

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> K119	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> DAYTON	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 949	<u>TDZE</u> 932	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 12/20/2007	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

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>
JENEY	IAF	UYOKO	NOPT	TF	FB	1.00	343.03	16.07	2700
CINPA	IAF	UYOKO	NOPT	TF	FB	1.00	110.12	7.91	2700
UYOKO	IF/IAF	WANKU		TF	FB	1.00	067.93	6.71	2700
WANKU	FAF	NINRE/2.50 NM TO RW07		TF	FB	0.30	068.01	2.21	
NINRE/2.50 NM TO RW07		RW07	MAP	TF	FO	0.30	068.01	2.50	
RW07	MAP	1205 MSL		CA			068.01		
1205 MSL		TUNNU		DF	FO	1.00			2700

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT TUNNU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W UYOKO, RT, 067.93 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 068.01 FAF: WANKU DIST FAF TO MAP: 4.71 DIST FAF TO THLD: 4.71

4. MIN ALT: UYOKO 2700, WANKU 2700, NINRE/2.50 NM TO RW07 1860*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 273 HAT: 0.69 GS ANT: MM: IM:

6. MIN GP INCPT: 2700 GP ALT AT FAF : WANKU 2700 OM:

7. GP ANGLE: 3.50 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 40.0

8. MSA FROM: RW07 3100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE (ANGLE)/TCH (FEET)).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTON-WRIGHT BROTHERS ALTIMETER SETTING: INCREASE LPV DA TO 1235 FEET; INCREASE LNAV/VNAV DA TO 1268 FEET; INCREASE ALL MDA 40 FEET AND LNAV VISIBILITY CAT C 1/8 SM.
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NM NOT AUTHORIZED.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING DAYTON-WRIGHT BROTHERS ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.
CHART NOTE: PROCEDURE NA FOR ARRIVALS AT JENEY ON V5 SOUTHWEST BOUND.
CHART NOTE: PROCEDURE NA FOR ARRIVALS AT CINPA ON V47 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1057 POLE 394045N/0840010W
CHART CIRCLING ICON.
CHART VDP AT 1.02 NM TO RW07*
*LNAV ONLY
WAAS CHANNEL #97702
REFERENCE PATH ID: W07A
HOLD E, LT, 248.21 INBOUND
LTP HAE: 244.1 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	1205	1	273	1205	1	273	1205	1	273		NA				
LNAV/VNAV DA	1238	1	306	1238	1	306	1238	1	306		NA				
LNAV MDA	1320	1	388	1320	1	388	1320	1 1/8	388		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 7	1	DAYTON	OH

CHANGES - REASONS

1. PFAF WANKU MOVED TO 393907.178N/0840528.750W - MAINTAIN CURRENT BUILD ALTITUDE AND MEET 3.50 DEGREE SLOPE REQUEST BY FPT.
2. FIELD ELEVATION UPDATED FROM 946 TO 949 - NEW VG SURVEY
3. TDZE UPDATED FROM 936 TO 932 NEW VG SURVEY.
4. NINRE CROSSING ALTITUDE CHANGED FROM 1820 TO 1860 - MEET 3.50 DEGREE SLOPE BUILD REQUEST BY FPT
5. LNAV/VNAV CATEGORY ADDED - PER FPT REQUEST.
6. GPA/GS ANGLE CHANGED FROM 3.00 TO 3.50 - PER FPT BUILD REQUEST.
7. UYOKO TO WANKU DISTANCE UPDATED FROM 6.10 TO 6.71 - WANKU MOVED TO INTEGRATE 3.50 DEGREE SLOPE PER FPT REQUEST
8. DISTANCE FAF TO MAP/THLD UPDATED FROM 5.40 TO 4.71 - WANKU MOVED TO INTEGRATE 3.50 DEGREE SLOPE PER FPT REQUEST
9. UPDATED CAT A AND B CIRCLING ALT FROM 1460 TO 1480 - NEW BUILD EVALUATION
10. UPDATED CAT C CIRCLING ALT FROM 1460 TO 1560 - NEW BUILD EVALUATION
11. UPDATED LNAV CAT C VIS FROM 1NM TO 1 1/8 NM - NEW BUILD EVALUATION
12. UPDATED CIRCLING CAT C VIS FROM 1 1/2 NM TO 1 3/4 NM - NEW BUILD EVALUATION
13. CRC REMAINDER CHANGED FROM 47374D66 TO FDEBA4BF - NEW BUILD EVALUATION
14. ADDED HELICOPTER VISIBILITY REDUCTION NOTE.
15. ADDED RNP APPROACH - IN ACCORDANCE WITH 8260.19H 8-6-8 B 1
16. ADDED 20:1 IS CLEAR TO LINE 7 - NEW BUILD EVALUATION.



