

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> HIO	<u>PROCEDURE NAME</u> ILS OR LOC RWY 13R	<u>ORIGINAL/AMENDMENT</u> 11B	<u>CITY</u> PORTLAND	<u>STATE</u> OR
<u>AIRPORT ELEVATION</u> 208	<u>TDZE</u> 203	<u>SUPERSEDED</u> ILS OR LOC RWY 13R	<u>DATED</u> 10/08/2020	<u>MAG VAR</u> 16E
<u>FACILITY</u> I-HIO	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2010
				<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>
UBG VOR/DME		DUCKA INT					317.82	29.00	4500
BTG VORTAC		DUCKA INT					256.36	26.93	4500
DAFFI/UBG 29.00 DME CCW	IAF	DUCKA INT	NOPT				29.00 DME ARC (UBG LR-322)		3900
DUCKA INT	IF/IAF	COUVE INT/UBG 21.94 DME					127.58 (I-HIO)	7.41	3400
COUVE INT/UBG 21.94 DME		DOLLA INT					127.58 (I-HIO)	3.23	2900

MISSED APPROACH

MAP:

ILS: DA
LOC: 8.33 NM AFTER DOLLA INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT UBG VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 120 AND ON BTG VORTAC R-175 TO CANBY/BTG 27.22 DME AND HOLD S, RT, 354.63 INBOUND. (DME REQUIRED)

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD NW DUCKA, RT, 127.58 INBOUND, 3900 IN LIEU OF PT (IAF), MAX 4600.
- FAC:** 127.58 **FAF:** DOLLA INT **DIST FAF TO MAP:** 8.33 **DIST FAF TO THLD:** 8.33
- MIN ALT:** DUCKA INT 3900, COUVE INT/UBG 21.94 DME 3400, DOLLA INT 2900, JIKIM INT 1660
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 880
- MIN GS INCPT:** 2900 **GS ALT AT PFAF:** DOLLA INT 2900 **OM:** **MM:** **IM:**
- GS ANGLE:** 3:00 **34:1:** **20:1:** **TCH:** 48.0
- MSA FROM:** PND NDB 030-180 3600, 180-280 5000, 280-030 4400



NOTES:

CHART NOTE: CIRCLING TO RWY 13L, 31R NA AT NIGHT.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC RWY 13R ALL CATS.
 CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE JIKIM FIX MINIMUMS CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 003.00 INBOUND.
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S CANBY/BTG 27.22 DME, RT, 354.63 INBOUND.
 FAS OBST: 431 AAO 453600N/1230120W.
 CHART IN PLANVIEW: CANBY/BTG 27.22 DME.
 CHART UBG R-334 AT DAFFI.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED., NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: CAT A, B 1500-2, CAT C, D 1500-3, 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
S-ILS 13R*	403	2400	200	403	2400	200	403	2400	200	403	2400	200				
S-LOC 13R	1660	4000	1457	1660	5500	1457	1660	3	1457	1660	3	1457				
CIRCLING	1660	1 1/4	1452	1660	1 1/2	1452	1660	3	1452	1660	3	1452				
JIKIM FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)																
S-LOC 13R	700	2400	497	700	2400	497	700	5000	497	700	5000	497				
CIRCLING	700	1	492	720	1	512	940	2	732	980	2 1/2	772				

CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED DUCKA INT/UBG 29.00 DME TO DUCKA INT - IAW CURRENT FORMAT CRITERIA.
2. TERMINAL ROUTES: CHANGED (I-HIO) FROM DISTANCE COLUMN TO COURSE COLUMN - IAW CURRENT FORMAT CRITERIA.
3. PROFILE: RAISED COUVE INT/UBG 21.94 DME ALTITUDE FROM 3300 TO 3400 - NEW CONTROLLING OBSTACLE.
4. PROFILE: DELETED THE ASTERISK FROM JIKIM INT 1660
5. PROFILE: CHANGED TCH FROM 47.9 TO 48.0 - LINES OF MINIMA CHANGED.
6. MSA: RAISED THE MSA SECTOR 030 CW 180 FROM 3500 TO 3600 - NEW CONTROLLING OBSTACLE AAO 455848.00N/1223503.00W.
7. MINIMUMS: RAISED CIRCLING MDA/HAA (JIKIM FIX MINIMUMS DUAL VOR RECEIVERS REQUIRED) CAT A FROM 680/472 TO 700/492 - NEW OBSTACLE EVALUATION COMPLETED.
8. MINIMUMS: RAISED CIRCLING MDA/HAA (JIKIM FIX MINIMUMS DUAL VOR RECEIVERS REQUIRED) CAT C FROM 720/512 TO 940/732 - NEW CONTROLLING OBSTACLE CRANE YARD 453600.00N/1230120.00W, 350 FT AGL, 4D AC.
9. MINIMUMS: RAISED LOC MDA/HAT (JIKIM FIX MINIMUMS DUAL VOR RECEIVERS REQUIRED) CATS A/B/C/D FROM 680/477 TO 700/497 - NEW CONTROLLING OBSTACLE AAO 453956.00N/1230448.00W, 431 MSL, 3B AC.
10. TERMINAL ROUTES: RAISED COUVE STEP DOWN ALTITUDE FROM 3300 TO 3400 - NEW CONTROLLING OBSTACLE AAO 454618.00N/1230721.00W, 2474 MSL, 4B AC.
11. ADDITIONAL FLIGHT DATA: REMOVED "USE OF BTG R-256 AND UBG R-318 MAY BE NECESSARY TO LOCATE DUCKA INTERSECTION." - REMOVED UBG AS DME FIX MAKEUP FOR DUCKA SINCE NO LONGER FITS BUILD CRITERIA FOR EVALUATION.
12. NOTES: REMOVED CHART CIRCLING ICON - IAW CHART CIRCLING ICON MEMO.
13. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM 429 AAO 453651N/1230053W TO 431 AAO 453600N/1230120W - NEW OBSTACLE EVALUATION COMPLETED.
14. ADDITIONAL FLIGHT DATA: CHANGED 7:1 OBST FROM 1415 AAO 454023.00N/1230550.00W, 639 AAO 453759.98N/1230122.95W TO 601 AAO 453800.00N/1230125.00W, 1392 AAO 454024.00N/1230551.00W - DELETED CURRENT 7:1 OBST IAW 8260.19K 8-6-11E(2).



AIRPORT ID
HIO

PROCEDURE NAME
ILS OR LOC RWY 13R

ORIGINAL/AMENDMENT
11B

CITY
PORTLAND

STATE
OR

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZSE, PDX APP CON, AMGR

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by

ALLAN WILL

Mar 17, 2026

OFFICE

AJF

DATE

03/13/2026

DEVELOPED BY

ALLAN WILL (BRANDON BURCHELL)

Digitally signed by

ALLAN WILL

Mar 17, 2026

OFFICE

AJV-A33

DATE

10/22/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

ALLAN WILL

Mar 17, 2026

OFFICE

AJV-A33

DATE

04/09/2026

TITLE

MANAGER



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

<u>AIRPORT ID</u> HIO	<u>PROCEDURE NAME</u> ILS OR LOC RWY 13R	<u>AMDT NO.</u> 11B	<u>CITY</u> PORTLAND	<u>STATE</u> OR	<u>AIRPORT ELEVATION</u> 208	<u>FACILITY</u> I-HIO
--------------------------	---	------------------------	-------------------------	--------------------	---------------------------------	--------------------------

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM UBG VOR/DME	TO DUCKA INT
----------------------------	------------------------

<u>RNP</u>	<u>DISTANCE</u> 29.00	<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
AAO	454618.00N/1230721.00W	2474	215	8	4B	2000					4500
TERRAIN	454618.00N/1230721.00W	2273 (2300)								AS1500	3800

