

**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.

AIRPORT ID S24	PROCEDURE NAME RNAV (GPS) RWY 6	ORIGINAL/AMENDMENT 1C	CITY FREMONT	STATE OH
AIRPORT ELEVATION 665	TDZE 665	SUPERSEDED RNAV (GPS) RWY 6	DATED 03/26/2020	MAG VAR 7W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 JUNE 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2000
			CANCEL/SUSPEND	

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:

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



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TOL 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 TOL 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:

HOLD NE, LT, 246.77 INBOUND.
 CHART FAS OBST: 786 TREE (39-034121) 411659N/0830325W.
 CHART VDP AT 1.04 NM TO RW06.
 WAAS CHANNEL # 63022
 REFERENCE PATH ID: W06A
 CHART CIRCLING ICON.
 LTP HAE: 167.2 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
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. PROFILE LINE 4: CHANGED "ZUFIL 3000, VOYDO 2300, CODBA/2.10 NM TO RW06 1360*" TO "ZUFIL 3000, VOYDO 2300, CODBA/2.10 NM TO RW06 1360" – ASTERISK NO LONGER REQUIRED BY CURRENT CRITERIA.
2. PBN REQUIREMENTS NOTE: CHANGED "RNP APCH" TO "RNP APCH – GPS" – 8260.19J 8-6-8 D.(2)(5)(A)1.
3. CHART NOTE: CHANGED FROM "BARO-VNAV AND VDP NA WHEN USING TOLEDO EXPRESS ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING TOL ALTIMETER SETTING" – IAW 8260.19J 8-6-10E.(2)(A).
4. CHART NOTE: UPDATED FROM "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" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOL 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" – IAW 8260.19J 8-6-10E.(2)(A).
5. ADDITIONAL FLIGHT DATA: CHANGED ID CHART FAS OBST: FROM "786 (KS24T0129) TREE 411659N/0830325W" TO "786 (39-034121) TREE 411659N/0830325W – OBSTACLE ID FORMAT CHANGED.
6. ADDITIONAL FLIGHT DATA: REMOVED * FROM "CHART VDP AT 1.04 NM TO RW06" – ASTERISK NO LONGER REQUIRED BY CURRENT CRITERIA.
7. ADDITIONAL FLIGHT DATA: DELETED "*LNAV ONLY" - ASTERISK NO LONGER REQUIRED BY CURRENT CRITERIA.
8. MINIMUMS: CHANGED FROM "ALTERNATE: NA" TO "STANDARD – CAT D 800-2 ¼, NA WHEN LOCAL WEATHER NOT AVAILABLE" – WEATHER ADDED TO WMSCR.



AIRPORT ID
S24

PROCEDURE NAME
RNAV (GPS) RWY 6

ORIGINAL/AMENDMENT
1C

CITY
FREMONT

STATE
OH

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZOB, TOL APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

ROBERT G HAMILTON

Mar 12, 2025

OFFICE

DATE

AJV-A433

06/12/2025

DEVELOPED BY

ROBERT G HAMILTON (DANIEL R. JOHNSON)

Digitally signed by

ROBERT G HAMILTON

Mar 12, 2025

OFFICE

DATE

TITLE
MANAGER

ROBERT G HAMILTON

ROBERT G HAMILTON

Mar 12, 2025

AJV-A433

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
S24
RW06
0
0
W06A
411730.9305N
0830245.0595W
+01672
411815.9770N
0830103.0505W
00044.2
F
03.00
106.75
1072
40.0
50.0

CRC REMAINDER

98DAFC46

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02024
+02024

