GENERAL

Operational Hours

ATS Hours / AD OPS Hours: H24

Airport Information

RFF: FAA INDEX E / CAT 10
PCN: RWY 04L/22R: 31/F/B/X/T
RWY 04R/22L: 57/F/B/X/T
RWY 08L/26R: 79/R/B/W/T
RWY 08R/26L: 98/F/B/X/T
Customs: O/R

Operation

INFORMAL RWY USE PROGRAM
Unless RWY closures, wind, weather or TFC conditions, ACFT EMERG or operational necessities require otherwise, all turbojet and all ACFT having a MAX passenger capacity of more than 30 seats or a MAX payload capacity of more than 3.4t, and any other ACFT with a MNM zero fuel weight in excess of 16t will be assigned RWY as follows:

GROUP I: Turbojet ACFT capable of 136t gross TKOF weight or more; 4 or more ENG turbojet type ACFT.
(DC10, L1011, DC8, B747, B707, etc.)

GROUP II: Other turbojet, turbine powered and propeller driven type ACFT.
(B727, B737, MD80, etc.)

TRADE (NORTHEAST) WIND CONDITIONS

Departure	Group I: RWY 08R	Group II: RWY 08L
Arrival	Group I: RWY 08L	Group II: RWYs 04R/L or 08L

KONA (SOUTHWEST) WIND CONDITIONS

Departure	Group I: RWY 26L or 22R/L	Group II: RWY 22R/L or 26R
Arrival	Group I: RWY 26L	Group II: RWY 26L

ACFT LDG RWY 08L: Fly the ILS APCH PROC or fly a base leg over Barbers Point NAS maintaining 3000ft until established on the final APCH course. Large jet or smaller ACFT may fly a close-in base leg remaining over the center of Pearl Harbor channel.
ACFT LDG RWY 26 L/R: Remain at TFC pattern ALT as long as possible before beginning descent for LDG.
DEPARTURES - ALL RWYs: Turn southward as soon as possible after TKOF. Remain at least one mile offshore of Waikiki, Diamond Head, Koko Head and Ewa Beach.
NOTES:
- Cooperation of all users is expected to preclude disruption or creation of conflicting TFC flows.
- Pilots unable to comply with the program should advise Honolulu GND or APCH Control as soon as possible for TFC adjustments.

Transponder OPS
ASDE-X in use, operate transponders with ALT reporting Mode and ADS-B (if equipped) enabled on all airport surfaces.

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GENERAL

RWY Restrictions
RWYs CLSD every month as follows:
- RWY 04R/22L first TUE 1730-2030
- RWY 08R/26L second TUE 1700-1900
- RWY 08L/26R third TUE 1730-2030

RWY 04R: Wide-body and 4-ENG JET ACFT LDG roll to end of RWY. Left turn into TWY K only with ATC approval.

RWY 04L/22R: RWY end identifier LGT spacing non standard.

Taxi/Parking
Due non-visibility TWR unable to determine if following areas are clear of obstruction and/or TFC:
TWY RB between TWY B and RWY 08R, Inter-Island ACFT parking ramp.

TWY P CLSD to ACFT 5.7t / 12500lbs and above.

TWY G: code D ACFT and smaller PPR for power in taxi.

VOR TEST FACILITIE (VOT): 111.0

Warnings

HNL VOR/DME unusable:
R055-085 beyond 15NM below 7000ft.
R281-305 beyond 20NM below 7500ft
R360-055 beyond 15NM below 6000ft
R360-085 beyond 25NM below 8000ft

HNL VOR unusable:
R351-359 beyond 25NM below 7500ft

LOC/DME IEPC RWY 26L unusable:
Beyond 25° N of CL due to terrain.

THR RWY 08L difficult to determine due to TWY T.

Birds in vicinity of AD and Bird strike hazard all RWYs.

ARRIVAL

Speed

MAX IAS 250KT below 10000ft.
MAX IAS 200KT underneath class B airspace.

Communication

COM Failure: See CRAR and in addition;
JULLE 5: At ALANA INT proceed with VOR or DME RWY 04R APCH.

KAENA 2: Descend via KAENA ARR, at MAKOA cleared PHNL ILS RWY 08L APCH.

KLANI 2: Descend via KLANI ARR, at MAKOA cleared PHNL ILS RWY 08L APCH.

SAKKI 5: At SECIL INT/WP proceed with the LDA/DME RWY 26L APCH.

Arrival Procedure

VFR Traffic Pattern
1500ft for large ACFT entering from South.

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ARRIVAL

Land And Hold Short Operation (LAHSO)
These OPS include LDG and hold short of an intersection RWY/TWY or other predetermined points on the RWY, other than RWY or TWY marked with (*).

LDG RWY	Hold Short Point (HSP)	Distance
RWY 04L	RWY 08L/26R	1128m / 3700ft
RWY 04R	RWY 08L/26R	1905m / 6250ft
RWY 08L	RWY 04L/22R	2835m / 9300ft

Non-standard GP intercept position on
RWY 04R
GP intercepts RWY 04R at 320m / 1049ft after landing threshold.
Remaining LDG DIST beyond GP is 2423m / 7951ft.

RWY 08L
GP intercepts RWY 08L at 326m / 1069ft after landing threshold.
Remaining LDG DIST beyond GP is 3423m / 11231ft.

Warnings

Due to location of TWR, controllers unable to determine whether ACFT are on correct final APCH to RWY 04L/R and RWY 22L/R.

DEPARTURE

Take-off Minima

RWY		22L, 22R, 26R	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-
RWY		26L	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 3.9% up to 300
3+4ENG		0 - 0.5V	
All ACFT		c1700 - 2.5V	Climb in visual conditions
RWY		08R	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 4.5% up to 1000
3+4ENG		0 - 0.5V	
All ACFT		c1700 - 2.5V	Climb in visual conditions
RWY		08L	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 5.1% up to 1000
3+4ENG		0 - 0.5V	
All ACFT		c1700 - 2.5V	Climb in visual conditions

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DEPARTURE

RWY		04L, 04R	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 7.0% up to 1900 **MAX 180 KIAS until SE bound on HDG 155°**
3+4 ENG		0 - 0.5V	
All ACFT		c1700 - 2.5V	climb in visual conditions

Speed

MAX IAS 250KT below 10000ft.
MAX IAS 200KT underneath class B airspace.

Communication

COM Failure: See CRAR.

Departure Procedure

The following Gatehold PROC are established for all overseas DEP:
Advise DLV:
- Identification
- 10min to taxi
- DEST
- REQ FL.

Statement "10min to taxi" means that you will depart the blocks, taxi, tow or push-back within 10min after receiving ATC CLR. If not ready within 10min after receipt CLR, ATC cancel your CLR when other ACFT REQ same ALT/route assignment and is/has pushed from gate.

When ATC specifies a release time (TKOF) for REQ ALT/route, alternatives with no or less delay will be offered, if AVBL. If your choice involves a release time, call for push-back at least 10min prior to your release time (TKOF), (the intent of this PROC is to have you at the DEP RWY at release time).

If time elapses, CLR is cancelled without ATC contact; it is pilots responsibility to push-back in a timely manner. In the event the alloted time expires contact DLV to verify status of your CLR prior calling for push-back.

If you wish to depart the gate and absorb delay in a HLDG area close to DEP RWY, inform GND.

ATC Slot, Clearance

0800-1600 IFR TFC on ground: Contact Honolulu Control Facility (HCF).

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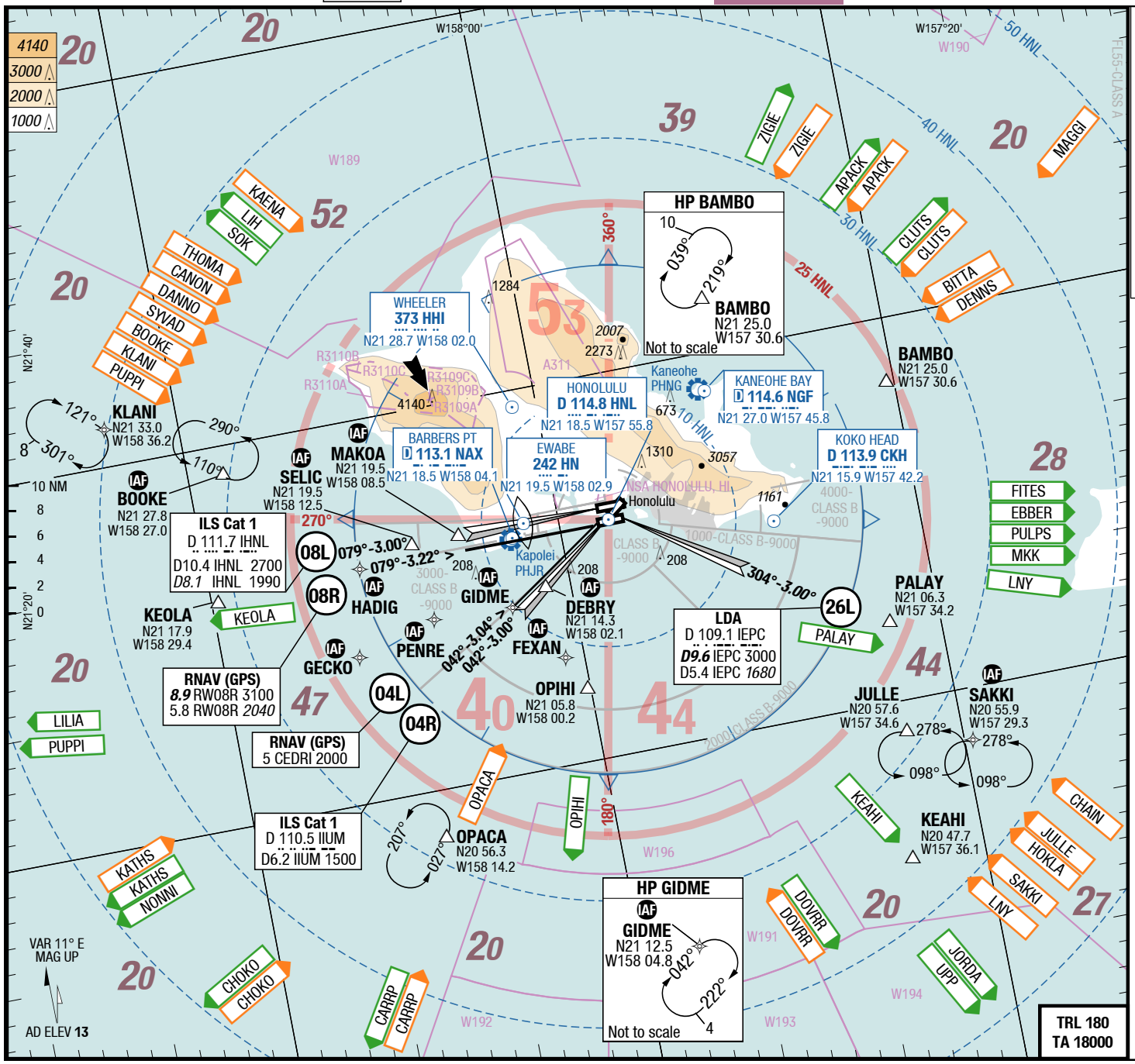
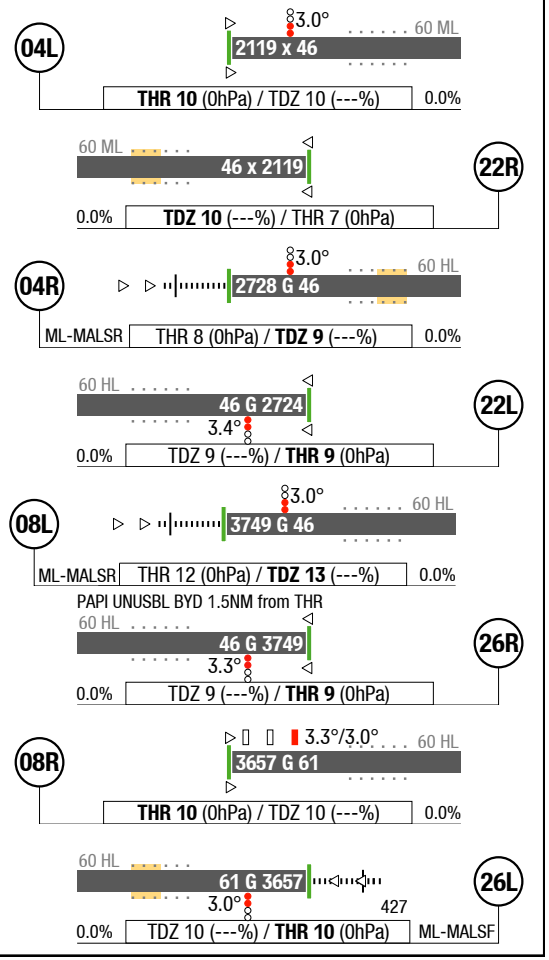


D-ATIS	127.900 ASOS	
Center	119.300 126.000 127.600	119.900 126.600
DEP	118.300 124.800	119.100 N
TWR	118.100	123.900
GND	121.900	
RDO (FSS)		122.100 Receive 114.800 Transmit
Ramp	121.800 HNL Intl	133.600 HICKAM
DLV	121.400	
PDC		

Landing RWY system:



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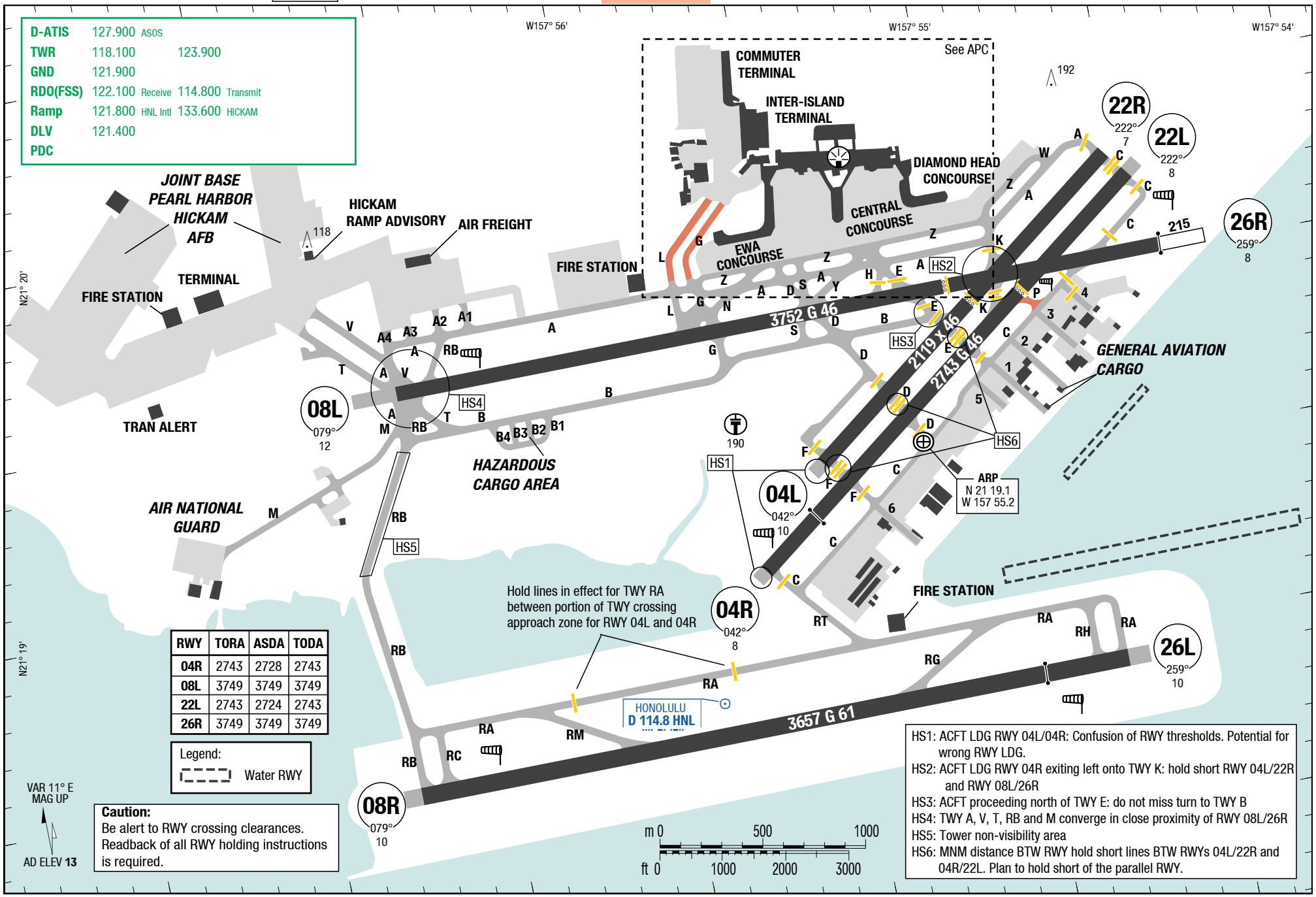
D-ATIS	127.900	ASOS		
TWR	118.100		123.900	
GND	121.900			
RDO(FSS)	122.100	Receive	114.800	Transmit
Ramp	121.800	HNL Intl	133.600	HICKAM
DLV	121.400			
PDC				



RWY	TORA	ASDA	TODA
04R	2743	2728	2743
08L	3749	3749	3749
22L	2743	2724	2743
26R	3749	3749	3749

Legend:
Water RWY

Caution:
Be alert to RWY crossing clearances.
Readback of all RWY holding instructions is required.

HS1: ACFT LDG RWY 04L/04R: Confusion of RWY thresholds. Potential for wrong RWY LDG.
HS2: ACFT LDG RWY 04R exiting left onto TWY K: hold short RWY 04L/22R and RWY 08L/26R
HS3: ACFT proceeding north of TWY E: do not miss turn to TWY B
HS4: TWY A, V, T, RB and M converge in close proximity of RWY 08L/26R
HS5: Tower non-visibility area
HS6: MNM distance BTW RWY hold short lines BTW RWYs 04L/22R and 04R/22L. Plan to hold short of the parallel RWY.

