

**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.

AIRPORT ID HPT	PROCEDURE NAME VOR RWY 35	ORIGINAL/AMENDMENT 1H	CITY HAMPTON	STATE IA
AIRPORT ELEVATION 1176	TDZE 1168	SUPERSEDED VOR/DME RWY 35	DATED 12/30/2021	MAG VAR 6E
FACILITY MCW	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1965
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MCW VOR/DME		HAAMP/MCW 28.00 DME					162.54	28.00	3000

MISSED APPROACH

MAP:
MCW R-163/23.00 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 THEN RIGHT TURN ON MCW R-163 TO HAAMP/28.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- 1. **PT L** **SIDE OF COURSE** 162.54 **OUTBOUND** 3000 **FT WITHIN** 10 **MILES OF** HAAMP/MCW 28.00 DME (IAF)
- 2.
- 3. **FAC:** 342.54 **FAF:** HAAMP/MCW 28.00 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 4.96
- 4. **MIN ALT:** HAAMP/MCW 28.00 DME 3000
- 8. **MSA FROM:** MCW VOR/DME 090-360 2800, 360-090 3800

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCW ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND S-35 VISIBILITY CAT A 1/4 SM, AND CIRCLING VISIBILITY CAT A 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 342.54 INBOUND.
CHART FAS OBST: 1662 WINDMILL (19-021301) 423850N/0931440W.
FAC 635 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD.
HAAMP TO RW35: 3.42/40.



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												
S-35	1980	1	812	1980	1 1/4	812		NA				NA				
CIRCLING	1980	1	804	1980	1 1/4	804		NA				NA				

CHANGES - REASONS

1. PROCEDURE NAME: UPDATED FROM "VOR/DME RWY 35" TO "VOR RWY 35" - IAW 8260.19K 8-2-2.
2. INCORPORATED P-NOTAM 1/0780 - IAW 8260.19K 8-3-4.
3. MAP: UPDATED FROM "MCW R-163/23.00 DME FIX" TO "MCW R-163/23.00 DME" - REMOVED "FIX" IAW 8260.19K.
4. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 THEN RIGHT TURN VIA MCW R-163 TO HAAMP/28.00 DME AND HOLD" TO "CLIMB TO 3000 THEN RIGHT TURN ON MCW R-163 TO HAAMP/28.00 DME AND HOLD" - IAW 8260.19K 8-6-6.
5. PROFILE LINE 1: UPDATED FIX NAME FROM "HAAMP" TO "HAAMP/MCW 28.00 DME" - IAW 8260.19K 8-6-2.
6. PROFILE LINE 4: UPDATED MIN ALT FROM "HAAMP 3000" TO "HAAMP/MCW 28.00 DME 3000" - IAW 8260.19K 8-6-2.
7. EQUIPMENT REQUIREMENT NOTES: ADDED "DME REQUIRED" - IAW 8260.19K 8-6-9.
8. NOTES: UPDATED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON CITY ALTIMETER SETTING" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCW ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND S-35 VISIBILITY CAT A 1/4 SM, AND CIRCLING VISIBILITY CAT A 1/4 SM" - IAW 8260.19K 8-6-10, CANCELS NOTAM 5/0849.
9. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "1662 WIND TOWER" TO "1662 WINDMILL (19-021301) 423850N/0931440W" - IAW 8260.19K 8-6-11.
9. ADDITIONAL FLIGHT DATA: ADDED "FAC 635 FT R OF RWY C/L EXTENDED 3000 FT FROM THLD" - IAW 8260.19K 8-6-11.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZMP, ZAU, ALO ATCT, AMGR

FLIGHT CHECKED BY

JOEL F HAWKLEY

Digitally signed by **OFFICE**

DATE

RAKE MCGRAW AJF
Jan 16, 2026

01/15/2026

DEVELOPED BY

RAKE MCGRAW (JUDITH TUTTLE)

Digitally signed by **OFFICE**

DATE

RAKE MCGRAW AJV-A431
Jan 16, 2026

09/05/2025

Digitally signed by

RAKE MCGRAW OFFICE

DATE

Jan 16, 2026 AJV-A422

TITLE
MANAGER

APPROVED BY

RAKE MCGRAW



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> HPT	<u>PROCEDURE NAME</u> VOR RWY 35	<u>AMDT NO.</u> 1H	<u>CITY</u> HAMPTON	<u>STATE</u> IA	<u>AIRPORT ELEVATION</u> 1176	<u>FACILITY</u> MCW
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER
FROM MCW VOR/DME **TO** HAAMP/MCW 28.00 DME

