

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23										Bearings, headings, courses, 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 in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH											
FROM			TO			COURSE AND DISTANCE				ALTITUDE		MAP: 8.90 NM AFTER MFD VORTAC OR AT MFD 8.90 DME									
												CLIMBING LEFT TURN TO 2900 DIRECT MFD VORTAC AND HOLD.									
												ADDITIONAL FLIGHT DATA: HOLD NE, RT, 224.06 INBOUND. CHART FAS OBST: 1460 TREE 404540N/0824030W. FAS OBST: 1559 AAO 404651N/0823915W. CUBYS TO RW23: 3.49/40.									
1. PT <u>L</u> SIDE OF COURSE <u>044.06</u> OUTBOUND <u>3000</u> FT WITHIN <u>10</u> MILES OF <u>MFD VORTAC</u> (IAF)																					
2.																					
3. FAC <u>224.06</u> FAF <u>MFD VORTAC</u> DIST FAF TO MAP <u>8.90</u> THLD <u>8.90</u>																					
4. MIN. ALT <u>MFD VORTAC 2900, CUBYS INT/MFD 6.90 DME 2000*</u>																					
8. MSA FROM: <u>MFD VORTAC 3000</u>										MAG VAR: <u>3W</u>					EPOCH YEAR: <u>1965</u>						
MINIMUMS																					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		X									
CATEGORY =====>		A			B			C			D			E							
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA						
S-23	2000	1	776	2000	1 1/4	776	2000	2 1/2	776		NA										
CIRCLING	2000	1	776	2000	1 1/4	776	2000	2 1/2	776		NA										
CUBYS FIX MINIMUMS																					
S-23	1760	1	536	1760	1	536	1760	1 5/8	536		NA										
CIRCLING	1800	1	576	1800	1	576	1800	1 5/8	576		NA										
NOTES:																					
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).																					
CHART NOTE: PROCEDURE NA AT NIGHT.																					
CHART NOTE: USE MANSFIELD ALTIMETER SETTING; WHEN NOT RECEIVED, USE MARION ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND INCREASE CUBYS FIX MINIMUMS S-23 AND CIRCLING CAT C VISIBILITY 1/8 SM.																					
(CONTINUED ON PAGE 2)																					
CITY AND STATE GALION, OH				ELEVATION: 1224 TDZE: 1224 AIRPORT NAME: GALION MUNI				FACILITY IDENTIFIER: MFD				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 23, AMDT 13B				SUP AMDT 13A DATE 03/05/2015					



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
A4A	ALPA	AOPA	APA	HAI	NBAA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER (specify) MFD APP CON, ZOB, AMGR.					
Digitally signed by					
FLIGHT CHECKED BY DION E LANCIA					
NAME: FLIGHT INSPECTION REVIEW NOT REQUIRED-PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, Feb 14, 2018 DECEMBER 22, 2017,				FIFO	DATE:
DEVELOPED BY					
NAME: CHRIS O'BRIEN				FIFO	DATE:
Digitally signed by CHRISTOPHER P O'BRIEN Jan 19, 2018				AJV-5423	01/16/2018
APPROVED BY					
NAME: JULIE A. MORGAN				FIFO	DATE:
Digitally signed by DION E LANCIA MANAGER				AJV-5420	
CHANGES: Feb 14, 2018					
<div>1. ADDED: EQUIPMENT REQUIREMENTS NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY.</div> <div>2. HELICOPTER CHART NOTE CHANGED FROM "VISIBILITY REDUCTION BY HELICOPTERS NA." TO "RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED."</div> <div>3. CHANGED S-23 CAT A/B/C HAT FROM 782 TO 776, CUBYS FIX MINIMUMS S-23 CAT A/B/C FROM 542 TO 536 AND REPLACED THRE 1218 WITH TDZE 1224.</div> <div>4. CHANGED VISIBILITY FROM "MILE" TO "SM".</div>					
REASONS:					
<div>1. MFD VORTAC REMOVED FROM USE ON ALL AIRWAYS.</div> <div>2. CRITERIA NEW WORDING.</div> <div>3. P-NOTAM VOR RWY 23, AMDT 13A.</div> <div>4. .19H</div>					



**VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23**

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NOTES, (CONT.):

*2040 WHEN USING MARION ALTIMETER SETTING.

