

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

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.

<u>AIRPORT</u> SANDUSKY COUNTY RGNL	<u>AIRPORT ID</u> S24	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> FREMONT	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 665	<u>TDZE</u> 665	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 7W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DAZEY	IAF	ZUFIL	NOPT	TF	FB	1.00	119.51	13.31	3000
ZUFIL	IF/IAF	VOYDO		TF	FB	1.00	066.52	5.00	2300
VOYDO	FAF	CODBA/2.10 NM TO RW06		TF	FB	0.30	066.58	2.90	
CODBA/2.10 NM TO RW06		RW06	MAP	TF	FO	0.30	066.58	2.10	
RW06	MAP	915 MSL		CA			066.58		
915 MSL		OBOZE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT OBOZE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD SW ZUFIL, RT, 066.52 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 066.58 **FAF:** VOYDO **DIST FAF TO MAP:** 5.00 **DIST FAF TO THLD:** 5.00
4. **MIN ALT:** ZUFIL 3000, VOYDO 2300, CODBA/2.10 NM TO RW06 1360*
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.65 **GS ANT:**
6. **MIN GP INCPT:** 2300 **GP ALT AT FAF :** VOYDO 2300 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 44.2
8. **MSA FROM:** RW06 3100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TOLEDO EXPRESS ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOLEDO EXPRESS ALTIMETER SETTING: INCREASE LPV DA TO 1008 FEET AND ALL VISIBILITIES 3/8 SM; INCREASE LNAV/VNAV DA TO 1041 FEET AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDA 100 FEET AND LNAV VISIBILITY CAT C AND D 3/8 SM AND CIRCLING VISIBILITY CAT C AND D 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART VDP AT 1.04 NM TO RW06*
 *LNAV ONLY
 WAAS CHANNEL #63022
 REFERENCE PATH ID: W06A
 CHART FAS OBST: 786 TREE 411659N/0830325W.
 HOLD NE, LT, 246.77 INBOUND
 LTP HAE: 167.2 M

MINIMUMS:

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

ALTERNATE: NA

CATEGORY:	A			B			C			D			E		
	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
LPV DA	915	3/4	250	915	3/4	250	915	3/4	250	915	3/4	250			
LNAV/VNAV DA	948	7/8	283	948	7/8	283	948	7/8	283	948	7/8	283			
LNAV MDA	1040	1	375	1040	1	375	1040	1	375	1040	1	375			
CIRCLING	1120	1	455	1160	1	495	1380	2	715	1380	2 1/4	715			



CHANGES - REASONS

1. REMOVED FEEDER REELS - FPT INITIATED; VORMON PROJECT.
2. CHANGED CHART NOTE: FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - 8260.19H, 8-6-9, S.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZOB, TOL APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE *Digitally signed by* **DATE**

WARDELL HENNING

Dec 09, 2019

DEVELOPED BY

WARDELL HENNING (RICHARD CHRISTENSEN)

Digitally signed by
WARDELL HENNING
Dec 09, 2019

OFFICE

AJV-A432

DATE

11/05/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by
WARDELL HENNING
Dec 09, 2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	S24
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	411730.9305N
LTP/FTP LONGITUDE	0830245.0595W
LTP/FTP ELLIPSOIDAL HEIGHT	+01672
FPAP LATITUDE	411815.9770N
FPAP LONGITUDE	0830103.0505W
THRESHOLD CROSSING HEIGHT (TCH)	00044.2
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)	50.0
CRC REMAINDER	98DAFC46

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02024
FPAP ORTHOMETRIC HEIGHT	+02024