<u>RNP</u>	<u>DISTANCE</u> 28.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (19-021320)	423752.68N/0931626.40W	1667	250	50	4D	1000				AT333	3000
TERRAIN	423739.00N/0931618.00W	1299 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: PT
FROM 10 NM **TO** HAAMP/MCW 28.00 DME

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (19-021320)	423752.68N/0931626.40W	1667	250	50	4D	1000				AT333	3000
TERRAIN	423739.00N/0931618.00W	1299 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
HPT

PROCEDURE NAME
VOR RWY 35

AMDT NO.
1H

CITY
HAMPTON

STATE
IA

AIRPORT ELEVATION
1176

FACILITY
MCW

FINAL

FROM
HAAMP/MCW 28.00 DME

TO
MCW R-163/23.00 DME

RNP

DISTANCE
4.96

PAT

MAP
MCW R-163/23.00 DME

HAT
812

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
WINDMILL (19-021301)	423849.92N/0931440.20W	1662	250	50	4D	250				AC50	1980

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

PROCEDURE TURN

FROM
HAAMP/MCW 28.00 DME

TO
10 NM

RNP

DISTANCE

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
WINDMILL (19-021341)	423740.99N/0931422.83W	1652	250	50	4D	1000				AT333	3000
TERRAIN	423736.00N/0931621.00W	1309 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
HPT

PROCEDURE NAME
VOR RWY 35

AMDT NO.
1H

CITY
HAMPTON

STATE
IA

AIRPORT ELEVATION
1176

FACILITY
MCW

MISSED APPROACH

FROM
MCW R-163/23.00 DME

TO
HAAMP/MCW 28.00 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
1730

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
WINDMILL (19-021320)	423752.68N/0931626.40W	1667	250	50	4D	1000				AT333	3000
TERRAIN	423739.00N/0931618.00W	1299 (1300)								AS1500	2800

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	424248.00N/0931515.00W	1.31	804	1360	215	8	4B	300		SI	1980
CATEGORY B											
TREE	424306.00N/0931536.00W	1.85	804	1377	215	8	4B	300		SI	1980

CIRCLING REMARKS:

MSA

CENTER **RADIUS**
MCW VOR/DME 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
090-360	WINDMILL (19-055339)	424652.06N/0932733.54W	191	19.7	1787	250	50	4D	1000			2800
360-090	TOWER (19-000404)	432220.00N/0925000.00W	046	27.4	2799	20	50	1D	1000			3800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH



AIRPORT ID
HPT

PROCEDURE NAME
VOR RWY 35

AMDT NO.
1H

CITY
HAMPTON

STATE
IA

AIRPORT ELEVATION
1176

FACILITY
MCW

ZMP ARTCC, FOD FSS

WX SERVICE
AWOS-3

LOCATION
HPT

HRS OPERATION
24

ALTIMETER SOURCE
HPT

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE
ASOS

LOCATION
MCW

HRS OPERATION
24

ALTIMETER SOURCE
MCW

DISTANCE
26.47

WMSCR
Y

ADJUSTMENTS
67

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KHPT 1176, KMCW 1213
RA = 66.1.

PRIMARY NAVAID
MCW VOR/DME

MONITOR POINT
MOCC

HRS OPERATION
24

CAT
1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW17 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)	NPI-G	
RW35 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)	NPI-G	

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE
3.00

TCH
28.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

3000FT FROM THRESHOLD
635FT R OF CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	RWY 35
34:1	
1234 TREE (19-031698) 424246.24N/0931340.90W (23.42)	
PENETRATIONS REMARKS:	



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP: NOT PUBLISHABLE DUE TO DME ERROR > 0.5 NM.

VEGETATION HEIGHT OF 100 FT USED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.63
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.26
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	348.54
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300
DISTANCE FROM	THLD	TO 1500FT POINT	4.96
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	348.54
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1300

THRESHOLD COORDINATES (IF STR-IN)

424305.44N/0931334.99W

ARP COORDINATES

424325.30N/0931334.80W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 35 DISTANCE 0.33 NM

FAF COORDINATES

423813.86N/0931215.33W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME

RAKE MCGRAW (JUDITH TUTTLE)

OFFICE

AJV-A431

DATE

09/05/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

