

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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> GWB	<u>PROCEDURE NAME</u> VOR-A	<u>ORIGINAL/AMENDMENT</u> 10B	<u>CITY</u> AUBURN	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 881	<u>TDZE</u>	<u>SUPERSEDED</u> VOR-A	<u>ORIGINAL/AMENDMENT</u> 10A	<u>DATED</u> 04/27/2017	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> FWA	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 10/31/2024	<u>CANCEL/SUSPEND</u>		

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>
OLK VOR		LAWNS INT/FWA 15.00 DME					098.05	18.21	2700
FWA VORTAC	IF/IAF	LAWNS INT/FWA 15.00 DME	NOPT				022.00	15.00	2700

MISSED APPROACH

MAP:

5.00 NM AFTER LAWNS INT/FWA 15.00 DME OR AT MABHA/FWA 20.00 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2700 ON FWA R-022 TO LAWNS INT/FWA 15.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD S LAWNS INT/FWA 15.00 DME, RT, 022.00 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 022.00 **FAF:** LAWNS INT/FWA 15.00 DME **DIST FAF TO MAP:** 5.00 **DIST FAF TO THLD:**
- MIN ALT:** LAWNS INT/FWA 15.00 DME 2700, JUPAV/FWA 19.00 DME 1500
- MSA FROM:** FWA VORTAC 2700

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1023 TRANSMISSION_LINE (18-026563) 411637N/0850339W.
FAC CROSSES MIDPOINT OF RWY 9-27.
CHART CIRCLING ICON.



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
CIRCLING	1500	1	619	1560	1	679	1720	2 1/2	839	1720	2 3/4	839			
JUPAV FIX MINIMUMS															
CIRCLING	1360	1	479	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. MISSED APPROACH INSTRUCTIONS: UPDATED FROM “CLIMBING RIGHT TURN TO 2700 ON FWA R-022 TO LAWNS INT/FWA 15.00 DME AND HOLD” TO “CLIMBING RIGHT TURN TO 2700 ON FWA R-022 TO LAWNS INT/FWA 15.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700” – CLIMB IN HOLD NOW REQUIRED IAW 8260.3E PARA 2-8-8 E AND 8260.19J PARA 8-6-6 G(1).
3. PROFILE LINE 2: UPDATED FROM “HOLD S LAWNS, RT, 022.00 INBOUND, 2700 FT. IN LIEU OF PT (IAF)” TO “HOLD S LAWNS INT/FWA 15.00 DME, RT, 022.00 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000” – IAW 8260.19J PARA 8-6-7 B.
4. PROFILE LINE 4: UPDATED FROM “LAWNS 2700, JUPAV/FWA 19.00 DME 1500” TO “LAWNS INT/FWA 15.00 DME 2700, JUPAV/FWA 19.00 DME 1500” – IAW 8260.19J PARA 8-6-7 D.
5. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBSTACLE FROM “1023 T-L TWR 411637N/0850339W” TO “1023 TRANSMISSION_LINE (18-026563) 411637N/0850339W” – UPDATED OBSTACLE DESCRIPTION AND ADDED OBSTACLE ID IAW 8260.19J PARA 8-6-11 C.
6. ALTERNATE MINIMUMS: ADDED “NA WHEN LOCAL WEATHER NOT AVAILABLE” – IAW 8260.19J PARA 8-6-12 B(4).
7. MINIMUMS: LOWERED CIRCLING CAT A HAA FROM “620” TO “619”, CAT B HAA FROM “680” TO “679” AND CATS C/D HAA FROM “840” TO “839” – NEW AIRPORT ELEVATION.
8. MINIMUMS: LOWERED JUPAV FIX MINIMUMS CIRCLING CAT A HAA FROM “480” TO “479”, CAT B HAA FROM “680” TO “679”, AND CAT C/D HAA FROM “840” TO “839” – NEW AIRPORT ELEVATION.

08/02/2024: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/11/2024.
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

PENDING

Digitally signed by
ROBERT G HAMILTON
Aug 05, 2024

OFFICE **DATE**

DEVELOPED BY
ROBERT G HAMILTON (JILL M. SUPPES)

Digitally signed by
ROBERT G HAMILTON
Aug 05, 2024

OFFICE **DATE**
AJV-A433 04/11/2024

APPROVED BY
ROBERT G HAMILTON

Digitally signed by
ROBERT G HAMILTON
Aug 05, 2024

OFFICE
AJV-A433

DATE

TITLE
MANAGER



**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	VOR-A	10B	AUBURN	IN	881	FWA

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM OLK VOR **TO** LAWNS INT/FWA 15.00 DME

