

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> SHN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> SHELTON	<u>STATE</u> WA
<u>AIRPORT ELEVATION</u> 273	<u>TDZE</u> 270	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>DATED</u> 03/31/2016	<u>MAG VAR</u> 15E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 FEBRUARY 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
			<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>
CARRO		ULESS		TF	FO	1.00	234.00	26.87	3600
RINDS		OTOTE		TF	FB	1.00	312.91	15.69	4000
OTOTE	IAF	ULESS	NOPT	TF	FB	1.00	319.08	10.00	3200
ULESS	IF/IAF	IMINE		TF	FB	1.00	048.34	8.80	2000
IMINE	FAF	ALARE/3.30 NM TO RW05		TF	FB	0.30	052.81	2.04	
ALARE/3.30 NM TO RW05		RW05	MAP	TF	FO	0.30	052.81	3.30	
RW05	MAP	673 MSL		CA			052.81		
673 MSL		CARRO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW05
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT CARRO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD SW ULESS, RT, 048.34 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 052.81 FAF: IMINE DIST FAF TO MAP: 5.34 DIST FAF TO THLD: 5.34
- MIN ALT: ULESS 3200, IMINE 2000, ALARE/3.30 NM TO RW05 1340
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS CLEAR TCH:
- MSA FROM: RW05 8100

QUALITY
13
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA FOR CATS C AND D SOUTH OF RWY 5-23.
CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OLM ALTIMETER SETTING: INCREASE ALL MDAS 60 FT AND INCREASE LNAV VISIBILITY CATS C AND D 1/4 SM; INCREASE CIRCLING VISIBILITY CAT C 1/4 SM.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT ULESS ON V27 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CARRO ON V165-287 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RINDS ON V187 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 047.40 INBOUND.
CHART FAS OBST: 536 TREE (53-028357) 471409N/1231027W, 489 TREE (53-029634) 471337N/1231100W.
CHART 503 TREE (53-062452) 471255N/1231311W.
WAAS CHANNEL # 61038
REFERENCE PATH ID: W05A
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
LTP HAE: 57.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LP MDA	740	1	470	740	1	470	740	1 3/8	470	740	1 3/8	470			
LNAV MDA	800	1	530	800	1	530	800	1 1/2	530	800	1 1/2	530			
CIRCLING	840	1	567	860	1	587	860	1 1/2	587	1200	3	927			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR ORIG-A INTO FORM – IAW 8260.19J, 8-3-4.C(3).
2. PROFILE LINE 2: ADDED “, MAX 6000” – IAW 8260-19J, 8-6-7. B(2).
3. PROFILE LINE 4: CHANGED FROM “ALARE/3.30 NM TO RW05 1340*” TO “ALARE/3.30 NM TO RW05 1340” – UPDATED CRITERIA REMOVES “*” (ASTERISK).
4. PROFILE LINE 7: ADDED “20:1 IS CLEAR” –20:1 VISUAL SURFACE CLEAR, NEW OBSTACLE EVALUATION.
5. PBN REQUIREMENTS NOTE: ADDED “RNP APCH-GPS” - IAW 8260.19J, 8-6-8.D(5)(A)1.
6. NOTES: DELETED “CHART NOTE: DME/DME RNP-0.3 NA” – UPDATED CRITERIA.
7. NOTES: UPDATED “CHART NOTE: CIRCLING NA FOR CATS C AND D S OF RWY 5-23” TO “CHART NOTE: CIRCLING NA FOR CATS C AND D SOUTHEAST OF RWY 5-23” – IAW 8260.19J, 8-6-12.O(5)(D).
8. NOTES: UPDATED “CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED” TO “CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED” – IAW 8260.19J. 8-6-12.K(2).
9. NOTES: UPDATED “CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OLYMPIA ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, INCREASE LP AND LNAV VISIBILITY CATS C,D AND CIRCLING CAT C VISIBILITY 1/8 MILE” TO “CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OLM ALTIMETER SETTING: INCREASE ALL MDAS 60 FT AND INCREASE LNAV VISIBILITY CATS C AND D 1/4 SM; INCREASE CIRCLING VISIBILITY CAT C 1/4 SM” – UPDATED OBSTACLE EVALUATION.
10. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM “CHART FAS OBST: 537 TREE 471409N/1231030W, CHART FAS OBST: 490 TREE 471249N/1231302W” TO “CHART FAS OBST: 536 TREE (53-028357) 471409N/1231027W, CHART FAS OBST: 489 TREE (53-029634) 471337N/1231100W” – NEW OBSTACLE EVALUATION.
11. ADDITIONAL FLIGHT DATA: REMOVED “1116 AAO 471142N/1231348W” – IAW 8260.19J, 8-6-11.E(2).
12. MINIMUMS: LOWERED LNAV VIS CATS C AND D FROM “1 5/8” TO “1 1/2” – IAW 8260.3E1, TABLE 3-3-1.
13. MINIMUMS: INCREASED CIRCLING CATS B AND C CMDA/HAA FROM “840/567” TO “860/587” – NEW OBSTACLE EVALUATION, CANCELS T-NOTAM 3/1407.
14. FAS DATA BLOCK INFORMATION: FPAP LAT/LONG CHANGED FROM “471425.0090N/ 1230723.5965W” TO “471425.0105N/1230723.5975W” - NEW FPAP LOCATION.
15. FAS DATA BLOCK INFORMATION: TCH AND GPA CHANGED FROM “40.0/3.00” TO “00.0/0.00”, CRC REMAINDER CHANGED FROM “EA33C332” TO “5A16E60A” - NEW FPAP LOCATION, VDA REMOVAL, GPA/TCH ZEROED PER VDA REMOVAL WORKSHEET.

COORDINATED WITH:

A4A

ALPA

AOPA

X

APA

HAI

NBAA

X

OTHER: SEA APP CON, AMGR, WA AERO

FLIGHT CHECKED BY
ANTHONY D VALLERA

Digitally signed by
CASIMIR L TABAKA
Nov 19, 2024

OFFICE
AJF
DATE
11/14/2024

DEVELOPED BY
CASIMIR L. TABAKA (RONALD K. STROBACH)

Digitally signed by
CASIMIR L TABAKA
Nov 19, 2024

OFFICE
AJV-A432
DATE
07/17/2024

APPROVED BY
CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Nov 19, 2024

OFFICE
AJV-A432
DATE
12/26/2024
TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSHN
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	471351.5220N
LTP/FTP LONGITUDE	1230924.7535W
LTP/FTP ELLIPSOIDAL HEIGHT	+00573
FPAP LATITUDE	471425.0105N
FPAP LONGITUDE	1230723.5975W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	5A16E60A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+00788
FPAP ORTHOMETRIC HEIGHT	+00788

