

**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> GREENE COUNTY-LEWIS A JACKSON RGNL	<u>AIRPORT ID</u> KI19	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 1	<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SUPERSEDED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> ORIG-A	<u>DATED</u> 12/20/2007	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<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	2.00	159.11	12.02	2700
SHIRT		ORBOE		TF	FB	2.00	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 FAF : 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.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: PROCEDURE NA FOR ARRIVALS AT BONEE ON V12 WESTBOUND AND 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  
CHART CIRCLING ICON.  
CHART VDP AT 0.97 NM TO RW25\*  
\*LNAV ONLY  
WAAS CHANNEL #56602  
REFERENCE PATH ID: W25A  
HOLD W, RT, 067.93 INBOUND  
LTP HAE: 256 M

MINIMUMS:

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

ALTERNATE: NA ☒

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				

QUALITY  
6  
CHECKED

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
GREENE COUNTY-LEWIS A JACKSON RGNL	KI19	RNAV (GPS) RWY 25	1	DAYTON	OH

# **CHANGES - REASONS**

1. (PFAF) YONDU FIX MOVED TO 394335.533N 0835404.844W - INCORPORATE 3.50 DEGREE SLOPE REQUEST.
2. TCH SET TO 40 FEET - MEET BUILD REQUEST
3. GLIDE PATH ANGLE SET TO 3.50 DEGREES FROM 3.0 DEGREES - MEET BUILD REQUEST
4. LPV DA CHANGED FROM 1196 TO 1219 ALL CATS - NEW BUILD EVALUATION
5. LNAV MDA MINIMUMS REDUCED FROM 1440 TO 1340 ALL CATS - NEW BUILD EVALUATION
6. NEW CIRCLING MINIMUMS CATS A-C - NEW BUILD EVALUATION
7. FIX PODIY MOVED FROM CURRENT POSITION TO 395219.127N/0835007.010W - MEET CURRENT CRITERIA; LEG LENGTH NOT MEETING BUILD REQUIREMENTS. 5.0NM V/S REQUIRED 6.4NM DUE TO 90 DEGREE TURN
8. FIX ORBOE MOVED FROM CURRENT POSITION TO 394053.007N/0834238.029W - MEET CURRENT CRITERIA; LEG LENGTH NOT MEETING BUILD REQUIREMENTS. 5.0NM V/S REQUIRED 6.4NM DUE TO 90 DEGREE TURN
9. FIX IXAME MOVED FROM CURRENT POSITION TO 394223.971N/0835707.658W - MATCH 3.50 DEGREE SLOPE REQUESTED BY FPT
10. UPDATED ALL VIS CATEGORIES - NEW VIS CHECK EVALUATION.
11. DISTANCE FAF TO MAP MOVED FROM 4.99 TO 4.34 DME - MEET 3.50 DEGREE BUILD REQUEST.
12. STEPDOWN FIX IXAME MOVED TO 1.7 NM TO RWY 25 AND ALT CHANGED FROM 1560 TO 1620 - MEET 3.50 DEGREE BUILD REQUEST.
13. BONEE TO PODIY DISTANCE CHANGED FROM 13.42 TO 12.02 - MEET CURRENT BUILD CRITERIA
14. SHIRT TO ORBOE DISTANCE CHANGE FROM 8.22 TO 7.08 - MEET CURRENT BUILD CRITERIA
15. ORBOE TO TUNNU DISTANCE CHANGED FROM 5.00 TO 6.40 - MEET CURRENT BUILD CRITERIA
16. PODIY TO TUNNU DISTANCE CHANGED FROM 5.00 TO 6.40 - MEET CURRENT BUILD CRITERIA
17. TUNNU TO YONDU DISTANCE CHANGED FROM 6.01 TO 6.66 - MEET 3.50 DEGREE SLOPE REQUESTED BY FPT.
18. VDP CHANGED FROM 1.08 TO .97 - MEET 3.50 DEGREE SLOPE REQUESTED BY FPT.
19. AIRFIELD ELEVATION CHANGE FROM 946 TO 949 - NEW VG SURVEY DATA
20. TDZE CHANGED FROM 946 TO 949 - NEW VG SURVEY DATA
21. REMOVED DME-DME - NO LONGER REQUIRED PER 8260.19H
22. ADDED RNP APPROACH - IN ACCORDANCE WITH 8260.19H 8-6-8 B 1
23. CRC REMAINDER CHANGED FROM CE284F9A TO 79D5F5D9 - GPA CHANGED FROM 3.00 TO 3.50.



**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

*Digitally signed by*

**DAVID DANNER**

Nov 01, 2018

**OFFICE**

FICO

**DATE**

10/30/18

**DEVELOPED BY**

LONNIE EVERHART (RALPH MILLER)

*Digitally signed by*

**DAVID DANNER**

**OFFICE**

AJV-5400

**DATE**

07/05/2018

**APPROVED BY**

*Digitally signed by* Nov 01, 2018

**DAVID DANNER**

**OFFICE**

AJV-5400

**DATE**

**TITLE**

MANAGER

LONNIE EVERHART

Nov 01, 2018

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	I19
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	79D5F5D9
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**ADDITIONAL PATH POINT RECORD INFORMATION**

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

