

**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> RLD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> RICHLAND	<u>STATE</u> WA
<u>AIRPORT ELEVATION</u> 394	<u>TDZE</u> 390	<u>SUPERSEDED</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 12/06/2018
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 17E
				<u>EPOCH YEAR</u> 2005
				<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>
PSC VOR/DME		CUTAS		TF	FO	1.00	059.63	4.35	3000
LYLES	IAF	CUTAS	NOPT	TF	FB	1.00	277.90	18.02	3000
SMITT	IAF	CUTAS	NOPT	TF	FB	1.00	186.46	13.72	3000
CUTAS	IF/IAF	HOTGA		TF	FB	1.00	258.66	6.17	2200
HOTGA	FAF	JILPU/1.82 NM TO RW26		TF	FB	0.30	258.54	3.71	
JILPU/1.82 NM TO RW26		RW26	MAP	TF	FO	0.30	258.54	1.82	
RW26	MAP	900 MSL		CA			258.54		900
900 MSL		NIALS		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW26

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 900 THEN CLIMBING RIGHT TURN 3500 DIRECT NIALS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD E CUTAS, RT, 258.66 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 258.54	FAC: HOTGA		DIST FAF TO MAP: 5.53	DIST FAF TO THLD: 5.53	
4. MIN ALT: CUTAS 3000, HOTGA 2200, JILPU/1.82 NM TO RW26 1020					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	261 HAT: 0.66	GS ANT:
6. MIN GP INCPT: 2200	GP ALT AT PFAF: HOTGA 2200			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 51.6		IM:
8. MSA FROM: RW26 4900					

QUALITY
25
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.

CHART NOTE: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PSC ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PSC VOR/DME AIRWAY RADIALS 306 CW 153.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PSC ALTIMETER SETTING AND INCREASE LPV DA TO 666 FEET; INCREASE LNAV/VNAV DA TO 671 FEET; INCREASE ALL MDAS 20 FEET AND CIRCLING VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 303.75 INBOUND.

CHART FAS OBST: 490 ELECTRICAL_SYSTEM (53-121808) 461854N/1191702W.

CHART VDP AT 0.94 NM TO RW26.

WAAS CHANNEL # 77903

REFERENCE PATH ID: W26A

CHART CIRCLING ICON.

LTP HAE: 96.6 M

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - CAT C 900-2 1/4, CAT D 1600-3, 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
LPV DA	646	7/8	256	646	7/8	256	646	7/8	256	646	7/8	256			
LNAV/VNAV DA	651	7/8	261	651	7/8	261	651	7/8	261	651	7/8	261			
LNAV MDA	740	1	350	740	1	350	740	1	350	740	1	350			
CIRCLING	820	1	426	1000	1	606	1200	2 1/4	806	1960	3	1566			



