

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	
SPA VORTAC (IAF)	ZISUG (NOPT) (FB)	067.27 / 7.87	3000	LPV: DA LNAV/VNAV: DA LNAV: RW05
ZISUG (IF/IAF)	UPCEG (FB)	049.81 / 6.13	3000	
UPCEG (FAF)	YIGUG/2.10 NM TO RW05 (FB)	049.86 / 4.57		CLIMB TO 4000 DIRECT JIRUL AND ON TRACK 046.17 TO LINCO AND HOLD.
YIGUG/2.10 NM TO RW05	RW05 (MAP) (FO)	049.89 / 2.10		
RW05 (MAP)	1084 MSL			
1084 MSL	JIRUL (FB)			ADDITIONAL FLIGHT DATA: HOLD SW, RT, 050.00 INBOUND. CHART FAS OBST: 979 PWR LINE 351434N/0813630W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. WAAS CHANNEL # 63124 REFERENCE PATH ID: W05A LTP HAE: 222.3 M
JIRUL	LINCO (FO)	046.17 / 9.31	4000	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW ZISUG, RT, 049.81 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 049.86 FAF: UPCEG DIST FAF TO MAP: 6.67 THLD: 6.67
- MIN. ALT: ZISUG 3000, UPCEG 3000, YIGUG/2.10 NM TO RW05 1540'
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3000 GS ALT AT: UPCEG 3000 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 41.0 34:1 IS NOT CLEAR
- MSA FROM: RW05 4200

MAG VAR: 6W EPOCH YEAR: 2000

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	1084	1	250	1084	1	250	1084	1	250	1084	1	250			
LNAV/VNAV DA	1160	1 1/8	326	1160	1 1/8	326	1160	1 1/8	326	1160	1 1/8	326			
LNAV MDA	1240	1	406	1240	1	406	1240	1 1/8	406	1240	1 1/8	406			
CIRCLING	1280	1	433	1300	1	453	1300	1 1/2	453	1480	2	633			

NOTES:
 CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 23 NA AT NIGHT.
 CHART NOTE: BARO-VNAV NA WHEN USING CHARLOTTE ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 38C (100F).
 CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 5 PROCEDURE NA AT NIGHT.
 (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE SHELBY, NC	ELEVATION: 847 THRE: 834 AIRPORT NAME: SHELBY-CLEVELAND COUNTY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, AMDT 2 25 AUG 2011	SUP: AMDT: 1A DATED 04/07/2011
------------------------------	--	------------------------------	---	--------------------------------------

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.

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SPA VORTAC AIRWAY RADIALS 360 CW 103.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTE ALTIMETER SETTING: INCREASE LPV DA TO 1172 FT AND ALL VISIBILITIES 1/8 MILE; INCREASE LNAV/VNAV DA TO 1248 AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 100 FT AND LNAV CAT C/D VISIBILITY 1/4 MILE, CIRCLING CAT D VISIBILITY 1/4 MILE.

CITY AND STATE

SHELBY, NC

ELEVATION: 847

THRE: 834

AIRPORT NAME:

SHELBY-CLEVELAND COUNTY RGNL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, AMDT 2

25 AUG 2011

SUP:

AMDT: 1A

DATED: 04/07/2011

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEHO
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	351502.8790N
LTP/FTP LONGITUDE	0813623.6565W
LTP/FTP ELLIPSOIDAL HEIGHT	+02223
FPAP LATITUDE	351607.1600N
FPAP LONGITUDE	0813508.2000W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	A7CCCC5B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02541
FPAP ORTHOMETRIC HEIGHT	+02541

CITY AND STATE SHELBY, NC	ELEVATION: 847	THRE: 834	FACILITY IDENTIFIER: RNAV	PROCEDURE NO / AMDT NO / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: SHELBY-CLEVELAND COUNTY RGNL			RNAV (GPS) RWY 5, AMDT 2	AMDT: 1A
				25 AUG 2011	DATED: 04/07/2011

