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	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
DVK	RNAV (GPS) RWY 13	1A	DANVILLE	KY

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
1021	1017	RNAV (GPS) RWY 13	1	01/27/2022	3W	1995

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MAUDD	IAF	ZUTOB		TF	FB	1.00	134.12	9.27	2900
MCFEE	IAF	ZUTOB		TF	FB	1.00	209.38	11.51	2900
ZUTOB	IF	GAGCE		TF	FB	1.00	124.41	6.01	2900
GAGCE	FAF	RW13	MAP	TF	FO	0.30	124.48	5.81	
RW13	MAP	1421 MSL		CA			124.48		
1421 MSL		HANAD		DF	FB	1.00			
HANAD		FLICK		TF	FB	1.00	045.77	6.61	
FLICK		REILY		TF	FO	1.00	014.92	7.30	3000

MISSED APPROACH

MAP:

LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HANAD AND ON TRACK 045.77 TO FLICK AND ON TRACK 014.92 TO REILY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT ZUTOB
3. **FAC:** 124.48 **FAF:** GAGCE **DIST FAF TO MAP:** 5.81 **DIST FAF TO THLD:** 5.81
4. **MIN ALT:** ZUTOB 2900, GAGCE 2900
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
6. **MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
8. **MSA FROM:** RW13 3600

QUALITY 42 CHECKED

PBN REQUIREMENTS NOTE:
RNP APCH - GPS.

NOTES:
CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAUDD ON V310.
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 013.69 INBOUND.
CHART FAS OBST: 1413 TREE (21-095849) 373546N/0844933W.
GAGCE TO RW13: 3.00/34.

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
LNAV MDA	1680	1	663	1680	1	663	1680	1 7/8	663	1680	1 7/8	663			

QUALITY 42 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
DVK	RNAV (GPS) RWY 13	1A	DANVILLE	KY

CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED CA LEG ALTITUDE FROM “1267 MSL” TO “1421 MSL” – IAW 8260.58D, 3-5-2B.
2. MISSED APPROACH: REMOVED “LPV: DA, LNAV/VNAV: DA” – LPV AND LNAV/VNAV MINIMUMS REMOVED PER FDC NOTAM 6/0114.
3. PROFILE LINE 5: REMOVED “5.81, 250 HAT:0.68” – MINIMUMS REMOVED DUE TO VGS PENETRATIONS
4. PROFILE LINE 6: REMOVED “2900, GAGCE 2900” - MINIMUMS REMOVED DUE TO VGS PENETRATIONS
5. PROFILE LINE 7: REMOVED “3.00”, CHANGED FROM “20:1: IS CLEAR” TO “20:1: IS NOT CLEAR” – REMOVED LPV AND LNAV/VNAV MINIMUMS, PENETRATIONS EXIST.
6. NOTES: CHANGED HELICOPTER VISIBILITY REDUCTION FROM “3/4 SM” TO “1 SM” – 20:1 PENETRATIONS EXIST.
7. NOTES: CHANGED FROM “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAUDD ON V310 NORTHWEST BOUND” TO “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAUDD ON V310” – CLEARS FDC NOTAM 6/0114.
8. NOTES: REMOVED “CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C” – LNAV/VNAV MINIMUMS REMOVED PER FDC NOTAM 6/0114.
9. NOTES: ADDED “PROCEDURE NA AT NIGHT” – UNLIT 20:1 PENETRATIONS EXIST.
10. ADDITIONAL FLIGHT DATA: CHANGE FROM “CHART FAS OBST: 1401 TREE (21-023510) 373534N/0844900W” TO “CHART FAS OBST: 1413 TREE (21-095849) 373546N/0844933W” – NEW CONTROLLING OBSTACLE.
11. ADDITIONAL FLIGHT DATA: REMOVED “CHART VDP AT 1.88 NM TO RW13” – 20:1 PENETRATIONS EXIST.
12. ADDITIONAL FLIGHT DATA: REMOVED “WAAS CHANNEL # 93706, REFERENCE PATH ID: W13A, LTP HAE: 276.8 M” – LPV AND LNAV/VNAV MINIMUMS REMOVED PER FDC NOTAM 6/0114.
13. ADDITIONAL FLIGHT DATA: ADDED “GAGCE TO RW13: 3.00/34” – IAW 8260.19K, 8-6-11O(1).
14. MINIMUMS: REMOVED LPV AND LNAV/VNAV MINIMUMS – CLEARS FDC NOTAM 6/0114.
15. MINIMUMS: RAISED LNAV MDA/HAT AND CAT C/D VISIBILITY FROM “1660/643, 1 3/4 SM” TO “1680/663, 1 7/8 SM” – NEW CONTROLLING OBSTACLE.
16. REMOVED ALL ASSOCIATED FAS DATA - LPV AND LNAV/VNAV MINIMUMS REMOVED PER FDC NOTAM 6/0114.

