

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				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		LPV: DA LNAV/VNAV: DA LNAV: RW32  CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3100 DIRECT WISKE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SW, LT, 051.00 INBOUND. CHART FAS OBST: 1596 ANT 402047N/0803938W DISTANCE TO THLD FROM 297 HAT: 0.63 NM. WAAS CHANNEL # 58339 REFERENCE PATH ID: W32A CHART CIRCLING ICON. CHART WHEELING ASOS LTP HAE: 329.2 M						
WISKE (IAF)		ULIZE (FB)		051.53 / 9.13				3000								
HEFJA (IAF)		ULIZE (FB)		261.96 / 5.61				3000								
ULIZE (IF)		KEDSE (FB)		322.30 / 5.93				2800								
KEDSE (FAF)		RW32 (MAP) (FO)		322.24 / 4.07												
RW32 (MAP)		2000 MSL		322.24				2000								
2000 MSL		WISKE (FO)						3100								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT ULIZE 3. FAC: 322.24 FAF: KEDSE DIST FAF TO MAP: 4.07 THLD: 4.07 4. MIN. ALT: ULIZE 3000, KEDSE 2800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2800 GS ALT AT: KEDSE 2800 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.60 TCH: 55.0 34:1 IS NOT CLEAR 8. MSA FROM: RW32 3100										MAG VAR: 8W		EPOCH YEAR: 2000				
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		X						
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1489	1	297	1489	1	297	1489	1	297		NA					
LNAV/VNAV DA	1469	1	277	1469	1	277	1469	1	277		NA					
LNAV MDA	1800	1	608	1800	1	608	1800	1 3/4	608		NA					
CIRCLING	1800	1	602	1940	1	742	1940	2 1/4	742		NA					
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: USE WHEELING ALTIMETER SETTING, WHEN NOT RECEIVED, USE PITTSBURGH INTERNATIONAL ALTIMETER SETTING AND INCREASE LPV DA TO 1516, LNAV/VNAV DA TO 1496, ALL MDA 40 FEET AND (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 1198 TDZE: 1192				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
STEUBENVILLE, OH		AIRPORT NAME:						RNAV (GPS) RWY 32, AMDT 1				AMDT: ORIG				
		JEFFERSON COUNTY AIRPARK										DATED 06/03/2010				



ALL AFFECTED PROCEDURES REVIEWED?  <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE  <b>ROUTINE</b>
COORDINATED WITH:  <div style="display: flex; justify-content: space-between;"> <div>           ATA <input type="checkbox"/>      AAT <input type="checkbox"/>      ALPA <input checked="" type="checkbox"/>      APA <input type="checkbox"/>      AOPA <input checked="" type="checkbox"/>      NBAA <input checked="" type="checkbox"/>      OTHER (specify) <input checked="" type="checkbox"/> </div> <div style="border-bottom: 1px solid black; width: 100%;"> <b>ZOB, PIT APP CON, AMGR</b> </div> </div>		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:  <div style="text-align: center;"><b>RODNEY L. RUMSEY</b></div>	FIFO  <b>AJV-5423</b>	DATE:  <b>07/01/2016</b>
APPROVED BY		
NAME:  <div style="display: flex; justify-content: space-between;"> <div><b>TONY R LAWSON</b></div> <div><b>MANAGER</b></div> </div>	FIFO  <b>AJV-5420</b>	DATE:
CHANGES:  <ol style="list-style-type: none"> <li>1. DISTANCE PFAF TO MAP CHANGED FROM 4.9NM TO 4.1NM.</li> <li>2. INTERMEDIATE SEGMENT CHANGED FROM 5.1NM TO 5.9NM.</li> <li>3. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA.</li> <li>4. MISSED APPROACH CHANGED FROM "CLIMBING LEFT TURN TO 3100 DIRECT WISKE AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3100 DIRECT WISKE AND HOLD"</li> <li>5. ADDED LPV AND LNAV/VNAV MINIMUMS.</li> <li>6. "VISIBILITY REDUCTION BY HELICOPTERS NA" CHANGED TO "RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED"</li> <li>7. CAT C ADDED TO ALL LINES OF MINIMA.</li> <li>8. ALTERNATE ALTIMETER NOTE CHANGED FROM "USE WHEELING ALLIETER SETTING, WHEN NOT RECEIVED, USE PITTSBURGH INTERNATIONAL ALTMETER SETTING AND INCREASE ALL MDA 40 FEET" TO "USE WHEELING ALTIMETER SETTING, WHEN NOT RECEIVED, USE PITTSBURGH INTERNATIONAL ALTIMETER SETTING AND INCREASE LPV DA TO 1502, LNAV/VNAV DA TO 1826, ALL MDA 40 FEET AND VISIBILITY LNAV CAT C 1/8SM."</li> <li>9. RESTRICTED NIGHT MINIMUMS TO RWY 32.</li> <li>10. LOWERED CAT A MDA FOR LNAV FROM 1940 TO 1800.</li> <li>11. LOWERED CIRCLING CAT A MDA FROM 1940 TO 1800.</li> </ol>		
REASONS:  <ol style="list-style-type: none"> <li>1. COURSE CORRECTION DO TO PFAF CHANGE.</li> <li>2. MINIMUM SEGMENT LENGTH WITH DTA.</li> <li>3. NEW CIRCLING CRITERIA APPLIED.</li> <li>4. NEW OBSTACLES IN MISSED.</li> <li>5, 7. PER FPT CHECKLIST.</li> <li>6. BY CRITERIA 8260.19G</li> <li>8. UPDATED NOTE FOR NEW MINIMUMS IN LPV AND LNAV/VNAV.</li> <li>9. 20:1 PENETRATIONS FOR RWY 32.</li> <li>10. NEW CONTROLLING OBST IN FINAL</li> <li>11. NEW SI MINIMUMS.</li> </ol>		

