

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: 4.86 NM AFTER LEXII INT/APE 20.00 DME OR AT WUBIB/APE 24.86 DME FIX																		
APE VORTAC (IAF)			GUTHY INT/APE 14.00 DME			294.05 / 14.00			3000		CLIMB TO 3100 THEN RIGHT TURN DIRECT APE VORTAC AND HOLD.																		
GUTHY INT/APE 14.00 DME (IF)			LEXII INT/APE 20.00 DME			294.05 / 6.00 (APE R-294)			2600																				
										ADDITIONAL FLIGHT DATA: HOLD SE, RT, 294.05 INBOUND. CHART FAS OBST: 1209 TOWER 401757N/0830246W CHART 1240 TOWER 401605N/0825820W. LEXII INT TO RW28: 3.13/41. CHART CIRCLING ICON. FAC CROSSES RWY C/L EXTENDED 866 FT FROM THLD.																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 6W EPOCH YEAR: 1990																			
2. PROFILE STARTS AT APE VORTAC																													
3. FAC 294.05 FAF LEXII INT/APE 20.00 DME DIST FAF TO MAP 4.86 THLD 4.86																													
4. MIN. ALT APE VORTAC 3000, GUTHY 3000, LEXII 2600																													
8. MSA FROM: APE VORTAC 3100 (27 NM)																													
MINIMUMS																													
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		STANDARD																	
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-28	1520	1	575	1520	1	575	1520	1 5/8	575	1520	1 5/8	575																	
CIRCLING	1520	1	575	1520	1	575	1560	1 3/4	615	1560	2	615																	
NOTES:																													
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON APE VORTAC AIRWAY RADIALS 235 CW 335.																													
CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.																													
<div>QUALITY 16 CHECKED</div>																													
																CITY AND STATE DELAWARE, OH			ELEVATION: 945 TDZE: 945 AIRPORT NAME: DELAWARE MUNI - JIM MOORE FIELD			FACILITY IDENTIFIER: APE		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 28, AMDT 1				SUP	
																AMDT		ORIG-A		DATE		10/25/2007							

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE <div style="text-align: center;">ROUTINE</div>
COORDINATED WITH: <div style="display: flex; justify-content: space-between;"> <div>ATA <input type="checkbox"/></div> <div>AAT <input type="checkbox"/></div> <div>ALPA <input checked="" type="checkbox"/></div> <div>APA <input type="checkbox"/></div> <div>AOPA <input checked="" type="checkbox"/></div> <div>NBAA <input checked="" type="checkbox"/></div> <div>OTHER (specify) <input checked="" type="checkbox"/> <u>ZOB, ZID, CMH APP CON, AMGR</u></div> </div>		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: <div style="text-align: center;">DANIEL D. OLSON</div>	FIFO <div style="text-align: center;">AJV-5421</div>	DATE: <div style="text-align: center;">08/11/2016</div>
APPROVED BY		
NAME: <div style="text-align: center;">TONY R. LAWSON</div>	FIFO <div style="text-align: center;">AJV-5420</div>	DATE:
CHANGES: <ol style="list-style-type: none"> 1. AIRPORT NAME CHANGE. 2. TERMINAL ROUTE APE VORTAC TO GUTHY COURSE/DISTANCE CHANGED FROM 294.00/15 TO 294.05/14. 3. TERMINAL ROUTE GUTHY TO LEXII CHANGED FROM 294/5 TO 294.05/6. 4. CHANGED FAC COURSE/DIST FAF TO MAP/DIST FAF TO THLD FROM 294/4.99/4.99 TO 294.05/4.86/4.86. 5. CHANGED MSA FROM 26 NMS TO 27 NMS. 6. CHANGED MAP DISTANCE AFTER LEXII FROM 4.99 TO 4.86 AND CHANGED APE DME DIST FROM 24.99 TO 24.86. 7. CHANGED MISSED ALT FROM 3000 TO 3100. 8. CHANGED MISSED HOLD INBOUND COURSE FROM 294 TO 294.05. 9. REVISED MSL HEIGHT FOR FAS (FINAL CONTROLLING) OBS LISTED IN ADDITIONAL FLIGHT DATA. 10. CHANGED S-28 CAT B VIS FROM 1 1/4 TO 1, CAT C FROM 1 1/2 TO 1 5/8 AND CAT D FROM 1 3/4 TO 1 5/8. 11. CHANGED CAT B CIRCLING VIS FROM 1 1/4 TO 1, CAT C FROM 1 1/2 TO 1 3/4. 12. REMOVED ALL BACKUP ALTIMETER NOTES AND PORT COLUMBUS MINIMUMS. 13. ADDED CHART CIRCLING ICON. 14. CHANGED VDA/TCH FROM 3.04/45 TO 3.13/41. (SEE FORM 8260-10)		
REASONS: <ol style="list-style-type: none"> 1. AIRNAV DATA. 2, 3. RWY 28 THLD MOVED, REVISED VOR RADIAL TO MEET STRAIGHT-IN ALIGNMENT AND MOVED GUTHY 1 NM TO MEET MIN SEGMENT LENGTH AND MOVED LEXII 107.3 FT TO ALIGN WITH REVISED RADIAL. 4. RWY 28 THLD MOVED AND LEXII MOVED. 5. ALLOW FOR LARGER MSA AREA. 6. RWY 28 THLD AND LEXII MOVED. 7. TO ACHIEVE THE REQUIRED 1000 FT OF ROC. 8. APE RADIAL CHANGE. 9. SAME OBSTACLE, OBSTACLE DATABASE JUST CHANGED MSL FROM 1210 TO 1209. 10, 11. NEW VIS TABLES. 12. KDLZ AWOS-3 TRANSMITTED TO WMSCR. 13. NEW CIRCLING CRITERIA APPLIED. 14. NEW CALCULATIONS AND VGSI TCH CHANGED. 15. REVISED CALCULATION. 16. 34:1 VISUAL AREA PENETRATIONS. (SEE FORM 8260-10)		