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Stands Coordinates
APC

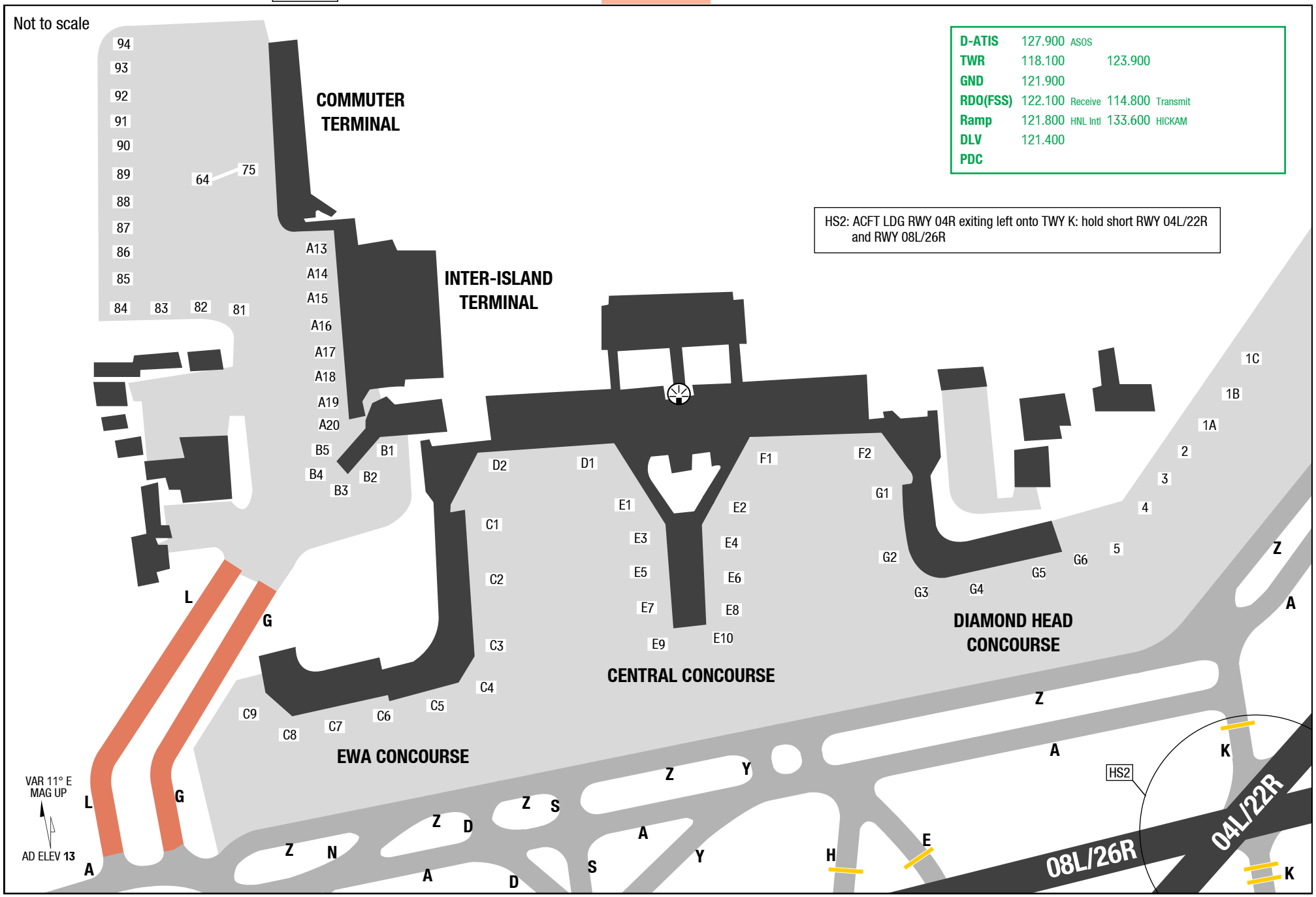
APC APC

Daniel K Inouye Intl **Honolulu** United States
Stands Coordinates
APC

Not to scale

D-ATIS	127.900	ASOS		
TWR	118.100		123.900	
GND	121.900			
RDO(FSS)	122.100	Receive	114.800	Transmit
Ramp	121.800	HNL Intl	133.600	HICKAM
DLV	121.400			
PDC				

HS2: ACFT LDG RWY 04R exiting left onto TWY K: hold short RWY 04L/22R and RWY 08L/26R



Changes: Parking Stands

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Stand Coordinates

1C	N21 19.9 W157 54.7	**B5**	N21 19.9 W157 55.5
1A	N21 19.8 W157 54.8	**A20**	N21 20.0 W157 55.5
1B	N21 19.9 W157 54.7	**A19**	N21 20.0 W157 55.5
2	N21 19.8 W157 54.8	**A18**	N21 20.0 W157 55.5
3	N21 19.8 W157 54.8	**A17**	N21 20.0 W157 55.5
4	N21 19.8 W157 54.8	**A16**	N21 20.1 W157 55.4
5	N21 19.8 W157 54.8	**A15**	N21 20.1 W157 55.4
G6	N21 19.8 W157 54.9	**A14**	N21 20.1 W157 55.4
G5	N21 19.7 W157 54.9	**A13**	N21 20.1 W157 55.4
G4	N21 19.7 W157 55.0	**64**	N21 20.2 W157 55.5
G3	N21 19.7 W157 55.0	**65**	N21 20.2 W157 55.5
G2	N21 19.8 W157 55.0	**66**	N21 20.2 W157 55.5
G1	N21 19.8 W157 55.0	**67**	N21 20.3 W157 55.5
F2	N21 19.9 W157 55.1	**68**	N21 20.3 W157 55.5
F1	N21 19.9 W157 55.1	**69**	N21 20.1 W157 55.6
E2	N21 19.8 W157 55.2	**70**	N21 20.1 W157 55.6
E4	N21 19.8 W157 55.2	**71**	N21 20.1 W157 55.6
E6	N21 19.8 W157 55.2	**72**	N21 20.2 W157 55.6
E8	N21 19.8 W157 55.2	**73**	N21 20.2 W157 55.6
E10	N21 19.7 W157 55.2	**74**	N21 20.2 W157 55.6
E9	N21 19.7 W157 55.2	**75**	N21 20.2 W157 55.6
E7	N21 19.8 W157 55.2	**81**	N21 20.1 W157 55.6
E5	N21 19.8 W157 55.2	**82**	N21 20.1 W157 55.6
E3	N21 19.8 W157 55.2	**83**	N21 20.1 W157 55.6
E1	N21 19.8 W157 55.2	**84**	N21 20.1 W157 55.6
D1	N21 19.9 W157 55.3	**85**	N21 20.1 W157 55.6
D2	N21 19.9 W157 55.3	**86**	N21 20.1 W157 55.6
C1	N21 19.9 W157 55.4	**87**	N21 20.2 W157 55.6
C2	N21 19.8 W157 55.4	**88**	N21 20.2 W157 55.6
C3	N21 19.8 W157 55.4	**89**	N21 20.2 W157 55.6
C4	N21 19.7 W157 55.4	**90**	N21 20.2 W157 55.6
C5	N21 19.7 W157 55.5	**91**	N21 20.2 W157 55.6
C6	N21 19.7 W157 55.5	**92**	N21 20.3 W157 55.6
C7	N21 19.7 W157 55.5	**93**	N21 20.3 W157 55.6
C8	N21 19.7 W157 55.6	**94**	N21 20.3 W157 55.6
C9	N21 19.7 W157 55.6		
B1	N21 19.9 W157 55.4		
B2	N21 19.9 W157 55.5		
B3	N21 19.9 W157 55.5		
B4	N21 19.9 W157 55.5		

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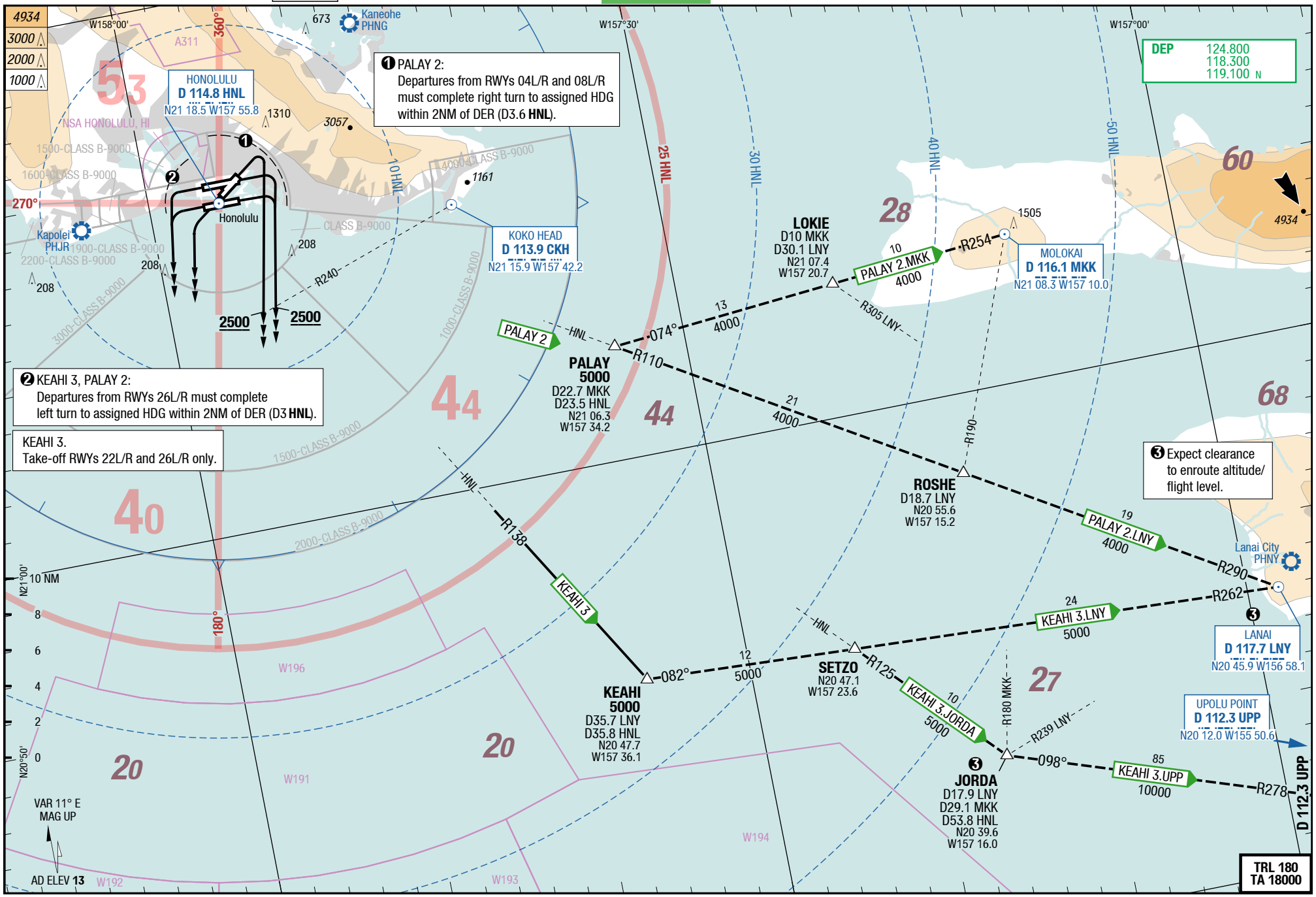
KEOLA 2 / OPIHI 2
KEAHI 3 / PALAY 2

SID SID

Daniel K Inouye Intl **Honolulu** United States
KEOLA 2 / OPIHI 2
KEAHI 3 / PALAY 2



Changes: FREQ, OBST, TOPO, AD Name

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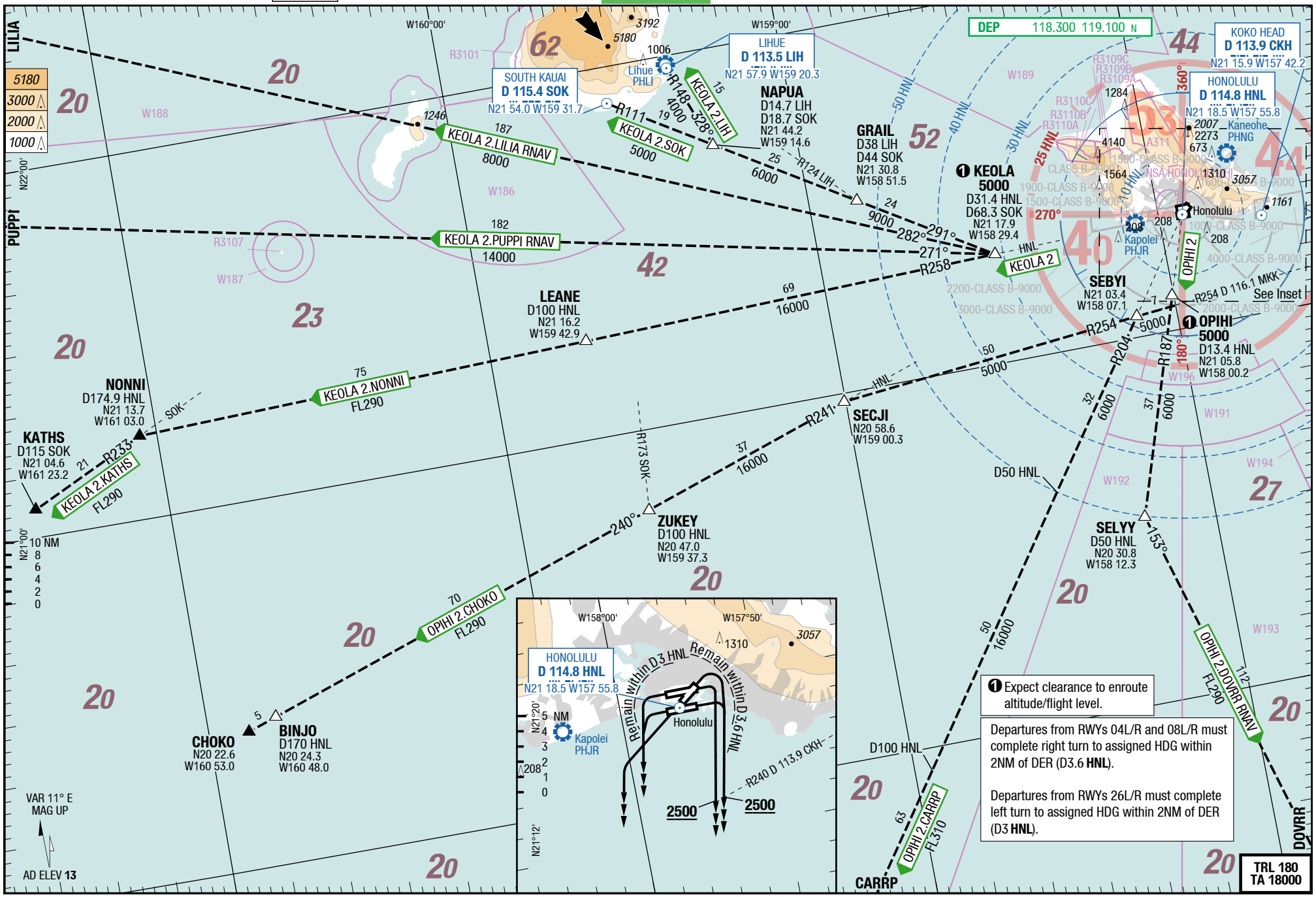
KEOLA 2 / OPIHI 2

KEOLA 2 / OPIHI 2



Changes: OBST, AD Name

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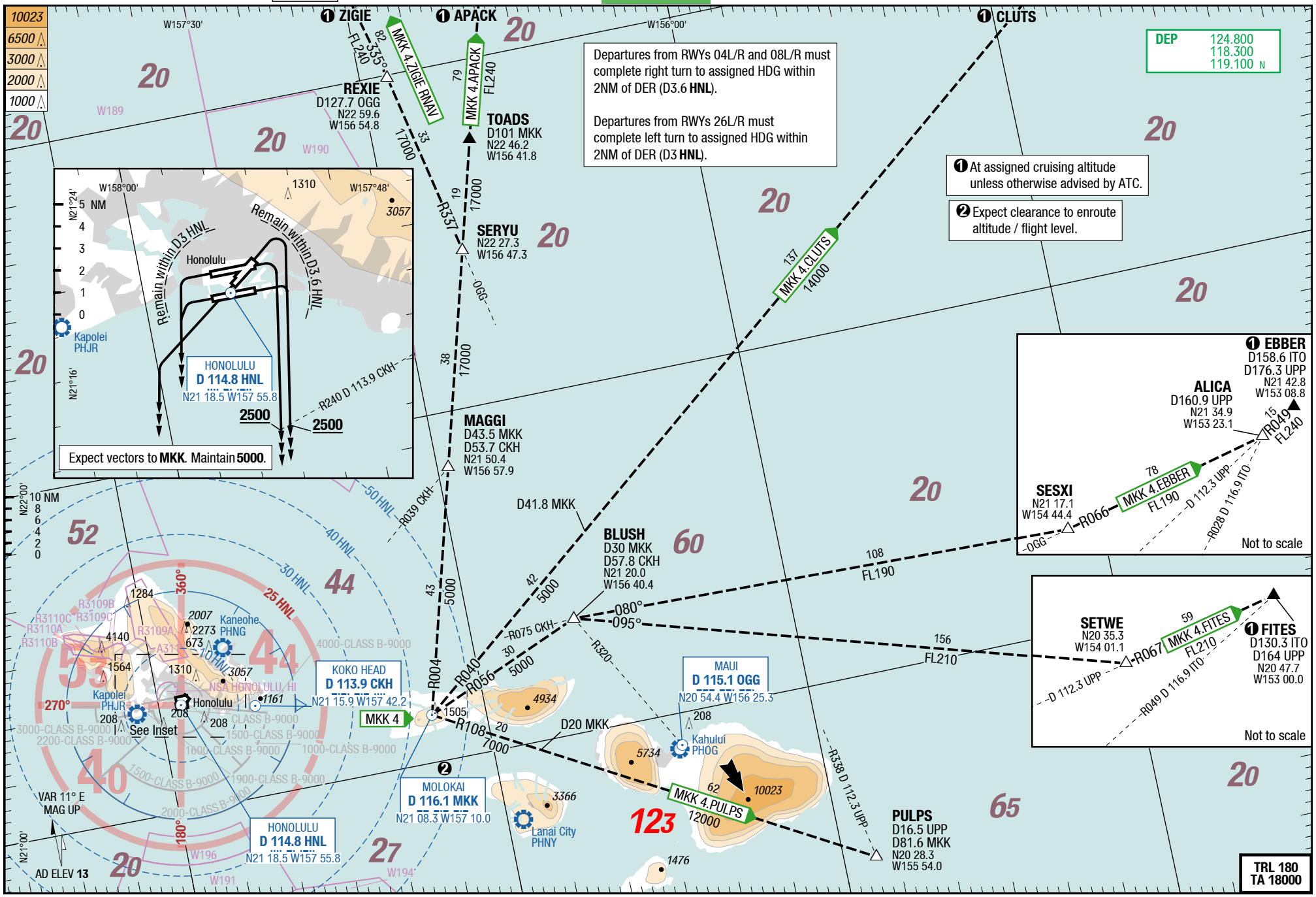
United States **Honolulu** Daniel K Inouye Intl
NIL
MOLOKAI 4 (MKK 4)