CHANGES - REASONS

1. CHANGED TDZE FROM 389 TO 390 - NEW SURVEY DATA
2. CHANGED JILPU DESCRIPTION FROM 1.90 NM TO RWY 26 TO 1.82 NM TO RWY 26 - SDF MOVED BASED ON GPA/TCH
3. INCREASED HOTGA-JILPU SEGMENT DISTANCE FROM 3.63 TO 3.71 AND DECREASED JILPU-RW26 SEGMENT DISTANCE FROM 1.90 TO 1.82 – FAF/SDF MOVED BASED ON GPA/TCH
4. ADDED MAX 6000 TO PROFILE LINE 2 - 8260.19J 8-6-7.B.
5. REMOVED ASTERISK FROM PROFILE LINE 4 JILPU CROSSING ALTITUDE - NOT REQUIRED PER CURRENT CRITERIA
6. ADDED 261 HAT: 0.66 TO PROFILE LINE 5 - 8260.19J 8-6-7.E
7. ADDED 20:1 IS CLEAR TO PROFILE LINE 6 - 8260.19J 8-6-7.F.
8. CHANGED TCH FROM 53.1 TO 51.6 IN PROFILE LINE 6 - MATCHES VGSI
9. CHANGED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH - GPS - 8260.19J 8-6-8
10. CHANGED REMOTE ALTIMETER NOTE FROM “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PASCO ALTIMETER SETTING AND INCREASE ALL DA 21 FEET AND ALL MDA 40 FEET AND INCREASE LNAV/VNAV CATS A AND B VISIBILITY 1/8 MILE, CIRCLING CAT C VISIBILITY 1/4 MILE” TO “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PSC ALTIMETER SETTING AND INCREASE LPV DA TO 666 FEET; INCREASE LNAV/VNAV DA TO 671 FEET; INCREASE ALL MDAS 20 FEET AND CIRCLING VISIBILTY CAT C 1/4 SM - 8260.19J 8-6-10.F.
11. CHANGED CHART NOTE FROM “BARO-VNAV NA WHEN USING PASCO ALTIMETER SETTING” TO “BARO-VNAV AND VDP NA WHEN USING PSC ALTIMETER SETTING” - 8260.19J 8-6-10.E.
12. CHANGED LNAV/VNAV TEMPERATURE RESTRICTIONS FROM -15°C/41°C TO -12°C/54°C AND REMOVED °F VALUES FROM CHART NOTE - NEW VALUES BASED ON 5-YEAR TEMP STUDY
13. CHANGED FAS OBST FROM 456 TREE 461820N/1191709W TO 490 ELECTRICAL_SYSTEM (53-121808) 461854N/1191702W IN ADDITIONAL FLIGHT DATA - FAF/SDF MOVED
14. CHANGED VDP POSITION FROM “0.88 NM TO RW26” TO “0.94 NM TO RWY 26” IN ADDITIONAL FLIGHT DATA - FAF/SDF MOVED
15. CHANGED LTP HAE FROM 96.3 M TO 96.6 M - NEW SURVEY DATA
16. ADDED ALTERNATE MINIMUMS: STANDARD - CAT C 900-2 1/4, CAT D 1600-3, NA WHEN LOCAL WEATHER NOT AVAILABLE - 8260.3F 3-4-1
17. DECREASED LPV DA/HAT FROM 657/268 TO 646/256 - CALCULATED VALUE PER CURRENT CRITERIA/NEW TDZE VALUE
18. INCREASED LNAV/VNAV DA/HAT FROM 639/250 TO 651/261 AND VISIBILITY FROM 3/4 SM TO 7/8 SM - NEW CONTROLLING OBSTACLE
19. INCREASED LNAV MDA/HAT FROM 720/331 TO 740/350 - NEW CONTROLLING OBSTACLE
20. DECREASED CIRCLING CAT A MDA/HAA FROM 920/526 TO 820/426 - NEW CONTROLLING OBSTACLE
21. FAS DATA CHANGES: LTP COORDINATES FROM 461821.0300N/1191743.7100W TO 461821.0305N/1191743.7080W, LTP ELLIPSOIDAL HEIGHT FROM +00963 TO +00966, FPAP COORDINATES FROM 461829.4530N/1191951.6590W TO 461829.4610N/1191951.6560W, TCH FROM 00053.1 TO 00051.6, CRC REMAINDER FROM 74CA2C05 TO 013FAF6D, LTP & FPAP ORTHOMETRIC HEIGHT FROM +01180 TO +01183
22. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT PSC VOR/DME ON V187 SOUTHWEST BOUND AND ON V281 SOUTHEAST BOUND" TO "PROCEDURE NA FOR ARRIVAL ON PSC VOR/DME AIRWAY RADIALS 306 CW 153" - FORMAT CORRECTED FOR FEEDER FIX OVER A NAVAID PER 8260.19J 8-2-5E(2)

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: GEG APP CON, ZSE, AMGR, PSC ATCT

FLIGHT CHECKED BY

CHRISTOPHER R VANDEVEER

Digitally signed by

ROBERT G HAMILTON

Jun 02, 2025

OFFICE

AJF

DATE

05/28/2025

DEVELOPED BY

KWEKU DONKOR

Digitally signed by

KWEKU DONKOR

May 05, 2025

OFFICE

AJV-A433

DATE

04/09/2025

APPROVED BY

BEV L BORDY

Digitally signed by

ROBERT G HAMILTON

Jun 02, 2025

OFFICE

AJV-A430

DATE

TITLE

MANAGER



AIRPORT ID
RLD

PROCEDURE NAME
RNAV (GPS) RWY 26

ORIGINAL/AMENDMENT
3

CITY
RICHLAND

STATE
WA

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRLD
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	461821.0305N
LTP/FTP LONGITUDE	1191743.7080W
LTP/FTP ELLIPSOIDAL HEIGHT	+00966
FPAP LATITUDE	461829.4610N
FPAP LONGITUDE	1191951.6560W
THRESHOLD CROSSING HEIGHT (TCH)	00051.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	013FAF6D
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+01183
FPAP ORTHOMETRIC HEIGHT	+01183



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
RLD	RNAV (GPS) RWY 26	3	RICHLAND	WA	394	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM PSC VOR/DME **TO** CUTAS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	4.35				

<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>
AAO	461854.00N/1190306.00W	771	215	8	4B	2000				AT229	3000
TERRAIN	461854.00N/1190306.00W	570 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM LYLES **TO** CUTAS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	18.02				

<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>
AAO	461100.00N/1183454.00W	1467	215	8	4B	1000				AT533	3000
TERRAIN	461145.00N/1183700.00W	1171 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

SMITT

TO

CUTAS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	13.72										
<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>
AAO	463036.00N/1185309.00W	1332	215	8	4B	1000				AT668	3000
TERRAIN	462903.00N/1185151.00W	1095 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

