

**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.

<b>AIRPORT ID</b> HPB/PAHP	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 14	<b>ORIGINAL/AMENDMENT</b> 2A	<b>CITY</b> HOOPER BAY	<b>STATE</b> AK
<b>AIRPORT ELEVATION</b> 20	<b>TDZE</b> 20	<b>SUPERSEDED</b> RNAV (GPS) RWY 14	<b>DATED</b> 09/08/2022	<b>MAG VAR</b> 8E
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2025
			<b>CANCEL/SUSPEND</b>	

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 050/30 CW 180/30	NOPT	COYRA	IF/IAF	2000
2. 180/30 CW 231/30	NOPT	180/7 CW 231/7		3900
3. 180/7 CW 231/7		COYRA	IF/IAF	2000
4. 231/30 CW 320/30		UYYUK	IAF	3900
5. 320/30 CW 050/30		LUYGE	IAF	2000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
UYYUK	IAF	COYRA	NOPT	TF	FB	1.00	230.64	7.00	2000
LUYGE	IAF	COYRA	NOPT	TF	FB	1.00	050.27	7.00	2000
COYRA	IF/IAF	SAYOY		TF	FB	1.00	140.45	7.00	1500
SAYOY	FAF	WUTEL/2.50 NM TO RW14		TF	FB	0.30	140.56	2.01	
WUTEL/2.50 NM TO RW14		RW14	MAP	TF	FO	0.30	140.56	2.50	
RW14	MAP	220 MSL		CA			140.56		
220 MSL		JUGLO		DF	FO	1.00			2000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW14

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 DIRECT JUGLO AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF**                      (IAF)
- 2. HOLD NW COYRA, RT, 140.45 INBOUND, 2000 IN LIEU OF PT (IF/IAF), MAX 6000.
- 3. **FAC:** 140.56                      **FAF:** SAYOY                      **DIST FAF TO MAP:** 4.51                      **DIST FAF TO THLD:** 4.51
- 4. **MIN ALT:** COYRA 2000, SAYOY 1500, WUTEL/2.50 NM TO RW14 860
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **200 HAT:** 0.49                      **GS ANT:**
- 6. **MIN GP INCPT:** 1500                      **GP ALT AT PFAF:** SAYOY 1500                      **OM:**                      **MM:**                      **IM:**
- 7. **GP ANGLE:** 3.00                      **34:1:** IS CLEAR                      **20:1:** IS CLEAR                      **TCH:** 45.0
- 8. **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.

**ADDITIONAL FLIGHT DATA:**

CHART KENAI RADIO RCO.  
HOLD SE, RT, 320.81 INBOUND.  
FAS OBST: 45 TREE 613209N/1660839W.  
CHART VDP AT 0.79 NM TO RW14.  
WAAS CHANNEL # 82224  
REFERENCE PATH ID: W14A  
CHART ANCHORAGE CENTER FREQUENCY.  
LTP HAE: 14.1 M

**MINIMUMS:**

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

ALTERNATE: NA  STANDARD - 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	220	1	200	220	1	200	220	1	200	220	1	200				
LNAV/VNAV DA	270	1	250	270	1	250	270	1	250	270	1	250				
LNAV MDA	300	1	280	300	1	280	300	1	280	300	1	280				
CIRCLING	400	1	380	480	1	460	480	1 1/2	460	580	2	560				

**CHANGES - REASONS**

- 1. TAA: LINE 2: FROM 180/30 CW 231/30 TO 180/7 CW 231/7 MINIMUM ALTITUDE CHANGED FROM "3800" TO "3900". - NEWER MITRE 3DEP TERRAIN MODEL WITH INCREASED ACCURACY REQUIRED HIGHER ALTITUDE DUE TO THE AIRSPACE EVALUATION
- 2. TAA: LINE 4: FROM 231/30 CW 320/30 TO UYYUK MINIMUM ALTITUDE CHANGED FROM "3800" TO "3900". - NEWER MITRE 3DEP TERRAIN MODEL WITH INCREASED ACCURACY REQUIRED HIGHER ALTITUDE DUE TO THE AIRSPACE EVALUATION
- 3. NOTES: DELETED NOTE "CIRCLING RWY 32 NA AT NIGHT". - RWY 32 20:1 PENETRATING OBSTACLES (TRAVERSE WAYS) MITIGATED
- 4. ADDITIONAL FLIGHT DATA: FAS NOTE CHANGED FROM "CHART FAS OBST: 44 TREE 613207N/1660813W" TO "FAS OBST: 45 TREE 613209N/1660839W". - ASSUMED VEGETATION NO LONGER REQUIRED TO BE CHARTED BY CRITERIA, COORDINATES UPDATED WITH LATEST EVALUATION USING MORE ACCURATE MITRE 3DEP TERRAIN MODEL
- 5. ADDITIONAL FLIGHT DATA: DELETED NOTE: "CHART CIRCLING ICON". - NOTE NO LONGER REQUIRED TO BE CHARTED BY CRITERIA