SID SID

Daniel K Inouye Intl **Honolulu** United States
NIL
MOLOKAI 4 (MKK 4)



Changes: FREQ, OBST, AD Name

KEAHI 3 / PALAY 2

RWYs 04L/R (042°) / 08L/R (079°) / 22L/R (222°) / 26L/R (259°)

DESIGNATOR	ROUTING	ALTITUDES
KEAHI 3 **124.800**		
RWY 22L	**LT** to assigned HDG - expect vectors to intercept R138 **HNL** to KEAHI - expect clearance to enroute ALT/FL at JORDA or **LNY**	Initial climb **5000**
RWY 22R	**LT** to assigned HDG - expect vectors to intercept R138 **HNL** to KEAHI - expect clearance to enroute ALT/FL at JORDA or **LNY**	Initial climb **5000**
RWY 26L ①	**LT** to assigned HDG - expect vectors to intercept R138 **HNL** to KEAHI - expect clearance to enroute ALT/FL at JORDA or **LNY**	Initial climb **5000**
RWY 26R ①	**LT** to assigned HDG - expect vectors to intercept R138 **HNL** to KEAHI - expect clearance to enroute ALT/FL at JORDA or **LNY**	Initial climb **5000**
	TRANSITION	
	JORDA KEAHI - R262 **LNY** inbound to SETZO - R125 **HNL** to JORDA	
	LANAI (LNY) KEAHI - R262 **LNY** to SETZO - **LNY**	
	UPOLU (UPP) KEAHI - R262 **LNY** inbound to SETZO - R125 **HNL** to JORDA - **UPP**	
PALAY 2 **124.800**		
RWY 04L ②	**RT** to assigned HDG - expect vectors to PALAY - expect clearance to enroute ALT/FL at **LNY**	R240 **CKH** MNM **2500** Initial climb **5000**
RWY 04R ②	**RT** to assigned HDG - expect vectors to PALAY - expect clearance to enroute ALT/FL at **LNY**	R240 **CKH** MNM **2500** Initial climb **5000**
RWY 08L ②	**RT** to assigned HDG - expect vectors to PALAY - expect clearance to enroute ALT/FL at **LNY**	R240 **CKH** MNM **2500** Initial climb **5000**
RWY 08R ②	**RT** to assigned HDG - expect vectors to PALAY - expect clearance to enroute ALT/FL at **LNY**	R240 **CKH** MNM **2500** Initial climb **5000**
RWY 22L	**LT** to assigned HDG - expect vectors to PALAY - expect clearance to enroute ALT/FL at **LNY**	Initial climb **5000**
RWY 22R	**LT** to assigned HDG - expect vectors to PALAY - expect clearance to enroute ALT/FL at **LNY**	Initial climb **5000**

① Departures must complete LT to assigned HDG within 2NM of DER (D3 HNL).

② Departures must complete RT to assigned HDG within 2NM of DER (D3.6 HNL).

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Changes: FREQ, AD Name

PALAY 2
RWYs 26L/R (259°)

DESIGNATOR	ROUTING	ALTITUDES
PALAY 2 **124.800**		
RWY 26L ①	**LT** to assigned HDG - expect vectors to PALAY - expect clearance to enroute ALT/FL at **LNY**	Initial climb **5000**
RWY 26R ①	**LT** to assigned HDG - expect vectors to PALAY - expect clearance to enroute ALT/FL at **LNY**	Initial climb **5000**
	TRANSITION	
	LANAI (LNY) PALAY - R110 **HNL** to ROSHE - R290 **LNY** to **LNY**	
	MOLOKAI (MKK) PALAY - R254 **MKK** to LOKIE - **MKK**	

① Departures must complete LT to assigned HDG within 2NM of DER (D3 HNL).

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Changes: FREQ, AD Name

KEOLA 2

RWYs 04L/R (042°) / 08L/R (079°) / 22L/R (222°) / 26L/R (259°)

DESIGNATOR	ROUTING	ALTITUDES
KEOLA 2 **118.300**		
RWY 04L ②	**RT** to assigned HDG - expect vectors to KEOLA - expect clearance to enroute altitude / flight level at KEOLA.	R240 **CKH** MNM **2500** initial climb **5000**
RWY 04R ②	**RT** to assigned HDG - expect vectors to KEOLA - expect clearance to enroute altitude / flight level at KEOLA.	R240 **CKH** MNM **2500** initial climb **5000**
RWY 08L ②	**RT** to assigned HDG - expect vectors to KEOLA - expect clearance to enroute altitude / flight level at KEOLA.	R240 **CKH** MNM **2500** initial climb **5000**
RWY 08R ②	**RT** to assigned HDG - expect vectors to KEOLA - expect clearance to enroute altitude / flight level at KEOLA.	R240 **CKH** MNM **2500** initial climb **5000**
RWY 22L	**LT** to assigned HDG - expect vectors to KEOLA - expect clearance to enroute altitude / flight level at KEOLA.	initial climb **5000**
RWY 22R	**LT** to assigned HDG - expect vectors to KEOLA - expect clearance to enroute altitude / flight level at KEOLA.	initial climb **5000**
RWY 26L ①	**LT** to assigned HDG - expect vectors to KEOLA - expect clearance to enroute altitude / flight level at KEOLA.	initial climb **5000**
RWY 26R ①	**LT** to assigned HDG - expect vectors to KEOLA - expect clearance to enroute altitude / flight level at KEOLA.	initial climb **5000**
	TRANSITION	
	KATHS KEOLA - R258 **HNL** to LEANE - NONNI - R233 **SOK** to KATHS	
	LIHUE (LIH) KEOLA - R111 **SOK** inbound to GRAIL - NAPUA - R148 **LIH** to **LIH**	
	LILIA KEOLA - 282° to LILIA	
	NONNI KEOLA - R258 **HNL** to LEANE - NONNI	
	PUPPI KEOLA - 271° to PUPPI	
	SOUTH KAUAI (SOK) KEOLA - R111 **SOK** inbound to GRAIL - NAPUA - **SOK**	

① Departures must complete LT to assigned HDG within 2NM of DER (D3 HNL).

② Departures must complete RT to assigned HDG within 2NM of DER (D3.6 HNL).

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OPIHI 2

RWYs 04L/R (042°) / 08L/R (079°) / 22L/R (222°) / 26L/R (259°)

DESIGNATOR	ROUTING	ALTITUDES
OPIHI 2 **118.300**		
RWY 04L ②	**RT** to assigned HDG - expect vectors to OPIHI - expect clearance to enroute altitude / flight level at OPIHI.	R240 **CKH** MNM **2500** initial climb **5000**
RWY 04R ②	**RT** to assigned HDG - expect vectors to OPIHI - expect clearance to enroute altitude / flight level at OPIHI.	R240 **CKH** MNM **2500** initial climb **5000**
RWY 08L ②	**RT** to assigned HDG - expect vectors to OPIHI - expect clearance to enroute altitude / flight level at OPIHI.	R240 **CKH** MNM **2500** initial climb **5000**
RWY 08R ②	**RT** to assigned HDG - expect vectors to OPIHI - expect clearance to enroute altitude / flight level at OPIHI.	R240 **CKH** MNM **2500** initial climb **5000**
RWY 22L	**LT** to assigned HDG - expect vectors to OPIHI - expect clearance to enroute altitude / flight level at OPIHI.	initial climb **5000**
RWY 22R	**LT** to assigned HDG - expect vectors to OPIHI - expect clearance to enroute altitude / flight level at OPIHI.	initial climb **5000**
RWY 26L ①	**LT** to assigned HDG - expect vectors to OPIHI - expect clearance to enroute altitude / flight level at OPIHI.	initial climb **5000**
RWY 26R ①	**LT** to assigned HDG - expect vectors to OPIHI - expect clearance to enroute altitude / flight level at OPIHI.	initial climb **5000**
	TRANSITION	
	CARRP OPIHI - **RT** intercept R254 **MKK** to SEBYI - intercept R204 **HNL** to CARRP	
	CHOKO OPIHI - **RT** intercept R254 **MKK** to SEBYI - SECJI - R241 **HNL** to ZUKEY - 240° to BINJO - CHOKO	
	DOVRR OPIHI - R187 **HNL** to SELYY - **LT** 153° to DOVRR	

① Departures must complete LT to assigned HDG within 2NM of DER (D3 HNL).

② Departures must complete RT to assigned HDG within 2NM of DER (D3.6 HNL).

Changes: FREQ, AD Name

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MOLOKAI 4

RWYs 04L/R (042°) / 08L/R (079°) / 22L/R (222°) / 26L/R (259°)

DESIGNATOR	ROUTING	ALTITUDES
MOLOKAI 4 **MKK 4** **124.800**		
RWY 04L ②	**RT** to assigned HDG - expect vectors to **MKK** - expect clearance to enroute altitude / flight level at **MKK**	R240 **CKH** MNM **2500** initial climb **5000**
RWY 04R ②	**RT** to assigned HDG - expect vectors to **MKK** - expect clearance to enroute altitude / flight level at **MKK**	R240 **CKH** MNM **2500** initial climb **5000**
RWY 08L ②	**RT** to assigned HDG - expect vectors to **MKK** - expect clearance to enroute altitude / flight level at **MKK**	R240 **CKH** MNM **2500** initial climb **5000**
RWY 08R ②	**RT** to assigned HDG - expect vectors to **MKK** - expect clearance to enroute altitude / flight level at **MKK**	R240 **CKH** MNM **2500** initial climb **5000**
RWY 22L	**LT** to assigned HDG - expect vectors to **MKK** - expect clearance to enroute altitude / flight level at **MKK**	initial climb **5000**
RWY 22R	**LT** to assigned HDG - expect vectors to **MKK** - expect clearance to enroute altitude / flight level at **MKK**	initial climb **5000**
RWY 26L ①	**LT** to assigned HDG - expect vectors to **MKK** - expect clearance to enroute altitude / flight level at **MKK**	initial climb **5000**
RWY 26R ①	**LT** to assigned HDG - expect vectors to **MKK** - expect clearance to enroute altitude / flight level at **MKK**	initial climb **5000**
	TRANSITION	
	APACK **MKK** - R004 **MKK** to MAGGI - SERYU - TOADS - APACK	APACK at assigned cruising altitude
	CLUTS **MKK** - R040 **MKK** to CLUTS	CLUTS at assigned cruising altitude
	EBBER **MKK** - R056 **MKK** to BLUSH - 080° to SESXI - R066 **OGG** to ALICA - R049 **UPP** to EBBER	EBBER at assigned cruising altitude
	FITES **MKK** - R056 **MKK** to BLUSH - 095° to SETWE - R067 **UPP** to FITES	FITES at assigned cruising altitude

① Departures must complete LT to assigned HDG within 2NM of DER (D3 HNL).

② Departures must complete RT to assigned HDG within 2NM of DER (D3.6 HNL).

Changes: FREQ, AD Name

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MOLOKAI 4

DESIGNATOR	ROUTING	ALTITUDES
MOLOKAI 4 **MKK 4** **124.800**		
	TRANSITION	
	PULPS **MKK** - R108 **MKK** to PULPS	PULPS at assigned cruising altitude
	ZIGIE **MKK** - R004 **MKK** to MAGGI - SERYU - R337 **OGG** to REXIE - 335° to ZIGIE	ZIGIE at assigned cruising altitude

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Changes: FREQ, AD Name

Obstacle Departure

RWY	Routing
04L/R, 08L/R	**Obstacle Departure:** **RT -** HDG 155°-climb **3000 -** intercept R125 **HNL** to HUANA **Visual Climb:** Cross HNL southbound at **1600 -** intercept R171 **HNL** to ALANA **-** climb **3000**.
22L/R, 26L/R	**Obstacle Departure:** **LT** - HDG 140° - climb **3000** - intercept R171 **HNL** to ALANA **Visual climb:** cross **HNL** southbound at **1600 -** intercept R171 **HNL** to ALANA - climb **3000**.

RWY	Notes
04L	Multiple lights beginning 630ft from DER, 236ft left of centerline, 102ft right of centerline, up to 84ft AGL/92ft MSL. Light on building 669ft from DER, 394ft left of centerline, 29ft AGL/37ft MSL. Stack on building 2488ft from DER, 219ft right of centerline 72ft AGL/80ft MSL. Multiple trees beginning 1253ft from DER, 209ft left of centerline, 935ft right of centerline, up to 64ft AGL/72ft MSL. Bush 450ft from DER, 234ft left of centerline, 14ft AGL/22ft MSL.
04R	Stack on building, 2442ft from DER, 283ft left of centerline, 72ft AGL/80ft MSL. Multiple trees beginning 1206ft from DER, 711ft left of centerline, 433ft right of centerline, up to 64ft AGL/72ft MSL. Multiple lights beginning 1072ft from DER, 399ft left of centerline, 504ft right of centerline, up to 36ft AGL/44ft MSL. Pole 2110ft from DER, 951ft left of centerline, 59ft AGL/67ft MSL.
22L	Multiple bushes beginning 265ft, from DER, 396ft right of centerline, up to 17ft AGL/31ft MSL. Tree 1065ft from DER, 499ft right of centerline, 30ft AGL/38ft MSL.
22R	ROD on OL ASR 1451ft from DER, 827ft right of centerline, 76ft AGL/84ft MSL. Tree 853ft from DER, 308ft right of centerline, 43ft AGL/51ft MSL.
26L	Ship 6683ft from DER, on centerline, 208ft AGL/208ft MSL.

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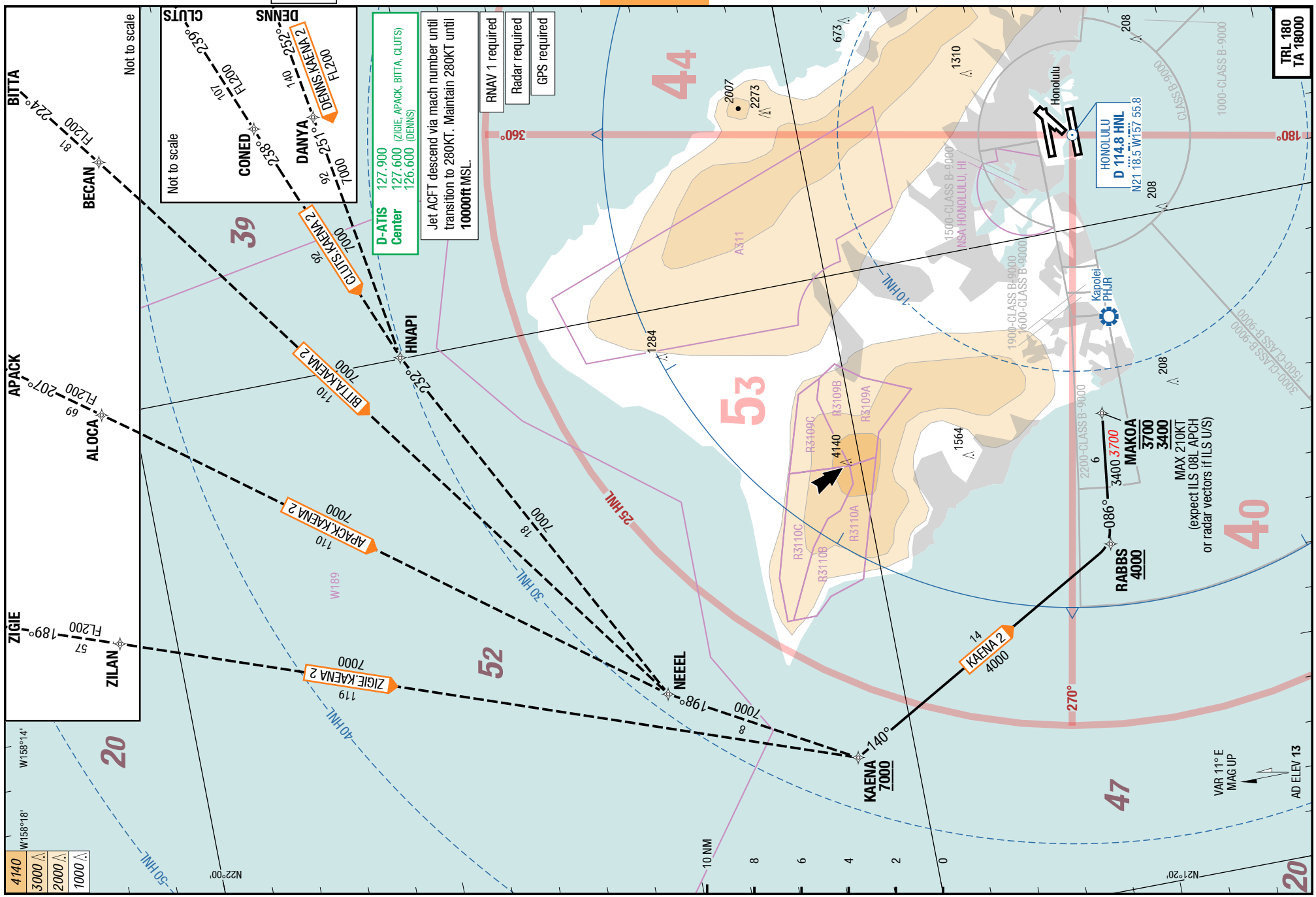
United States **Honolulu** Daniel K Inouye Intl
KLANI 2 RNAV
KAENA 2 RNAV
STAR

STAR
Daniel K Inouye Intl **Honolulu** United States
KLANI 2 RNAV
KAENA 2 RNAV



Changes: SUAs, OBST, TOPO, AD Name

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United States **Honolulu** Daniel K Inouye Intl

