

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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> VOR-A	<u>ORIGINAL/AMENDMENT</u> 14	<u>CITY</u> CHARLESTON	<u>STATE</u> WV
<u>AIRPORT ELEVATION</u> 947	<u>TDZE</u>	<u>SUPERSEDED</u> VOR-A	<u>ORIGINAL/AMENDMENT</u> 13	<u>DATED</u> 04/08/2010	<u>MAG VAR</u> 3W
<u>FACILITY</u> HVQ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> 01/03/2019	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1965

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-01.

<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>
STEPH/10.00 DME CW	IAF	CUDGI/10.00 DME	NOPT				10.00 DME ARC		3600
EEERS/10.00 DME CCW	IAF	CUDGI/10.00 DME	NOPT				10.00 DME ARC		3600
CUDGI/10.00 DME	IF	HVQ VOR/DME					083.53	10.00	3000

MISSED APPROACH

MAP:

MACSA/8.02 DME FIX

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 3500 DIRECT HVQ VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- HOLD W CHARLESTON VOR/DME, RT, 083.53 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 10000.
- FAC:** 083.73 **FAF:** HVQ VOR/DME **DIST FAF TO MAP:** 8.02 **DIST FAF TO THLD:**
- MIN ALT:** HVQ VOR/DME 3000, FOGAG/6.00 DME 1720
- MSA FROM:** HVQ VOR/DME 090-180 4000, 180-090 3600


EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:



ADDITIONAL FLIGHT DATA:

FAC CROSSES RWY 5 946 FEET FROM THLD.
HOLD W, RT, 083.53 INBOUND. 
CHART CIRCLING ICON.
CHART HVQ R-192 AT STEPH.
CHART HVQ R-019 AT EEERS.
CHART FAS OBST: 1297 ANTENNA 382125N/0813620W.
CHART: 1427 TOWER 382151N/0814604W, 1350 ANTENNA 382233N/0813926W.

MINIMUMS:

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

ALTERNATE: NA CAT C 900-2 1/2, CAT D 1000-3

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
CIRCLING	1720	1	773	1720	1	773	1760	2 1/2	813	1880	3	933				
FOGAG FIX MINIMUMS																
CIRCLING	1600	1	653	1600	1	653	1760	2 1/2	813	1880	3	933				

CHANGES - REASONS

- AIRPORT ELEVATION CHANGED FROM 981 TO 947 - AIRNAV DATA.
- CIRCLING CAT A/B HAA CHANGED FROM 739 TO 773 - AIRPORT ELEVATION CHANGED FROM 981 TO 947.
- INCREASED CAT C CIRCLING MDA/HAA FROM 1720/739 TO 1760/813 - APPLICATION OF CURRENT CIRCLING CRITERIA, IDENTIFIED NEW CONTROLLING OBSTACLE.
- INCREASED CAT D CIRCLING MDA/HAA FROM 1720/739 TO 1880/933 - APPLICATION OF CURRENT CIRCLING CRITERIA, IDENTIFIED NEW CONTROLLING OBSTACLE.
- FOGAG CIRCLING CAT A/B HAA CHANGED FROM 619 TO 653 - AIRPORT ELEVATION CHANGED FROM 981 TO 947.
- INCREASED FOGAG CIRCLING CAT C MDA/HAA FROM 1600/619 TO 1760/813 - APPLICATION OF CURRENT CIRCLING CRITERIA, IDENTIFIED NEW CONTROLLING OBSTACLE.
- INCREASED FOGAG CIRCLING CAT D VIS FROM 2 SM TO 2 1/2 SM - 8260.3D TABLE 3-3-7.
- CHANGED MISSED APPROACH FROM CLIMBING LEFT TURN TO 3000 VIA HEADING 055 AND HVQ R-069 TO CAMMA INT/21 DME AND HOLD TO CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 3500 DIRECT HVQ VOR/DME AND HOLD - ARMY REQUESTED THAT THE MISSED MIMIC ILS OR LOC RWY 5 MISSED APPROACH.
- CHANGED ALL REFERENCES OF HVQ VORTAC TO HVQ VOR/DME - TACR PROJECT.
- CHANGED MAP FROM MACSA/8.03 DME FIX TO MACSA/8.02 DME FIX - HVQ LOCATION UPDATED WITH NEW SURVEY DATA AND RWY 5 THLD EXTENDED SW.
- CHANGED FAC RWY 5 CROSSING FROM 1033 FEET TO 946 FEET FROM THLD - HVQ, R05, AND R23 UPDATED WITH NEW SURVEY DATA.
- ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - NEW CIRCLING CRITERIA APPLIED.
- CIRCLING VISIBILITY CAT C CHANGED FROM 2 SM TO 2 1/2 SM, CAT D FROM 2 1/4 SM TO 3 SM - NEW VISIBILITY TABLE.
- FOGAG CIRCLING VISIBILITY CAT C CHANGED FROM 1 3/4 TO 2 1/2 SM, CAT D FROM 2 SM TO 3 SM - NEW VISIBILITY TABLE.
- CHANGED HOLDING IN ADDITIONAL FLIGHT DATA FROM HOLD E, RT, 249.17 INBOUND TO HOLD W, RT, 081.00 INBOUND - MISSED HOLDING CHANGED FROM CAMMA TO HQV VOR/DME.

PDF EDIT:
ADDED PENDING TO FLIGHT CHECKED BY BLOCK.

- 11/27/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/1/18.
- CHANGED HOLDING INBOUND COURSE UNDER ADDITIONAL FLIGHT DATA FROM 081.00 TO 083.53.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZID, CRW APP CON, CRW TWR, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by
DAVID DANNER

Nov 01, 2018

OFFICE

DATE

DEVELOPED BY

LONNIE EVERHART (DALE SICKELS)

Digitally signed by
DAVID DANNER

OFFICE

DATE

AJV-5400

08/13/2018

APPROVED BY

LONNIE EVERHART

Digitally signed by
DAVID DANNER
Nov 01, 2018

OFFICE

DATE

TITLE

AJV-5400

MANAGER

