

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
SEGPE (IAF)	NUGBE (NOPT) (FB)	223.84 / 6.71	2500	LP: RW31 LNAV: RW31			
UXEWE (IAF)	NUGBE (NOPT) (FB)	011.83 / 7.59	2500				
NUGBE (IF/IAF)	ZUVNI (FB)	313.64 / 6.19	2100	CLIMB TO 3100 DIRECT ZOVGI AND ON TRACK 334.21 TO ENTUK AND HOLD.			
ZUVNI (FAF)	JEGUX/2.50 NM TO RW31 (FB)	313.58 / 2.31					
JEGUX/2.50 NM TO RW31	RW31 (MAP) (FO)	313.58 / 2.50		<b>ADDITIONAL FLIGHT DATA:</b> HOLD NW, RT, 154.21 INBOUND. CHART FAS OBST: 730 TREE 363326N/0791859W CHART FAS OBST: 711 TREE 363332N/0791834W CHART VDP AT 1.36 MILES TO RW31 WAAS CHANNEL # 93631 REFERENCE PATH ID: W31A ZUVNI TO RW31 3.00/40 LTP HAE: 129.1 M			
RW31 (MAP)	971 MSL	313.58					
(SEE FORM 8260-10)							

  

1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)	
2. HOLD SE NUGBE, RT, 313.64 INBOUND, 2500 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>313.58</u> FAF: <u>ZUVNI</u> DIST FAF TO MAP: <u>4.81</u> THLD: <u>4.81</u>	
4. MIN. ALT: NUGBE 2500, ZUVNI 2100, JEGUX/2.50 NM TO RW31 1360	
5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u>	
6. MIN GS INCPT: <u>      </u> GS ALT AT: <u>      </u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u>	
7. GS ANGLE: <u>      </u> TCH: <u>34:1</u> IS NOT CLEAR	
8. MSA FROM: RW31 3300	

  

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		@STANDARD						
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	980	1	452	980	1	452		NA			NA				
LNAV MDA	1000	1	472	1000	1	472		NA			NA				
CIRCLING	1040	1	469	1040	1	469		NA			NA				

  

<b>NOTES:</b> CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO, NC ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VDP NA WITH ROXBORO, NC ALTIMETER SETTING. (SEE FORM 8260-10)		@NA WHEN LOCAL WEATHER NOT AVAILABLE.	
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CITY AND STATE  DANVILLE, VA	ELEVATION: 571    THRE: 528	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 7 MARCH 2013	SUP:
	AIRPORT NAME:  DANVILLE RGNL			AMDT: NONE
				DATED

QUALITY  
4  
CHECKED

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RNAV - STANDARD  
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
971 MSL	ZOVGI (FB)		
ZOVGI	ENTUK (FO)	334.21 / 10.71	3100

NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

QUALITY  
4  
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CITY AND STATE  
DANVILLE, VA

ELEVATION: 571 THRE: 528  
AIRPORT NAME:  
DANVILLE RGNL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) RWY 31, ORIG  
7 MARCH 2013

SUP:  
AMDT: NONE  
DATED:

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDAN
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	363419.5600N
LTP/FTP LONGITUDE	0791937.5600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01291
FPAP LATITUDE	363510.1200N
FPAP LONGITUDE	0792108.7000W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER

1A0F2ED1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01608
FPAP ORTHOMETRIC HEIGHT	+01608

CITY AND STATE DANVILLE, VA	ELEVATION: 571      THRE: 528	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 7 MARCH 2013	SUP:
	AIRPORT NAME: DANVILLE RGNL			AMDT: NONE
				DATED:



