

**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.

<b>AIRPORT ID</b> HNL/PHNL	<b>PROCEDURE NAME</b> ILS RWY 8L	<b>ORIGINAL/AMENDMENT</b> 26	<b>CITY</b> HONOLULU	<b>STATE</b> HI
<b>AIRPORT ELEVATION</b> 14	<b>TDZE</b> 14	<b>SUPERSEDED</b> ILS RWY 8L	<b>DATED</b> 09/05/2024	<b>MAG VAR</b> 11E
<b>FACILITY</b> I-HNL	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 1990
			<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OOKAH	IAF	PAKOE		TF	FB	1.00	259.03	12.59	4200
PAKOE		SELIC		TF	FB	1.00	348.95	5.20	4000
BOOKE/LIH 58.00 DME/RADAR	IAF	SELIC/I-HNL 17.64 DME/RADAR					110.27 (LIH R-110)	15.30	4000
SELIC/I-HNL 17.64 DME/RADAR	IF	FGTRE/I-HNL 8.85 DME/RADAR	PFAF				078.99 (I-HNL)	8.79	2200

**MISSED APPROACH**

**MAP:**  
ILS: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 200 AND HNL VORTAC R-171 TO ALANA INT/HNL 13.94 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 140 AND CKH VORTAC R-218 TO ALANA INT/CKH 17.44 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

**PROFILE:**

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT SELIC/I-HNL 17.64 DME/RADAR
- FAC:** 078.99 **PFAF:** FGTRE/I-HNL 8.85 DME/RADAR **DIST FAF TO MAP:** **DIST FAF TO THLD:**
- MIN ALT:** SELIC/I-HNL 17.64 DME/RADAR 4000, FGTRE/I-HNL 8.85 DME/RADAR 2200
- DIST TO THLD FROM PFAF:** 6.69 **MM:** **IM:** **150 HAT:** **GS ANT:** 1100
- MIN GS INCPT:** 2200 **GS ALT AT PFAF:** FGTRE/I-HNL 8.85 DME/RADAR 2200 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 55.7
- MSA FROM:** HNL VORTAC 180-270 4000, 270-360 5300, 360-180 4400



**PBN REQUIREMENTS NOTE:**

RNP APCH-GPS. FROM OOKAH.

**EQUIPMENT REQUIREMENTS NOTES:**

DME OR RADAR REQUIRED.

**NOTES:**

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART PROFILE NOTE: USE I-HNL DME WHEN ON THE LOCALIZER COURSE.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOOKE ON V15 NORTHWEST BOUND.  
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE CAT E VISIBILITY TO 3/4 SM.  
 CHART NOTE: OOKAH TRANSITION NA FOR CAT E AIRCRAFT.  
 CHART PLANVIEW NOTE: WHEN GS NOT USED, USE LOC RWY 8L PROCEDURE.  
 CHART NOTE: CAT E RESTRICTED TO USAF/USN AIRCRAFT.  
 CHART SPEED ICON IN PLANVIEW AT OOKAH: MAX 210 KIAS.  
 CHART SPEED ICON IN PLANVIEW AT SELIC: MAX 220 KIAS.

**ADDITIONAL FLIGHT DATA:**

CHART IN PLANVIEW: SELIC/LIH 73.3 DME.  
 HOLD S, RT, 351.00 INBOUND.  
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW ALANA INT/CKH 17.44 DME, RT, 038.45 INBOUND.  
 CHART IN PLANVIEW: ALANA INT/CKH 17.44 DME.  
 CHART MANDATORY 6000 AT OOKAH.

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>												
S-ILS 08L	214	1/2	200	214	1/2	200	214	1/2	200	214	1/2	200	214	1/2	200

**CHANGES - REASONS**

- AIRPORT ELEVATION AND TDZE CHANGED FROM "13" TO "14" - UPDATED AIRNAV DATA.
- MINIMUMS: DA CHANGED FROM "213" TO "214" - TDZE CHANGE FROM 13 TO 14.
- PROFILE LINE 5: CHANGED FROM "DIST TO THLD FROM OM: 5.92" TO "DIST TO THLD FROM PFAF: 6.69" - HN LOM DECOMMISSIONED; 8260.19K 8-6-7.E.
- PROFILE LINE 5: GS ANT CHANGED FROM "1052" TO "1100" - UPDATED AIRNAV DATA.
- PROFILE LINE 6: REMOVED "OM: 1953" - HN LOM DECOMMISSIONED.
- ADDITIONAL FLIGHT DATA: DELETED CHART OM IN HALF-TONE - HN LOM DECOMMISSIONED.
- ADDITIONAL FLIGHT DATA: ADDED CHART IN PLANVIEW: ALANA INT/CKH 17.44 DME - 8260.19K 8-6-6.H.



