

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		LPV: DA LNAV/VNAV: DA LNAV: RW17  CLIMB TO 6000 DIRECT AVEBE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.  ADDITIONAL FLIGHT DATA: HOLD S, RT, 346.88 INBOUND. CHART FAS OBST: 2621 TREE 352800N/0823400W DISTANCE TO THLD FROM 250 HAT: 0.60 NM. CHART VDP AT 2.06 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 97438 REFERENCE PATH ID: W17A CHART CIRCLING ICON. LTP HAE: 629.1 M										
LEDME (IAF)				ONZIQ (NOPT) (FB)			226.81 / 6.00				6000												
OPIME (IAF)				ONZIQ (NOPT) (FB)			106.69 / 6.00				6000												
ONZIQ (IF)				LUYGI (FB)			166.76 / 4.09				5000												
LUYGI				STOSS (FB)			166.78 / 3.91				4000												
STOSS (FAF)				RW17 (MAP) (FO)			166.80 / 5.59				6000												
RW17 (MAP)				2412 MSL			166.80																
2412 MSL				AVEBE (FO)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																							
2. HOLD N ONZIQ, LT, 166.76 INBOUND, 6000 FT. IN LIEU OF PT (IAF)																							
3. FAC: 166.80 FAF: STOSS DIST FAF TO MAP: 5.59 THLD: 5.59																							
4. MIN. ALT: ONZIQ 6000, LUYGI 5000, STOSS 4000																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																							
6. MIN GS INCPT: 4000 GS ALT AT: STOSS 4000 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.00 TCH: 58.0 34:1 IS NOT CLEAR																							
8. MSA FROM: _____														MAG VAR: 7W			EPOCH YEAR: 2020						
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								
LPV DA	2412	3/4	250	2412	3/4	250	2412	3/4	250	2412	3/4	250											
LNAV/VNAV DA	2958	3	796	2958	3	796	2958	3	796	2958	3	796											
LNAV MDA	2880	1	718	2880	1	718	2880	2	718	2880	2	718											
CIRCLING	2880	1	718	2880	1 1/4	718	3320	3	1158	3640	3	1478											
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 53C (127F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: CIRCLING NA W OF RWY 17-35. (CONTINUED ON PAGE 2)																							
CITY AND STATE ASHEVILLE, NC				ELEVATION: 2162 TDZE: 2162 AIRPORT NAME: ASHEVILLE RGNL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG, 12/10/2015					SUP: AMDT: NONE DATED								

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	107/30 CW 227/30 (NOPT)	107/5 CW 227/5	8800
2.	107/5 CW 227/5	ONZIQ (IF/IAF) (FB)	6000
3.	227/30 CW 347/30	227/6 CW 347/6	9000
4.	227/6 CW 347/6	LEDME (IAF) (FB)	7600
5.	347/30 CW 107/30	347/12 CW 107/12	8800
6.	347/12 CW 107/12	OPIME (IAF) (FB)	7600

QUALITY  
18  
CHECKED

CITY AND STATE ASHEVILLE, NC	ELEVATION: 2162 TDZE: 2162 AIRPORT NAME: ASHEVILLE RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG, 12/10/2015	SUP:
				AMDT: NONE
				DATED:

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

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**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	352636.4955N
LTP/FTP LONGITUDE	0823248.4145W
LTP/FTP ELLIPSOIDAL HEIGHT	+06291
FPAP LATITUDE	352512.7350N
FPAP LONGITUDE	0823210.8075W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
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
 <u>CRC REMAINDER</u>	 44BAD481

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+06591
FPAP ORTHOMETRIC HEIGHT	+06591

QUALITY  
18  
CHECKED

CITY AND STATE ASHEVILLE, NC	ELEVATION: 2162      TDZE: 2162 AIRPORT NAME: ASHEVILLE RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG, 12/10/2015	SUP:
				AMDT:      NONE
				DATED:

<b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b> <b>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</b> <b>FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33</b>	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.
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ARINC SUMMARY - KAVL

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LEDME	010	LEDME	IF	FB										E A
LEDME	020	ONZIQ	TF	FB	1.0	226.8						AA 06000		EE B
ONZIQ	010	ONZIQ	HF	FO		166.8			L			AA 06000		EE A
OPIME	010	OPIME	IF	FB										E A
OPIME	020	ONZIQ	TF	FB	1.0	106.7						AA 06000		EE B
	010	ONZIQ	IF	FB								AA 06000		E I
	011	LUYGI	TF	FB	0.5	166.8						AA 05000		E S
	020	STOSS	TF	FB	0.5	166.8						AA 04000		E F
	030	RW17	TF	FO	0.3	166.8		3.00				AT 02220		GY M
	040		CA	FB		166.8						AA 02412		M
	050	AVEBE	DF	FO								AA 06000		EY
	060	AVEBE	HM	FO		346.9			R			AA 06000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AVEBE	N351308.56	W0822646.73
LEDME	N354359.81	W0823350.72
LUYGI	N353532.26	W0823649.51
ONZIQ	N353922.75	W0823833.53
OPIME	N354023.65	W0824549.00
STOSS	N353151.64	W0823510.12

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N352636.50	W0823248.41	02162	58.0



CITY AND STATE <b>ASHEVILLE, NC</b>	ELEVATION: <b>2162</b> <b>TDZE: 2162</b> AIRPORT NAME: <b>ASHEVILLE RGNL</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 17, ORIG, 12/10/2015</b>	SUP: <hr/> AMDT: <b>NONE</b> <hr/> DATED:
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