AIRPORT ID  
HPB/PAHP

PROCEDURE NAME  
RNAV (GPS) RWY 14

ORIGINAL/AMENDMENT  
2A

CITY  
HOOPER BAY

STATE  
AK

COORDINATED WITH:

A4A  ALPA  AOPA  APA  HAI  NBAA

OTHER: ZAN, KENAI FSS

FLIGHT CHECKED BY  
EDWARD WILLIAM MESA

OFFICE  
FIOG

DATE  
06/29/2022

DEVELOPED BY  
BRYANT SMITH

OFFICE  
AJV-A433

DATE  
02/23/2026

APPROVED BY  
ROBERT G HAMILTON

OFFICE  
AJV-A433

DATE

TITLE  
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAHP
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	613139.8070N
LTP/FTP LONGITUDE	1660905.5495W
LTP/FTP ELLIPSOIDAL HEIGHT	+00141
FPAP LATITUDE	613023.9340N
FPAP LONGITUDE	1660728.7665W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER A88DDD9D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00059
FPAP ORTHOMETRIC HEIGHT	+00059



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

<u>AIRPORT ID</u> HPB/PAHP	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>AMDT NO.</u> 2A	<u>CITY</u> HOOPER BAY	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 20	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**STRAIGHT-IN AREA**

<b>FROM</b> 050/30 CW 180/30	<b>TO</b> COYRA
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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	614127.00N/1662139.00W	200	215	8	4B	1000				AT800	2000
TERRAIN	613009.00N/1670000.00W	0 (0)								AS1500	1500

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

**STRAIGHT-IN AREA**

<b>FROM</b> 180/30 CW 231/30	<b>TO</b> 180/7 CW 231/7
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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>
TOWER (02-000060)	614705.00N/1655645.00W	2432	250	50	4D	1000				AT468	3900
TERRAIN	614815.00N/1655812.00W	1581 (1600)								AS1500	3100

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**



**AIRPORT ID**  
HPB/PAHP

**PROCEDURE NAME**  
RNAV (GPS) RWY 14

**AMDT NO.**  
2A

**CITY**  
HOOPER BAY

**STATE**  
AK

**AIRPORT ELEVATION**  
20

**FACILITY**  
RNAV

**STRAIGHT-IN AREA**

**FROM**  
180/7 CW 231/7

**TO**  
COYRA

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>
AAO	614209.00N/1660842.00W	227	215	8	4B	1000				AT773	2000
TERRAIN	614422.23N/1661738.09W	0 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**LEFT BASE AREA**

**FROM**  
231/30 CW 320/30

**TO**  
UYYUK

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>
TOWER (02-000060)	614705.00N/1655645.00W	2432	250	50	4D	1000					3500
TERRAIN	614706.00N/1655645.00W	2352 (2400)								AS1500	3900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
HPB/PAHP

**PROCEDURE NAME**  
RNAV (GPS) RWY 14

**AMDT NO.**  
2A

**CITY**  
HOOPER BAY

**STATE**  
AK

**AIRPORT ELEVATION**  
20

**FACILITY**  
RNAV

**RIGHT BASE AREA**

**FROM**  
320/30 CW 050/30

**TO**  
LUYGE

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>
AAO	613754.00N/1660957.00W	273	215	8	4B	1000				AT727	2000
TERRAIN	613103.00N/1660836.00W	32 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**