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

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CITY AND STATE

DELAWARE, OH

ELEVATION: 945

TDZE: 945

AIRPORT NAME:

DELAWARE MUNI - JIM MOORE FIELD

FACILITY
IDENTIFIER:

APE

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 28, AMDT 1

SUP:

AMDT: ORIG-A

DATED: 10/25/2007

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>	ALPA <div></div>	APA <div></div>	AOPA <div></div>
NBAA <div></div>		OTHER (specify) <div></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>15. REVISED DIST FINAL COURSE CROSSES RWY C/L EXTENDED FROM 37.65 FT TO 866 FT.</div> <div>16. ADDED HELICOPTER VISIBILITY REDUCTION NOTE.</div> <div>17. UPDATED CONTROLLING OBSTACLE INFO FOR INITIAL AND INTERMEDIATE SEGMENT.</div> <div>18. NEW CONTROLLING OBSTACLES FOR ALL CIRCLING AREAS.</div> <div>19. HMAS CHANGED FROM 1270 TO 1266.</div> <div>20. UPDATED MSA CONTROLLING OBS INFO.</div> <div>21. NAMED MAP - WUBIB.</div> <div>22. ADDED PLANVIEW NOTE FOR PROCEDURE NA FOR ARRIVAL...</div>					
<div>REASONS:</div> <div>REASONS CONT.</div> <div>17. SAME OBSTACLE, OBSTACLE INFO WAS UPDATED IN DATABASE.</div> <div>18. NEW CIRCLING CRITERIA APPLIED.</div> <div>19. REVISED CALCULATION.</div> <div>20. SAME OBSTACLE, DATA WAS REVISED IN DATABASE.</div> <div>21. HELP WITH CODING.</div> <div>22. AMOUNT OF TURN EXCEEDS CRITERIA.</div>					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. 2. KDLZ/KCMH AWOS-3/ASOS TRANSMITTED TO WMSCR, HRS OPTN: 24. VGSI DATA: 3.00/40.7 RASS PRESSURE PATTERNS SAME KDLZ 945, KCMH 815 RA = 63.69 (FOR CONTINGENCY PURPOSES) VEGETATION HEIGHT: 100FT PER IFP CHECKLIST. "VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 996 TREE (KDLZL031) 401644.56N/0830547.13W (3.52) 984 T-L TWR (39-025767) 401636.74N/0830556.49W (9.25) 987 T-L TWR (39-025765) 401637.68N/0830556.64W (12.99) ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.84NM CAT C: 2.89NM CAT D: 3.78NM SEE ATTACHED AIRSPACE LETTER. VDP NOT ESTABLISHED DUE TO FIX ERROR EXCEEDING .5 NMS. ORDER 8260.3 CHAPTER 2 APPLIED TO 1240 TOWER 401605N/0825820W.	
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING					
CMH TOWER DAY FSS ZID ARTCC CMH APP CON KDLZ CTAF				N W S	OTHER: AWOS-3		SOURCE:KDLZ / KCMH				
				F A A			DISTANCE: 0 / 19.81				
				A / C			HOURS REMOTE OPERATION:				
SATISFACTORY ON:						H F	LOCATION: KDLZ		ADJUSTMENT: 0		
4. MONITOR STATUS	PRIMARY NAVAID: APE VORTAC	MONITOR POINT:	HRS OPTN:	CAT 1							
				CAT 3							
5. APPROACH & RUNWAY LIGHTING		ALS									
		(S) SALS									
		MALS									
		HIRL									
	X	MIRL 10 (PCL), 28 (PCL)									
	X	REIL 10 (PCL), 28 (PCL)									
		TDZ									
		C/LINE									
	X	OTHER (SPECIFY) PAPI-4L 10 (PCL), 28 (PCL)									
6. RUNWAY MARKINGS			BASIC								
			ALL WEATHER								
			INSTRUMENT NPI-G 10, 28								
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				RUNWAY THRESHOLD 866 FT. FROM THRESHOLD							
			X	ON CENTERLINE FT. FROM CENTERLINE							
10. WAIVERS: NONE											
PART D - PREPARED BY: DANIEL D. OLSON							DATE: 08/11/2016				
TITLE: AERONAUTICAL INFORMATION SPECIALIST							OFFICE: AJV-5421				

