA.
3. TERMINAL ROUTES: ADDED KIZFU TO RUDYS/1.50 NM TO RW09 SEGMENT WITH COURSE 094.24, DISTANCE 3.45, AND ALTITUDE 1400- STEPDOWN FIX RUDYS ADDED PER FPT REQUEST TO MITIGATE OBSTACLES INCREASING CURRENT LNAV MINIMUMS.
4. TERMINAL ROUTES: ADDED RUDYS/1.50 NM TO RW09 TO RW09 SEGMENT WITH COURSE 094.24 AND DISTANCE 1.50 – STEPDOWN FIX RUDYS ADDED PER FPT REQUEST TO MITIGATE OBSTACLES INCREASING CURRENT LNAV MINIMUMS.
5. TERMINAL ROUTES: AMENDED CA LEG FROM "RW09 TO 1182 MSL" TO "RW09 TO 1130 MSL" AND DF LEG FROM "1182 MSL TO JUGIG" TO "1130 MSL TO JUGIG" – BASED ON NEW LPV DA IAW 8260.58C PARA 3-5-2 B.
6. PROFILE LINE 2: ADDED "MAX 6000" – IAW 8260.19J PARA 8-6-7 B(2).
7. PROFILE LINE 3: UPDATED DIST FAF TO MAP/DIST FAF TO THLD FROM "4.91/4.91" TO "4.96/4.96" – FAF MOVED TO ESTABLISH 3.00 GPA.
8. PROFILE LINE 4: UPDATED MINIMUM ALTITUDES FROM "DOVQU 3000, KIZFU 2500" TO "DOVQU 3000, KIZFU 2500, RUDYS/1.50 NM TO RW09 1400" – STEPDOWN FIX RUDYS ADDED PER FPT REQUEST TO MITIGATE OBSTACLES INCREASING CURRENT LNAV MINIMUMS.
9. PROFILE LINE 5: ADDED DIST TO THLD FROM "250 HAT: 0.66" AND DELETED "DIST TO THLD FROM 302 HAT: 079 NM" FROM ADDITIONAL FLIGHT DATA – NEW LPV HAT AND IAW 8260.19J PARA 8-6-7 E.
10. PROFILE LINE 7: UPDATED GP ANGLE FROM "GS ANGLE: 3.04" TO "GP ANGLE: 3.00", ADDED "20:1 IS CLEAR", AND UPDATED TCH FROM "45.1" TO "47.5" – FAF MOVED TO ESTABLISH 3.00 GPA/NEW TCH AND IAW 8260.19J PARA 8-6-7 G(3).
11. DELETED CHART NOTE: "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE: "RNP APCH – GPS" – IAW 8260.19J PARA 8-6-8 D(5)(A)1.
12. UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" – REMOVED FAHRENHEIT VALUES IAW 8260.19J PARA 8-6-10 R.
13. ADDED CHART PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVALS AT TAZCE ON V221 NORTHBOUND" AND AMENDED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 285 CW 335" TO "PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 285 CW 044" – IAW 8260.19J PARA 8-2-5 E(2).
14. ADDED CHART SPEED ICON IN PLANVIEW AT "TAZCE: MAX 210 KIAS", "FWA: MAX 210 KIAS", "PUZRU: MAX 210 KIAS" AND "GUMUQ: MAX 210 KIAS" – SPEED RESTRICTIONS ADDED PER FPT REQUEST TO SUPPORT ATC VECTORS AND MAINTAIN TURNS LESS THAN OR EQUAL TO 90 DEGREES IAW 8260.3E PARA 2-3-1 A(3).
15. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBSTACLE FROM "1013 T-L TWR 411855N/0850847W" TO "994 TREE (18-078624) 411809N/0850400W" – NEW CONTROLLING OBSTACLE.
16. ADDITIONAL FLIGHT DATA: DELETED "1096 AAO 411927N/0851115W" AND MOVED NOTE TO 8260-9 - IAW 8260.19J PARA 8-6-11 E(2).
17. ADDITIONAL FLIGHT DATA: DELETED "CHART VDP AT 1.14 NM TO RW09" AND "LNAV ONLY" NOTES – VDP NOT ESTABLISHED; WITHIN 0.5 NM FROM STEPDOWN FIX.
18. ADDITIONAL FLIGHT DATA: UPDATED LTP HAE FROM "232.2 M" TO "233 M" – PENDING AIRNAV DATA; RUNWAY THRESHOLD MOVEMENT.
19. ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" – IAW 8260.19J PARA 8-6-12 B(4).
20. MINIMUMS: LOWERED LPV DA/HAT FROM "1182/302" TO "1130/250" AND VISIBILITY ALL CATS FROM "1" TO "3/4" – NEW CONTROLLING OBSTACLE AND VISIBILITY VALUES UPDATED IAW 8260.3E TABLE 3-3-1.
21. MINIMUMS: LOWERED LNAV/VNAV DA/HAT FROM "1237/357" TO "1155/275" AND VISIBILITY ALL CATS FROM "1 1/4" TO "7/8" – NEW CONTROLLING OBSTACLE AND VISIBILITY VALUES UPDATED IAW 8260.3E TABLE 3-3-1.
22. MINIMUMS: LOWERED LNAV MDA/HAT FROM "1280/400" TO "1260/380" AND VISIBILITY CAT C FROM "1 1/8" TO "1" AND VISIBILITY CAT D FROM "1 1/4" TO "1" – NEW CONTROLLING OBSTACLE AND VISIBILITY VALUES UPDATED IAW 8260.3E TABLE 3-3-1.
23. MINIMUMS: LOWERED CIRCLING CAT A HAA FROM "440" TO "439", CAT B HAA FROM "680" TO "679" AND CATS C/D HAA FROM "840" TO "839" – NEW AIRPORT ELEVATION.
24. FAS DATA: LTP/FTP LATITUDE/LONGITUDE UPDATED FROM "411825.4915N/0850424.4065W" TO "411825.5750N/0850415.2370W", LTP/FTP ELLIPSOIDAL HEIGHT FROM "+02322" TO "+02330", FPAP LATITUDE/LONGITUDE FROM "411826.5485N/0850226.1875W" TO "411826.6230N/0850217.0175W", THRESHOLD CROSSING HEIGHT (TCH) FROM "00045.1" TO "00047.5", GLIDEPATH ANGLE (GPA) FROM "3.04" TO "3.00", AND LENGTH OFFSET FROM "1224" TO "0800" – PENDING AIRNAV DATA; DISPLACED RUNWAY THRESHOLD, AND NEW GPA/TCH PER FPT.
25. FAS DATA: UPDATED CRC REMAINDER FROM "13A1DFF7" TO "11F8A4BC" – UPDATED LTP/FTP LATITUDE/LONGITUDE, FPAP LATITUDE/LONGITUDE, AND LENGTH OFFSET.

