

**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.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicted on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for enroute operations in the particular area or as set forth below.

<u>AIRPORT</u> PUTNAM COUNTY	<u>AIRPORT ID</u> KOWX	<u>PROCEDURE NAME</u> VOR RWY 27	<u>ORIGINAL/AMENDMENT</u> 2C	<u>CITY</u> OTTAWA	<u>STATE</u> OH	
<u>AIRPORT ELEVATION</u> 763	<u>TDZE</u> 763	<u>SUPERSEDED</u> VOR RWY 27	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> FBC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 JUNE 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
FBC VORTAC	IF/IAF	GILBA/FBC 6.00 DME/RADAR					297.99	6.00	2500

**MISSED APPROACH**

**MAP:**

5.01 NM AFTER GILBA/FBC 6.00 DME/RADAR OR AT FBC 11.01 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 ON FBC VORTAC R-298 THEN LEFT TURN DIRECT FBC VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- 1. PT**      **SIDE OF COURSE**      **OUTBOUND**      **FT WITHIN**      **MILES OF (IAF)**
- 2.** HOLD SE FBC VORTAC, RT, 297.99 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. FAC:** 297.99      **FAF:** GILBA/FBC 6.00 DME/RADAR      **DIST FAF TO MAP:** 5.01      **DIST FAF TO THLD:** 5.01
- 4. MIN ALT:** FBC VORTAC 2500, GILBA/FBC 6.00 DME/RADAR 2500
- 8. MSA FROM:** FBC VORTAC 360-180 2500, 180-360 3000

**EQUIPMENT REQUIREMENTS NOTES:**

RADAR OR DME REQUIRED.

**NOTES:**

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT FBC VORTAC ON V279 NORTHWESTBOUND.  
CHART NOTE: STRAIGHT-IN, CIRCLING RWY 27 NA AT NIGHT.

**ADDITIONAL FLIGHT DATA:**



974 AAO 405857N/0835255W  
GILBA TO RW27: 3.18/44.0.  
FAS OBST: 964 AAO 405930N/0835355W.

MINIMUMS:

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

ALTERNATE: NA ☒

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
S-27	1220	1	457	1220	1	457		NA			NA				
CIRCLING	1220	1	457	1220	1	457		NA			NA				

CHANGES - REASONS

1. CORRECTED MISSED APPROACH INSTRUCTIONS FROM "THEN DIRECT " TO "THEN LEFT TURN DIRECT" - ADDED "LEFT TURN" THAT WAS OMITTED IN AMENDMENT 2B.
2. MOVED BACK-UP ALTIMETER NOTE TO FORM 8260-9 - PRIMARY ALTIMETER IS ON WMSCR/NOTE NOT REQUIRED.
3. ADDED MAX 6000 TO HOLDING AT FBC VORTAC - MANDATED PER FAAO 8260.19H PARA 8-6-7B(2).
4. UPDATED HELICOPTER NOTE - 20:1 VISUAL AREA NOT CLEAR.
5. ADDED CHART NOTE: STRAIGHT-IN, CIRCLING RWY 27 NA AT NIGHT - PER FAAO 8260.19H PARA 8-6-11O(2)(A).

PDF EDITS: 5/08/2018

1. PART A NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS: REMOVED "ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED" - NEW CIRCLING CRITERIA NOT UTILIZED, KNOWN SIAP PDF EDIT ISSUE.
2. REMOVED "4" FROM MISSED APPROACH PAT - KNOWN SIAP PDF EDIT ISSUE.
3. PART D: CHANGED DIST FURTHEST FROM "MAP" TO "ARP" - KNOWN SIAP PDF EDIT ISSUE.
4. PART D: THRESHOLD COORDINATES CHANGED FROM 410208.24N/0835825.49W TO 410208.24N/0835825.83W - KNOWN SIAP PDF EDIT ISSUE.
5. CHANGED MAGVAR FROM 5W/1980 TO 2W/1965 - KNOWN SIAP PDF EDIT ISSUE.
6. REMOVED VOR'S NAME "FLAG CITY/" FROM PROFILE LINE 2 - KNOWN SIAP PDF EDIT ISSUE.
7. REMOVED "VORTAC" FROM MISSED APPROACH MAP DESCRIPTION AND FROM PART A FINAL AND MISSED APPROACH SEGMENTS - KNOWN SIAP PDF EDIT ISSUE.
8. CHANGED FDY TO FBC VORTAC FOR MSA - MAINTAIN PUBLISHED MSA.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: TOL APP CON, ZOB, AMGR.

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.

DEVELOPED BY

WILLIAM HANBY

Digitally signed by  
WILLIAM HANBY  
May 08, 2018

APPROVED BY

JULIE MORGAN

OFFICE

OFFICE

AJV-5422

OFFICE

AJV-5420

DATE ROBERT G HAMILTON

May 09, 2018

DATE

05/08/2018

DATE

Digitally signed by  
ROBERT G HAMILTON  
May 09, 2018

TITLE

MANAGER

