

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 35	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> ASHEVILLE	<u>STATE</u> NC		
<u>AIRPORT ELEVATION</u> 2164	<u>TDZE</u> 2141	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 11/05/2020	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> 02/25/2021	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 257/30 CW 077/30	NOPT	257/7 CW 077/7		7100
2. 257/7 CW 077/7		AVEBE	IF/IAF	6200
3. 077/30 CW 167/30		077/12 CW 167/12		8600
4. 077/12 CW 167/12		ZIKOL	IAF	7100
5. 167/30 CW 257/30		167/10 CW 257/10		8900
6. 167/10 CW 257/10		FIMOV	IAF	6200

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>
ZIKOL	IAF	AVEBE	NOPT	TF	FB	1.00	076.81	7.60	6200
FIMOV	IAF	AVEBE	NOPT	TF	FB	1.00	256.97	7.60	6200
AVEBE	IF/IAF	ZICZU		TF	FB	1.00	346.89	3.71	4200
ZICZU		UMUXE		TF	FB	1.00	346.87	3.71	4000
UMUXE	FAF	OBOVE/3.04 NM TO RW35		TF	FB	0.30	346.85	2.70	
OBOVE/3.04 NM TO RW35		RW35	MAP	TF	FO	0.30	346.85	3.04	
RW35	MAP	2342 MSL		CA			346.85		
2342 MSL		ONZIQ		DF	FO	1.00			6800

QUALITY
48
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	2342	2400	201	2342	2400	201	2342	2400	201	2342	2400	201			
LNAV/VNAV DA	2577	4000	436	2577	4000	436	2577	4000	436	2577	4000	436			
LNAV MDA	2660	2400	519	2660	2400	519	2660	5500	519	2660	5500	519			
CIRCLING	2800	1	636	2880	1	716	3460	3	1296	3720	3	1556			

CHANGES - REASONS

1. CHANGED TDZE ELEVATION FROM 2131 TO 2141 - NEW RWY DATA IN AIRNAV.
2. CHANGED LPV DA ALL CATS FROM 2334 TO 2342 - RWY ELEV DATA CHANGE.
3. CHANGED LNAV/VNAV DA ALL CATS FROM 2567 TO 2577 - RWY ELEV DATA CHANGE.
4. CHANGED LNAV ALL CATS HAT FROM 529 TO 519 - TDZE CHANGED FROM 2131 TO 2141 IN AIRNAV.
5. CHANGED VDP FROM 1.52 TO 1.53 NM TO RWY 35 - RWY ELEV DATA CHANGED.
6. CRC REMAINDER CHANGED FROM 7B3B5A6F TO 62CFD2C8 IN FAS DATA DUE TO RUNWAY DATA CHANGE.
7. CHANGED CA LEG ALTITUDE FROM 2334 TO 2342 - MATCHES DA ALTITUDE 2342.

01/15/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 11/20/2020:

1. CHANGED REQUIRED EFFECTIVE DATE ON PAGE 1 FROM ROUTINE TO 02/25/2021

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

OFFICE

DATE

Jan 15, 2021

Digitally signed by

JOHN BORDY

OFFICE

DATE

AJV-A422

11/20/2020

Jan 15, 2021

Digitally signed by

JOHN BORDY

OFFICE

DATE

AJV-A420

Jan 15, 2021

APPROVED BY

MARLON ROBINSON

TITLE
MANAGERQUALITY
48
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAVL
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	352532.8660N
LTP/FTP LONGITUDE	0823214.7025W
LTP/FTP ELLIPSOIDAL HEIGHT	+06153
FPAP LATITUDE	352656.6300N
FPAP LONGITUDE	0823252.3115W
THRESHOLD CROSSING HEIGHT (TCH)	00055.6
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	62CFD2C8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+06454
FPAP ORTHOMETRIC HEIGHT	+06454