<u>RNP</u>	<u>DISTANCE</u> 18.21	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<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 (18-002382)	411445.00N/0852747.00W	1270	500	50	5D	1000				AT430	2700
TERRAIN	411612.00N/0852630.00W	1019 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM FWA VORTAC (IF/IAF) **TO** LAWNS INT/FWA 15.00 DME

<u>RNP</u>	<u>DISTANCE</u> 15.00	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<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 (18-000045)	410539.00N/0851049.00W	1648	250	50	4D	500				AT552	2700
TERRAIN	411327.00N/0850809.00W	889 (900)								AS1000	1900

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL

FROM

LAWNS INT/FWA 15.00 DME

TO

JUPAV/FWA 19.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	4.00				

<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 (18-025554)	411238.01N/0850611.67W	1149	50	20	2C	250				DG101	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

DATABASE UPDATED AND THIS OBSTACLE HAS BEEN MODIFIED FROM "T-L TWR (18-026563) 411637.42N/0850339.45W, 1023 (1B)" WITH NO IMPACT TO EXISTING MDAS.

FINAL: STEPDOWN

FROM

JUPAV/FWA 19.00 DME

TO

5.00 NM AFTER LAWNS INT/FWA 15.00 DME OR AT MABHA/FWA 20.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	1.00		5.00 NM AFTER LAWNS INT/FWA 15.00 DME OR AT MABHA/FWA 20.00 DME		

<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>
TRANSMISSION_LINE (18-026563)	411637.42N/0850339.45W	1023	20	10	1B	250				XP87	1360

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MAINTAIN PREVIOUS PUBLISHED MDA, NO CHANGES REQUESTED BY ATC.



HOLD-IN-LIEU OF PT

FROM
LAWNS INT/FWA 15.00 DME

TO
P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
<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 (18-000045)	410539.00N/0851049.00W	1648	250	50	4D	1000					2700
TERRAIN	411457.00N/0850636.00W	909 (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

FROM
LAWNS INT/FWA 15.00 DME

TO
LAWNS INT/FWA 15.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1250			
<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				2700
TOWER (18-001112)	412101.00N/0850429.00W	1370	500	50	5D	1000					2400
TERRAIN	411457.00N/0850636.00W	909 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:



MISSSED APPROACH

FROM

5.00 NM AFTER LAWNS INT/FWA 15.00 DME OR AT MABHA/FWA 20.00 DME

TO

LAWNS INT/FWA 15.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1110			
<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				2700
TOWER (18-001112)	412101.00N/0850429.00W	1370	500	50	5D	1000					2400
TERRAIN	411457.00N/0850636.00W	909 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TRANSMISSION_LINE (18-002621)	411822.48N/0850119.88W	1.30	619/479	1019	20	3	1A	300		SI/SI	1500/1360
CATEGORY B											
TOWER (18-000300)	412001.00N/0850307.00W	1.84	679/679	1192	250	50	4D	300		AC50	1560/1560
CATEGORY C											
TOWER (18-001112)	412101.00N/0850429.00W	2.89	839/839	1370	500	50	5D	300		AC50	1720/1720
CATEGORY D											
TOWER (18-001112)	412101.00N/0850429.00W	3.77	839/839	1370	500	50	5D	300		AC50	1720/1720

CIRCLING REMARKS:

MSA

CENTER

FWA VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (18-000045)	410539.00N/0851049.00W	009	06.9	1648	250	50	4D	1000			2700

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

FWA APP CON, HUF FSS, ZAU ARTCC

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> GWB	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> GWB	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> FWA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> FWA	<u>DISTANCE</u> 20.60	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 57

WX REMARKS:

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

<u>PRIMARY NAVAID</u> FWA VORTAC	<u>MONITOR POINT</u> MOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW09 - MIRL (PCL), REIL (PCL), PAPI-4L		NPI-F	
RW27 - MALSR (PCL), MIRL (PCL), REIL (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>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD		FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE		FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT: 100 FT.

CONTINGENCY PURPOSES:

1. WHEN LOCAL ALTIMETER NOT RECEIVED, USE FWA ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CATS C AND D 1/4 SM; INCREASE JUPAV FIX MINIMUMS CIRCLING VISIBILITY CATS C AND D 1/4 SM.

2. JUPAV FIX ALTITUDE 1560.

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	ARP	TO 1000FT POINT	2.70
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.27
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	016.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	ARP	TO 1500FT POINT	4.77
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.48
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	016.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	411825.91N/0850337.86W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 27 DISTANCE 0.58 NM
FAF COORDINATES	411310.14N/0850548.28W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ROBERT G HAMILTON (JILL M. SUPPES)	AJV-A433	04/11/2024	AERONAUTICAL INFORMATION SPECIALIST

