

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: RW21 CLIMB TO 3000 THEN RIGHT TURN DIRECT KEWPI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 013.03 INBOUND. CHART FAS OBST: 941 TREE 354117N/0795209W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. CHART VDP AT 1.55 NM TO RW21* *LNAV ONLY. WAAS CHANNEL # 53739 REFERENCE PATH ID: W21A CHART CIRCLING ICON. LTP HAE: 173.3 M									
LIB VORTAC (IAF)		HABUG (TF) (FB) (RNP 1.00)		281.22 / 8.51				3700											
CEEDE (IAF)		HABUG (TF) (FB) (RNP 1.00)		155.20 / 5.97				3700											
HABUG (IF)		COLUN (TF) (FB) (RNP 1.00)		224.59 / 4.90				2600											
COLUN (FAF)		HUGIS/3.10 NM TO RW21 (TF) (FB) (RNP 0.30)		209.59 / 2.84															
HUGIS/3.10 NM TO RW21		RW21 (MAP) (TF) (FO) (RNP 0.30)		209.59 / 3.10															
(SEE FORM 8260-10)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT HABUG 3. FAC: <u>209.59</u> FAF: <u>COLUN</u> DIST FAF TO MAP: <u>5.94</u> THLD: <u>5.94</u> 4. MIN. ALT: <u>HABUG 3700, COLUN 2600, HUGIS/3.10 NM TO RW21 1680*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>COLUN 2600</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW21 3700</u>																MAG VAR: 8W		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	918	7/8	250	918	7/8	250	918	7/8	250	918	7/8	250							
LNAV/VNAV DA	1069	1 3/8	401	1069	1 3/8	401	1069	1 3/8	401	1069	1 3/8	401							
LNAV MDA	1200	1	532	1200	1	532	1200	1 1/2	532	1200	1 1/2	532							
CIRCLING	1240	1	569	1360	1	689	1680	3	1009	1680	3	1009							
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ CAT C, D 1100-3 CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LIB VORTAC AIRWAY RADIALS 231 CW 256.																			
CITY AND STATE		ELEVATION: 671 TDZE: 668				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:							
ASHEBORO, NC		AIRPORT NAME:				ASHEBORO RGNL		RNAV (GPS) RWY 21, AMDT 1				AMDT: ORIG-A							
								22 JUNE 2017				DATED 09/18/2014							



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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW21 (MAP)	3000 MSL (CA)	209.59	
3000 MSL	KEWPI (DF) (FO) (RNP 1.00)		3000

QUALITY
10
CHECKED

CITY AND STATE
ASHEBORO, NC

ELEVATION: 671 TDZE: 668
AIRPORT NAME:
ASHEBORO RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 21, AMDT 1
22 JUNE 2017

SUP:
AMDT: ORIG-A
DATED: 09/18/2014

**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	KHBI
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	353941.5920N
LTP/FTP LONGITUDE	0795328.8170W
LTP/FTP ELLIPSOIDAL HEIGHT	+01733
FPAP LATITUDE	353818.5900N
FPAP LONGITUDE	0795408.9600W
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	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 C286B7F1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02036
FPAP ORTHOMETRIC HEIGHT	+02036

QUALITY
10
CHECKED

CITY AND STATE ASHEBORO, NC	ELEVATION: 671 AIRPORT NAME: ASHEBORO RGNL	TDZE: 668 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 1 22 JUNE 2017	SUP:
				AMDT: ORIG-A
				DATED: 09/18/2014