

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 ID</u> KSVH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> STATESVILLE	<u>STATE</u> NC		
<u>AIRPORT ELEVATION</u> 968	<u>TDZE</u> 968	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 07/16/2020	<u>MAG VAR</u> 8W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<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>
BZM VOR/DME	IAF	UVAXE		TF	FB	1.00	159.38	5.56	3500
ALDOH	IAF	UVAXE		TF	FB	1.00	057.96	7.29	3500
UVAXE	IF	TEMKY		TF	FB	1.00	104.70	5.84	2600
TEMKY	FAF	RW10	MAP	TF	FO	0.30	104.77	5.00	
RW10	MAP	1440 MSL		CA			104.77		1440
1440 MSL		SANFI		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1440 THEN CLIMBING LEFT TURN TO 3400 DIRECT SANFI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT UVAXE

3. FAC: 104.77

FAF: TEMKY

DIST FAF TO MAP: 5.00

DIST FAF TO THLD: 5.00

4. MIN ALT: UVAXE 3500, TEMKY 2600

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.66

GS ANT:

6. MIN GP INCPT: 2600

GP ALT AT PFAF : TEMKY 2600

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 50.0

8. MSA FROM: RW10 3900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BZM VOR/DME AIRWAY RADIALS 071 CW 249.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD W, RT, 071.25 INBOUND.
FAS OBST: 1180 AAO 354652N/0810218W.
1220 AAO 354719N/0810322W.
CHART VDP AT 1.35 NM TO RW10.
WAAS CHANNEL # 99435
REFERENCE PATH ID: W10A
LTP HAE: 260.1 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	1218	3/4	250	1218	3/4	250	1218	3/4	250	1218	3/4	250			
LNAV/VNAV DA	1479	1 3/8	511	1479	1 3/8	511	1479	1 3/8	511	1479	1 3/8	511			
LNAV MDA	1440	1	472	1440	1	472	1440	1 3/8	472	1440	1 3/8	472			
CIRCLING	1440	1	472	1540	1	572	1540	1 1/2	572	1560	2	592			



CHANGES - REASONS

1. CHANGED TERMINAL ROUTE FROM TEMKY TO USCOB/2.40 NM TO TEMKY TO RWY 10 - FINAL STEPDOWN USCOB REMOVED/8260.19I.
2. CHANGED TERMINAL ROUTE UVAXE TO TEMKY DISTANCE FROM 6.02 TO 5.84 - RWY 10 DISPLACED THLD REMOVED.
3. CHANGED TERMINAL ROUTE UVAXE TO TEMKY RNP FROM 0.50 TO 1.00 - 8260.58C.
4. DISTANCE PFAF TO MAP/THLD CHANGED FROM 4.98 TO 5.00 - PFAF MOVED.
5. PROFILE LINE 7: CHANGED 34:1 NOTE FROM "IS NOT CLEAR" TO "IS CLEAR" - NO 34:1 PENETRATIONS.
6. PROFILE LINE 7: ADDED 20:1 IS CLEAR - 8260.19I.
7. TCH CHANGED FROM 60 TO 50 - REMOVED DISPLACED THRESHOLD/ALIGNED TO VGSI TCH.
8. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- UPDATED IAW 8260.19I
9. REMOVED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - VGSI AND GLIDEPATH ARE COINCIDENT.
10. REMOVED NOTE *LNAV ONLY - 8260.19I.
11. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4 F) OR ABOVE 54 C (130 F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C - 8260.19I.
12. REMOVED CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW ¾ SM NOT AUTHORIZED - 34:1 IS CLEAR.
13. CHANGED LNAV/VNAV DA/HAT FROM 1386/418 TO 1479/511 - NEW CONTROLLING OBSTACLE.
14. MOVED BACKUP ALTIMETER NOTES TO 8260-9 FOR CONTINGENCY PURPOSES - 8260.19I.
15. CHANGED CHART NOTE FROM BARO-VNAV NA WHEN USING LINCOLNTON ALTIMETER SETTING TO BARO-VNAV AND VDP NA WHEN USING LINCOLNTON COUNTY RGNL ALTIMETER SETTING AND MOVED TO 8260-9 FOR CONTINGENCY PURPOSES - 8260.19I.
16. ADDED CHART VDP AT 1.35 NM TO RW10 - VDP IS PUBLISHABLE.
17. CRC REMAINDER CHANGED FROM 63FEBD92 TO 89DE3272 - LTP/FTP LATS/LONGS CHANGED FROM 354556.9305N/0805744.2005W TO 354558.1080N/0805756.2205W, LTP ELLIPSOIDAL HEIGHT CHANGED FROM +02590 TO +02601, FPAP COORDINATES CHANGED FROM 354546.3050N/0805555.4955W TO 354547.4805N/0805607.5155W, LENGTH OFFSET CHANGED FROM 0920 TO 0616.
18. CHANGED FAS OBSTACLE FROM 1173 POLE 354615N/0805937W TO 1180 AAO 354652N/0810218W - NEW MAP STUDY.
19. CHANGED 7:1 OBSTACLE FROM 1239 AAO 354621N/0810356W TO 1220 AAO 354719N/0810322W - NEW MAP STUDY.
20. ADDED TO PROFILE LINE 5: DIST TO THLD FROM 250 HAT: 0.66 - MOVED FROM AFD.
21. CHANGED CHART PLANVIEW NOTE: FROM PROCEDURE NA FOR ARRIVAL ON BZM VOR/DME AIRWAY 071 CW 203 AND T203 NORTHBOUND TO PROCEDURE NA FOR ARRIVAL ON BZM VOR/DME AIRWAY 071 CW 249 - BZM IS NOT ON T203 AND 249 IS JUST BARELY OVER 90 DEGREES.
22. LOWERED LPV ALL CATS VISIBILITY FROM 1 SM TO 3/4 SM - VIS CHECK IAW 8260.3D TABLE 3-3-1.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, SVH APT MGR

FLIGHT CHECKED BY

JAMES L REINEBOLD

Digitally signed by
CASIMIR L TABAKA
Oct 18, 2023

OFFICE

FPO

DATE

10/17/2023

DEVELOPED BY

LORRI DOWNEY

Digitally signed by
LORRI F DOWNEY

Aug 25, 2023

OFFICE

AJV-A432

DATE

07/17/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Aug 28, 2023

OFFICE

AJV-A432

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSVH
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	354558.1080N
LTP/FTP LONGITUDE	0805756.2205W
LTP/FTP ELLIPSOIDAL HEIGHT	+02601
FPAP LATITUDE	354547.4805N
FPAP LONGITUDE	0805607.5155W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	89DE3272

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02922
FPAP ORTHOMETRIC HEIGHT	+02922