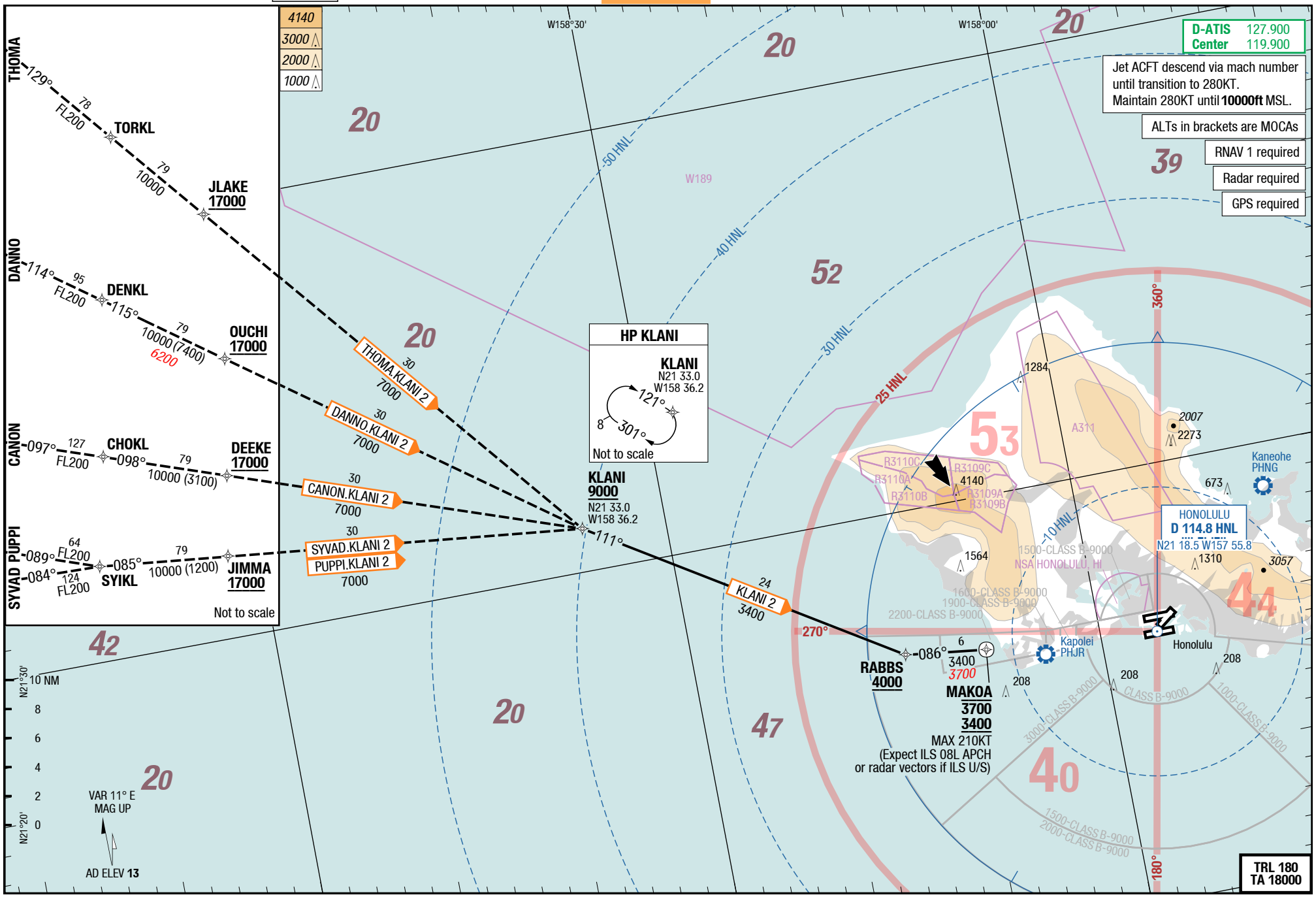
KLANI 2 RNAV

STAR

STAR

Daniel K Inouye Intl **Honolulu** United States

KLANI 2 RNAV

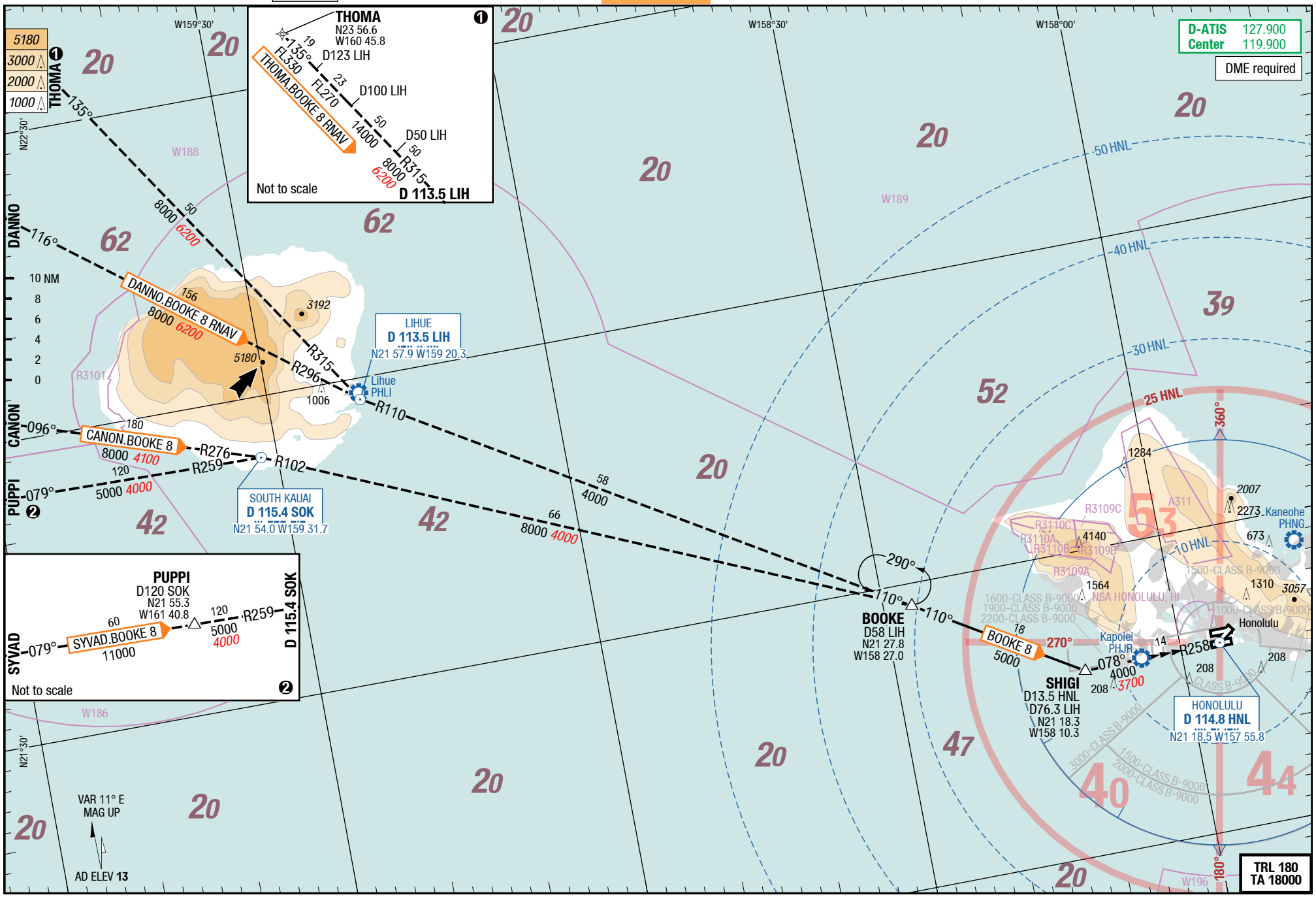


Changes: MTCA, OBST, SUAs, MEA, TOPO, AD Name

United States **Honolulu** Daniel K Inouye Intl
JULLE 5
BOOKE 8

STAR STAR

Daniel K Inouye Intl **Honolulu** United States
JULLE 5
BOOKE 8



Changes: MTCA, Track, SUAs, OBST, AD Name

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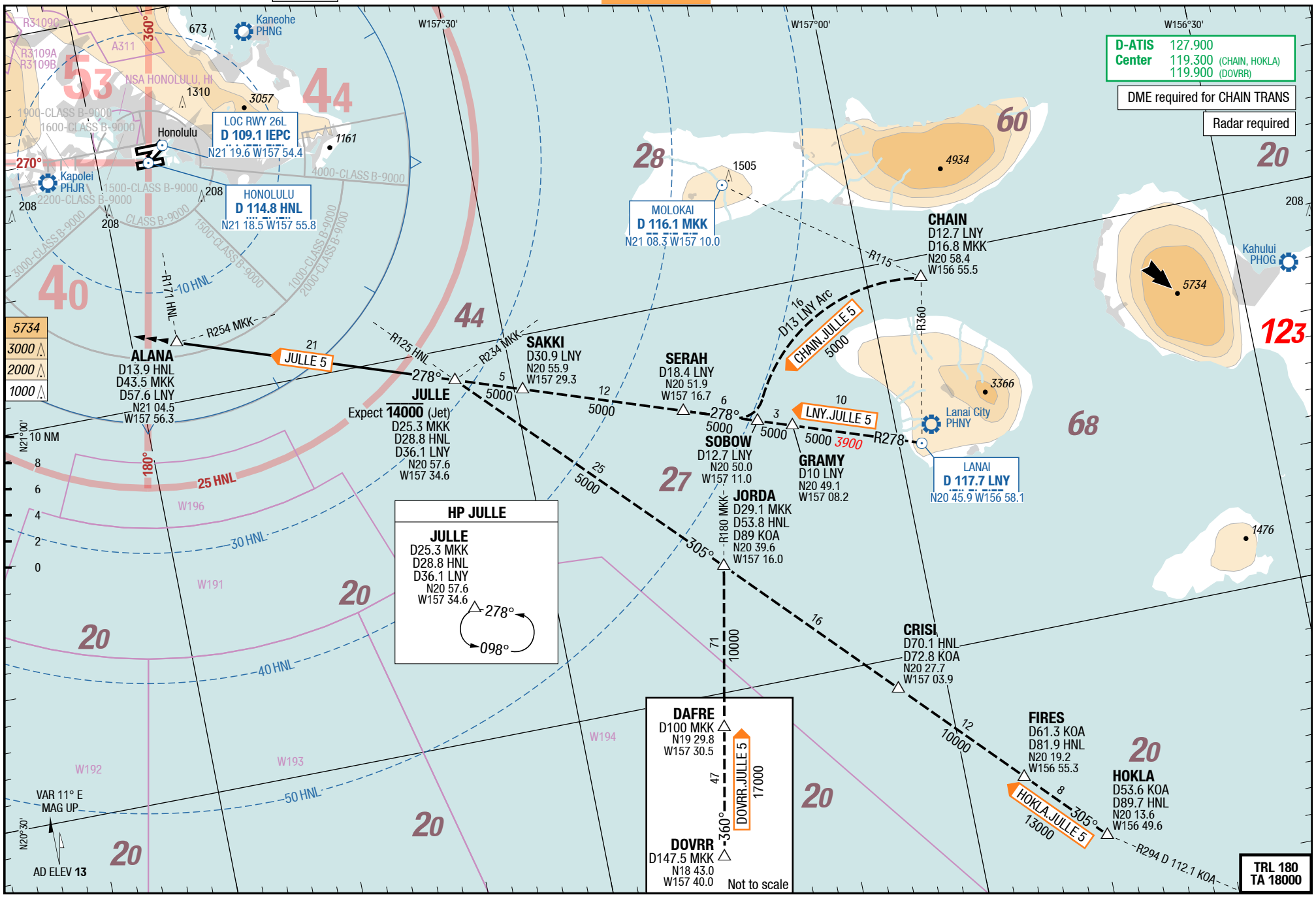
United States **Honolulu** Daniel K Inouye Intl

JULLE 5 STAR

Daniel K Inouye Intl **Honolulu** United States

STAR **JULLE 5**



Changes: OBST, SUAs, TOPO, AD Name

United States **Honolulu** Daniel K Inouye Intl

OPACA 4

MAGGI 3

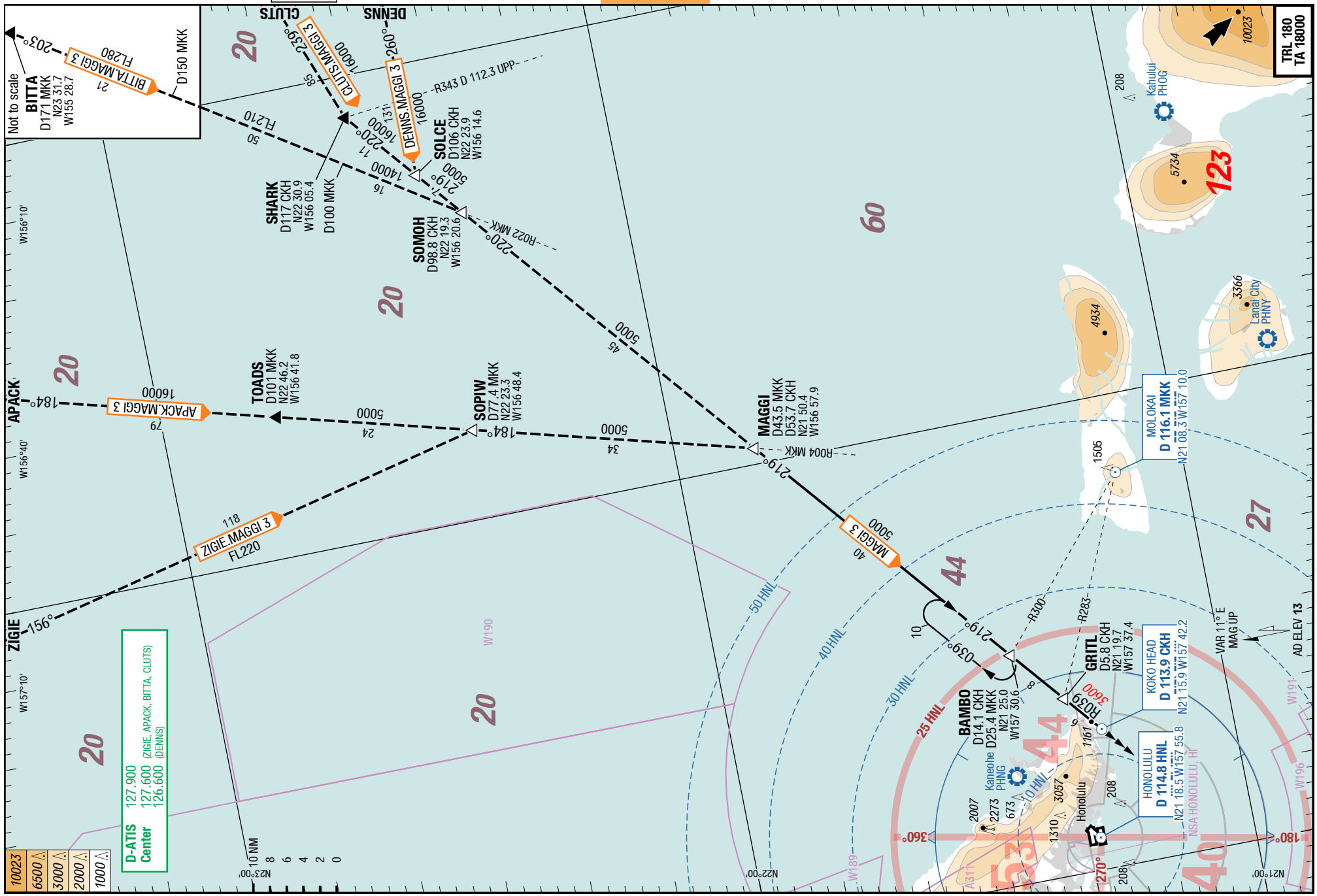
STAR

Daniel K Inouye Intl **Honolulu** United States

OPACA 4

MAGGI 3

STAR



Changes: HLDG

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United States **Honolulu** Daniel K Inouye Intl

