

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.25

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> LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> COLUMBIA	<u>STATE</u> SC	
<u>AIRPORT ELEVATION</u> 193	<u>TDZE</u> 186	<u>SUPERSEDED</u> LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 07/29/2010	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-CUB	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>		

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>
SKITR INT/I-CUB 13.78 DME/RADAR	IF	HIDEE INT/I-CUB 5.78 DME/RADAR					311.42	8.00 (I-CUB)	1800

MISSED APPROACH

MAP:

LOC: 4.94 NM AFTER HIDEE INT/I-CUB 5.78 DME/RADAR OR AT I-CUB 0.84 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2000 DIRECT CAE VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT SKITR/I-CUB 13.78 DME/RADAR
3. **FAC:** 311.42 **FAF:** HIDEE INT/I-CUB 5.78 DME/RADAR **DIST FAF TO MAP:** 4.94 **DIST FAF TO THLD:** 4.94
4. **MIN ALT:** SKITR INT/I-CUB 13.78 DME/RADAR 2000, HIDEE INT/I-CUB 5.78 DME/RADAR 1800, ZIXIG INT/I-CUB 2.84 DME 860
8. **MSA FROM:** CAE VORTAC 3100

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:



CHART: KMMT IN PLANVIEW
HIDEЕ TO RW31: 3.00/40.
CHART VDP AT 2.06 DME
DISTANCE VDP TO THLD 1.23 NM
CHART FAS OBST: 337 TOWER 335709N/0805745W.
HOLD SE, LT, 335.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☒

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
S-LOC 31	600	1	414	600	1	414	600	1 1/8	414	600	1 1/8	414			

CHANGES - REASONS

1. UPDATED SEGMENT FROM "SKITR INT/I-CUB 10.83 DME/RADAR TO HIDEЕ INT/I-CUB 5.83 DME/RADAR 311.47/5.00 (I-CUB)" TO "SKITR INT/I-CUB 13.78 DME/RADAR TO HIDEЕ INT/I-CUB 5.78 DME/RADAR 311.42/8.00 (I-CUB)" - ALIGNED FIXES WITH RNAV (GPS) RWY 31.
2. UPDATED MAP FROM "5.00 NM AFTER HIDEЕ INT/I-CUB 5.83 DME/RADAR OR AT I-CUB 0.83 DME" TO "4.94 NM AFTER HIDEЕ INT/I-CUB 5.78 DME/RADAR OR AT I-CUB 0.84 DME" - MOVED FAF SE 337.13 FT.
3. UPDATED FAS OBST FROM "FAS OBST: 309 TREES 335550 / 0805452" TO "CHART FAS OBST: 337 TOWER 335709N/0805745W." - NEW CONTROLLING OBSTACLE.
4. ADDED VDP - COMMISSIONED ASOS ON FIELD, IAW 8260.19H 8-6-10.N.(1).
5. ADDED VDA/TCH - IAW 8260.19H 8-6-10.P.(1).
6. UPDATED NOTE FROM "CHART: MCENTIRE ANGС, SC" TO "CHART: KMMT IN PLAINVIEW."
7. UPDATED FAC FROM 311.38 TO 311.42 - NEW NAVAID DATA.
8. UPDATED DIST FAF TO MAP/THLD FROM 5.00 TO 4.94 - MOVED FAF SE 337.13 FT.
9. ADDED "ZIXIG INT/I-CUB 2.84 DME 860 TO LINE 4 - ADDED STEPDOWN FIX DUE TO LOWER MINS.
10. LOWERED S-31 CATS A/B MDA/HAT FROM 660/470 TO 600/414, CAT C MDA/VIS/HAT FROM 660/1 1/4/470 TO 600/1 1/8/414 AND CAT D FROM 660/1 1/2/470 TO 600/1 1/8/414 - ADDED STEPDOWN FIX AND VISIBILITY IAW 8260.3C 3-3-2.
11. INCORPORATED NOTAM FDC 8/0784: UPDATED NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 PENETRATIONS; IAW 8260.19H 8-6-11.K.(3).
12. MOVED THE BACK-UP ALTIMETER NOTE AND ALL ASSOCIATED NOTES TO THE 8260-9 PART C GENERAL REMARKS - IAW 8-6-9.F.(3).
13. DELETED "RADAR REQUIRED" FROM THE NOTES SECTION AND ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY" TO EQUIPMENT REQUIREMENTS NOTES" - IAW 8260.19H 8-6-9.G.(2).
14. DELETED "ASR" FROM NOTES SECTION - NO RADAR APPROACHES ARE PUBLISHED AT THIS AIRPORT.
15. ADDED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) TO NOTES SECTION - IAW 8260.19H 8-6-9.M(1).
16. UPDATED TDZE FROM 190 TO 186 - NEW SRUVEY DATA.
17. UPDATED AIRPORT NAME FROM "COLUMBIA OWENS DOWNTOWN" TO "JIM HAMILTON L B OWENS" - AIRPORT NAME CHANGE.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZJX, CAЕ APCH CON, ARPT MNGR

FLIGHT CHECKED BY

KEVIN RIESE
Digitally signed by
DONALD H LANIER
Aug 02, 2018

OFFICE

FICO

DATE

07/28/2018

DEVELOPED BY

DONALD H. LANIER (JACOB MAXFIELD)
Digitally signed by
DONALD H LANIER

OFFICE

AJV-5431

DATE

05/09/2018

APPROVED BY

PATRICK MULQUEEN
Digitally signed by
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Aug 02, 2018

OFFICE

AJV-5430

DATE

TITLE

MANAGER

