

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: RW27  CLIMB TO 3200 DIRECT GOKYE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD W, LT, 093.43 INBOUND. CHART FAS OBST: 749 TREE 330956N/0861634W DISTANCE TO THLD FROM 250 HAT: 0.61 NM. CHART VDP AT 1.29 NM TO RW27* *LNAV ONLY. WAAS CHANNEL # 90216 REFERENCE PATH ID: W27A CHART CIRCLING ICON. LTP HAE: 138 M									
IMEXE (IF/IAF)				ZILIL (FB)				273.68 / 3.14				3300											
ZILIL				HETOD (FB)				273.65 / 3.07				2500											
HETOD (FAF)				LUYCI/3.10 NM TO RW27 (FB)				273.61 / 2.69															
LUYCI/3.10 NM TO RW27				RW27 (MAP) (FO)				273.61 / 3.10															
RW27 (MAP)				802 MSL				273.61				3200											
802 MSL				GOKYE (FO)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 3W EPOCH YEAR: 2005									
2. HOLD E IMEXE, RT, 273.68 INBOUND, 3500 FT. IN LIEU OF PT (IAF)																							
3. FAC: 273.61 FAF: HETOD DIST FAF TO MAP: 5.79 THLD: 5.79																							
4. MIN. ALT: IMEXE 3500, ZILIL 3300, HETOD 2500, LUYCI/3.10 NM TO RW27 1600*																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																							
6. MIN GS INCPT: 2500 GS ALT AT: HETOD 2500 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.10 TCH: 48.0 34:1 IS CLEAR																							
8. MSA FROM: _____																							
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	802	3/4	250	802	3/4	250	802	3/4	250	802	3/4	250											
LNAV/VNAV DA	1074	1 3/4	522	1074	1 3/4	522	1074	1 3/4	522	1074	1 3/4	522											
LNAV MDA	1000	1	448	1000	1	448	1000	1 3/8	448	1000	1 3/8	448											
CIRCLING	1140	1	571	1400	1 1/4	831	1620	3	1051	1700	3	1131											
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (118F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BIRMINGHAM ALTIMETER SETTING. @ CAT B 900-2, CAT C 1100-3, CAT D 1200-3 CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). (CONTINUED ON PAGE 2)																							
CITY AND STATE SYLACAUGA, AL				ELEVATION: 569 TDZE: 552 AIRPORT NAME: MERKEL FIELD SYLACAUGA MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 2 15 SEPTEMBER 2016					SUP: AMDT: 1 DATED 02/11/2010								

QUALITY  
18  
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.):**

\*RNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BIRMINGHAM ALTIMETER SETTING AND INCREASE LPV DA TO 889 FT, RNAV/VNAV DA TO 1161 FT, AND ALL VISIBILITIES 3/8 MILE. INCREASE ALL MDA 100 FEET AND RNAV CAT C AND D VISIBILITIES 1/4 MILE.

**TAA**

	FROM	TO	ALT
1.	184/30 CW 004/30 (NOPT)	184/5 CW 004/5 (FB)	5000
	184/5 CW 004/5	IMEXE (IF/IAF) (FB)	3500
2.	004/30 CW 184/30	004/5 CW 184/5 (FB)	4200
	004/5 CW 184/5	IMEXE (IF/IAF) (FO)	3500

CITY AND STATE  
**SYLACAUGA, AL**

**ELEVATION: 569**      **TDZE: 552**  
AIRPORT NAME:  
**MERKEL FIELD SYLACAUGA MUNI**

FACILITY  
IDENTIFIER:  
**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 27, AMDT 2**  
15 SEPTEMBER 2016

SUP:  
AMDT: **1**  
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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSCD
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	331018.3515N
LTP/FTP LONGITUDE	0861748.2340W
LTP/FTP ELLIPSOIDAL HEIGHT	+01380
FPAP LATITUDE	331019.2000N
FPAP LONGITUDE	0861934.3800W
THRESHOLD CROSSING HEIGHT (TCH)	00048.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1112
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

5AC61786

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01669
FPAP ORTHOMETRIC HEIGHT	+01669

CITY AND STATE

SYLACAUGA, AL

ELEVATION: 569

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FACILITY  
IDENTIFIER:  
RNAV

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RNAV (GPS) RWY 27, AMDT 2

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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33**

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ARINC SUMMARY - KSCD

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
IMEXE	010	IMEXE	HF	FO		273.7			R			AA 03500		EE A
	010	IMEXE	IF	FB								AA 03500		E I
	020	ZILIL	TF	FB	1.0	273.7						AA 03300		E
	021	HETOD	TF	FB	1.0	273.7						AA 02500		E F
	030	LUYCI	TF	FB	0.3	273.6		3.10				AA 01600 GS 01616		E S
	031	RW27	TF	FO	0.3	273.6		3.10				AT 00596		GY M
	040		CA	FB		273.6						AA 00802		M
	050	GOKYE	DF	FO								AA 03200		EY
	060	GOKYE	HM	FO		093.4			L			AA 03200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
IMEXE	N331010.60	W0860330.51
GOKYE	N331023.96	W0863046.43
HETOD	N331014.82	W0861054.63
LUYCI	N331016.51	W0861406.65
ZILIL	N331012.79	W0860714.94

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW27	N331018.35	W0861748.23	00548	48

CITY AND STATE  
**SYLACAUGA, AL**

ELEVATION: **569**      **TDZE: 552**  
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**MERKEL FIELD SYLACAUGA MUNI**

FACILITY  
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