

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.	
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			
TERMINAL ROUTES		MISSED APPROACH	
FROM CUSCA (IF/IAF) ZIMIS (FAF) WELAN/2.20 NM TO RW16 RW16 (MAP) 552 MSL	TO ZIMIS (FB) WELAN/2.20 NM TO RW16 (FB) RW16 (MAP) (FO) 552 MSL UYAHE (FO)	COURSE AND DISTANCE 165.94 / 6.00 165.96 / 3.58 165.96 / 2.20 165.96	ALTITUDE 2100 4000
		LPV: DA LNAV/VNAV: DA LNAV: RW16 CLIMB TO 4000 DIRECT UYAHE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.	
		ADDITIONAL FLIGHT DATA: HOLD S, RT, 346.03 INBOUND. CHART FAS OBST: 359 TREE 323232N/0872401W CHART BIRMINGHAM 2 MOA. CHART BIRMINGHAM MOA. CHART CAMDEN RIDGE MOA. CHART PINE HILL EAST MOA. DISTANCE TO THLD FROM 332: HATH: 0.92 NM. WAAS CHANNEL # 58331 REFERENCE PATH ID: W16A CHART CIRCLING ICON. CHART DEMOPOLIS AWOS-3. LTP HAE: 38.3 M	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)		MAG VAR: 3W EPOCH YEAR: 2015	
2. HOLD N CUSCA, RT, 165.94 INBOUND, 4000 FT. IN LIEU OF PT (IAF)			
3. FAC: <u>165.96</u> FAF: <u>ZIMIS</u> DIST FAF TO MAP: <u>5.78</u> THLD: <u>5.78</u>			
4. MIN. ALT: <u>CUSCA 4000, ZIMIS 2100, WELAN/2.20 NM TO RW16 960*</u>			
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>			
6. MIN GS INCPT: <u>2100</u> GS ALT AT: <u>ZIMIS 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>			
7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR			
8. MSA FROM: <u> </u>			
MINIMUMS			
TAKEOFF: <u>SEE FAA FORM 8260-15A FOR THIS AIRPORT</u>		ALTERNATE: <u>N A</u> <u>X</u>	
CATEGORY <u>-----></u>	A		B
	C	D	E
	DH/MDA VIS HAT/HAA	DH/MDA VIS HAT/HAA	DH/MDA VIS HAT/HAA
LPV DA	552 1 1/8 332	552 1 1/8 332	552 1 1/8 332
LNAV/VNAV DA	736 1 3/4 516	736 1 3/4 516	736 1 3/4 516
LNAV MDA	700 1 480	700 1 480	700 1 3/8 480
CIRCLING	740 1 520	760 1 540	760 1 1/2 540
	740 1 520	760 1 540	760 1 1/2 540
	740 1 520	760 1 540	760 1 1/2 540
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: USE DEMOPOLIS ALTIMETER SETTING; WHEN NOT RECEIVED, USE TUSCALOOSA ALTIMETER SETTING (SEE FORM 8260-10)			
CITY AND STATE MARION, AL		ELEVATION: 220 THRE: 220 AIRPORT NAME: VAIDEN FIELD	
FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 1 22 AUGUST 2013	
SUP: AMDT: ORIG		DATED 07/26/2012	

QUALITY
 2
 CHECKED

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

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NOTES, (CONT.):

AND INCREASE ALL DA 27 FT, INCREASE ALL MDA 40 FT, INCREASE ALL LPV AND LNAV/VNAV VISIBILITIES 1/8 MILE, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	076/30 CW 256/30 (NOPT)	CUSCA (IF/IAF) (FB)	4000
2.	256/30 CW 076/30	CUSCA (IF/IAF) (FO)	4000

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CITY AND STATE
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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	A08
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	323108.1125N
LTP/FTP LONGITUDE	0872316.1805W
LTP/FTP ELLIPSOIDAL HEIGHT	+00383
FPAP LATITUDE	322942.7420N
FPAP LONGITUDE	0872245.3440W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0800
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

FC25E364

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00670
FPAP ORTHOMETRIC HEIGHT	+00670

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP A08 K7FR16	ACUSCA	010CUSCAK7EA0EE	AR	HF		16590040		+ 04000	18000			A JS	
SUSAP A08 K7FR16	R	010CUSCAK7EA0E	I	IF				+ 04000	18000			A JS	
SUSAP A08 K7FR16	R	020ZIMISK7EA1E	F	051TF		16590060		+ 02100				A JS	
SUSAP A08 K7FR16	R	020ZIMISK7EA2WALPV			ALNAV/VNAV ALNAV							JS	
SUSAP A08 K7FR16	R	021WELANK7EA0E	S	031TF		16600036		V 0096000960		-300		A JS	
SUSAP A08 K7FR16	R	030RW16 K7PGOGY	M	031TF		16600022		00260		-300		A JS	
SUSAP A08 K7FR16	R	040	0	M	CA	1660		+ 00552				A JS	
SUSAP A08 K7FR16	R	050UYAHEK7EA0EY		DF				+ 04000				A JS	
SUSAP A08 K7FR16	R	060UYAHEK7EA0EE	R	HM		34600040		+ 04000				A JS	

[illegible][illegible]

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			RNAV (GPS) RWY 16, AMDT 1	AMDT: ORIG
			22 AUGUST 2013	DATED: 07/26/2012

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CUSCA	CUSCA	010	IAF	HF	R	FO		165.9 (162.9T)	004.0	AA 04000	
		CUSCA	010	FACF	IF		FB				AA 04000	
		ZIMIS	020	FAF	TF		FB	0.5	165.9 (162.9T)	006.0	AA 02100	
		WELAN	021	SDF	TF		FB	0.3	166.0 (163.0T)	003.6	AA 00960	GS 00960
		RW16	030	MAP	TF		FO	0.3	166.0 (163.0T)	002.2	AT 00260	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		166.0 (163.0T)		AA 00552	
	UYAHE	050		DF		FO				AA 04000	
	UYAHE	060		HM	R	FO		346.0 (343.0T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CUSCA	N324225.16	W0872721.35	N3242.419	W08727.356
	UYAHE	N321702.14	W0871811.50	N3217.036	W08718.192
	WELAN	N323314.52	W0872401.86	N3233.242	W08724.031
	ZIMIS	N323640.29	W0872516.33	N3236.672	W08725.272
	RW16	N323108.11	W0872316.18	N3231.135	W08723.270

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	00220	40

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