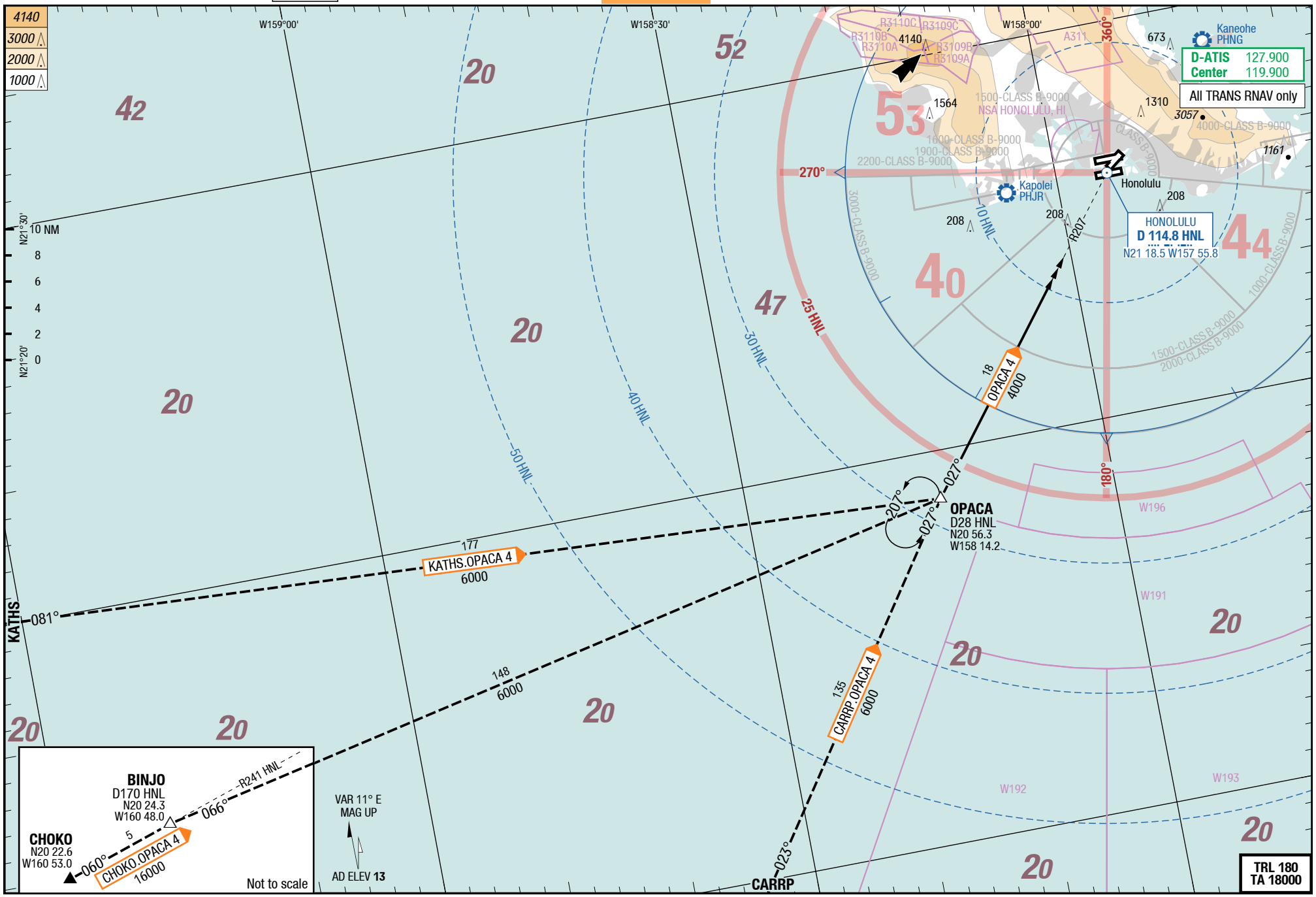
OPACA 4

STAR

STAR

Daniel K Inouye Intl **Honolulu** United States

OPACA 4



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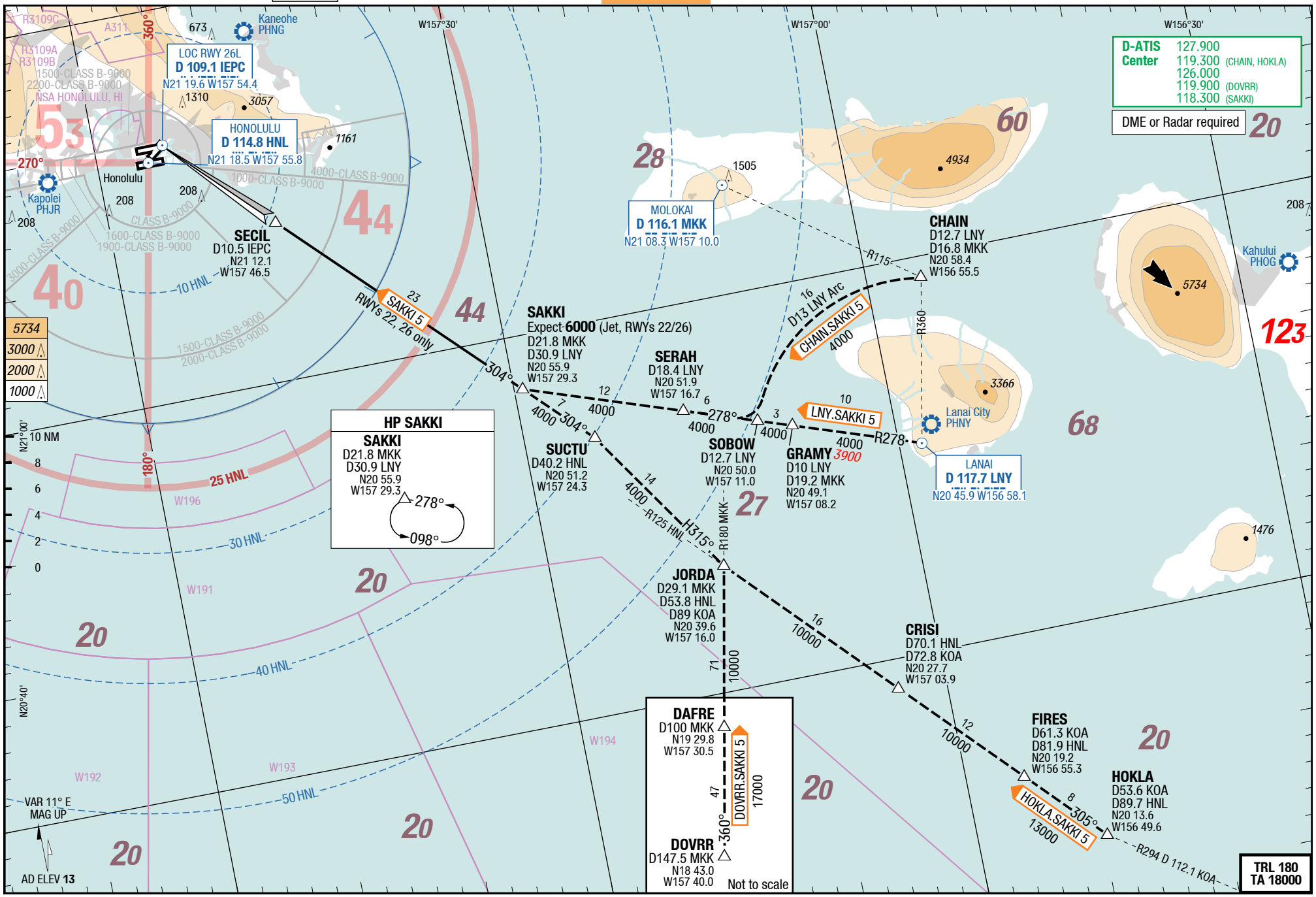
Changes: Nil

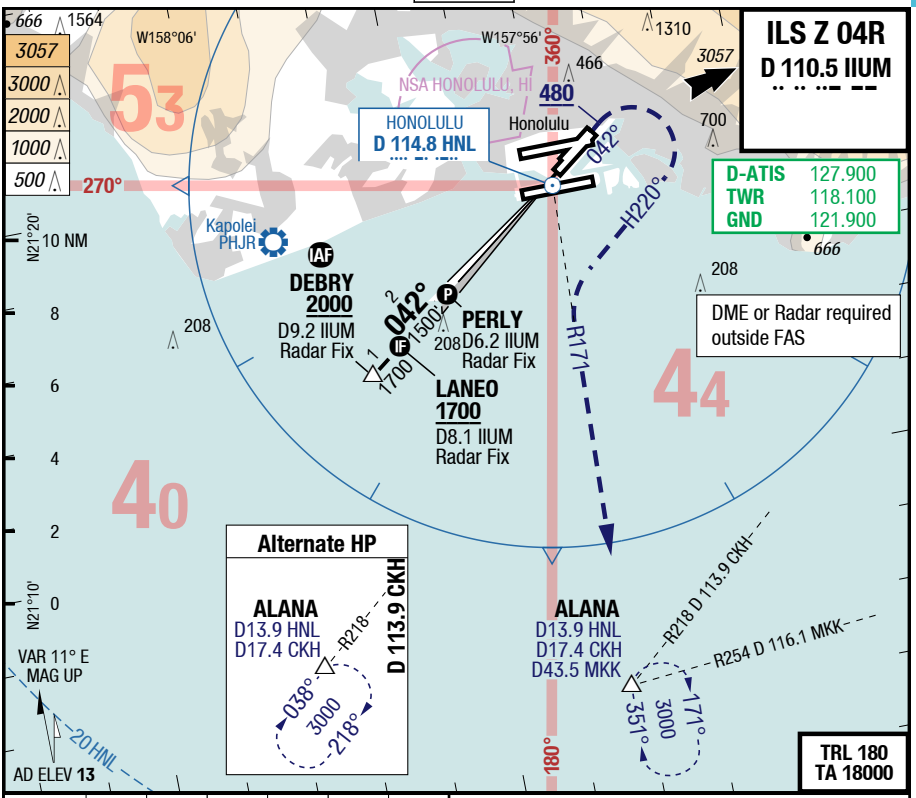
United States **Honolulu** Daniel K Inouye Intl
NIL
SAKKI 5

STAR STAR

Daniel K Inouye Intl **Honolulu** United States
NIL
SAKKI 5

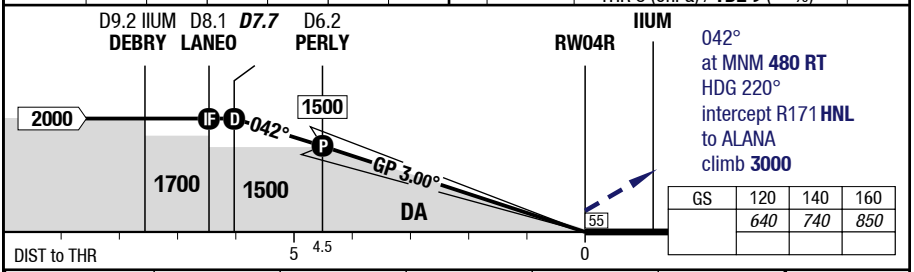


Changes: SUAs, OBST, TOPO, Editorial, AD Name



D IIUM	7.7	7	6	5	4	3
	2000	1770	1450	1130	810	500

04R 3.0° 60 HL 2728 G 46
ML-MALSR THR 8 (0hPa) / **TDZ 9** (---%) 0.0%



GS	120	140	160
	640	740	850

TERPs 04R		Cat 1 GA 5.6% 1)	Cat 1 GA 3.3%	Cat 1 GA 3.3% APL U/S			Circling New TERPS
C	ft - ft/SM ft	200 - 0.5V **210**	280 - 0.5V **290**	280 - 0.88V **290**			Not published
D	ft - ft/SM ft	200 - 0.5V **210**	280 - 0.5V **290**	280 - 0.88V **290**			Not published

1) Up to 2000ft

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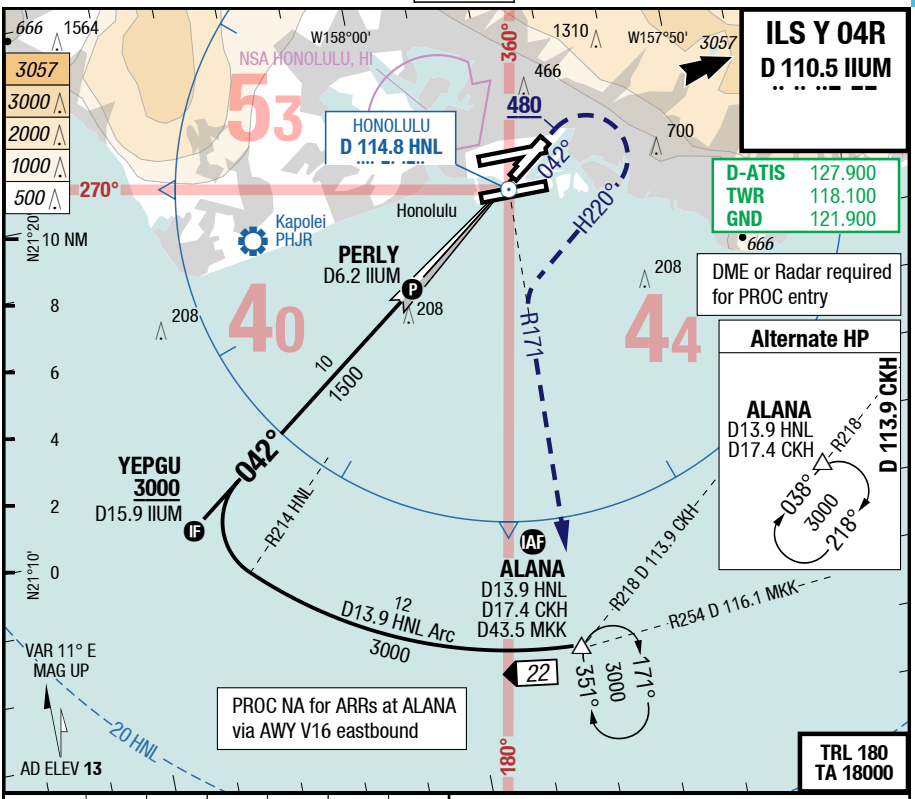
HNL-PHNL

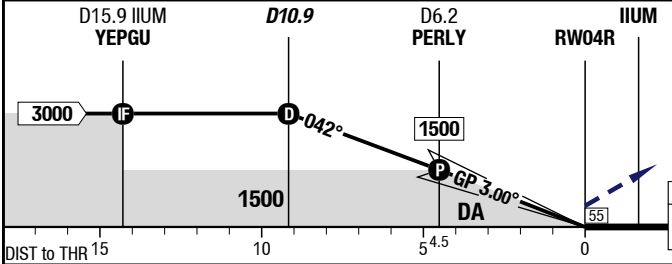
ILS Y 04R



D IIUM	10.9	10	8	6	4	3
	3000	2720	2090	1450	810	500

04R — 3.0° — 60 HL — 2728 G 46

ML-MALSR — THR 8 (0hPa) / **TDZ 9** (---%) — 0.0%



042°
at MNM **480 RT**
HDG 220°
intercept R171 **HNL**
to ALANA
climb **3000**

GS	120	140	160
	640	740	850

TERPS 04R		Cat 1 DME GA 5.6% 1)	Cat 1 DME GA 3.3%	Cat 1 DME GA 3.3% APL U/S			Circling New TERPS
C	ft - ft/SM ft	200 - 0.5V **210**	280 - 0.5V **290**	280 - 0.88V **290**			Not published
D	ft - ft/SM ft	200 - 0.5V **210**	280 - 0.5V **290**	280 - 0.88V **290**			Not published

1) Up to 2000ft

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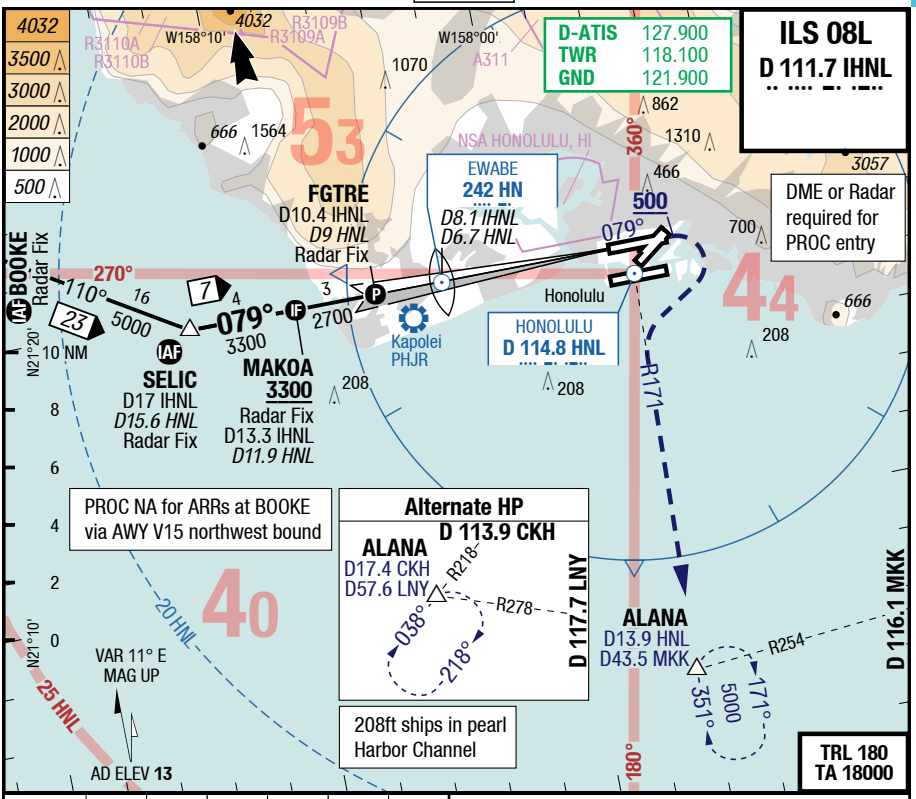
HNL-PHNL

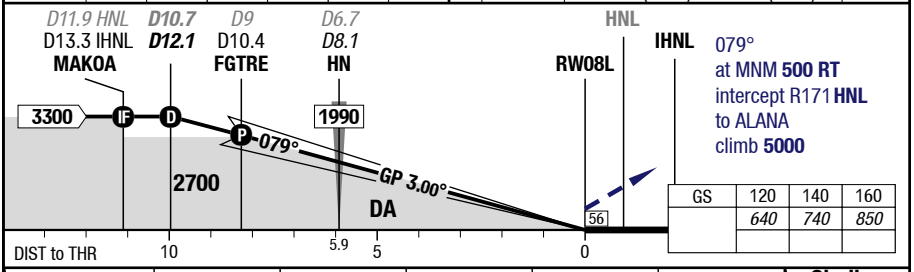
ILS 08L



3.00° D HNL	10.7	10	8	6	4	3
	3300	3070	2420	1750	1080	750

08L 3.0° 60 HL 3749 G 46

ML-MALSR THR 12 (0hPa) / **TDZ 13** (---%) 0.0%



GS	120	140	160
	640	740	850

08L	Cat 1					Circling New TERPS
C	ft - ft/SM ft	200 - 0.5V **220**				Not published
D	ft - ft/SM ft	200 - 0.5V **220**				Not published

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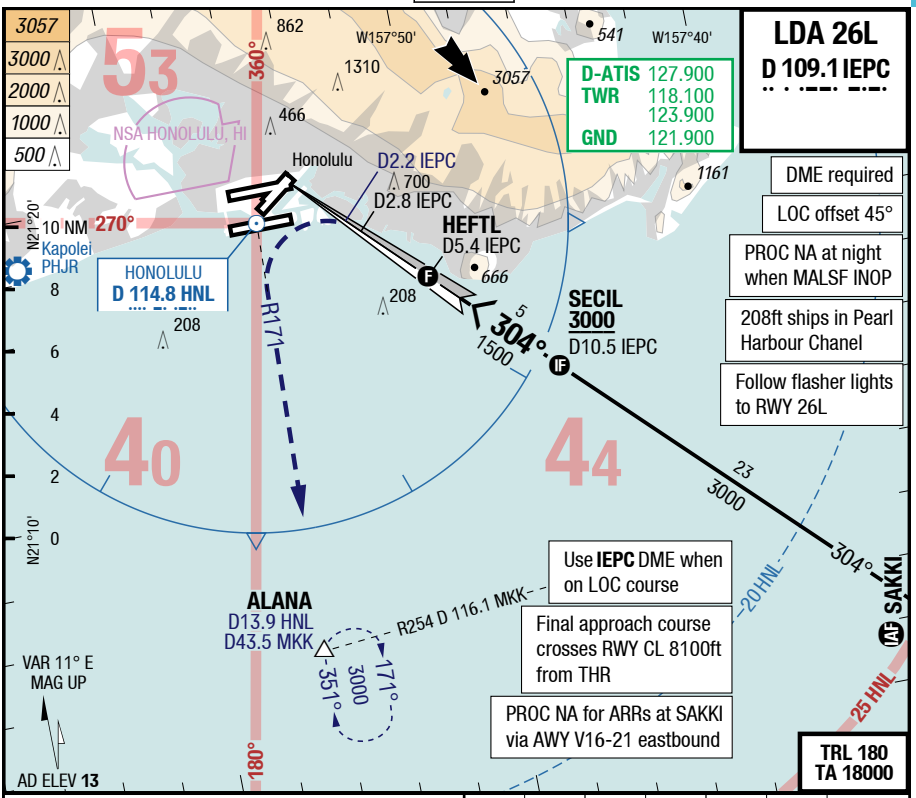

