

**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.

<b>AIRPORT ID</b> DNV	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 21	<b>ORIGINAL/AMENDMENT</b> ORIG-C	<b>CITY</b> DANVILLE	<b>STATE</b> IL
<b>AIRPORT ELEVATION</b> 697	<b>TDZE</b> 697	<b>SUPERSEDED</b> RNAV (GPS) RWY 21	<b>ORIGINAL/AMENDMENT</b> ORIG-B	<b>DATED</b> 12/02/2021
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 30 NOVEMBER 2023	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>MAG VAR</b> 1W
				<b>EPOCH YEAR</b> 1985
				<b>CANCEL/SUSPEND</b>

**TERMINAL ROUTES**

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 23-25.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
VAGES	IAF	COSMA	NOPT	TF	FB	1.00	250.01	10.33	2600
WEARS	IAF	COSMA	NOPT	TF	FB	1.00	141.26	12.79	2600
COSMA	IF/IAF	WEBAG		TF	FB	1.00	210.29	7.87	2600
WEBAG	FAF	RW21	MAP	TF	FO	0.30	210.24	5.74	
RW21	MAP	990 MSL		CA			210.24		
990 MSL		ATULE		DF	FO	1.00			2300

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW21

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2300 DIRECT ATULE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD NE COSMA, RT, 210.29 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 210.24 FAF: WEBAG DIST FAF TO MAP: 5.74 DIST FAF TO THLD: 5.74
- MIN ALT: COSMA 2600, WEBAG 2600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 293 HAT: 0.78 GS ANT: MM: IM:
- MIN GP INCPT: 2600 GP ALT AT FAF: WEBAG 2600
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 45.9
- MSA FROM: RW21 3000

QUALITY  
31  
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 12 AND 30.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO 1 SM AND LNAV CAT D VISIBILITY TO 1 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 030.12 INBOUND.  
CHART FAS OBST: 803 ELEVATOR (17-023571) 401617N/0873236W.  
CHART 809 ANTENNA (KDNVT003) 401654N/0873055W.  
CHART VDP AT 1.06 NM TO RW21.  
WAAS CHANNEL # 58004  
REFERENCE PATH ID: W21A  
LTP HAE: 179.8 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	990	1/2	293	990	1/2	293	990	1/2	293	990	1/2	293			
LNAV/VNAV DA	1069	3/4	372	1069	3/4	372	1069	3/4	372	1069	3/4	372			
LNAV MDA	1080	1/2	383	1080	1/2	383	1080	1/2	383	1080	1	383			
CIRCLING	1160	1	463	1160	1	463	1240	1 1/2	543	1340	2	643			

CHANGES - REASONS

- INCORPORATED CHANGES FROM P-NOTAM AMDTS ORIG-A AND ORIG-B INTO FORM. - IAW 8260.19I 8-3-4 C(3).
- REMOVED FEEDER FROM DANSVILLE (DNV) VORTAC TO COSMA. – DNV VORTAC DECOMMISSIONING.
- TERMINAL ROUTES: ADDED MISSED APPROACH CA LEG. - IAW 8260.58B 3-5-2.
- LINE 2: ADDED MAX ALTITUDE 6000. - UPDATED FORMS.
- LINE 5: ADDED DISTANCE TO THLD FROM 292 HAT: 0.78. REMOVED "DISTANCE TO THLD FROM 292 HAT: 0.78 NM" FROM ADDITIONAL FLIGHT DATA. – FORMS UPDATED.
- LINE 7: ADDED 20:1 IS CLEAR. – NO 20:1 PENETRATIONS DOCUMENTED.
- REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58B TABLE 1-2-1.
- UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW FROM "-16C (4F) OR ABOVE 47C (116F)" TO "-16F TO 54C." – FAHRENHEIT REMOVED IAW 8260.19I; HIGH TEMP UPDATED IAW 8260.58B 3-3-4 1(B).
- REMOVED CHART NOTES: ALTERNATE ALTIMETER; BARO-VNAV AND VDP NA. – MOVED TO 8260-9 PART C – REMARKS FOR CONTINGENCY USE.
- UPDATED CHART VDP AT "1.06 NM TO RW21", "LNAV ONLY" TO "1.06 NM TO RW 21." – "LNAV ONLY NO LONGER REQUIRED.
- REMOVED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE (ANGLE)/TCH (FEET)). - GPA AND TCH WITHIN 0.20 DEGREES AND 3 FEET.
- REMOVED ADDITIONAL FLIGHT DATA: CHART FAS OBST: 796 TREE 401313N/0873508W. - IAW 8260-19H 8-6-10 C; ONLY STEPDOWN NON-PRECISION OBSTACLE IS DOCUMENTED.
- FAS DATA: UPDATED CRC REMAINDER FROM 180E23F2 TO 3DE0E2D9. - LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +01797 TO +01798.
- FPAP LAT/LONG CHANGED FROM: "401137.3600N/0873558.8300W" TO: "401111.5655N/0873617.6040W" AND LTP LAT/LONG CHANGED FROM: "401229.3800N/0873520.9200W" TO: "401229.4050N/0873520.8880W" - AIRNAV DATA CHANGES.
- LENGTH OFFSET CHANGED FROM: "0008" TO: "0920" - CHANGES IN LTP AND FPAP DATA.

10/17/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 08/07/2023:  
1. CHANGED MISSED APPROACH INSTRUCTIONS FROM: "CLIMB TO 2300 ON DIRECT ATULE AND HOLD" TO: "CLIMB TO 2300 DIRECT ATULE AND HOLD."  
2. CHANGED PROFILE LINE 6: GP ALT AT PFAF FROM: "WEBAG" TO: "WEBAG 2600".



COORDINATED WITH:

A4A

☐

ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER:

ZAU, CMI APP CON, AMGR, IL AERO

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

CASIMIR L TABAKA

Oct 17, 2023

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

Oct 17, 2023

OFFICE

DATE

AJV-A432

03/09/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Oct 17, 2023

OFFICE

DATE

TITLE

AJV-A430

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDNV
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	401229.4050N
LTP/FTP LONGITUDE	0873520.8880W
LTP/FTP ELLIPSOIDAL HEIGHT	+01798
FPAP LATITUDE	401111.5655N
FPAP LONGITUDE	0873617.6040W
THRESHOLD CROSSING HEIGHT (TCH)	00045.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3DE0E2D9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02124
FPAP ORTHOMETRIC HEIGHT	+02124

