

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

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><b>AIRPORT ID</b></u> KCHS	<u><b>PROCEDURE NAME</b></u> ILS OR LOC RWY 15 ILS RWY 15 (SA CAT I), ILS RWY 15 (CAT II)	<u><b>ORIGINAL/AMENDMENT</b></u> 24B	<u><b>CITY</b></u> CHARLESTON	<u><b>STATE</b></u> SC		
<u><b>AIRPORT ELEVATION</b></u> 46	<u><b>TDZE</b></u> 43	<u><b>SUPERSEDED</b></u> ILS OR LOC RWY 15 ILS RWY 15 (SA CAT I), ILS RWY 15 (CAT II)	<u><b>ORIGINAL/AMENDMENT</b></u> 24A	<u><b>DATED</b></u> 12/11/2014	<u><b>MAG VAR</b></u> 7W	<u><b>EPOCH YEAR</b></u> 2010
<u><b>FACILITY</b></u> I-CHS	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 22 APRIL 2021	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></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>
CHS VORTAC		ASHLY LOM/CHS VORTAC 5.77 DME/RADAR					333.50	5.76	1600
LUTHR/CHS VORTAC 16.98 DME/RADAR	IAF	MAMAE/CHS VORTAC 12.63 DME/RADAR	NOPT				154.41	4.36 (I-CHS)	1600
MAMAE/CHS VORTAC 12.63 DME/RADAR	IF	ASHLY LOM/CHS VORTAC 5.77 DME/RADAR					154.41	6.86 (I-CHS)	1600

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.55 NM AFTER ASHLY LOM/CHS VORTAC 5.77 DME/RADAR

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3500 ON CHS VORTAC R-055 TO WANDO/CHS VORTAC 13.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2100 DIRECT ASHLY LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2100.



PROFILE:

1. PT R SIDE OF COURSE 334.41 OUTBOUND 1600 FT WITHIN 15 MILES OF ASHLY LOM (IAF)

2.

3. FAC: 154.41 FAF: ASHLY LOM/CHS VORTAC 5.77 DME/RADAR DIST FAF TO MAP: 4.55 DIST FAF TO THLD: 4.55

4. MIN ALT: ASHLY LOM/CHS VORTAC 5.77 DME/RADAR 1600, WENEX/CHS VORTAC 2.60 DME 520\*

5. DIST TO THLD FROM OM: 4.55 MM: IM: 100 HAT: 961 150 HAT: 1908 GS ANT: 1091

6. MIN GS INCPT: 1600 GS ALT AT FAF : OM: 1561 MM: IM:

7. GP ANGLE: 3.00 34:1: 20:1: TCH: 50.0

8. MSA FROM: CHS VORTAC 3100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 15: CAT A, B, C, D RA 151, RVR 1400, HAT 150, DA 193 MSL.  
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 15: CAT A, B, C, D RA 97, RVR 1200, HAT 100, DA 143 MSL.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 15 CAT E VISIBILITY TO RVR 4000 AND S-LOC 15 CATS C/D/E VISIBILITY TO RVR 5500.  
\*LOC ONLY.  
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.  
CHART NOTE: DME FROM CHS VORTAC. SIMULTANEOUS RECEPTION OF I-CHS AND CHS DME REQUIRED.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 234.80 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW ASHLY LOM, LT, 154.41 INBOUND.  
CHART FAS OBST: 131 TREE 325524N/0800334W.  
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2

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-ILS 15	243	1800	200	243	1800	200	243	1800	200	243	1800	200	243	1800	200
S-LOC 15	400	2400	357	400	2400	357	400	3000	357	400	3000	357	400	3000	357
CIRCLING	540	1	494	540	1	494	540	1 1/2	494	740	2 1/4	694	740	2 1/2	694



**CHANGES - REASONS**

1. UPDATED FROM CHART NOTE: SIMULTANEOUS RECEPTION OF I-CHS AND CHS DME REQUIRED TO CHART NOTE: DME FROM CHS VORTAC. SIMULTANEOUS RECEPTION OF I-CHS AND CHS DME REQUIRED - INCORPORATION OF FDC 9/6564 PER 8260.19H 8-6-9 K.
2. ADDED ILS: STANDARD TO ALTERNATE MINIMUMS - 8060.19H 8-2-1.
3. ADDED DME REQUIRED TO EQUIPMENT REQUIREMENT NOTES - 8260.19H 8-6-8.
4. INCORPORATED AMENDMENT 24A - PNOTAM.
5. REMOVED \*\*DME FROM CHS VORTAC - REDUNDANT NOTE.
6. UPDATED FINAL AND CIRCLING MINIMUMS- DME ALWAYS RECEIVED.
7. UPDATED CHART NOTE TO SA CAT I CHART NOTE - IAW CURRENT CRITERIA.
8. REMOVED 150 HAT: 961 - REDUNDANT INFORMATION.
9. UPDATED NOTE FROM CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 15 CAT E VISIBILITY TO RVR 4000 AND S-LOC 15 CATS C/D/E VISIBILITY TO 1 3/8 SM. WENEX FIX MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-LOC 15 CATS C/D/E VISIBILITY TO RVR 5500 TO CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 15 CAT E VISIBILITY TO RVR 4000 AND S-LOC 15 CATS C/D/E VISIBILITY TO RVR 5500 - DME ALWAYS RECEIVED.
10. REMOVED EQUIPMENT REQUIREMENTS NOTE ADF OR DME OR RADAR REQUIRED FOR PROCEDURE ENTRY - NOTE NO LONGER NEEDED.
11. REMOVED OR AT CHS VORTAC 1.24 DME FROM MAP INSTRUCTIONS - DME NOT CO-LOCATED WITH LOCALIZER.
12. REMOVED CHS VORTAC 5.77 DME/RADAR FROM ALTERNATE MISSED APPROACH - DME NOT CO-LOCATED WITH LOCALIZER.
13. UPDATED PRIMARY MISSED INSTRUCTIONS FROM "...LEFT TURN TO 2000 ON CHS VORTAC R-055 TO WANDO/CHS 13.00 DME AND HOLD" TO "...LEFT TURN TO 3500 ON CHS VORTAC R-055 TO WANDO/CHS VORTAC 13.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500" - ALTITUDE INCREASED DUE TO VORTAC/DME RESTRICTIONS, CLIMB-IN-HOLD REQUIRED TO REACH 3500.
14. INCREASED CAT D CIRCLING MDA FROM 600 TO 740 - UPDATED CONTROLLING OBSTACLE.
15. UPDATED CAT D CIRCLING VISIBILITY FROM 2 TO 2 1/4 - NEW CONTROLLER.
16. ADDED CHART CIRCLING ICON- 8260.19H 8-6-10 P (2)T.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZJX, CHS APP CON, CHS AMGR, CHS ATCT

**FLIGHT CHECKED BY**

GEORGE E SEARLES

*Digitally signed by*

**JON DENTON**

Dec 28, 2020

**OFFICE**

FICO

**DATE**

12/17/2020

**DEVELOPED BY**

WARDELL HENNING (CASEY HILL)

*Digitally signed by*

**JON DENTON**

Dec 28, 2020

**OFFICE**

AJV-A432

**DATE**

06/08/2020

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**JON DENTON**

Dec 28, 2020

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