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>
------------	-------------	-------------	------------	-------------	-----------	-----------	------------	----------------------	-------------	----------------	-------------------------------

SEGMENT REMARKS:

FEEDER

FROM BTG VORTAC	TO DUCKA INT
---------------------------	------------------------

<u>RNP</u>	<u>DISTANCE</u> 26.93	<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
AAO	454618.00N/1230721.00W	2474	215	8	4B	2000					4500
TERRAIN	454618.00N/1230721.00W	2273 (2300)								AS1500	3800

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>
------------	-------------	-------------	------------	-------------	-----------	-----------	------------	----------------------	-------------	----------------	-------------------------------

SEGMENT REMARKS:



AIRPORT ID
HIO

PROCEDURE NAME
ILS OR LOC RWY 13R

AMDT NO.
11B

CITY
PORTLAND

STATE
OR

AIRPORT ELEVATION
208

FACILITY
I-HIO

INITIAL: ARC

FROM
DAFFI/UBG 29.00 DME CCW

TO
DUCKA INT

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

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	454618.00N/1230721.00W	2474	215	8	4B	1000				PR90	3600
TERRAIN	454618.00N/1230721.00W	2273 (2300)								AS1500 AT100	3900

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
DUCKA INT (IF/IAF)

TO
COUVE INT/UBG 21.94 DME

RNP **DISTANCE**
7.41 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	454618.00N/1230721.00W	2474	215	8	4B	500				PR100 AC8 AT318	3400
TERRAIN	454618.00N/1230721.00W	2273 (2300)								AS1000	3300

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
HIO

PROCEDURE NAME
ILS OR LOC RWY 13R

AMDT NO.
11B

CITY
PORTLAND

STATE
OR

AIRPORT ELEVATION
208

FACILITY
I-HIO

FINAL: LOC

FROM
DOLLA INT

TO
JIKIM INT

RNP

DISTANCE
3.89

PAT

MAP

HAT
1457

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	453956.00N/1230448.00W	1226	100	10	3B	250				XL117 XP67	1660

COMPUTATIONS

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

SEGMENT REMARKS:

XP - MAINTAIN CURRENT MIN ALT.

FINAL: LOC STEPDOWN

FROM
JIKIM INT

TO
8.33 NM AFTER DOLLA INT

RNP

DISTANCE
4.43

PAT

MAP
8.33 NM AFTER DOLLA INT

HAT
497

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	453600.00N/1230120.00W	431	100	10	3B	250					700

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
HIO

PROCEDURE NAME
ILS OR LOC RWY 13R

AMDT NO.
11B

CITY
PORTLAND

STATE
OR

AIRPORT ELEVATION
208

FACILITY
I-HIO

HOLD-IN-LIEU OF PT

FROM
DUCKA

TO
P-5

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
P-5

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	455212.00N/1232506.00W	2717	215	8	4B	1000				PR130	3900
TERRAIN	455212.00N/1232506.00W	2516 (2500)								AS1000	3500

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM
DA

TO
UBG VOR/DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
236

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	452345.00N/1230324.00W	1841	215	8	4B	1000					2900
TERRAIN	452345.00N/1230324.00W	1640 (1600)								AS1000	2600

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
HIO

PROCEDURE NAME
ILS OR LOC RWY 13R

AMDT NO.
11B

CITY
PORTLAND

STATE
OR

AIRPORT ELEVATION
208

FACILITY
I-HIO

MISSED APPROACH ALTERNATE: LOC

FROM
8.33 NM AFTER DOLLA INT

TO
CANBY/BTG 27.22 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
450

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	452618.00N/1224321.00W	1178	215	8	4B	1000					2200
TERRAIN	452618.00N/1224321.00W	977 (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 (41-027380)	453352.75N/1225811.34W	1.30	1452/492	380	20	3	1A	300		SI/SI	1660/700
CATEGORY B											
TREE (41-060559)	453432.39N/1225642.75W	1.81	1452/512	411	20	10	1B	300		SI	1660/720
CATEGORY C											
CRANE	453341.83N/1225429.00W	2.85	1452/732	586	250	50	4D	300		SI/AC50	1660/940
CATEGORY D											
AAO	453627.00N/1225527.00W	3.72	1452/772	680	215	8	4B	300		SI	1660/980

