

**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> PHNL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8R	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> HONOLULU	<u>STATE</u> HI		
<u>AIRPORT ELEVATION</u> 13	<u>TDZE</u> 10	<u>SUPERSEDED</u> RNAV (GPS) RWY 8R	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 11/08/2018	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
ALANA		PENRE		TF	FB	1.00	271.98	14.87	3100
BOOKE		HADIG		TF	FB	1.00	125.30	12.95	3100
GECKO	IAF	KITKE		TF	FB	1.00	031.64	9.30	3100
PENRE	IAF	KITKE		TF	FB	1.00	349.00	10.50	3100
HADIG	IAF	KITKE		TF	FB	1.00	078.87	5.20	3100
KITKE	IF	COLIS		TF	FB	1.00	078.91	5.29	3100
COLIS	FAF	HUXOR/5.62 NM TO RW08R		TF	FB	0.30	078.94	3.19	
HUXOR/5.62 NM TO RW08R		EVEVE/1.85 NM TO RW08R		TF	FB	0.30	078.94	3.77	
EVEVE/1.85 NM TO RW08R		RW08R	MAP	TF	FO	0.30	078.94	1.85	
RW08R	MAP	500 MSL		CA			078.94		500
500 MSL		ALANA		DF	FO	1.00			3100

MISSED APPROACH

MAP:

LNAV: RW08R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3100 DIRECT ALANA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
24
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT KITKE

3. FAC: 078.94

FAF: COLIS

DIST FAF TO MAP: 8.80

DIST FAF TO THLD: 8.80

4. MIN ALT: KITKE 3100, COLIS 3100, HUXOR/5.62 NM TO RW08R 2000, EVEVE/1.85 NM TO RW08R 700

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS CLEAR

20:1: IS CLEAR

TCH:

8. MSA FROM: RW08R 5200

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 22R NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING NA FOR CATS A AND B NW OF RWYS 8L AND 22R.
CHART NOTE: CIRCLING NA FOR CATS C, D, AND E N OF RWY 8L-26R.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOOKE ON V15 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GECKO ON V4 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALANA ON V21 SOUTHBOUND.
CHART NOTE: CIRCLING NA TO SEA LANES 4W, 8W, 22W, AND 26W.
CHART NOTE: CAT E RESTRICTED TO USAF/USN AIRCRAFT.

ADDITIONAL FLIGHT DATA:

CHART: PHJR
HOLD S, RT, 351.00 INBOUND.
CHART FAS OBST: 125 TREE 211903N/1575631W.
CHART VDP AT 0.76 NM TO RW08R.
CHART CIRCLING ICON.
COLIS TO RW08R: 3.25/52.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/4, CAT D 1400-3, CAT E 2100-3

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
LNAV MDA	360	1	350	360	1	350	360	1	350	360	1	350	360	1	350
CIRCLING	680	1	667	760	1	747	820	2 1/4	807	1340	3	1327	2020	3	2007



