

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> JIM HAMILTON L B OWENS	<u>AIRPORT ID</u> KCUB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> COLUMBIA	<u>STATE</u> SC	
<u>AIRPORT ELEVATION</u> 193	<u>TDZE</u> 193	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 041/30 CW 221/30	NOPT	JSSTN	IF/IAF	2700
2. 221/30 CW 311/30		221/15 CW 311/15		3100
3. 221/15 CW 311/15		DUBCE	IAF	2700
4. 311/30 CW 041/30		JAADE	IAF	2700

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
DUBCE	IAF	JSSTN	NOPT	TF	FB	1.00	221.36	8.00	2700
JAADE	IAF	JSSTN	NOPT	TF	FB	1.00	041.26	8.00	2700
JSSTN	IF	PEPHR		TF	FB	1.00	131.31	8.92	1400
PEPHR	FAF	RW13	MAP	TF	FB	0.30	131.39	2.75	
RW13	MAP	593 MSL		CA			131.39		
593 MSL		SKITR		DF	FO	1.00			2700

MISSED APPROACH

MAP:

LP: RW13
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT SKITR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NW JSSTN, RT, 131.31 INBOUND, 2700 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAC: 131.39FAF: PEPHRDIST FAF TO MAP: 2.75DIST FAF TO THLD: 2.75

4. MIN ALT: JSSTN 2700, PEPHR 1400

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:

6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTES:

RPN APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

PEPHR TO RW13: 4.00/40.
WAAS CHANNEL #49042
REFERENCE PATH ID: W13A
CHART FAS OBST: 519 TOWER 335919N/0810136W.
746 TOWER 340008N/0810144W.
CHART 681 BUILDING 340005N/0810205W.
HOLD SE, RT, 311.54 INBOUND
LTP HAE: 27.8 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA

☐

 STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LP MDA	780	1	587	780	1	587		NA			NA				
LNAV MDA	1060	1	867	1060	1 1/4	867		NA			NA				

CHANGES - REASONS



<u>AIRPORT</u> JIM HAMILTON L B OWENS	<u>AIRPORT ID</u> KCUB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> COLUMBIA	<u>STATE</u> SC
<u>COORDINATED WITH:</u>					
A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZJX, CAE APCH CON, ARPT MNGR					
<u>FLIGHT CHECKED BY</u> KEVIN RIESE	Digitally signed by DONALD H LANIER Aug 02, 2018		<u>OFFICE</u> FICO	<u>DATE</u> 07/28/2018	
<u>DEVELOPED BY</u> DONALD H. LANIER (JACOB MAXFIELD)	Digitally signed by DONALD H LANIER Aug 02, 2018		<u>OFFICE</u> AJV-5431	<u>DATE</u> 05/16/2018	
<u>APPROVED BY</u> PATRICK MULQUEEN	Digitally signed by DONALD H LANIER Aug 02, 2018		<u>OFFICE</u> AJV-5430	<u>DATE</u>	<u>TITLE</u> MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCUB
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	335828.0425N
LTP/FTP LONGITUDE	0810007.1730W
LTP/FTP ELLIPSOIDAL HEIGHT	+00278
FPAP LATITUDE	335736.3065N
FPAP LONGITUDE	0805839.8760W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	04.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	5722D9A5
<u>ADDITIONAL PATH POINT RECORD INFORMATION</u>	
ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00589
FPAP ORTHOMETRIC HEIGHT	+00589

