

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>AIRPORT</u> YEAGER	<u>AIRPORT ID</u> KCRW	<u>PROCEDURE NAME</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 31A	<u>CITY</u> CHARLESTON	<u>STATE</u> WV	
<u>AIRPORT ELEVATION</u> 947	<u>TDZE</u> 931	<u>SUPERSEDED</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 31	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-CRW	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HVQ VOR/DME		STILT/I-CRW 5.50 DME/RADAR					070.83	13.05	3500
GLAZE/HVQ 19.88 DME	IAF	JIXAR/I-CRW 10.62 DME	NOPT				155.00 & 234.60	3.16 (HDG) & 1.84 (I-CRW)	3000
CAMMA/HVQ 21.00 DME	IAF	JIXAR/I-CRW 10.62 DME	NOPT				304.00 & 234.60	2.19 (HDG) & 1.80 (I-CRW)	3000
JIXAR/I-CRW 10.62 DME	IF	STILT/I-CRW 5.50 DME/RADAR					234.60	5.12 (I-CRW)	2400

MISSED APPROACH

MAP:

ILS: DA

LOC: 4.54 NM AFTER STILT/I-CRW 5.50 DME/RADAR OR AT ULZIW/I-CRW 0.96 DME FIX

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HVQ VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE STILT, RT, 234.60 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 5000.
3. FAC: 234.60 FAF: STILT/I-CRW 5.50 DME/RADAR DIST FAF TO MAP: 4.54 DIST FAF TO THLD: 4.54
4. MIN ALT: STILT/I-CRW 5.50 DME/RADAR 2400
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 870
6. MIN GS INCPT: 2400 GS ALT AT FAF: STILT/I-CRW 5.50 DME/RADAR 2400 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 56.6
8. MSA FROM: HVQ VOR/DME 090-180 4000, 180-090 3600

QUALITY
6
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1700.

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 23.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HVQ VOR/DME AIRWAY RADIALS 019 CW 119.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 23 CAT A/B VISIBILITY TO RVR 5500, AND CAT C/D TO 2 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 081.00 INBOUND.

CHART FAS OBST: 1384 TOWER 382528N/0813156W.

CHART VDP AT 3.10 DME*

DISTANCE VDP TO THLD 2.14 NM.

*LOC ONLY.

FAC CROSSES RWY C/L EXTENDED 2758 FT FROM THLD.

CHART PLANVIEW NOTE: LOC OFFSET 1.46 DEGREES.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

<u>CATEGORY:</u>	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 23	1181	4000	250	1181	4000	250	1181	4000	250	1181	4000	250			
S-LOC 23	1640	4000	709	1640	4000	709	1640	1 5/8	709	1640	1 5/8	709			

CHANGES - REASONS

1. CHANGE CHART NOTE FROM "AUTOPILOT COUPLED APPROACH NA BELOW 1450" TO "AUTOPILOT COUPLED APPROACH NA BELOW 1700" - INCREASE DUE TO GLIDESLOPE REVERSAL.
2. DELETED CHART NOTE: INOP TABLE DOES NOT APPLY TO S-LOC 23 CATS C/D - NOTE NOT REQUIRED. 8260.3D, CHAPTER 3.
3. CHANGED CHART NOTE FROM "FOR INOP ALS, INCREASE S-LOC 23 CAT A/B VISIBILITY TO RVR 5500" TO "FOR INOP ALS, INCREASE S-LOC 23 CAT A/B VISIBILITY TO RVR 5500, AND CAT C/D TO 2 SM" - COMPUTED USING 8260.3D, CHAPTER 3 VISIBILITY TABLES.
4. CHANGED S-LOC 23 CAT C/D VISIBILITY FROM "4000 RVR" TO "1 5/8 SM" - COMPUTED USING 8260.3D, CHAPTER 3 VISIBILITY TABLES.
5. DELETED CIRCLING MINIMA FROM PROCEDURE - NPA CIRCLING CANCELLATION.
6. ADDED ADDITIONAL FLIGHT DATA FAS OBST: 1384 TOWER 382528N/0813156W - NOT SHOWN IN PREVIOUS AMENDMENT.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZID, CRW ATCT, CRW APP CON, ARPT MGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

DEVELOPED BY

JAMES LAFFERTY

Digitally signed by

JAMES LAFFERTY

Digitally signed by

DONALD H LANIER

OFFICE

AJV-A433

DATE

04/13/2020

APPROVED BY

GEORGE DAVIS

Jul 17, 2020

Jul 23, 2020

OFFICE

AJV-A430

DATE

TITLE
MANAGER

Digitally signed by

DONALD H LANIER

Jul 23, 2020