

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33								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: RW24									
HUDDZ (IAF)			OBOZE (NOPT) (FB)			293.53 / 15.41			3000											
OBOZE (IF/IAF)			EXKUP (FB)			246.77 / 5.00			2300											
EXKUP (FAF)			AKEYE/1.80 NM TO RW24 (FB)			246.71 / 3.23					CLIMB TO 3000 DIRECT ZUFIL AND HOLD.									
AKEYE/1.80 NM TO RW24			RW24 (MAP) (FO)			246.71 / 1.80														
RW24 (MAP)			885 MSL			246.71														
885 MSL			ZUFIL (FO)						3000		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 066.52 INBOUND. CHART FAS OBST: 789 TREE 411801N/0830012W DISTANCE TO THLD FROM 220 HAT: 0.56 NM. CHART VDP AT 1.07 MILES TO RW24* *LNAV ONLY. WAAS CHANNEL # 42822 REFERENCE PATH ID: W24A CHART CIRCLING ICON. LTP HAE: 164.7 M									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 7W EPOCH YEAR: 2000						
2. HOLD NE OBOZE, LT, 246.77 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																				
3. FAC: 246.71 FAF: EXKUP DIST FAF TO MAP: 5.03 THLD: 5.03																				
4. MIN. ALT: OBOZE 3000, EXKUP 2300, AKEYE/1.80 NM TO RW24 1260*																				
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:																				
6. MIN GS INCPT: 2300 GS ALT AT: EXKUP 2300 OM: MM: IM:																				
7. GS ANGLE: 3.00 TCH: 42.4 34:1 IS CLEAR																				
8. MSA FROM: RW24 3100																				
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	885	3/4	220	885	3/4	220	885	3/4	220	885	3/4	220								
LNAV/VNAV DA	1103	1 1/2	438	1103	1 1/2	438	1103	1 1/2	438	1103	1 1/2	438								
LNAV MDA	1040	1	375	1040	1	375	1040	1 1/8	375	1040	1 1/8	375								
CIRCLING	1120	1	455	1160	1	495	1380	2	715	1380	2 1/4	715								
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HUDDZ ON V426-584 EASTBOUND. CHART NOTE: VDP NA WITH TOLEDO EXPRESS ALTIMETER SETTING. CHART NOTE: BARO-VNAV NA WITH TOLEDO EXPRESS ALTIMETER SETTING. (SEE FORM 8260-10)																				
CITY AND STATE  FREMONT, OH			ELEVATION: 665 TDZE: 665 AIRPORT NAME:  SANDUSKY COUNTY RGNL			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 1 13 NOVEMBER 2014					SUP: AMDT: ORIG DATED 08/25/2011							

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOLEDO EXPRESS ALTIMETER SETTING AND INCREASE ALL DA 93 FEET AND ALL MDA 100 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE, LNAV CAT C AND D VISIBILITY 1/4 MILE AND CIRCLING CAT C AND D VISIBILITY 1/2 MILE.

CITY AND STATE

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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	S24
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	411758.3875N
LTP/FTP LONGITUDE	0830142.8815W
LTP/FTP ELLIPSOIDAL HEIGHT	+01647
FPAP LATITUDE	411713.3300N
FPAP LONGITUDE	0830324.8700W
THRESHOLD CROSSING HEIGHT (TCH)	00042.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

<u>CRC REMAINDER</u>	188B8A28
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01999
FPAP ORTHOMETRIC HEIGHT	+01999

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FREMONT, OH	AIRPORT NAME:		RNAV	RNAV (GPS) RWY 24, AMDT 1	AMDT: ORIG
	SANDUSKY COUNTY RGNL			13 NOVEMBER 2014	DATED: 08/25/2011

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP S24 K5FR24	AH	UDDZ	010HUDDZK5EA0E	A	IF					18000		A	JS
SUSAP S24 K5FR24	AH	UDDZ	020OBOZEK5EA0EE	B	010TF		29350154	+	03000			A	JS
SUSAP S24 K5FR24	AO	BOZE	010OBOZEK5EA0EE	AL	HF		24680040	+	03000	18000		A	JS
SUSAP S24 K5FR24	R		010OBOZEK5EA0E	I	IF			+	03000	18000		A	JS
SUSAP S24 K5FR24	R		020EXKUPK5EA1E	F	051TF		24680050	+	02300		RW24	K5PGA	JS
SUSAP S24 K5FR24	R		020EXKUPK5EA2W	ALPV	ALNAV/VNAV	ALNAV							JS
SUSAP S24 K5FR24	R		021AKEYEK5EA0E	S	031TF		24670032	V	0126001272		-300		A
SUSAP S24 K5FR24	R		030RW24	K5PG	OGY M	031TF	24670018		00698		-300		A
SUSAP S24 K5FR24	R		040		0 M	CA	2467	+	00876				A
SUSAP S24 K5FR24	R		050ZUFILK5EA0EY		DF			+	03000				A
SUSAP S24 K5FR24	R		060ZUFILK5EA0EE	R	HM		06650040	+	03000				A

[illegible][illegible][illegible]

CITY AND STATE <b>FREMONT, OH</b>	ELEVATION: <b>665</b>	TDZE: <b>665</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>SANDUSKY COUNTY RGNL</b>			<b>RNAV (GPS) RWY 24, AMDT 1</b>	AMDT: <b>ORIG</b>
			<b>RNAV</b>	<b>13 NOVEMBER 2014</b>	DATED: <b>08/25/2011</b>

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HUDDZ	HUDDZ	010	IAF	IF		FB					
	HUDDZ	OBOZE	020		TF		FB	1.0	293.5 (286.5T)	015.4	AA 03000	
	OBOZE	OBOZE	010	IAF	HF	L	FO		246.8 (239.8T)	004.0	AA 03000	
		OBOZE	010	FACF	IF		FB				AA 03000	
		EXKUP	020	FAF	TF		FB	0.5	246.8 (239.8T)	005.0	AA 02300	
		AKEYE	021	SDF	TF		FB	0.3	246.7 (239.7T)	003.2	AA 01260	GS 01272
		RW24	030	MAP	TF		FO	0.3	246.7 (239.7T)	001.8	AT 00698	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		246.7 (239.7T)		AA 00876	
	ZUFIL	050		DF		FO				AA 03000	
	ZUFIL	060		HM	R	FO		066.5 (059.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AKEYE	N411852.97	W0825939.20	N4118.883	W08259.653
	EXKUP	N412030.81	W0825557.15	N4120.514	W08255.953
	HUDDZ	N411840.58	W0823035.35	N4118.676	W08230.589
	OBOZE	N412302.06	W0825013.02	N4123.034	W08250.217
	ZUFIL	N411227.01	W0831410.84	N4112.450	W08314.181
	RW24	N411758.39	W0830142.88	N4117.973	W08301.715

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00656	42

CITY AND STATE  
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