CIRCLING REMARKS:



AIRPORT ID
HIO

PROCEDURE NAME
ILS OR LOC RWY 13R

AMDT NO.
11B

CITY
PORTLAND

STATE
OR

AIRPORT ELEVATION
208

FACILITY
I-HIO

MSA

CENTER **RADIUS**
PND NDB 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
030-180	AAO	455848.00N/1223503.00W	027	28.6	2573	215	8	4B	1000			3600
180-280	AAO	453954.00N/1233254.00W	260	21.3	3901	215	8	4B	1000			5000
280-030	AAO	454500.00N/1233251.00W	273	22.3	3357	215	8	4B	1000			4400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZSE ARTCC, PDX APP CON, HIO TOWER

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	HIO	24	HIO		Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	PDX	24	PDX	15.18	Y	60

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME. KHIO 208, KPDX 31 RA=59.7.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-HIO	POCC	24	1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW02 - MIRL, PAPI-4R (PCL)	BSC-F	
RW20 - MIRL, PAPI-4L (PCL)	BSC-F	
RW13L - MIRL, PAPI-4L	BSC-G	
RW31R - MIRL, PAPI-4L	BSC-G	
RW31L - REIL, HIRL, PAPI-4L	NPI-G	
RW13R - MALSR (PCL), HIRL, PAPI-4L	PIR-G	APPROACH

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	199.9	48.0	196.4	880	3.00	49.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	



CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	RWY 13L
20:1	
273 TREE (41-060401) 453315.4800N/1225732.5000W (0.56)	
FINAL TYPE	RWY 31R
20:1	
327 TREE (41-060813) 453213.9400N/1225626.3900W (2.3)	

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:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

S-LOC 13R CATS A/B NOT WITHIN APPROACH LIGHT COVERAGE, APPROACH LIGHT CREDIT NOT APPLIED.

USED 3DEP 1ARC SEGMENT FOR LOC FINAL FOR MORE ACCURATE ASSESSMENT.

VEGETATION HEIGHT 100 FT PER CHECKLIST.

FOR CONTINGENCY PURPOSES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PDX ALTIMETER SETTING AND INCREASE S-ILS 13R DA TO 463 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 13R VISIBILITY CAT C/D TO RVR 6000; AND CIRCLING VISIBILITY CAT C/D 1/4 SM.
*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING PDX ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 601 AAO 453800.00N/1230125.00W, 1392 AAO 454024.00N/1230551.00W.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID
HIO

PROCEDURE NAME
ILS OR LOC RWY 13R

AMDT NO.
11B

CITY
PORTLAND

STATE
OR

AIRPORT ELEVATION
208

FACILITY
I-HIO

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	5.67
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.44
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	143.58
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	7.74
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	2.41
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	143.58
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2200

THRESHOLD COORDINATES (IF STR-IN)	453258.59N/1225734.22W
ARP COORDINATES	453231.64N/1225702.60W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 13R DISTANCE 0.66 NM
FAF COORDINATES	453940.35N/1230437.24W
FIX NAME COORDINATES	IAF DUCKA 454812.75N/1231340.09W

REMARKS

1000FT AS USED IN HOLD-IN-LIEU AT DUCKA, AND MISSED APPROACH HOLDING AT UBG VDME.

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ALLAN WILL (BRANDON BURCHELL)	AJV-A33	10/22/2025	AERONAUTICAL INFORMATION SPECIALIST