CHANGES - REASONS

- 1.CHANGED FINAL LENGTH/COURSE FROM 9.09/78.96 TO 8.80/78.94. - ALLOW FOR A STABILIZED VDA OF 3.25 WHICH MATCHES THE VGSI.
- 2. CHANGED COLIS TO HUXOR FROM 78.96/3.32 TO 78.94/3.19, HUXOR TO EVEVE FROM 078.96/3.87 TO 078.94/3.77 AND EVEVE TO RWY 8R FROM 078.96/1.9 TO 078.94/1.85. - STABILIZED VDA AND MATCH VGSI ANGLE OF 3.25.
- 3. CHANGED INITIAL SEGMENT FROM PENRE TO KITKE COURSE/DISTANCE FROM 349.00/5.00 TO 349.00/10.50. - ADJUST INITIAL SEGMENT LENGTH TO ALLOW FOR ATC VECTORING.
- 4. CHANGE FEEDER COURSE/DISTANCE FROM ALANA TO PENRE FROM 290.41/16.96 TO 271.98/14.87. - ACCOMMODATE NEW FIX PENRE LOCATION.
- 5. CHANGED INITIAL SEGMENT FROM HADIG TO KITKE COURSE/DISTANCE FROM 78.88/5.00 TO 78.87/5.20. - ALLOW FOR ATC VECTORS.
- 6. CHANGED FEEDER COURSE/DISTANCE FROM BOOKE TO HADIG FROM 124.67/13.09 TO 125.30/12.95. - ACCOMMODATE NEW FIX HADIG LOCATION.
- 7. CHANGED HEADING FROM GECKO TO KITKE FROM 31.66 TO 31.64. - NEW TARGETS HEADING CALCULATIONS.
- 8. ADDED CLIMB-IN-HOLD TO MISSED APPROACH. - AIRCRAFT MAY NOT REACH MISSED APPROACH ALTITUDE BY ARRIVAL AT ALANA.
- 9. CHANGED FIX ALTITUDE AT EVEVE FROM 460 TO 700. - STABILIZED VDA.
- 10. ADDED 20:1 IS CLEAR TO LINE 7 OF PROFILE VIEW. - 20:1 AREA IS CLEAR.
- 11. CHANGED VDP LOCATION FROM 0.62 NM FROM RWY 8R TO 0.76 NM TO RWY 8R. - NEW TARGETS VDP CALCULATION.
- 12. CHANGED FAS OBST FROM 208 SHIP 211824N/1580256W TO 125 TREE 211903N/1575631W. - NEW EVEVE LOCATION AND OBSTACLE DATABASE UPDATE.
- 13. CAT C AND E ALTERNATE MINIMUMS CHANGED FROM: 800-2 1/4 AND 2000-3 TO: 900- 2 1/4 AND 2100-3. - NEW ALTERNATE MINIMUM CALCULATIONS.
- 14. ADDED NOTE RESTRICTING CAT E CIRCLING TO USAF/USN AIRCRAFT. - IAW FAAO 8260.3D TABLE 2-6-1.
- 15. ADDED RWY 26 TO CIRCLING NA AT NIGHT NOTE. - RWY 26 HAS 20:1 PENETRATIONS.
- 16. RAISED LNAV MDA/HAT FROM 320/310 TO 360/350. - NEW FINAL CONTROLLING OBSTACLE, A 125 MSL TREE.
- 17. RAISED CIRCLING MDA/HAA CAT A FROM 640/627 TO 680/667, CAT C FROM 760/747 TO 820/807 AND CAT E FROM 1940/1927 TO 2020/2007. - NEW CONTROLLING OBSTACLES.
- 18. LOWERED CIRCLING CAT D MDA/HAT FROM 1400/1387 TO 1340/1327. - MAP STUDY CHANGED CONTROLLING OBSTACLE FROM 2D TO 2C.
- 19.CHANGED ADDITIONAL FLIGHT DATA NOTE: HUXOR TO RW08R 3.22/52 TO COLIS TO RW08: 3.25/52. -FINAL IS NOW A STABILIZED DESCENT OF 3.25/52 FROM THE FAF TO THE RUNWAY.

COORDINATED WITH:

~~A4A~~ ☒ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☒ ~~HAI~~ ☐ ~~NBAA~~ ☒ OTHER: ZHN, HCF APP CON, AMGR, USAF

<u>FLIGHT CHECKED BY</u>		<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	
EDWARD W MESA		DONALD H LANIER	FICO	03/21/2021	
		Mar 23, 2021			
<u>DEVELOPED BY</u>		<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	
LIAM DONAHUE		LIAM DONAHUE	AJV-A431	09/14/2020	
		Nov 13, 2020			
<u>APPROVED BY</u>		<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART		DONALD H LANIER	AJV-A430		MANAGER
		Mar 23, 2021			

