

**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 ID</u> KHQM	<u>PROCEDURE NAME</u> VOR RWY 6		<u>ORIGINAL/AMENDMENT</u> 16	<u>CITY</u> HOQUIAM	<u>STATE</u> WA	
<u>AIRPORT ELEVATION</u> 18	<u>TDZE</u> 18	<u>SUPERSEDED</u> VOR RWY 6	<u>ORIGINAL/AMENDMENT</u> 15A	<u>DATED</u> 10/07/2021	<u>MAG VAR</u> 19E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> HQM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<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>
HQM VORTAC		ESIXE/7.00 DME					241.54	7.00	2500
WAVLU/HQM 7.00 DME CW	IAF	ESIXE/7.00 DME	NOPT				7.00 DME ARC		2500
ESIXE/7.00 DME	IF/IAF	HQM VORTAC					061.54	7.00	2500
HQM VORTAC		TEYKU/HQM 2.35 DME					061.54	2.35	2000

MISSED APPROACH

MAP:

6.10 NM AFTER TEYKU/HQM 2.35 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING RIGHT TURN 2500 DIRECT HQM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 241.54 OUTBOUND 2500 FT WITHIN 10 MILES OF ESIXE (IAF)

2.

3. FAC: 061.54 FAF: TEYKU/HQM 2.35 DME DIST FAF TO MAP: 6.10 DIST FAF TO THLD: 6.10

4. MIN ALT: ESIXE/7.00 DME 2500, HQM VORTAC 2500, TEYKU/HQM 2.35 DME 2000

8. MSA FROM: HQM VORTAC 050-170 3000, 170-300 1300, 300-050 3600

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA NORTHWEST OF RWY 6-24.
CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.



CHART NOTE: STRAIGHT-IN RWY 6 NA AT NIGHT, CIRCLING RWY 6 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 062.00 INBOUND.
CHART FAS OBST: 380 TREE (53-024243) 465901N/1235844W.
CHART HQM R-148 AT WAVLU.
TEYKU TO RW06: 3.00/40.

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 900-2 3/4

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-06	640	1	622	640	1	622	640	1 3/4	622	640	1 3/4	622			
CIRCLING	640	1	622	640	1	622	800	2 1/4	782	840	2 3/4	822			

CHANGES - REASONS

1. MISSED APPROACH INSTRUCTIONS: CHANGED FROM CLIMBING RIGHT TURN TO 2500 DIRECT HQM VORTAC AND HOLD TO CLIMB TO 800 THEN RIGHT TURN TO 2500 DIRECT HQM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2500. - NEW EVALUATION WITH NEW PRIMARY MISSED APPROACH OBSTACLE: TOWER (53-000825), 634 MSL, 465955.43N/1235727.68W AC-1A.
2. TERMINAL ROUTES: ADDED FEEDER FROM HQM VORTAC TO ESIXE - PROVIDE TRANSITION FROM ENROUTE STRUCTURE - 8260.3, 2-3-1.
3. PROFILE VIEW LINE 1: CHANGED OUTBOUND COURSE FROM 241.55 TO 241.54 - NEW EVALUATION.
4. PROFILE VIEW LINE 1: CHANGED ALTITUDE FROM 1600 TO 2000 - ALTITUDE RAISE TO BE WITHIN .20 DEGREES OF VGSI
5. PROFILE VIEW LINE 1: CHANGED HQM VORTAC TO ESIXE - PROCEDURE TURN MOVED TO ESIXE.
6. PROFILE VIEW LINE 3: FAC CHANGED FROM 061.55 TO 061.54 - NEW EVALUATION.
7. PROFILE VIEW LINE 3: FAF CHANGED FROM HQM VORTAC TO TEYKU/2.35 DME - FAF RELOCATED TO MAINTAIN VGSI DESCENT GRADIENT.
8. PROFILE VIEW LINE 3: DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM 8.45 TO 6.10 - STEPDOWN REMOVED, FAF MOVED - 2.27 NM SOUTHWEST.
9. PROFILE VIEW LINE 4: MIN ALT CHANGED FROM HQM VORTAC 1600, TEYKU/4.62 DME 760 TO ESIXE/7.00 DME 2500, HQM VORTAC 2500, TEYKU/2.35 DME 2500- FAF CHANGED FROM HQM VORTAC TO TEYKU AND FAF RELOCTED; FAF ALTITUDE CHANGED FROM 1600 TO 2000, HQM VORTAC CHANGED FROM 1600 TO 2500, HQM VORTAC CHANGED FROM FAF TO INTERMEDIATE STEPDOWN.
10. EQUIPMENT REQUIREMENT NOTES: ADDED DME REQUIRED.
11. CHART NOTE: ADDED STRAIGHT-IN RWY 6 NA AT NIGHT, CIRCLING RWY 6 NA AT NIGHT - 20:1 PENETRATIONS AND UPDATED FORMATTING.
12. ADDITIONL FLIGHT DATA NOTE: ADDED TEYKU TO RW06: 3.00/40 - MOVED FAF FROM HQM VOR TO TEYKU FIX.
13. REMOVED TEYKU FIX MINIMUMS - NO REDUCTION IN MINIMUMS.
14. LOWERED MDA/HAA CIRCLING CAT D FROM 860/842 840/822 - NEW EVALUATION.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZSW, SEA FSS, AMGR

FLIGHT CHECKED BY

TROY E DEVINE

Digitally signed by
JASON KRETSCHMER
Dec 23, 2022

OFFICE

FPO

DATE

12/21/2022

DEVELOPED BY

RAYMOND JOHNSON

Digitally signed by
JASON KRETSCHMER
Nov 21, 2022

OFFICE

AJV-A421

DATE

04/06/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
Nov 21, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER
QUALITY
16
CHECKED