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDANK6FR31	ANUGBE	010NUGBEK7EA0EE	AR	HF		31360040	+	02500	18000		A	JS
SUSAP	KDANK6FR31	ASEGPE	010SEGPEK6EA0E	A	IF					18000		A	JS
SUSAP	KDANK6FR31	ASEGPE	020NUGBEK7EA0EE	B	010TF		22380067	+	02500			A	JS
SUSAP	KDANK6FR31	AUXEWE	010UXEWEK7EA0E	A	IF					18000		A	JS
SUSAP	KDANK6FR31	AUXEWE	020NUGBEK7EA0EE	B	010TF		01180076	+	02500			A	JS
SUSAP	KDANK6FR31	R	010NUGBEK7EA0E	I	IF			+	02500	18000		A	JS
SUSAP	KDANK6FR31	R	020ZUVNIK7EA1E	F	051TF		31360062	+	02100		RW31	K6PGA	JS
SUSAP	KDANK6FR31	R	020ZUVNIK7EA2WALP			N	ALNAV						JS
SUSAP	KDANK6FR31	R	021JEGUXK6EA0E	S	031TF		31360023	V	0136001363	-300		A	JS
SUSAP	KDANK6FR31	R	030RW31 K6PGOGY	M	031TF		31360025		00568	-300		A	JS
SUSAP	KDANK6FR31	R	040	0	M	CA	3136	+	00971			A	JS
SUSAP	KDANK6FR31	R	050ZOVGIK6EA0E		DF							A	JS
SUSAP	KDANK6FR31	R	060ENTUKK6EA0EY		010TF		3342	+	03100			A	JS
SUSAP	KDANK6FR31	R	070ENTUKK6EA0EE	R	HM		15420040	+	03100			A	JS

[illegible][illegible]

QUALITY  
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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	-----												
	SUSAP KDANK6SRW31 K6PG	0	18018003325									M	

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CHECKED

CITY AND STATE <b>DANVILLE, VA</b>	ELEVATION: <b>571</b> THRE: <b>528</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 31, ORIG</b> <b>7 MARCH 2013</b>	SUP:
	AIRPORT NAME: <b>DANVILLE RGNL</b>			AMDT: <b>NONE</b>
				DATED:

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NUGBE	NUGBE	010	IAF	HF	R	FO		313.6(304.6T)	004.0	AA 02500	
	SEGPE	SEGPE	010	IAF	IF		FB					
	SEGPE	NUGBE	020		TF		FB	1.0	223.8(214.8T)	006.7	AA 02500	
	UXEWE	UXEWE	010	IAF	IF		FB					
	UXEWE	NUGBE	020		TF		FB	1.0	011.8(002.8T)	007.6	AA 02500	
		NUGBE	010	FACF	IF		FB				AA 02500	
		ZUVNI	020	PAF	TF		FB	0.5	313.6(304.6T)	006.2	AA 02100	
		JEGUX	021	SDF	TF		FB	0.3	313.6(304.6T)	002.3	AA 01360	GS 01363
		RW31	030	MAP	TF		FO	0.3	313.6(304.6T)	002.5	AT 00568	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		313.6(304.6T)		AA 00971	
	ZOVGI	050		DF		FB					
	ENTUK	060		TF		FO	1.0	334.2(325.2T)		AA 03100	
	ENTUK	070		HM	R	FO		154.2(145.2T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENTUK	N364558.11	W0793218.87	N3645.969	W07932.315
	JEGUX	N363254.39	W0791704.19	N3632.907	W07917.070
	NUGBE	N362804.41	W0790823.45	N3628.074	W07908.391
	SEGPE	N363335.59	W0790338.08	N3633.593	W07903.635
	UXEWE	N362029.17	W0790851.30	N3620.486	W07908.855
	ZOVGI	N363709.20	W0792443.38	N3637.153	W07924.723
	ZUVNI	N363135.59	W0791442.47	N3631.593	W07914.708
	RW31	N363419.56	W0791937.56	N3634.326	W07919.626

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00528	40

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CITY AND STATE <b>DANVILLE, VA</b>	ELEVATION: <b>571</b>	THRE: <b>528</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			<b>RNAV (GPS) RWY 31, ORIG</b>	AMDT: <b>NONE</b>
	<b>DANVILLE RGNL</b>	<b>RNAV</b>	<b>7 MARCH 2013</b>	DATED:	