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

VISIBILITY LNAV CAT C 1/8SM.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HEFJA ON V12 EASTBOUND.

CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: STRAIGHT-IN RWY 32 NA AT NIGHT, CIRCLING RWY 32 NA AT NIGHT.

CITY AND STATE

STEUBENVILLE, OH

**ELEVATION: 1198**

**TDZE: 1192**

AIRPORT NAME:

JEFFERSON COUNTY AIRPARK

FACILITY  
IDENTIFIER:  
**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 32, AMDT 1**

SUP:

AMDT:

DATED:

QUALITY  
18  
CHECKED

ORIG

06/03/2010

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><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	2G2
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	402121.0205N
LTP/FTP LONGITUDE	0804142.9550W
LTP/FTP ELLIPSOIDAL HEIGHT	+03292
FPAP LATITUDE	402223.1730N
FPAP LONGITUDE	0804306.5320W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.60
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 88E7AB4D

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03629
FPAP ORTHOMETRIC HEIGHT	+03629

CITY AND STATE  
STEUBENVILLE, OH

ELEVATION: 1198 TDZE: 1192  
AIRPORT NAME:  
JEFFERSON COUNTY AIRPARK

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 32, AMDT 1

SUP: 18  
AMDT: ORIG  
DATED: 06/03/2010

QUALITY  
18  
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <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:					

## INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES

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CITY AND STATE

ELEVATION:

TDZE:

FACILITY  
IDENTIFIER:

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

SUP:

AMDT:

DATED:

QUALITY  
18  
CHECKED

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



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																					
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					VDP NOT ESTABLISHED - REMOTE ALTIMETER SETTING.																
PIT TOWER							N W S		OTHER: ASOS			SOURCE:KHLG / KPIT					PRECIPITOUS TERRAIN EVALUATION COMPLETED.														
							F A A					DISTANCE: 11.40 / 22.80																			
							A / C					HOURS REMOTE OPERATION: 24 / BACKUP					CAT A-C BY RAPT RUNWAY LIMITATIONS, AS PER EMAIL WITH FPT (TURKE).														
SATISFACTORY ON:																				VEGETATION HT 100FT PER CHECKLIST.											
X		V H F		X		U H F				H F		LOCATION: KHLG					ADJUSTMENT: 27 / 54					GLIDEPATH 3.60 AND TCH 55FT TO CLEAR TERRAIN AND VEGETATION IN FINAL.									
4. MONITOR STATUS		PRIMARY NAVAID:																													
		MONITOR POINT:																													
		HRS OPTN:		CAT 1																											
				CAT 3																											
5. APPROACH & RUNWAY LIGHTING				ALS																											
				(S) SALS																											
				MAL S																											
				HIRL																											
		X		MIRL 14 (PCL), 32 (PCL)																											
		X		REIL 14, 32 (PCL)																											
				TDZ																											
				C/LINE																											
		X		OTHER (SPECIFY) PAPI-4L 32 (PCL)																											
6. RUNWAY MARKINGS		BASIC																													
		ALL WEATHER																													
		INSTRUMENT NPI-G 14, 32																													
7. RUNWAY VISUAL RANGE		APPROACH																													
		MIDFIELD																													
		ROLL OUT																													
8. GLIDE PATH		GP ANGLE: 3.60								ELEV RWY THRESHOLD:1190.5																					
		DISTANCE FROM RWY:								ELEV GP ANTENNA:																					
										THRESHOLD CROSSING HEIGHT:55.0																					
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD										FT. FROM THRESHOLD															
				X		ON CENTERLINE										FT. FROM CENTERLINE															
10. WAIVERS: NONE																															
PART D - PREPARED BY: RODNEY L. RUMSEY										DATE: 07/01/2016																					
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5423																					
																				25 DEGREE BANK ANGLE USED IN WISKE FEEDER SEGMENT.											
																				CRITICAL TEMPERATURES: CRITICAL LOW :-17C (+2F) CRITICAL HIGH :+54C (+130F) ACT :-17C APT ISA :+12C											
																				CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION CRITICAL LOW TEMPERATURE BASED ON ACT.											
																				ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.31NM CAT B: 1.85NM CAT C: 2.91NM											
																				NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS SAME K2G2 1198.MSL, HKLG 1194 MSL, KPIT 1203MSL RA = 26.8/53.3.											
																				ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: 20:1 1249 TREE (K2G2T000820) 402116.96N/0804144.23W (57.71) 1228 TREE (K2G2T000824) 402117.19N/0804143.68W (36.00) 1250 TREE (K2G2T001096) 402110.14N/0804137.90W (17.09) 1252 TREE (K2G2T001117) 402110.11N/0804136.70W (15.65) 1254 TREE (K2G2T001137) 402110.51N/0804134.03W (11.66) 1203 TREE (K2G2T000814) 402117.95N/0804142.73W (11.04) 1241 TREE (K2G2T001073) 402111.72N/0804136.92W (10.94) 1237 TREE (K2G2T001054) 402111.47N/0804138.53W (10.53) 1244 TREE (K2G2T001112) 402110.93N/0804135.66W (7.66) 1198 TREE (K2G2T000810) 402120.78N/0804139.22W (6.29) 1227 TREE (K2G2T001027) 402112.04N/0804139.50W (5.23) 1241 TREE (K2G2T001110) 402111.50N/0804135.04W (4.95) 1245 TREE (K2G2T001130) 402111.52N/0804133.34W (4.30) 1198 TREE (K2G2T000852) 402118.11N/0804140.75W (1.11) 1247 TREE (K2G2T001149) 402111.78N/0804130.99W (0.70)											
																				34:1 1247 TREE (K2G2T001183) 402107.44N/0804133.44W (18.67) 1248 TREE (K2G2T001190) 402108.85N/0804130.93W (18.50) 1243 TREE (K2G2T001165) 402111.05N/0804130.72W (17.72) 1240 TREE (K2G2T001150) 402109.48N/0804134.14W (17.05) 1237 TREE (K2G2T001134) 402112.23N/0804131.92W (16.13) 1242 TREE (K2G2T001173) 402107.71N/0804134.32W (15.67) 1238 TREE (K2G2T001164) 402110.32N/0804131.72W (12.84) 1246 TREE (K2G2T001212) 402106.80N/0804131.24W (12.75) CONT.											

QUALITY  
18  
CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL						
CATEGORY B	1.5 NM		450							
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

[illegible]

CITY AND STATE <b>STEUBENVILLE, OH</b>	ELEVATION: 1198 AIRPORT NAME: <b>JEFFERSON COUNTY AIRPARK</b>	FACILITY  <b>RNAV</b>	PROCEDURE AND AMENDMENT NO: <b>RNAV (GPS) RWY 32, AMDT 1</b>	REGION  <b>AGL</b> <i>QUALITY</i>
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