**AIRPORT ID**  
HNL/PHNL

**PROCEDURE NAME**  
ILS RWY 8L

**ORIGINAL/AMENDMENT**  
26

**CITY**  
HONOLULU

**STATE**  
HI

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**

**OTHER:** ZHN, HI AERO, AMGR, HCF APP CON, HNL ATCT

**FLIGHT CHECKED BY**

**OFFICE**

**DATE**

**DEVELOPED BY**

TIMOTHY JOHNSON

**OFFICE**

AJV-A431

**DATE**

09/24/2025

**APPROVED BY**

CASEY HILL

**OFFICE**

AJV-A431

**DATE**

**TITLE**

MANAGER



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

<u>AIRPORT ID</u> HNL/PHNL	<u>PROCEDURE NAME</u> ILS RWY 8L	<u>AMDT NO.</u> 26	<u>CITY</u> HONOLULU	<u>STATE</u> HI	<u>AIRPORT ELEVATION</u> 14	<u>FACILITY</u> I-HNL
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**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**  
**FROM** OOKAH **TO** PAKOE

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS  
1.00                                      12.59

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	211451.00N/1580851.00W	208	50	20	2C	1000				AT2992	4200
TERRAIN	211451.00N/1580851.00W	0 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL: STEPDOWN**

**FROM** PAKOE **TO** SELIC

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS  
1.00                                      5.20

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	211653.75N/1581311.02W	208	50	20	2C	1000				AT2792	4000
WATER	211653.52N/1581310.88W	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**  
HNL/PHNL

**PROCEDURE NAME**  
ILS RWY 8L

**AMDT NO.**  
26

**CITY**  
HONOLULU

**STATE**  
HI

**AIRPORT ELEVATION**  
14

**FACILITY**  
I-HNL

**INITIAL**

**FROM**  
BOOKE/LIH 58.00 DME/RADAR

**TO**  
SELIC/I-HNL 17.64 DME/RADAR

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
   15.30

<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>
SHIP	211653.75N/1581311.02W	208	50	20	2C	1000				AT2792	4000
TERRAIN	212951.00N/1582351.00W	0 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

TERRAIN USED FROM EXPANSION AREA FROM LIHUE (LIH) VORTAC

**INTERMEDIATE**

**FROM**  
SELIC/I-HNL 17.64 DME/RADAR

**TO**  
FGTRE/I-HNL 8.85 DME/RADAR

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
   8.79

<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	212230.00N/1580606.00W	1926	215	8	4B	500				SA-489 AT263	2200
TERRAIN	212130.00N/1580603.00W	843 (800)								AS1000	1800

**COMPUTATIONS**

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

**SEGMENT REMARKS:**







**AIRPORT ID**  
HNL/PHNL

**PROCEDURE NAME**  
ILS RWY 8L

**AMDT NO.**  
26

**CITY**  
HONOLULU

**STATE**  
HI

**AIRPORT ELEVATION**  
14

**FACILITY**  
I-HNL

**PRIMARY NAVAID**  
I-HNL

**MONITOR POINT**  
HNL ATCT

**HRS OPERATION**  
24

**CAT**  
1

<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW04W		
RW08W		
RW22W		
RW26W		
RW04L - REIL, MIRL, PAPI-4L	NPI-G	
RW22R - MIRL, REIL	NPI-G	
RW04R - MALSR, HIRL, PAPI-4L	PIR-F	
RW26L - MALSF, HIRL, PAPI-4L	PIR-F	
RW08L - MALSR, HIRL, PAPI-4L	PIR-G	
RW08R - REIL, HIRL, PAPI-4L	PIR-G	
RW22L - HIRL, REIL, PAPI-4L	PIR-G	
RW26R - REIL, HIRL, PAPI-4L	PIR-G	

**GLIDESLOPE ANGLE**  
3.00

**ELEV RWY THRESHOLD**  
13.5

**TCH**  
55.7

**ELEV GS ANTENNA**  
6.7

**DISTANCE FROM RWY**  
1100

**VGSI ANGLE**  
3.00

**TCH**  
72.6

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD  
ON CENTERLINE

FT FROM THRESHOLD  
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

**CRITICAL TEMPERATURES**

**CRITICAL LOW**

**CRITICAL HIGH**

**ACT**

**APT ISA**

**CRITICAL TEMPERATURE REMARKS:**

**"VISUAL PORTION OF FINAL" PENETRATIONS**

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

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

**PENETRATIONS REMARKS:**



AIRPORT ID  
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PROCEDURE NAME  
ILS RWY 8L

AMDT NO.  
26

CITY  
HONOLULU

STATE  
HI

AIRPORT ELEVATION  
14

FACILITY  
I-HNL

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

60' VEGETATION HEIGHT PER FPT.

208' SHIPS OVER WATER AND IN PEARL HARBOR CHANNEL.

WAIVER: 220 KIAS SPEED RESTRICTION AT SELIC, CAT E RESTRICTED TO USAF/USN AIRCRAFT.

MISSED HOLDING: W-191 IS SFC-3000, W-196 IS SFC-2000 AND IS NO FACTOR TO MISSED HOLDING PATTERNS.

VDP: NA - ILS ONLY PROCEDURE.

**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>	3.24
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1000FT POINT</b>	0.92
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	089.99
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	100
<b>DISTANCE FROM</b>	THLD	<b>TO 1500FT POINT</b>	10.88
<b>WIDTH OF</b>	INTERMEDIATE	<b>SEGMENT AT 1500FT POINT</b>	4.87
<b>TRUE COURSE OF</b>	INTERMEDIATE	<b>SEGMENT CONTAINING 1500FT POINT</b>	089.99
<b>HIGH TERRAIN IN</b>	INTERMEDIATE	<b>SEGMENT CONTAINING 1500FT POINT</b>	800

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

211930.88N/1575636.16W

**ARP COORDINATES**

211904.17N/1575512.90W

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

RUNWAY 8R DISTANCE 1.58 NM

**FAF COORDINATES**

211930.68N/1580346.05W

**FIX NAME COORDINATES**

**REMARKS**

**PART E: PREPARED BY**

NAME

TIMOTHY JOHNSON

OFFICE

AJV-A431

DATE

09/24/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