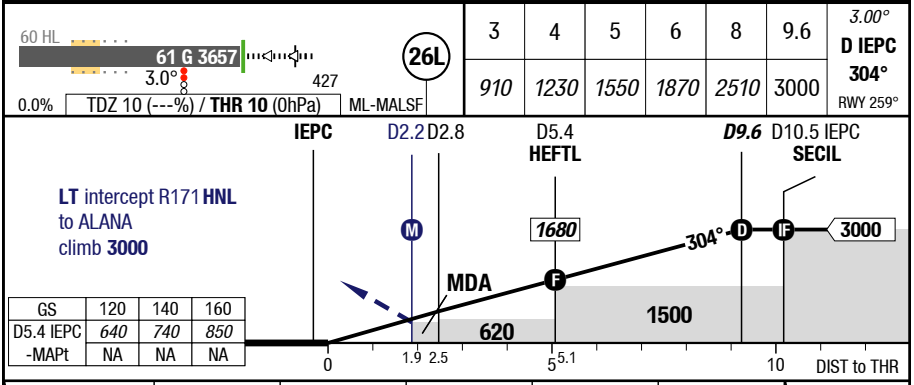

GS	120	140	160
D5.4 IEPC	640	740	850
-MAPt	NA	NA	NA

TERPS 26L		LDA DME 1)					Circling 2) 3) New TERPS
C	ft - ft/SM ft	550 - 2.0V **560**					750 - 2.25V **760**
D	ft - ft/SM ft	550 - 2.0V **560**					1390 - 3.0V **1400**

1) INOP table does not apply
2) S of RWY 08L/26R only
3) To RWY 22R HJ only

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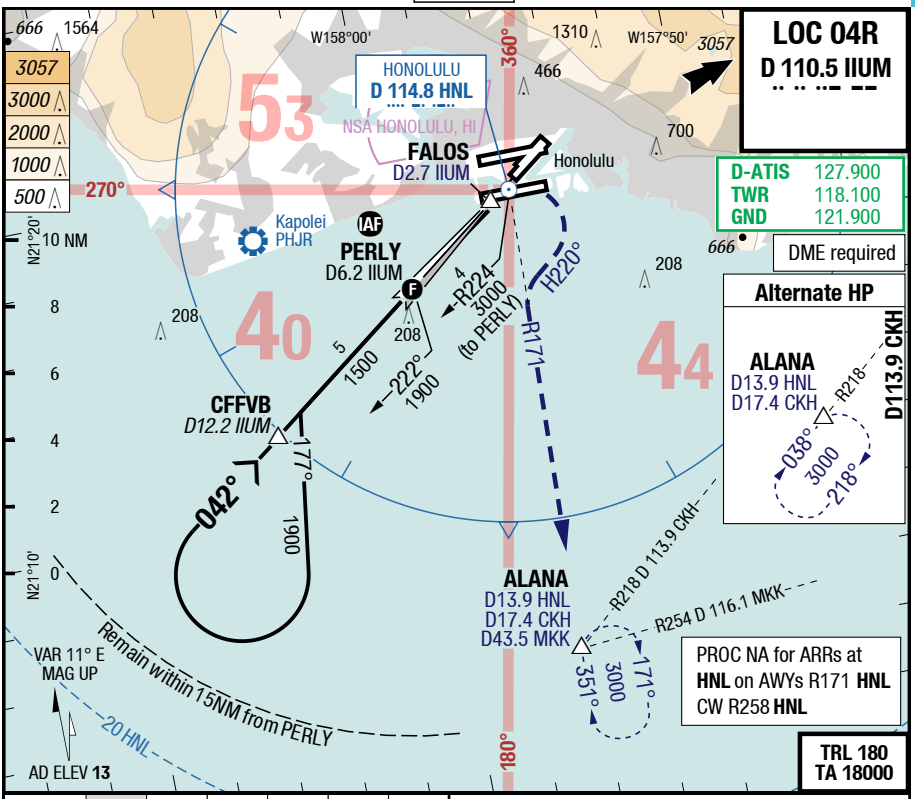
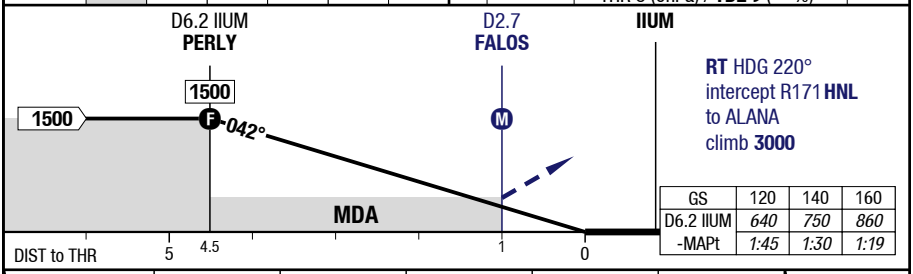


3.03° D IIUM	6.2	6	5	4	3
	1500	*1460*	*1140*	*820*	*500*

04R — 3.0° — 60 HL — 2728 G 46

ML-MALSR — THR 8 (OhPa) / **TDZ 9** (---%) — 0.0%



GS	120	140	160
D6.2 IIUM	*640*	*750*	*860*
-MAPt	*1:45*	*1:30*	*1:19*

04R		LOC DME					Circling 1) 2) New TERPS
C	ft - ft/SM ft	460 - 0.88V **460**					750 - 2.25V **760**
D	ft - ft/SM ft	460 - 0.88V **460**					1390 - 3.0V **1400**

1) S of RWY 08L/26R only
2) To RWY 22R HJ only

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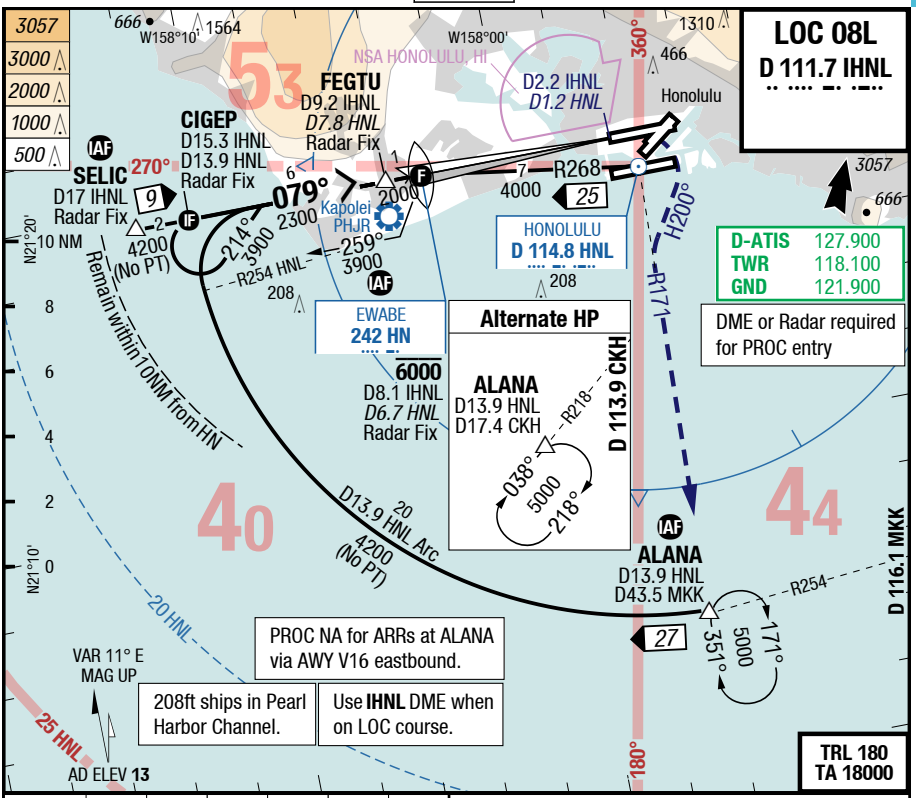
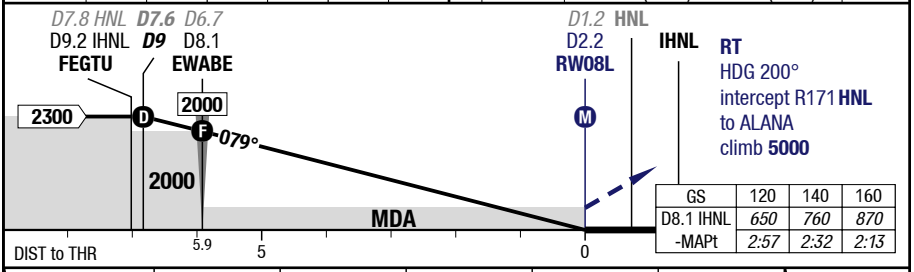


3.08° D IHNL	9	8	7	6	5	4
	2300	1980	1650	1330	1000	670

08L — 3.0° — 60 HL — 3749 G 46

ML-MALSR | THR 12 (0hPa) / **TDZ 13** (---%) | 0.0%



GS	120	140	160
D8.1 IHNL -MAPt	650 2:57	760 2:32	870 2:13

08L		LOC					Circling 1) 2) New TERPS
C	ft - ft/SM ft	450 - 0.88V **460**					750 - 2.25V **760**
D	ft - ft/SM ft	450 - 0.88V **460**					1390 - 3.0V **1400**

1) S of RWY 08L/26R only
2) To RWY 22R HJ only

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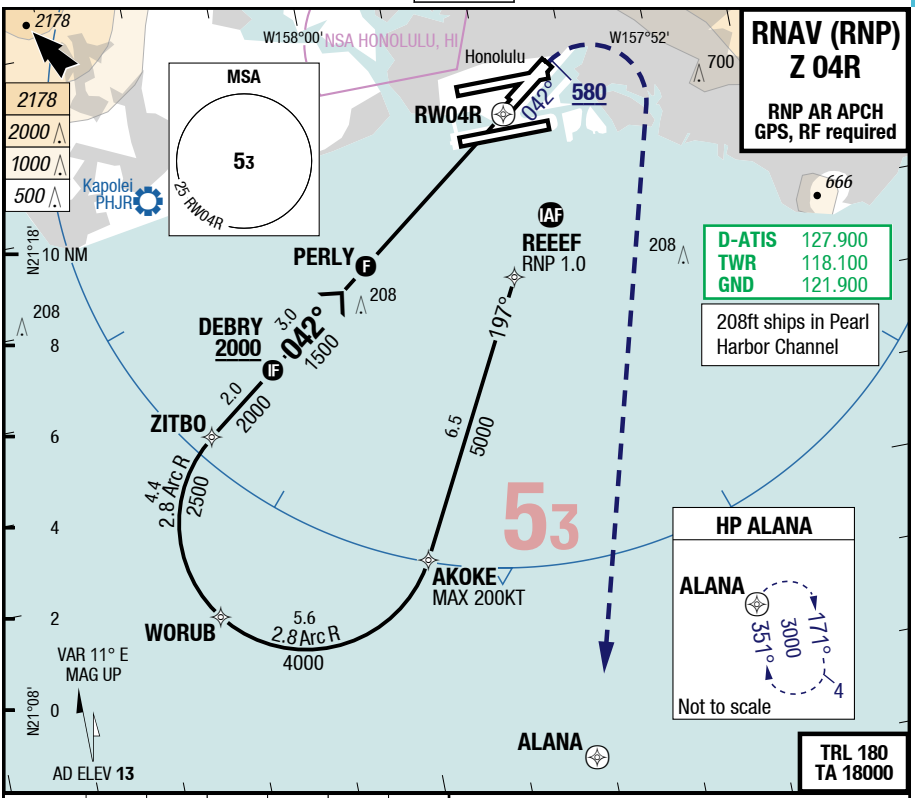
HNL-PHNL

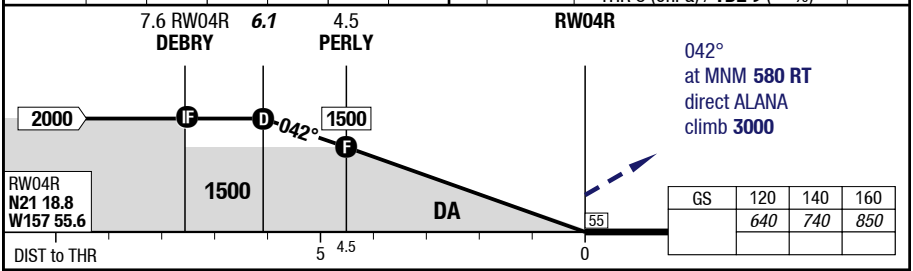
RNAV (RNP) Z 04R



3.00° RW04R	6.1	6	5	4	3	2
	2000	1980	1660	1340	1020	700

04R — 3.0° — 60 HL — 2728 G 46

ML-MALSR — THR 8 (OhPa) / **TDZ 9** (---%) — 0.0%



GS	120	140	160
	640	740	850

TERPS 04R		RNAV RNP 0.30 VNAV 1)	RNAV RNP 0.30 VNAV APL U/S 1)				Circling New TERPS
C	ft - ft/SM ft	320 - 0.5V **330**					Not published
D	ft - ft/SM ft	570 - 1.5V **580**	570 - 2.0V **580**				Not published

1) Uncompensated BARO VNAV NA below 16°C (61°F) or above 54°C (130°F)

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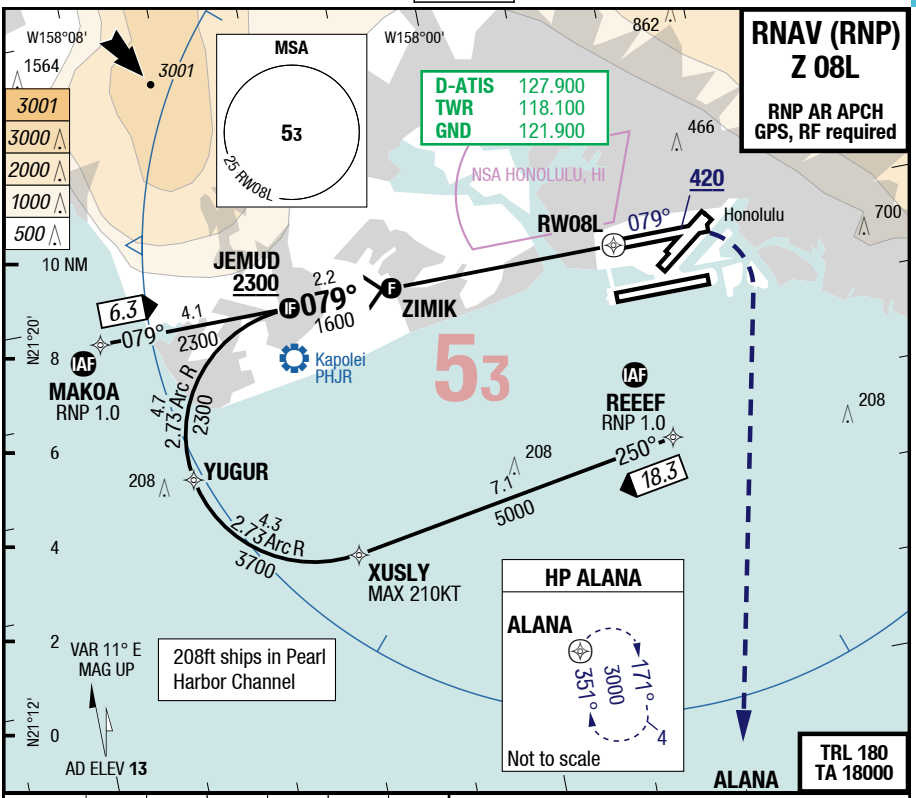
HNL-PHNL

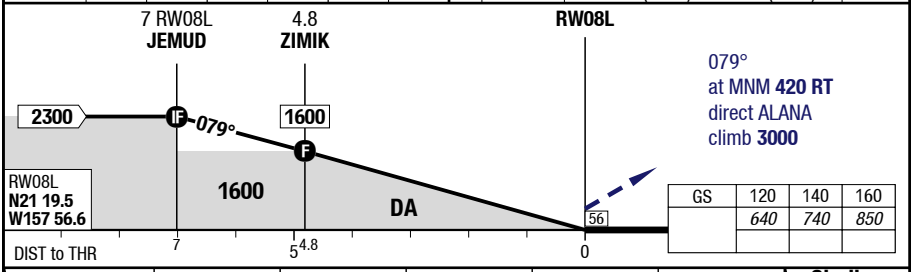
RNAV (RNP) Z 08L



3.00° RW08L	7	6	4	3	2	1
	2300	*1980*	*1350*	*1030*	*710*	*390*

08L — 3.0° — 60 HL — 3749 G 46

ML-MALSR | THR 12 (0hPa) / **TDZ 13** (---%) | 0.0%



GS	120	140	160
	640	*740*	*850*

08L		RNAV RNP 0.30 VNAV 1)					Circling New TERPS
C	ft - ft/SM ft	340 - 0.63V **350**					Not published
D	ft - ft/SM ft	340 - 0.63V **350**					Not published

1) Uncompensated BARO VNAV NA below 16°C (61°F) or above 54°C (130°F)