AIRPORT

GREENE COUNTY-LEWIS A JACKSON
RGNL

AIRPORT ID

K119

PROCEDURE NAME

RNAV (GPS) RWY 7

ORIGINAL/AMENDMENT

1

CITY

DAYTON

STATE

OH

COORDINATED WITH:

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

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

LONNIE EVERHART (RALPH MILLER)

OFFICE

AJV-5400

DATE

07/06/2018

APPROVED BY

LONNIE EVERHART

OFFICE

AJV-5400

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	I19
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	394115.3820N
LTP/FTP LONGITUDE	0840002.5590W
LTP/FTP ELLIPSOIDAL HEIGHT	+02441
FPAP LATITUDE	394155.7530N
FPAP LONGITUDE	0835819.6385W
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	FDEBA4BF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02772
FPAP ORTHOMETRIC HEIGHT	+02772



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
GREENE COUNTY-LEWIS A JACKSON RGNL	KI19	RNAV (GPS) RWY 7	1	DAYTON	OH	949	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM JENEY TO UYOKO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	16.07										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (39-000042)	393411.12N/0841110.16W	1357	50	20	2C	1000				AT343	2700
2.TERRAIN	393257.00N/0840930.00W	1063 (1100)								AS1500	2600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

INITIAL

FROM CINPA TO UYOKO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	7.91										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (39-002564)	393705.41N/0841410.02W	1214	50	20	2C	1000				AT486	2700
4.TERRAIN	393627.00N/0842454.00W	921 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



MISSED APPROACH : LNAV

FROM

RW07

TO

TUNNU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
							1220				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2700
12.TOWER (39-000595)	394546.00N/0835259.00W	1403	250	50	4D	1000					2500
13.TERRAIN	394657.00N/0834700.00W	1099 (1100)								AS1500	2600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT
REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
15.TANK (39-003231)	394060.00N/0835818.00W	1.30	531	1123	250	50	4D	300		AC50	1480
CATEGORY B											
15.TANK (39-003231)	394060.00N/0835818.00W	1.84	531	1123	250	50	4D	300		AC50	1480
CATEGORY C											
16.TOWER (39-000698)	394254.97N/0835547.44W	2.89	611	1256	20	20	1C	300			1560

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW07	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (39-001362)	394328.61N/0841517.58W	286	12.0	2049	100	20	3C	1000			3100

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

VEGETATION HEIGHT: 100FT.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZID ARTCC, DAY APP CON, DAY FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS	KI19	24	KI19	0	N	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	KMGY	24	KMGY	12.39	Y	30

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KI19 949, KMGY 957
RA = 29.58.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW07 - REIL, PAPI-2L (PCL), LIRL (PCL)		NPI-G	
RW25 - REIL (PCL), LIRL (PCL), PAPI-2L (PCL)		NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.50	909.6	40.0			3.50	29.8

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-16C	+54C	-16C	+13.121C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 966 HIGH TEMP 1122.

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV, LNAV/VNAV, AND LNAV		
34:1			
967 TREE (39-078650) 394104.20N/0840021.28W (9.83)		945 TREE (39-078308) 394107.52N/0840014.73W (5.74)	



967 TREE (39-078370) 394102.27N/0840023.93W (1.80)	940 TREE (39-078209) 394107.58N/0840014.53W (1.23)
961 TREE (39-078631) 394103.77N/0840022.49W (0.77)	976 TREE (39-078754) 394100.23N/0840027.50W (0.73)

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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GREENE COUNTY-LEWIS A JACKSON RGNL	KI19	RNAV (GPS) RWY 7	1	DAYTON	OH	949	RNAV

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.83
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	063.01
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	988
DISTANCE FROM	THLD	TO 1500FT POINT	7.69
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	063.01
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	988

THRESHOLD
COORDINATES
(IF STR-IN)394115.38N/0840002.56W

ARP COORDINATES394126.60N/0835934.00W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 7 DISTANCE 0.41 NM

FAF
COORDINATES393907.18N/0840528.75W

FIX NAME
COORDINATES

REMARKS



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
GREENE COUNTY-LEWIS A JACKSON RGNL	KI19	RNAV (GPS) RWY 7	1	DAYTON	OH	949	RNAV

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART (RALPH MILLER)	AJV-5400	07/06/2018	AERONAUTICAL INFORMATION SPECIALIST