CUTAS (IF/IAF)

TO

HOTGA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.17										
<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>
AAO	462027.00N/1190209.00W	922	215	8	4B	500				AT778	2200
TERRAIN	462003.00N/1190324.00W	636 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

HOTGA

TO

RW26

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.53		DA				256				
<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>
TREE (53-025331)	461819.70N/1191709.36W	456	20	10	1B		34.00:1			AC10 MA6	646

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

HOTGA

TO

RW26

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.53		DA				261				
<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>
ELECTRICAL_SYSTEM (53-121808)	461854.05N/1191701.57W	490	20	3	1A	161					651

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM

HOTGA

TO

JILPU/1.82 NM TO RW26

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.71										
<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>
AAO	461745.00N/1191203.00W	745	215	8	4B	250				RA20	1020

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

JILPU/1.82 NM TO RW26

TO

RW26

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	1.82		RW26		350						
<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>
ELECTRICAL_SYSTEM (53-121808)	461854.05N/1191701.57W	490	20	3	1A	250					740

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

CUTAS

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
		P-5									
<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>
AAO	462142.00N/1185003.00W	1365	215	8	4B	1000					2400
TERRAIN	462142.00N/1185003.00W	1164 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LPV

FROM

DA

TO

NIALS

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 454				
<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>
TREE (53-025331)	461819.70N/1191709.36W	456	20	10	1B		ASC				3500
AAO	463554.00N/1192739.00W	1280	215	8	4B	1000					2300
TERRAIN	463551.00N/1192733.00W	1040 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

NIALS

<div>RNP</div> <div>0.30-1.00</div>	DISTANCE	PAT	MAP		HAT		HMAS		490		
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3500
AAO	463554.00N/1192739.00W	1280	215	8	4B	1000					2300
TERRAIN	463551.00N/1192733.00W	1040 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV

FROM

RW26

TO

NIALS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											640
<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>
							ASC				3500
AAO	463554.00N/1192739.00W	1280	215	8	4B	1000					2300
TERRAIN	463551.00N/1192733.00W	1040 (1000)								AS1500	2500

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	461712.00N/1191957.00W	1.30	426	514	215	8	4B	300			820
CATEGORY B											
SPIRE (53-121740)	461711.06N/1192049.69W	1.82	606	689	20	10	1B	300			1000
CATEGORY C											
TOWER (53-001325)	461758.33N/1192127.38W	2.86	806	837	250	50	4D	300		AC50	1200
CATEGORY D											
AAO	461418.00N/1191936.00W	3.78	1566	1654	215	8	4B	300			1960

CIRCLING REMARKS:

MSA

CENTER

RW26

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	462651.00N/1195021.00W	274	24.1	3829	215	8	4B	1000			4900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZSE ARTCC, SEA FSS, GEG APP CON

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> RLD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> RLD	<u>DISTANCE</u> 0	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> PSC	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PSC	<u>DISTANCE</u> 8.07	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 20

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KRLD 394, KPSC 402
RA = 19.5

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW01 - MIRL (PCL), REIL (PCL), PAPI-2L	NPI-G		
RW08 - MIRL (PCL), PAPI-2L	NPI-G		
RW19 - MALS (PCL), REIL (PCL), MIRL (PCL), PAPI-2L	NPI-G		
RW26 - MIRL (PCL), VASI-4L	NPI-G		

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 388.1	<u>TCH</u> 51.6	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 51.6
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -12C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -12C	<u>APT ISA</u> +14.22C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2020-2024).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 960 HIGH TEMP 1266.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, AND LNAV	QUALITY 25 CHECKED
34:1		
438 TREE (53-023985) 461817.13N/1191722.63W (11.35)	434 TREE (53-025330) 461816.79N/1191722.12W (6.21)	

<u>AIRPORT ID</u> RLD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 26	<u>AMDT NO.</u> 3	<u>CITY</u> RICHLAND	<u>STATE</u> WA	<u>AIRPORT ELEVATION</u> 394	<u>FACILITY</u> RNAV
456 TREE (53-025331) 461819.70N/1191709.36W (2.8)			400 TRAVERSE WAY (53-024115) 461820.46N/1191735.41W (0.56)			
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
25 FT VEGETATION USED PER FPT.
LPV AND LNAV/VNAV ACCEPTABLE VGS PENETRATION: SIGN (53-022368)
TAA NOT DEVELOPED PER ATC/FPT REQUEST.
VISIBILITY MINIMUM 7/8 SM TO MITIGATE PART 77 PRIMARY SURFACE PENETRATION - PER FPT CHECKLIST.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
KWEKU DONKOR	AJV-A433	04/09/2025	AERONAUTICAL INFORMATION SPECIALIST