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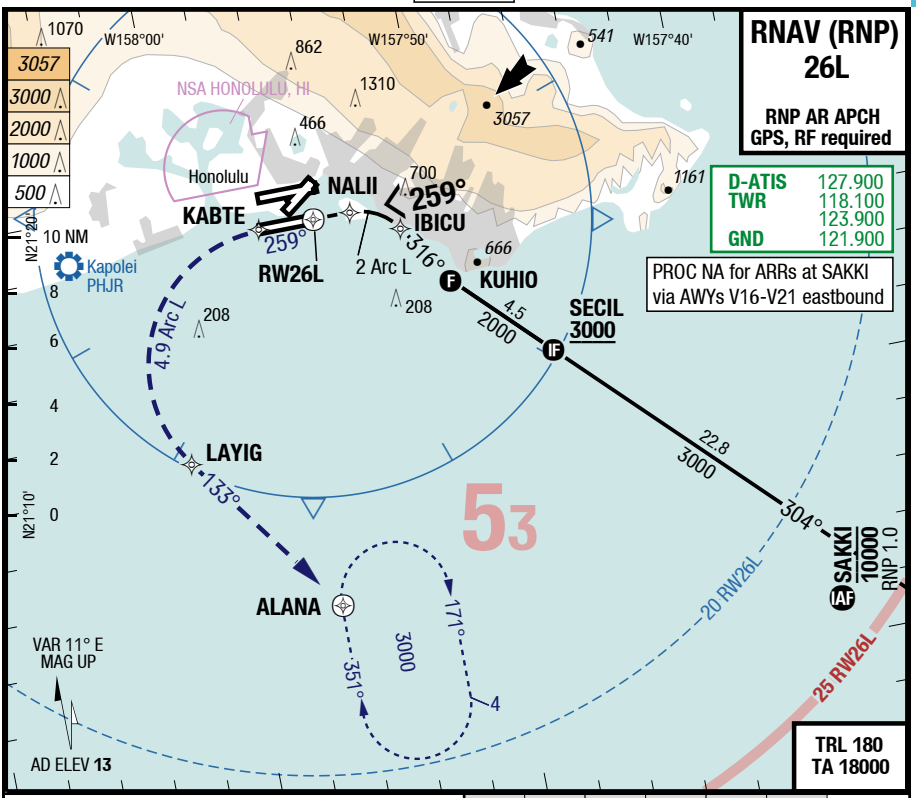

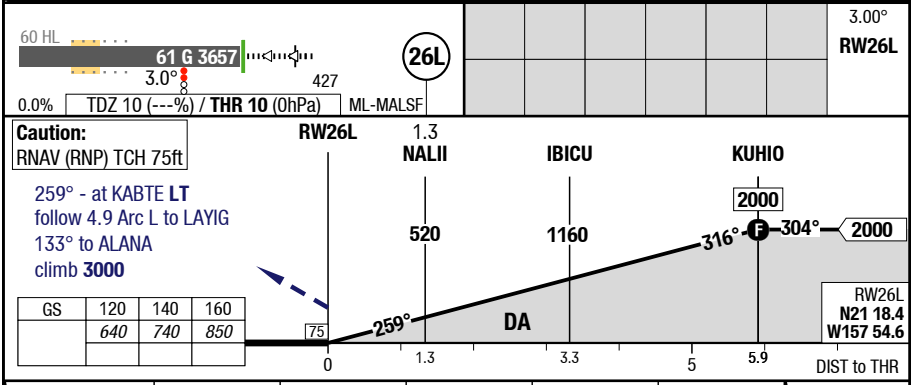

26L		RNAV RNP 0.15 VNAV GA 3.9% 1) 2)	RNAV RNP 0.15 VNAV GA 3.9% APL U/S 2)				Circling TERPS
C	ft - ft/SM ft	250 - 0.5V **260**	250 - 1.0V **260** 1)				Not published
D	ft - ft/SM ft	250 - 0.5V **260**	250 - 1.0V **260** 1)				Not published

1) Uncompensated BARO VNAV NA below 15°C (58°F) or above 53°C (128°F)
2) Up to 300ft

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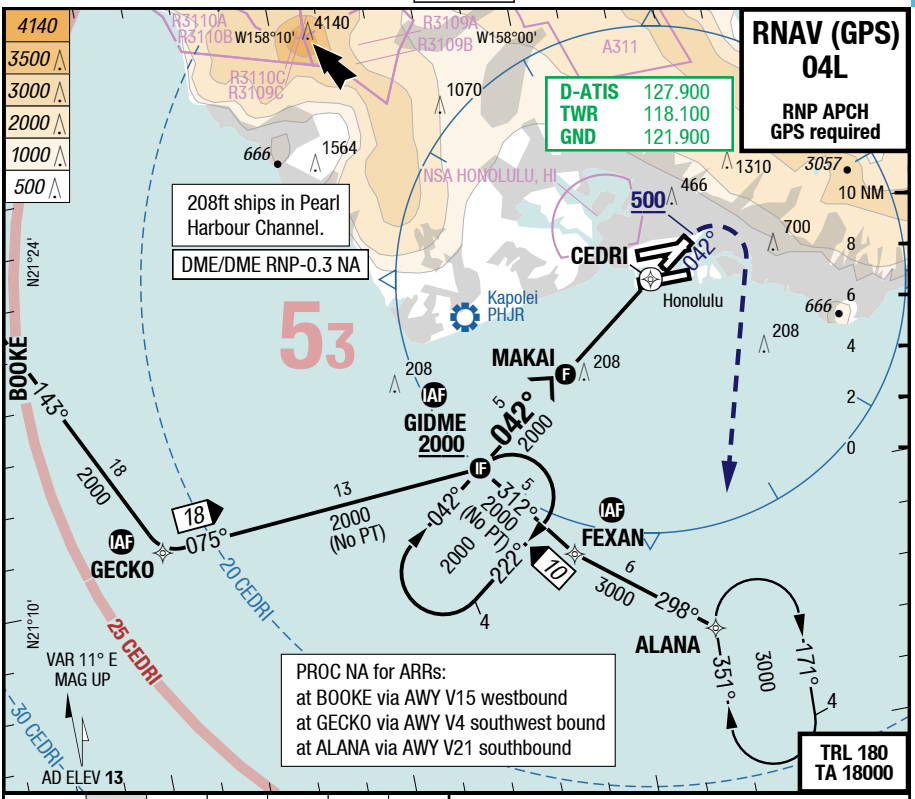
HNL-PHNL

7-110

RNAV (GPS) 04L



RNAV (GPS) 04L

RNP APCH
GPS required

D-ATIS	127.900
TWR	118.100
GND	121.900

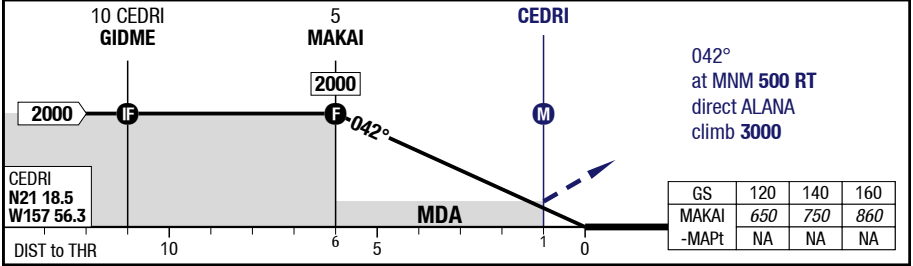
TRL 180
TA 18000

3.04° CEDRI	5	4	3	2	1
	2000	*1680*	*1360*	*1030*	*710*

04L

3.0° 60 ML
2119 x 46

THR 10 (0hPa) / TDZ 10 (---%) 0.0%



042°
at MNM **500 RT**
direct ALANA
climb **3000**

GS	120	140	160
MAKAI	*650*	*750*	*860*
-MAPt	NA	NA	NA

04L		**RNAV GPS** LNAV					**Circling** 1) 2) New TERPS
C	ft - ft/SM ft	450 - 1.38V **460**					750 - 2.25V **760**
D	ft - ft/SM ft	450 - 1.5V **460**					1390 - 3.0V **1400**

1) S of RWY 08L/26R only
2) To RWY 22R HJ only

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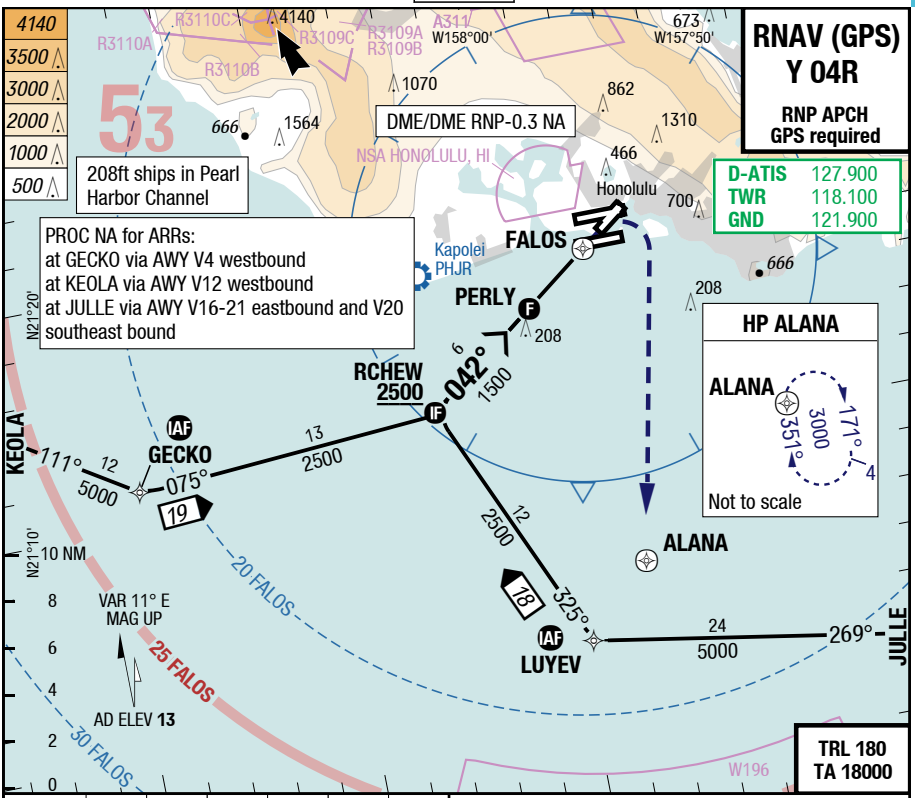
HNL-PHNL

7-120

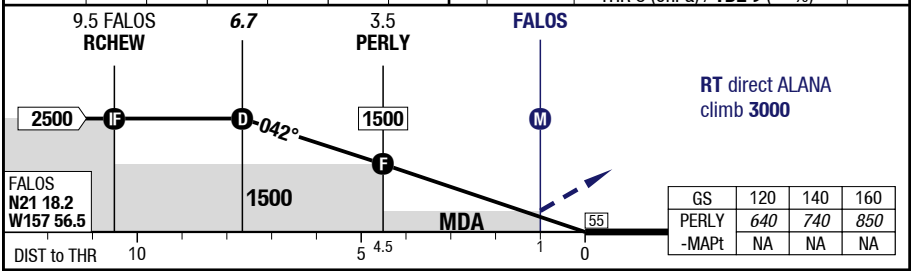
RNAV (GPS) Y 04R



FALOS 3.00°	6.7	5	4	3	2	1
	2500	1980	1660	1340	1020	700

04R 3.0° 60 HL 2728 G 46

ML-MALSR THR 8 (0hPa) / **TDZ 9** (---%) 0.0%



GS	120	140	160
PERLY	640	740	850
-MAPt	NA	NA	NA

04R		RNAV GPS LNAV					Circling 1) 2) New TERPS
C	ft - ft/SM ft	460 - 0.88V **460**					750 - 2.25V **760**
D	ft - ft/SM ft	460 - 0.88V **460**					1390 - 3.0V **1400**

1) S of RWY 08L/26R only
2) To RWY 22R HJ only

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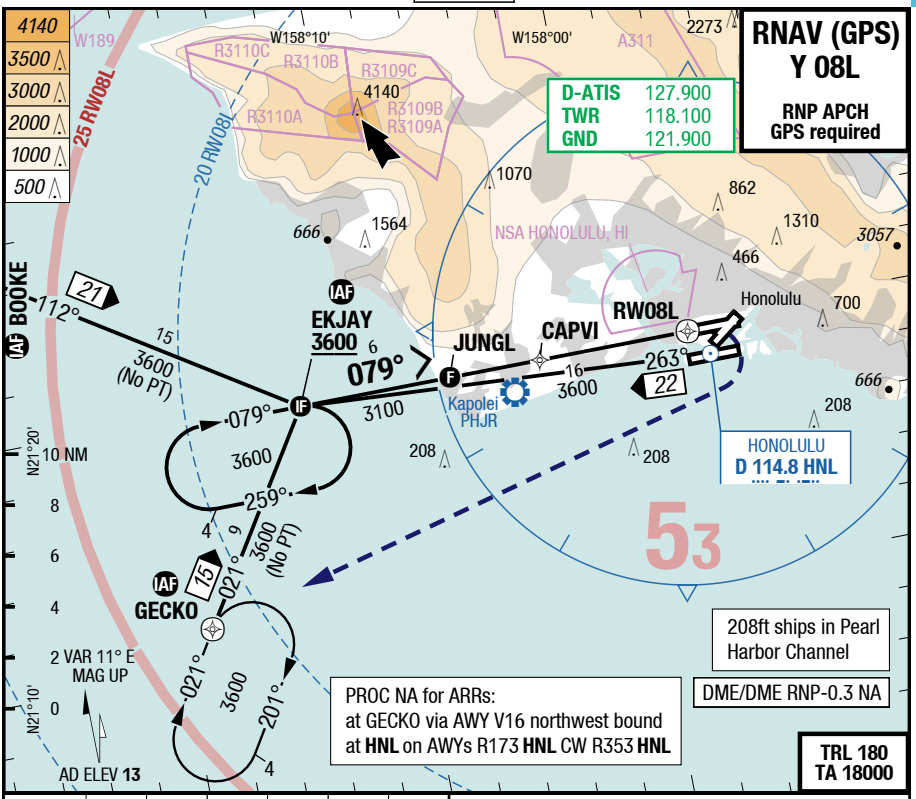
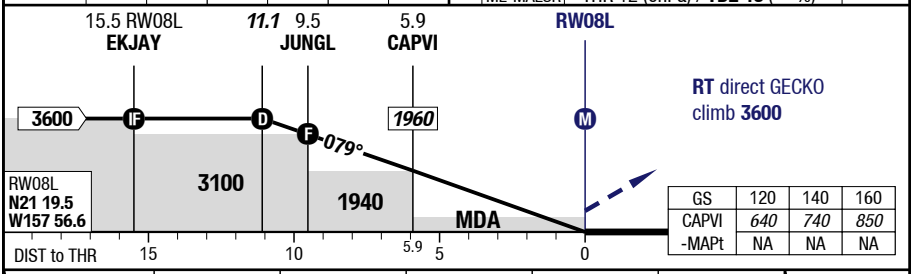
RNAV (GPS) Y 08L



3.00° RW08L	11.1	10	8	6	4	3
	3600	3260	2620	1980	1350	1030

08L — 3.0° — 60 HL — 3749 G 46

ML-MALSR — THR 12 (0hPa) / **TDZ 13** (---%) — 0.0%



GS	120	140	160
CAPVI	640	740	850
-MAPt	NA	NA	NA

TERPS 08L		RNAV GPS LNAV					Circling 1) 2) New TERPS
C	ft - ft/SM ft	450 - 0.88V **460**					750 - 2.25V **760**
D	ft - ft/SM ft	450 - 0.88V **460**					1390 - 3.0V **1400**

1) S of RWY 08L/26R only
2) To RWY 22R HJ only

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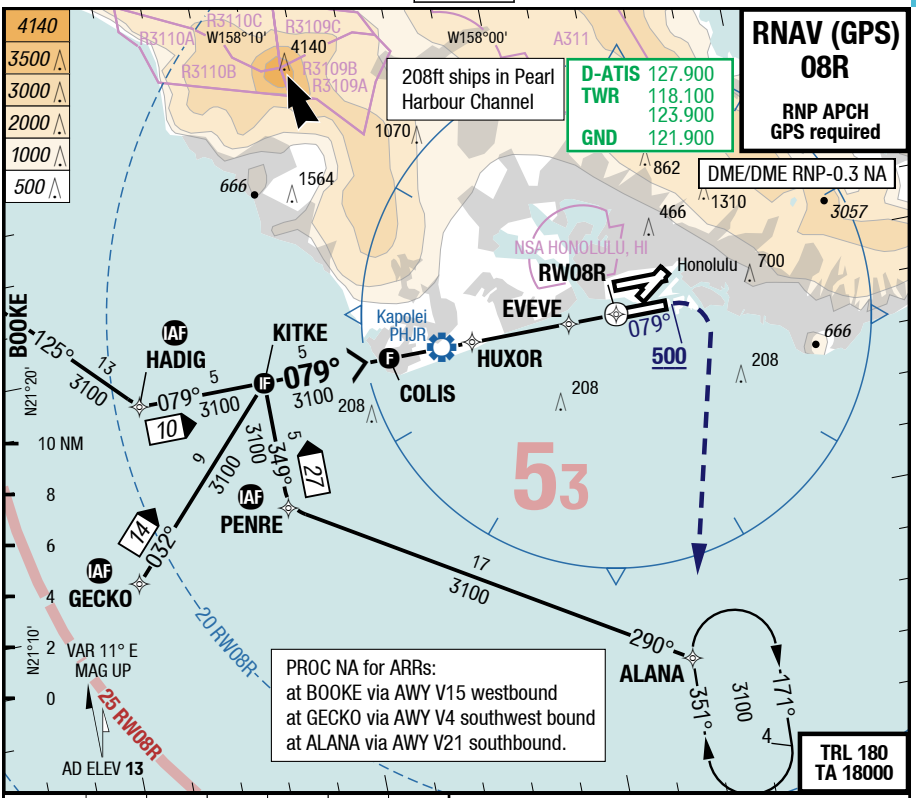
RNAV (GPS) 08R

