

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 ID</u> KGDK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> DAYTON	<u>STATE</u> OH		
<u>AIRPORT ELEVATION</u> 949	<u>TDZE</u> 949	<u>SUPERSEDED</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
BONEE		PODIY		TF	FB	1.00	159.11	12.02	2700
SHIRT		ORBOE		TF	FB	1.00	299.24	7.08	2700
ORBOE	IAF	TUNNU	NOPT	TF	FB	1.00	338.25	6.40	2700
PODIY	IAF	TUNNU	NOPT	TF	FB	1.00	158.17	6.40	2700
TUNNU	IF/IAF	YONDU		TF	FB	1.00	248.21	6.66	2600
YONDU	FAF	IXAME/1.70 NM TO RW25		TF	FB	0.30	248.14	2.64	
IXAME/1.70 NM TO RW25		RW25	MAP	TF	FO	0.30	248.14	1.70	
RW25	MAP	1219 MSL		CA			248.14		
1219 MSL		UYOKO		DF	FO	1.00			2700

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT UYOKO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD E TUNNU, LT, 248.21 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	248.14	FAF: YONDU	DIST FAF TO MAP:	4.34	DIST FAF TO THLD: 4.34
4. MIN ALT:	TUNNU 2700, YONDU 2600, IXAME/1.70 NM TO RW25 1620				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	270 HAT: 0.62	GS ANT:
6. MIN GP INCPT:	2600	GP ALT AT PFAF :	YONDU 2600	OM:	MM: IM:
7. GP ANGLE:	3.50	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 40.0	
8. MSA FROM:	RW25 3100				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA FOR ARRIVALS AT BONEE ON T217 NORTHWEST BOUND.
CHART NOTE: PROCEDURE NA FOR ARRIVALS AT SHIRT ON V5 NORTHEAST BOUND.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.
CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING DAYTON-WRIGHT BROTHERS ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTON-WRIGHT BROTHERS ALTIMETER SETTING: INCREASE LPV DA TO 1249 FEET; INCREASE LNAV/VNAV DA TO 1252 FEET; INCREASE ALL MDA 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1072 TOWER 394123N/0835906W
HOLD W, RT, 067.93 INBOUND.
CHART VDP AT 0.97 NM TO RW25.
WAAS CHANNEL # 56602
REFERENCE PATH ID: W25A
CHART CIRCLING ICON.
LTP HAE: 256 M



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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	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	1219	1	270	1219	1	270	1219	1	270		NA				
LNAV/VNAV DA	1222	1	273	1222	1	273	1222	1	273		NA				
LNAV MDA	1340	1	391	1340	1	391	1340	1 1/8	391		NA				
CIRCLING	1480	1	531	1480	1	531	1560	1 3/4	611		NA				

CHANGES - REASONS

- 1. INCORPORATED ALL CHANGES FROM P NOTAM 1/3479 - 8260.19I 8-3-4.C(3)
- 2. CHANGED AIRPORT ID FROM I19 TO KGDK - NEW AIRPORT DATA
- 3. DECREASED RNP VALUE FOR LEGS BONEE-PODIY AND SHIRT-ORBOE FROM 2.00 TO 1.00 - PER IFP POLICY
- 4. REMOVED ASTERISK NOTE SYMBOL FROM PROFILE LINE 4 - NO LONGER REQUIRED IN CURRENT CRITERIA
- 5. REMOVED ASTERISK FROM ADDITIONAL FLIGHT DATA CHART VDP AT 0.97 NM TO RW25 NOTE - NO LONGER REQUIRED IN CURRENT CRITERIA
- 6. REMOVED *LNAV ONLY FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED IN CURRENT CRITERIA
- 7. REMOVED RESTRICTION FOR ARRIVALS AT BONEE ON V12 WESTBOUND - V12 CANCELLED
- 8. CHANGED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH - GPS - 8260.19I 8-6-8
- 9. CHANGED ALTERNATE MINS FROM NA TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - KGDK AWOS-3 ON WMSCR
- 10. CHANGED FAS DATA AIRPORT IDENTIFIER FROM I19 TO KGDK - PER AIRNAV DATA
- 11. CHANGED FAS DATA CRC REMAINDER FROM 79D5F5D9 TO 9152272F - AIRPORT ICAO ID CHANGED

COORDINATED WITH:

~~A4A~~ ☐ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☐ ~~HAI~~ ☐ ~~NBAA~~ ☒ **OTHER:** ZID, DAY APP CON, AMGR

FLIGHT CHECKED BY SCOTT WIEBE	<i>Digitally signed by</i> JOHN BORDY Aug 01, 2023	OFFICE FPO	DATE 07/27/2023	
DEVELOPED BY CASIMIR L. TABAKA (JON NEIDIGH)	<i>Digitally signed by</i> JOHN BORDY Aug 01, 2023	OFFICE AJV-A432	DATE 11/30/2023	
APPROVED BY JOHN BORDY	<i>Digitally signed by</i> JOHN BORDY Aug 01, 2023	OFFICE AJV-A33	DATE 08/01/2023	TITLE MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGDK
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	394137.7685N
LTP/FTP LONGITUDE	0835905.5000W
LTP/FTP ELLIPSOIDAL HEIGHT	+02560
FPAP LATITUDE	394057.3860N
FPAP LONGITUDE	0840048.4060W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9152272F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02891
FPAP ORTHOMETRIC HEIGHT	+02891