**FROM**  
UYYUK

**TO**  
COYRA

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS  
1.00                      7.00

<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	614424.00N/1660754.00W	210	215	8	4B	1000				AT790	2000
TERRAIN	614330.00N/1660742.00W	3 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
HPB/PAHP

**PROCEDURE NAME**  
RNAV (GPS) RWY 14

**AMDT NO.**  
2A

**CITY**  
HOOPER BAY

**STATE**  
AK

**AIRPORT ELEVATION**  
20

**FACILITY**  
RNAV

**INITIAL**

**FROM**  
LUYGE

**TO**  
COYRA

RNP  
1.00

DISTANCE  
7.00

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>
AAO	613937.43N/1662755.40W	200	215	8	4B	200				AT1600	2000
TERRAIN	613937.43N/1662755.40W	0 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM**  
COYRA (IF/IAF)

**TO**  
SAYOY

RNP  
1.00

DISTANCE  
7.00

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>
AAO	613828.63N/1661749.74W	200	215	8	4B	500				AT800	1500
TERRAIN	613828.63N/1661749.74W	0 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
HPB/PAHP

**PROCEDURE NAME**  
RNAV (GPS) RWY 14

**AMDT NO.**  
2A

**CITY**  
HOOPER BAY

**STATE**  
AK

**AIRPORT ELEVATION**  
20

**FACILITY**  
RNAV

**FINAL: LPV**

**FROM** SAYOY **TO** RW14

**RNP** 0.30 **DISTANCE** 4.51 **PAT** **MAP** DA **HAT** 200 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				220

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV/VNAV**

**FROM** SAYOY **TO** RW14

**RNP** 0.30 **DISTANCE** 4.51 **PAT** **MAP** DA **HAT** 250 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				270

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV**

**FROM** SAYOY **TO** WUTEL/2.50 NM TO RW14

**RNP** 0.30 **DISTANCE** 2.01 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	613436.00N/1661251.00W	200	215	8	4B	250				RA59 DG351	860

QUALITY  
39  
CHECKED

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**AIRPORT ID**  
HPB/PAHP

**PROCEDURE NAME**  
RNAV (GPS) RWY 14

**AMDT NO.**  
2A

**CITY**  
HOOPER BAY

**STATE**  
AK

**AIRPORT ELEVATION**  
20

**FACILITY**  
RNAV

**FINAL: LNAV STEPDOWN**

**FROM**  
WUTEL/2.50 NM TO RW14

**TO**  
RW14

**RNP**  
0.30

**DISTANCE**  
2.50

**PAT**

**MAP**  
RW14

**HAT**  
280

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TREE	613209.00N/1660839.00W	45	215	8	4B	250					300

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

AC 2C EVALUATED PER AGT MEMO TGTS-171

**HOLD-IN-LIEU OF PT**

**FROM**  
COYRA

**TO**  
P-4

**RNP**

**DISTANCE**

**PAT**  
P-4

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	614127.13N/1662140.05W	200	164	98	4E	1000				AT800	2000
TERRAIN	614127.13N/1662140.05W	0 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
HPB/PAHP

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RNAV (GPS) RWY 14

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**CITY**  
HOOPER BAY

**STATE**  
AK

**AIRPORT ELEVATION**  
20

**FACILITY**  
RNAV

**MISSED APPROACH: LPV**

**FROM** DA **TO** JUGLO

**RNP** 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 55

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
AAO	612436.00N/1655530.00W	220	215	8	4B	1000					1300
TERRAIN	613103.00N/1660836.00W	32 (0)								AS1500	1500

**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** JUGLO

**RNP** 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 109

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
AAO	612436.00N/1655530.00W	220	215	8	4B	1000					1300
TERRAIN	613103.00N/1660836.00W	32 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**





**AIRPORT ID**  
HPB/PAHP

**PROCEDURE NAME**  
RNAV (GPS) RWY 14

**AMDT NO.**  
2A

**CITY**  
HOOPER BAY

**STATE**  
AK

**AIRPORT ELEVATION**  
20

**FACILITY**  
RNAV

KENAI FSS, ZAN ARTCC

**WX SERVICE**  
AWOS-3P

**LOCATION**  
HPB/PAHP

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
HPB/PAHP

**DISTANCE**

**WMSCR**  
Y

**ADJUSTMENTS**  
0

**BACK-UP WX SERVICE**  
AWOS-3P

**LOCATION**  
SCM/PACM

**HRS OPERATION**  
24

**ALTIMETER SOURCE**  
SCM/PACM

**DISTANCE**  
25.24

**WMSCR**  
Y

**ADJUSTMENTS**  
59

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
PAHP 20, PACM 12  
RA = 59.0.