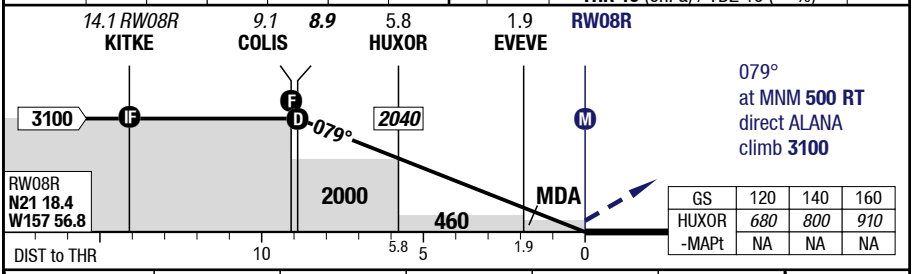


3.22° RW08R	8.9	8	6	4	3	2
	3100	2800	2120	1430	1090	750

08R

3.3°/3.0° 60 HL
3657 G 61

THR 10 (0hPa) / TDZ 10 (---%) 0.0%



079°
at MNM **500 RT**
direct ALANA
climb **3100**

GS	120	140	160
HUXOR	680	800	910
-MAPt	NA	NA	NA

08R		RNAV GPS LNAV					Circling 1) 2) New TERPS
C	ft - ft/SM ft	310 - 1.0V **320**					750 - 2.25V **760**
D	ft - ft/SM ft	310 - 1.0V **320**					1390 - 3.0V **1400**

1) S of RWY 08L/26R only
2) To RWY 22R HJ only

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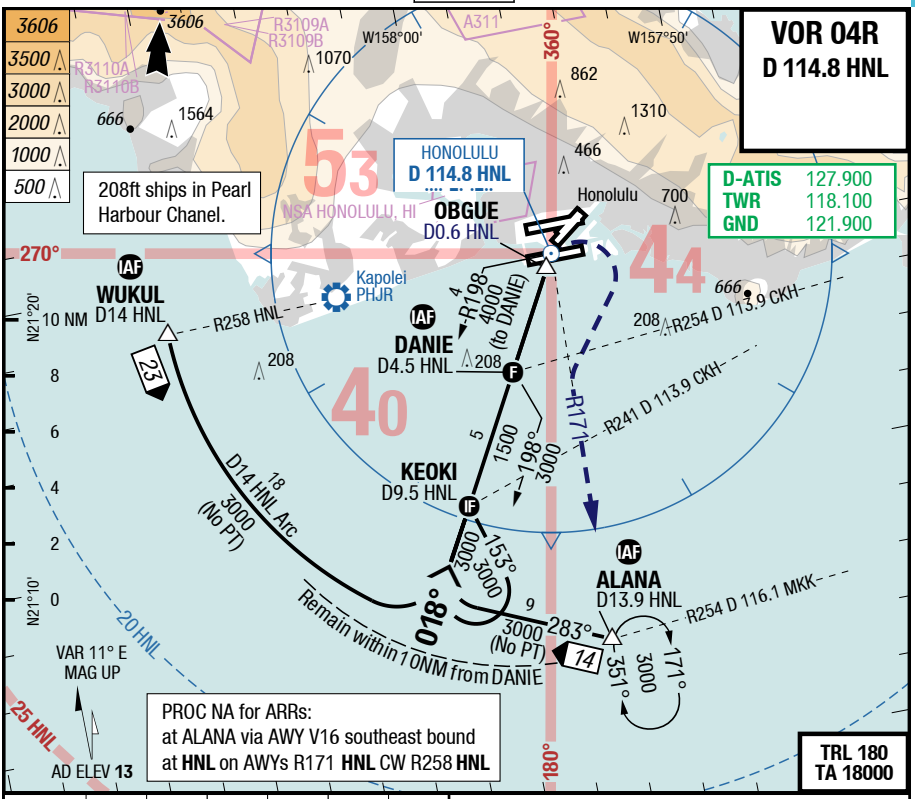
7-150

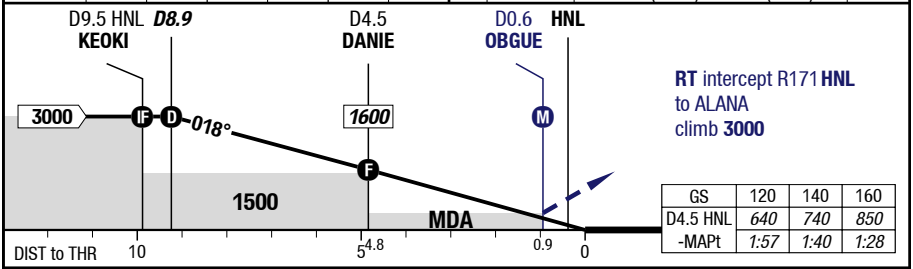
VOR 04R



3.00° D HNL 018° RWY 042°	8.9	8	6	4	3	2
	3000	2730	2090	1460	1140	820

04R ▷ ▷ 3.0° 60 HL 2728 G 46

ML-MALSR THR 8 (0hPa) / **TDZ 9** (---%) 0.0%



GS	120	140	160
D4.5 HNL -MAPt	640 1:57	740 1:40	850 1:28

TERPS 04R		VOR					Circling 1) 2) New TERPS
C	ft - ft/SM ft	460 - 1.25V **460**					750 - 2.25V **760**
D	ft - ft/SM ft	460 - 1.5V **460** 3)					1390 - 3.0V **1400**

1) S of RWY 08L/26R only
2) To RWY 22R HJ only
3) INOP table does not apply

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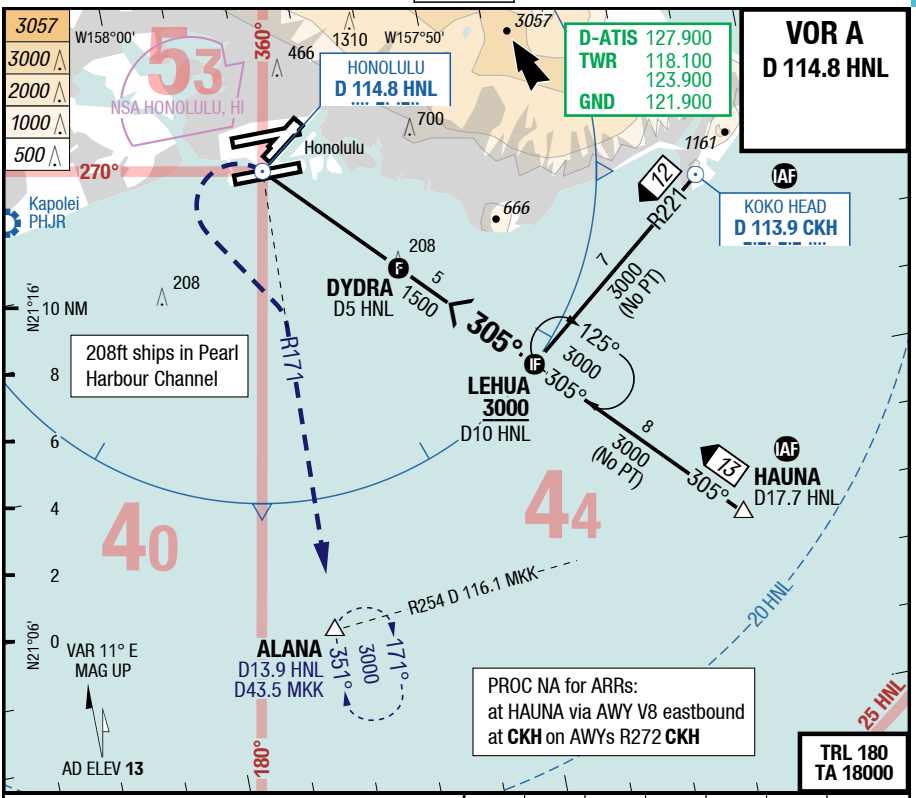
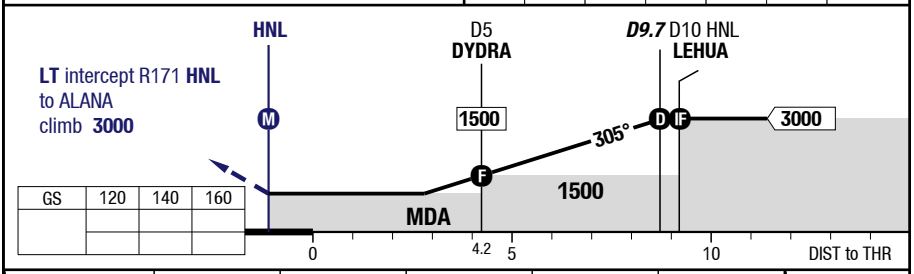
VOR A



See AFC for RWY information and approach light system.



All RWYs							Circling 1) 2) New TERPS
C	ft - ft/SM ft						750 - 2.25V **760**
D	ft - ft/SM ft						1390 - 3.0V **1400**

1) S of RWY 08L/26R only
2) To RWY 22R HJ only

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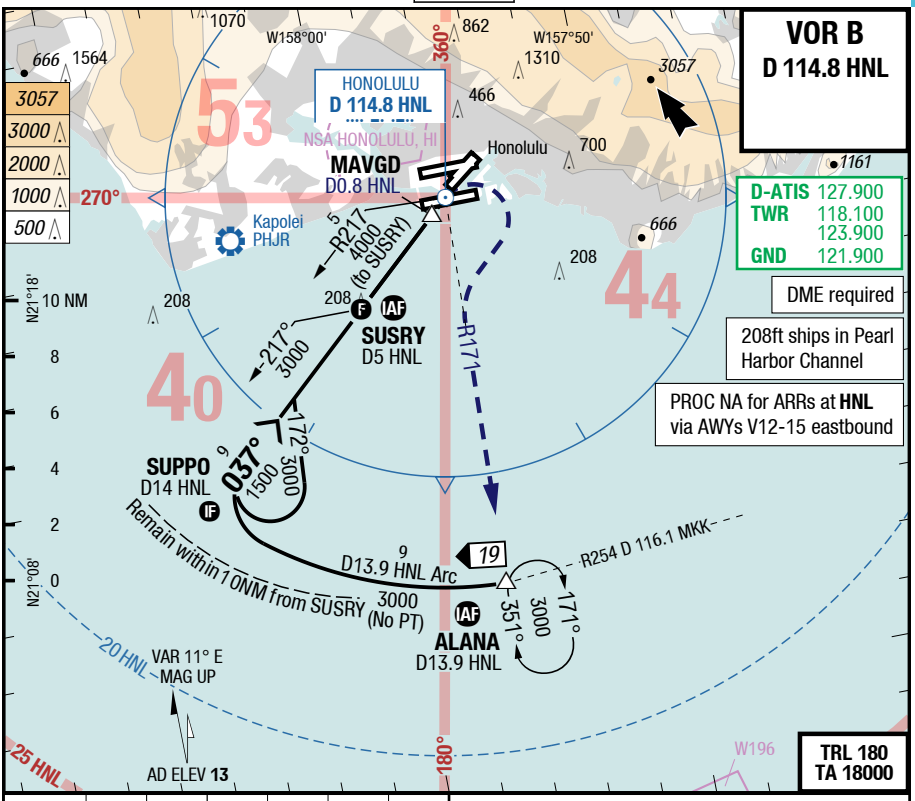
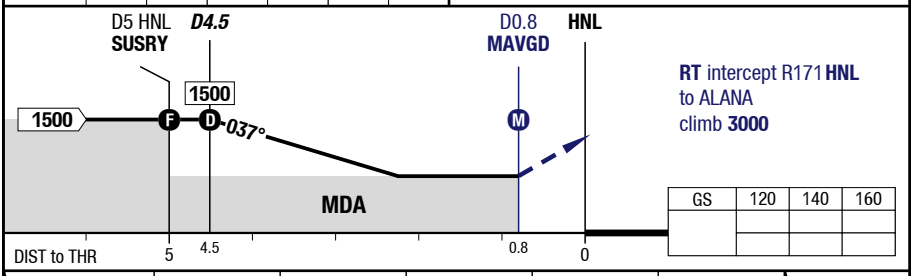
7-170

VOR B



See AFC for RWY information and approach light system.



All RWYs							Circling 1) 2) New TERPS
C	ft - ft/SM ft						750 - 2.25V **760**
D	ft - ft/SM ft						1390 - 3.0V **1400**

1) S of RWY 08L/26R only
2) To RWY 22R HJ only

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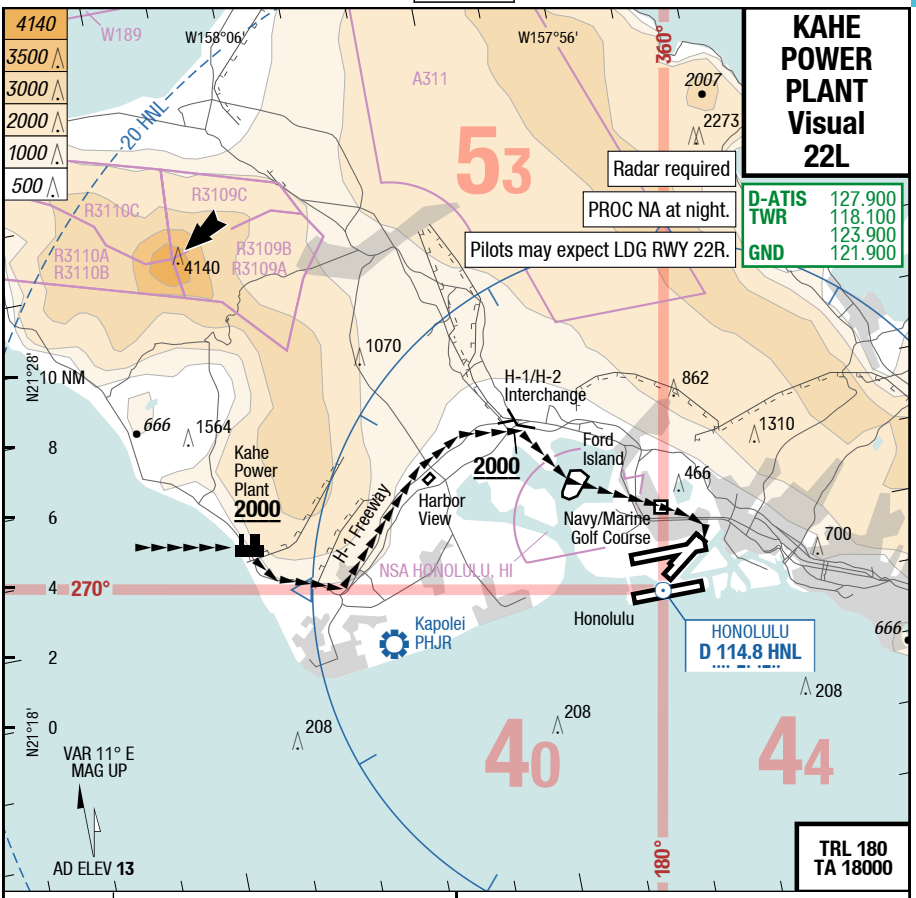
7-180 **KAHE POWER PLANT Visual 22L**



VISUAL

60 HL
46 G 2724
3.4°
0.0% TDZ 9 (---%) / **THR 9** (0hPa)

22L

From west of Oahu, proceed direct to Kahe Power Plant (cross MNM **2000**).
Follow the H-1 Freeway eastbound to the H-1/H-2 Interchange (cross MNM **2000**).
Proceed direct to Ford Island, then to the Navy/Marine Golf Course.
Enter right downwind to RWY 22L.

22L		VISUAL HJ only					Circling TERPS
C	ft - ft/SM ft	C 5100 - 3.0V					Not published
D	ft - ft/SM ft	C 5100 - 3.0V					Not published

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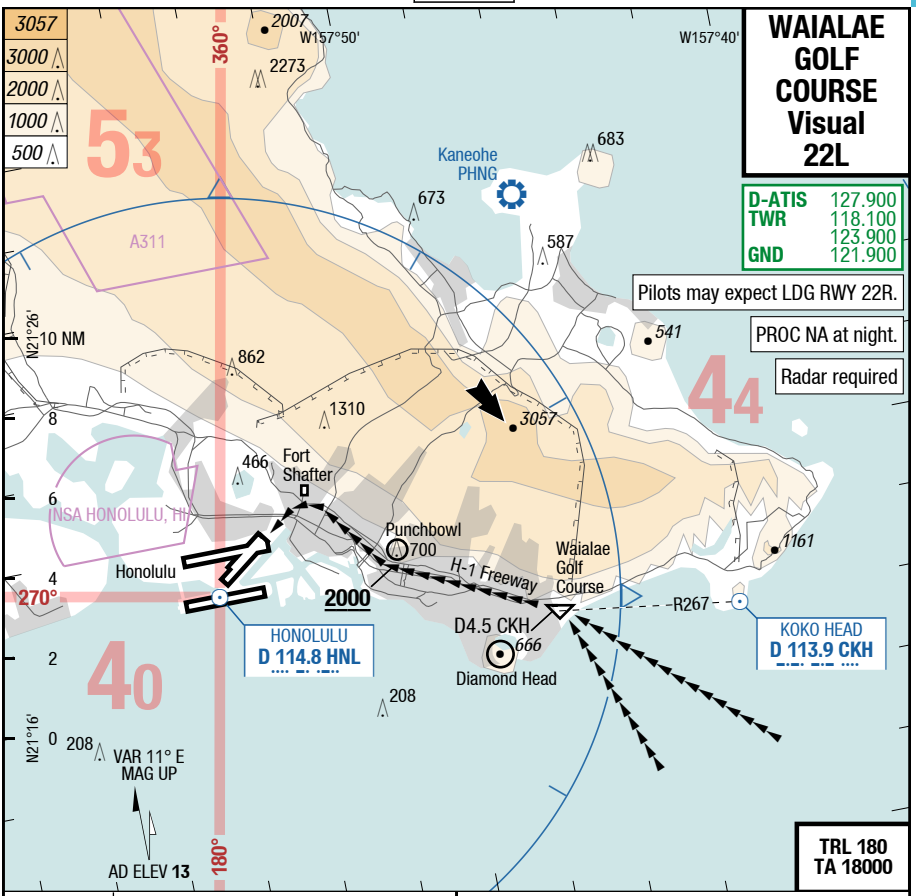

VISUAL

60 HL
46 G 2724
3.4°
0.0%
TDZ 9 (---%) / **THR 9** (0hPa)
22L

From east of Oahu, proceed direct to Waialae Golf Course (R267/D4.5 D 113.9 **CKH**).
Follow the H-1 Freeway westbound.
Until passing Punchbowl MNM **2000**.
Turn final to RWY 22L over Fort Shafter.

22L		VISUAL HJ only					Circling New TERPS
C	ft - ft/SM ft	C 5100 - 3.0V					Not published
D	ft - ft/SM ft	C 5100 - 3.0V					Not published

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