COORDINATED WITH:

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

FLIGHT CHECKED BY		OFFICE	DATE
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION	*Digitally signed by* ***CASEY D HILL*** Oct 01, 2026		

DEVELOPED BY		OFFICE	DATE
CASEY HILL (ROBERT A. SWINSON)	*Digitally signed by* ***CASEY D HILL*** Oct 01, 2026	AJV-A431	08/11/2026

APPROVED BY		OFFICE	DATE	TITLE
CASEY HILL	*Digitally signed by* ***CASEY D HILL*** Oct 01, 2026	AJV-A431		MANAGER

QUALITY 42 CHECKED

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVK	RNAV (GPS) RWY 13	1A	DANVILLE	KY	1021	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM	TO
MAUDD	ZUTOB

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	9.27				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-062660)	374322.21N/0850051.98W	1237	20	3	1A	1000				AT663	2900
TERRAIN	373951.00N/0850121.00W	1003 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM	TO
MCFEE	ZUTOB

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	11.51				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-000518)	374444.00N/0845450.00W	1240	250	50	4D	1000				AT660	2900
TERRAIN	374042.00N/0850106.00W	987 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 42 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVK	RNAV (GPS) RWY 13	1A	DANVILLE	KY	1021	RNAV

INTERMEDIATE

FROM	TO
ZUTOB	GAGCE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	6.01				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	373706.00N/0845450.00W	1247	215	8	4B	500				AT1153	2900
TERRAIN	373706.00N/0845403.00W	1046 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
GAGCE	RW13

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	5.81		RW13	663	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (21-095849)	373545.68N/0844932.59W	1413	20	3	1A	250					1680

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 42 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVK	RNAV (GPS) RWY 13	1A	DANVILLE	KY	1021	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW13	REILY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1551

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (21-001312)	372957.38N/0844132.98W	1703	20	3	1A	1000				SA-175	2600
TERRAIN	373012.00N/0844112.00W	1305 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☐ CAT A ☐ CAT B ☐ CAT C ☐ CAT D ☐ CAT E ☒ NOT AUTHORIZED

MSA

CENTER	RADIUS
RW13	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (21-000208)	371002.74N/0844929.72W	189	24.8	2533	250	50	4D	1000			3600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:
PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
LEX APP CON, ZID ARTCC, LOU FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	DVK	24	DVK		Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

QUALITY 42 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVK	RNAV (GPS) RWY 13	1A	DANVILLE	KY	1021	RNAV

ASOS	LEX	24	LEX	28.56	Y	72

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
DVK 1021, LEX 980
RA = 71.6.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW01	BSC-G	
RW19	BSC-G	
RW13 - MIRL (PCL), PAPI-4L (PCL)	NPI-G	
RW31 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	35.1

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	[X]	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	[X]	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LNAV
20:1	
1056 TREE (21-095609) 373448.7600N/0844638.5400W (19.3)	1044 TREE (21-095483) 373449.5900N/0844638.7900W (4.24)
1044 TREE (21-095982) 373449.4600N/0844639.8500W (0.95)	
FINAL TYPE	LNAV
34:1	
1050 TREE (21-095461) 373450.1100N/0844641.8900W (13.5)	1083 TREE (21-023502) 373459.4100N/0844651.7200W (12.19)
1043 TREE (21-095930) 373449.7400N/0844639.7200W (11.45)	1041 TREE (21-096095) 373449.7400N/0844640.3500W (8.18)

QUALITY 42 CHECKED

1043 TREE (21-095532) 373449.9700N/0844641.3100W (7.89)	1059 TREE (21-095704) 373456.8400N/0844643.9700W (7.83)
1062 TREE (21-095558) 373457.5400N/0844645.1500W (7.36)	1077 TREE (21-095850) 373458.3300N/0844652.4000W (6.5)
1053 TREE (21-095764) 373456.7300N/0844642.5900W (4.79)	1039 TREE (21-096031) 373449.9200N/0844641.0100W (4.57)
1056 TREE (21-095969) 373456.8800N/0844644.5200W (3.66)	1078 TREE (21-023521) 373459.1800N/0844654.0000W (2.95)
1035 TREE (21-095756) 373449.8000N/0844640.0000W (2.79)	1079 TREE (21-096071) 373458.8000N/0844655.6900W (1.13)
1027 TREE (21-095478) 373449.0300N/0844637.9100W (0.21)	
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
100 FT VEGETATION USED PER FPT.
TAA NOT DEVELOPED PER ATC REQUEST.
PROCEDURE NA AT NIGHT - UNLIT 20:1 PENETRATIONS.
REMOVED LPV AND LNAV/VNAV MINIMUMS - VGS PENETRATIONS.
VDP NA - 20:1 PENETRATIONS.
CIRCLING MINIMUMS REMOVED BY P-NOTAM 9/5139 FOR NPA CIRCLING CANCELLATION.
FOR CONTINGENCY PURPOSE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEX ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND VISIBILITY CAT B/C/D 1/4 SM.

QUALITY 42 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVK	RNAV (GPS) RWY 13	1A	DANVILLE	KY	1021	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**	3.81
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	121.48
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	1300
DISTANCE FROM	THLD	**TO 1500FT POINT**	5.61
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.95
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	121.48
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	1300

THRESHOLD COORDINATES (IF STR-IN)	373447.47N/0844630.21W
ARP COORDINATES	373439.22N/0844610.16W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 31 DISTANCE 0.53 NM
FAF COORDINATES	373749.89N/0845244.26W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASEY HILL (ROBERT A. SWINSON)	AJV-A431	08/11/2026	AERONAUTICAL INFORMATION SPECIALIST