**PRIMARY NAVAID**

**MONITOR POINT**

**HRS OPERATION**

**CAT**

<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW32 - REIL (PCL), MIRL (PCL), VASI-4L (PCL)		
RW14 - REIL (PCL), MIRL (PCL), VASI-4L (PCL)		

**GLIDESLOPE ANGLE**  
3.00

**ELEV RWY THRESHOLD**  
19.4

**TCH**  
45.0

**ELEV GS ANTENNA**

**DISTANCE FROM RWY**

**VGSI ANGLE**  
3.00

**TCH**  
28.3

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD  
ON CENTERLINE

FT FROM THRESHOLD  
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

**CRITICAL TEMPERATURES**

**CRITICAL LOW**  
-19C

**CRITICAL HIGH**  
+54C

**ACT**  
-25C

**APT ISA**  
+14.96C

**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -40C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.  
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

**"VISUAL PORTION OF FINAL" PENETRATIONS**

**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.

PER ANC FPT, VEGETATION HEIGHT 15 FEET, SHIP HEIGHT 20 FEET.

PROCEDURE DESIGN CREATED BY FPT SPECIALIST.

RUNWAY 14/32 DOES NOT COMPLY WITH AC 150/5300-13A FOR IFR CERTIFICATION.

RUNWAY SURFACE: UNPAVED (GRAVEL)

RUNWAY MARKINGS: NONE

AIRPORT RUNWAY SURFACE IS NOT PAVED AND NO COMPLIANCE WITH UNPAVED SURFACE SOP EXISTS.

PER AJV MANAGEMENT, PROCEDURES DESIGNED PER FPT REQUEST DUE TO EXISTING PROCEDURES ARE PUBLISHED. ADDING VERTICAL GUIDANCE MINIMUMS AUTHORIZED.

FOR CONTINGENCY PURPOSES:

NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SCM/PACM ALTIMETER SETTING: INCREASE LPV DA TO 279 FEET, LNAV/VNAV DA TO 329 FEET; INCREASE ALL MDAS 60 FEET.

NOTE: BARO-VNAV AND VDP NA WHEN USING SCM/PACM ALTIMETER SETTING.

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**

<b>DISTANCE FROM</b>	THLD	<b>TO 1000FT POINT</b>	2.84
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1000FT POINT</b>	1.20
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	148.56
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	0
<b>DISTANCE FROM</b>	THLD	<b>TO 1500FT POINT</b>	4.51
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1500FT POINT</b>	2.00
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	148.56
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	0

**THRESHOLD COORDINATES (IF STR-IN)**

613139.81N/1660905.55W

**ARP COORDINATES**

613125.93N/1660847.84W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP**

RUNWAY 32 DISTANCE 0.27 NM

**FAF COORDINATES**

613530.02N/1661400.17W

**FIX NAME COORDINATES**

IAF LUYGE 613747.44N/1663410.01W,  
IAF UYYUK 614505.68N/1660907.13W,  
IF/IAF COYRA 614127.13N/1662140.05W

**REMARKS**

TAA UTILIZES 30 NM RADII.

IAF LUYGE: 613747.44N/1663410.01W, IAF UYYUK: 614505.68N/1660907.13W, IF/IAF COYRA: 614127.13N/1662140.05W



AIRPORT ID  
HPB/PAHP

PROCEDURE NAME  
RNAV (GPS) RWY 14

AMDT NO.  
2A

CITY  
HOOPER BAY

STATE  
AK

AIRPORT ELEVATION  
20

FACILITY  
RNAV

**PART E: PREPARED BY**

NAME

BRYANT SMITH

OFFICE

AJV-A433

DATE

02/23/2026

TITLE

AERONAUTICAL INFORMATION SPECIALIST