08/02/2024: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/01/2024.

1. REQUIRED EFFECTIVE DATE: CHANGED FROM ROUTINE TO 10/31/2024.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZAU, FWA APP CON, AMGR

FLIGHT CHECKED BY

ROBERT G HAMILTON

OFFICE

DATE

U
M

Aug 05, 2024

DEVELOPED BY

ROBERT G HAMILTON (JILL M. SUPPES)

Digitally signed by

ROBERT G HAMILTON

OFFICE

AJV-A433

DATE

04/01/2024

Aug 05, 2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

OFFICE

AJV-A433

DATE

TITLE
MANAGER

Aug 05, 2024

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KGWB
RW09
0
0
W09A
411825.5750N
0850415.2370W
+02330
411826.6230N
0850217.0175W
00047.5
F
03.00
106.75
0800
40.0
50.0

CRC REMAINDER

11F8A4BC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02662
+02662



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
GWB	RNAV (GPS) RWY 9	1	AUBURN	IN	881	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM TAZCE **TO** PUZRU

RNP DISTANCE PAT MAP HAT HMAS

1.00 13.07

<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 (18-000942)	412354.00N/0851508.00W	1484	500	50	5D	1000				AT516	3000
TERRAIN	412354.00N/0851706.00W	1062 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM FWA VORTAC **TO** GUMUQ

RNP DISTANCE PAT MAP HAT HMAS

1.00 15.59

<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 (18-001993)	411228.00N/0851819.00W	1149	500	50	5D	1000				AT851	3000
TERRAIN	410115.00N/0851145.00W	964 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
GWB

PROCEDURE NAME
RNAV (GPS) RWY 9

AMDT NO.
1

CITY
AUBURN

STATE
IN

AIRPORT ELEVATION
881

FACILITY
RNAV

INITIAL

FROM
PUZRU

TO
DOVQU

RNP
1.00

DISTANCE
5.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	412315.00N/0851751.00W	1254	215	8	4B	1000				AT746	3000
TERRAIN	412251.00N/0851830.00W	1036 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
GUMUQ

TO
DOVQU

RNP
1.00

DISTANCE
5.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	411921.00N/0851848.00W	1195	215	8	4B	1000				AT805	3000
TERRAIN	411930.00N/0852045.00W	994 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:



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GWB

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RNAV (GPS) RWY 9

AMDT NO.
1

CITY
AUBURN

STATE
IN

AIRPORT ELEVATION
881

FACILITY
RNAV

INTERMEDIATE

FROM
DOVQU (IF/IAF)

TO
KIZFU

RNP
1.00

DISTANCE
6.08

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	412148.00N/0851612.00W	1224	215	8	4B	500				AT776	2500
TERRAIN	412009.00N/0851821.00W	1010 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM
KIZFU