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

EQUIPMENT REQUIREMENT NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY.

QUALITY
22
CHECKED

CITY AND STATE

GALION, OH

ELEVATION: 1224**TDZE: 1224**

AIRPORT NAME:

GALION MUNI

FACILITY
IDENTIFIER:

MFD

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 23, AMDT 13B

SUP:

AMDT: **13A**DATED: **03/05/2015**

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.
INTERMEDIATE: PT		10 NM		MFD VORTAC		1. TOWER (39-000306)		405625.00N/0822849.00W		1540 (2C)	500	AT860		2900
						2. TERRAIN		405600.00N/0822909.00W		1250 (1300)		AS1500		2800
FINAL		MFD VORTAC		CUBYS INT/MFD		3. AAO		404650.56N/0823914.76W		1559 (2C)	250	RA34 XL145		2000
				6.90 DME										
FINAL: STEPDOWN		CUBYS INT/6.90		8.90 NM AFTER		4. TREE		404540.00N/0824030.00W		1460 (2C)	250	RA34		1760
		DME		MFD VORTAC OR										
				AT MFD 8.90 DME										

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: VDP NOT ESTABLISHED - REMOTE ALTIMETER. PRECIPITOUS TERRAIN EVALUATION COMPLETED. ORDER 8260.3 CHAPTER 2 APPLIED TO 1559 AAO 404651N/0823915W. 50 FT VEGETATION USED PER FPT. CAT D NOT DEVELOPED PER FPT. UNABLE TO VERIFY VISUAL SURFACES DUE TO SURVEY; NA AT NIGHT PER FPT. VGSi DATA: 3.00/26.6 OBS #4 AND #9 FROM PREVIOUS AMENDMENT. "VISUAL PORTION OF FINAL" PENETRATIONS: 20:1 1259 TREE 404523.85N/0824302.54W (33.10) 34:1 1269 TREE 404533.03N/0824246.24W (0.63) NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS THE SAME KGQQ 1228, KMFD 1297, KMNN 993 RA = 33.9/72.6.															
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																	
MFD APP CON ZOB ARTCC						N W S		OTHER: ASOS												SOURCE:KMFD / KMNN					
				X		F A A														DISTANCE: 10.26 / 17.52					
						A / C														HOURS REMOTE OPERATION: 24 / BACKUP					
SATISFACTORY ON:				LOCATION: KMFD				ADJUSTMENT: 0																	
X		V H F		X		U H F														H F					
4. MONITOR STATUS		PRIMARY NAVAID: MFD VORTAC																							
		MONITOR POINT: MOCC																							
		HRS		CAT 1		24																			
		OPTN:		CAT 3																					
5. APPROACH & RUNWAY LIGHTING				ALS																					
				(S) SALS																					
				MALS																					
				HIRL																					
		X		MIRL 05 (PCL), 23 (PCL)																					
		X		REIL 05 (PCL), 23 (PCL)																					
				TDZ																					
				C/LINE																					
		X		OTHER (SPECIFY) PAPI-4L 05 (PCL), 23 (PCL)																					
6. RUNWAY MARKINGS		BASIC																							
		ALL WEATHER																							
		INSTRUMENT NPI-G 05, 23																							
7. RUNWAY VISUAL RANGE		APPROACH																							
		MIDFIELD																							
		ROLL OUT																							
8. GLIDE PATH		GP ANGLE:						ELEV RWY THRESHOLD:																	
		DISTANCE FROM RWY:						ELEV GP ANTENNA:																	
								THRESHOLD CROSSING HEIGHT:																	
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD				FT. FROM THRESHOLD															
				X		ON CENTERLINE				FT. FROM CENTERLINE															
10. WAIVERS: NONE																									
PART D - PREPARED BY: CHRIS O'BRIEN										DATE: 01/16/2018															
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5423															

