

**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> KAVL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> ASHEVILLE	<u>STATE</u> NC		
<u>AIRPORT ELEVATION</u> 2164	<u>TDZE</u> 2164	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 NOVEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> 11/05/2020	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 077/30 CW 122/30	NOPT	077/5 CW 122/5		8800
2. 077/5 CW 122/5		ONZIQ	IF/IAF	6400
3. 122/30 CW 212/30	NOPT	122/7 CW 212/7		7700
4. 122/7 CW 212/7		ONZIQ	IF/IAF	6400
5. 212/30 CW 347/30		212/7 CW 347/7		8900
6. 212/7 CW 347/7		ONZIQ	IAF	6400
7. 347/30 CW 077/30		347/7 CW 077/7		8600
8. 347/7 CW 077/7		OPI ME	IAF	7300

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OPI ME	IAF	ONZIQ	NOPT	TF	FB	1.00	076.68	7.60	6400
ONZIQ	IF/IAF	LUYGI		TF	FB	1.00	166.76	5.00	4500
LUYGI		STOSS		TF	FB	1.00	166.78	3.00	4000
STOSS	FAF	JIRDU/2.20 NM TO RW17		TF	FB	0.30	166.80	3.39	
JIRDU/2.20 NM TO RW17		RW17	MAP	TF	FO	0.30	166.80	2.20	
RW17	MAP	2364 MSL		CA			166.80		
2364 MSL		AVEBE		DF	FO	1.00			6200

QUALITY
35
CHECKED

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT C 1300-3, CAT D 1600-3

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	2364	1/2	200	2364	1/2	200	2364	1/2	200	2364	1/2	200			
LNAV/VNAV DA	2960	1 3/4	796	2960	1 3/4	796	2960	1 3/4	796	2960	1 3/4	796			
LNAV MDA	2880	1/2	716	2880	1/2	716	2880	1 5/8	716	2880	1 5/8	716			
CIRCLING	2880	1	716	2880	1	716	3460	3	1296	3720	3	1556			

CHANGES - REASONS

ORIGINAL PROCEDURE.

10/03/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/25/19.

1. CHANGED PUBLICATION DATE FROM 12/05/2019 TO 1/30/2020.

09/01/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/25/19.

1. CHANGED REQUIRED EFFECTIVE DATE FROM 1/30/2020 TO 11/05/20.

2. LTP HAE: 629.6 M CHANGED TO 629.7 IN ADDITIONAL FLIGHT DATA DUE TO CHANGE IN RWY 17 THRESHOLD COORDINATES.

3. RWY 17 THRESHOLD COORDINATES CHANGED FROM 352647.1400N/0823248.0500W TO 352647.1295N/0823248.0420W IN FAS DATA.

4. LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +06296 TO +06297 IN FAS DATA DUE TO RUNWAY COORDINATES CHANGE.

5. CRC REMAINDER CHANGED FROM 8DAD9D13 TO 2608CF08 IN FAS DATA DUE TO RUNWAY COORDINATES CHANGE.

6. LTP AND FPAP ORTHOMETRIC HEIGHTS CHANGED FROM +06596 TO +06597 IN FAS DATA DUE TO RUNWAY COORDINATES CHANGE.

COORDINATED WITH:A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: AVL APP CON, AVL ATCT, AVL ARPT MGR, ZTL**FLIGHT CHECKED BY**

PENDING

Digitally signed by

JOHN BORDY

Sep 02, 2020

OFFICE**DATE****DEVELOPED BY**

RALPH DUMAR

Digitally signed by

RALPH DUMAR

Sep 01, 2020

OFFICE

AJV-A422

DATE

07/25/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Sep 02, 2020

OFFICE

AJV-A420

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAVL
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	352647.1295N
LTP/FTP LONGITUDE	0823248.0420W
LTP/FTP ELLIPSOIDAL HEIGHT	+06297
FPAP LATITUDE	352523.3795N
FPAP LONGITUDE	0823210.4390W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	2608CF08

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+06597
FPAP ORTHOMETRIC HEIGHT	+06597