TO
RW09

RNP
0.30

DISTANCE
4.96

PAT

MAP
DA

HAT
250

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (18-078692)	411821.07N/0850436.01W	934	20	3	1A		34.00:1				1130

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
GWB

PROCEDURE NAME
RNAV (GPS) RWY 9

AMDT NO.
1

CITY
AUBURN

STATE
IN

AIRPORT ELEVATION
881

FACILITY
RNAV

FINAL: LNAV/VNAV

FROM
KIZFU

TO
RW09

RNP
0.30

DISTANCE
4.96

PAT

MAP
DA

HAT
275

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (18-078624)	411808.83N/0850400.13W	994	20	3	1A	161					1155

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM
KIZFU

TO
RUDYS/1.50 NM TO RW09

RNP
0.30

DISTANCE
3.45

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	411906.00N/0850951.00W	1080	215	8	4B	250				RA60	1400

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
RUDYS/1.50 NM TO RW09

TO
RW09

RNP
0.30

DISTANCE
1.50

PAT

MAP
RW09

HAT
380

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (18-078624)	411808.83N/0850400.13W	994	20	3	1A	250					1260

COMPUTATIONS

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

SEGMENT REMARKS:



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881

FACILITY
RNAV

MISSED APPROACH: LNAV/VNAV

FROM
DA **TO**
JUGIG

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
0.30-1.00 994

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (18-000570)	412026.00N/0845352.00W	1115	500	50	5D	1000					2200
TERRAIN	411821.00N/0850357.00W	892 (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

FROM
RW09 **TO**
JUGIG

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
0.30-1.00 1160

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (18-000570)	412026.00N/0845352.00W	1115	500	50	5D	1000					2200
TERRAIN	411821.00N/0850357.00W	892 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:



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FACILITY
RNAV

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
TRANSMISSION_LINE (18-002621)	411822.48N/0850119.88W	1.30	439	1019	20	3	1A	300			1320
CATEGORY B											
TOWER (18-000300)	412001.00N/0850307.00W	1.84	679	1192	250	50	4D	300		AC50	1560
CATEGORY C											
TOWER (18-001112)	412101.00N/0850429.00W	2.89	839	1370	500	50	5D	300		AC50	1720
CATEGORY D											
TOWER (18-001112)	412101.00N/0850429.00W	3.77	839	1370	500	50	5D	300		AC50	1720

CIRCLING REMARKS:

MSA

CENTER
RW09

RADIUS
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TOWER (18-000045)	410539.00N/0851049.00W	206	13.7	1648	250	50	4D	1000			2700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



AIRPORT ID
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AMDT NO.
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FACILITY
RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

FWA APP CON, ZAU ARTCC, HUF FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS-3	GWB	24	GWB	0	Y	0

<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	FWA	24	FWA	20.60	Y	57

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KGWB 881, KFWA 815
RA = 56.8.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW09 - REIL (PCL), MIRL (PCL), PAPI-4L	NPI-F	
RW27 - MALSR (PCL), REIL (PCL), MIRL (PCL), PAPI-4L	PIR-F	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	873.3	47.5			3.00	47.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	700
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-16C	+54C	-16C	+13.26C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 967 HIGH TEMP 1275.

"VISUAL PORTION OF FINAL" PENETRATIONS



AIRPORT ID
GWB

PROCEDURE NAME
RNAV (GPS) RWY 9

AMDT NO.
1

CITY
AUBURN

STATE
IN

AIRPORT ELEVATION
881

FACILITY
RNAV

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.

TAA NOT DEVELOPED PER FPT.

VDP NOT ESTABLISHED - WITHIN 0.5 NM FROM STEPDOWN FIX.

VEGETATION HEIGHT: 100 FT.

FOR CONTINGENCY PURPOSES:

1. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FWA ALTIMETER SETTING AND INCREASE LPV DA TO 1187 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 1212 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CATS C/D 1/4 SM, AND CIRCLING VISIBILITY CATS C/D 1/4 SM.
2. BARO-VNAV NA WHEN USING FWA ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1096 AAO 411927.00N/0851115.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

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

DISTANCE FROM	THLD	TO 1000FT POINT	3.08
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	089.24
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	4.76
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	089.24
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN) 411825.58N/0850415.24W
ARP COORDINATES 411825.91N/0850337.86W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 27 DISTANCE 0.58 NM
FAF COORDINATES 411821.83N/0851050.00W
FIX NAME COORDINATES

REMARKS

THLD DISPLACED 700FT, ACTUAL COORDINATES: 411825.49N/0850424.41W

PART E: PREPARED BY

NAME
ROBERT G HAMILTON (JILL M. SUPPES)

OFFICE
AJV-A433

DATE
04/01/2024

TITLE
AERONAUTICAL INFORMATION SPECIALIST



AIRPORT ID
GWB

PROCEDURE NAME
RNAV (GPS) RWY 9

AMDT NO.
1

CITY
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IN

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881

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