

# GA TUESDAY

## *The Pilot Club*

*"Ua Mau ke Ea o ka 'Āina i ka Pono"*

**MAY 30, 2023**



**WORLD UPDATE XIII: OCEANIA**

Not a TPC Member?! Click [here](#) to join!



- Recommend airplane: single or twin engine 100-150 kts
- Set the weather as you like. Most use live weather with time set back a few hours.
- Moving map GPS: ForeFlight, FltPlan Go, Garmin Pilot.
- Bring your camera and share your pictures in our Discord.

## Suggested add-ons & charts

1. Hawaiian Islands sectional chart
2. Honolulu Inset

FSX/P3d

X-Plane 11

MSFS 2020

			<b>Primary Scenery</b>
		<a href="#">Global AI Ship Traffic For MSFS: GAIST Ultra Version 3</a>	<b>Secondary Scenery</b>
		<a href="#">Scenery Map from Flightsim</a>	<b>Resources &amp; Utilities</b>

## Flight plan

(PHLI|PHBK) DCT PHNG DCT PHMK DCT PHOG

## Alternative flight plan

In case the weather doesn't cooperate for a visual flight here is an IFR route you can file with VATSIM. Plan for your altitude to be **9,000** ft.

### LIHUE

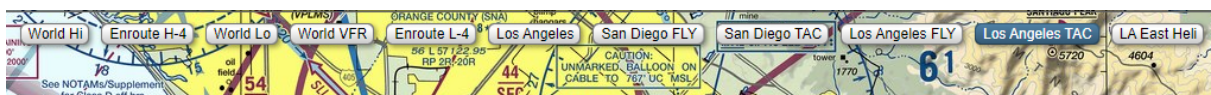
PHLI DCT ZIKAB V15 SHIGI V12 HNL V15  
CKH V15 MKK V15 LORET DCT PHOG

### BARKING SANDS

PHBK DCT SOK DCT LIH V15 SHIGI V12 HNL  
V15 CKH V15 MKK V15 LORET DCT PHOG

Use the briefing section to visualize the route in your electronic flight bag (EFB). The challenge of VFR is to not become *Children of the Magenta*. The Flight Ops team wants you to understand the flight plan and special rules with certain airspace; then execute the plan. Use your charts as reference instead of a crutch.

Use the dynamic charts that are made available in SkyVector to see sectional, TAC, FLY, and other specialized charts for the area.



# PARADISE OF THE PACIFIC!

## Standard briefing

### Barking Sands departure

Depart **BARKING SANDS PACIFIC MISSILE RANGE FACILITY AIRPORT (BKH)** and head southeast (118°) for 11 nm until you reach ELEELE, which is just north of PORT ALLEN AIRPORT. Continue following the coast for another 10 nm to reach the edge of the island. Enter the KAUAI CHANNEL headed southeast (096°) for 68 nm until you reach the next island.

### Lihue departure

Depart **LIHUE AIRPORT (HLI)**, entering the KAUAI CHANNEL, heading southeast (102°) for 64 nm until you reach the next island.

### Remaining legs of the flight

Once you reach KAENA POINT on the west coast of HONOLULU head east (084°) for 13 nm. At that point wind farms should be on your left-hand side. Continue in the same direction for 17 nm for a touch-and-go at **KANEOHE BAY MCAS (HNG)**.

Head southeast (135°) for 11 nm to reach the southeastern edge of the island. Enter the KAIWI CHANNEL heading east (093°) for 23 nm until you reach ILIO POINT on MOLOKAI. Continue southeast for another 10 nm for a touch-and-go at **MOLOKAI AIRPORT (HMK)**.

Continue southeast (102°) for 15 nm until you reach the edge of the island. Enter the PAILOLO CHANNEL and head east (088°) for 14 nm until you reach NAKALELE POINT on MAUI. Head southeast (120°) for 12 nm to our destination at **KAHULUI AIRPORT (HOG)**.

## Weather

As part of the standard briefing, weather conditions should be monitored. Here's a list of reports to consider:

### Adverse conditions

#### Convective

[Convective SIGMETs](#) (WST)

[Convective Watches](#) (WW)

[Graphical AIRMETs](#)

#### Synopsis

#### Weather charts

[Surface Analysis](#)

[Daily US Weather Map](#)

### Current conditions

[METARs](#)

[NWS RADAR Site](#)

[PIREPS](#)

[SATELLITE](#)

## En route forecast

[GFA Tool](#)

[Low Level SIGWX Progs](#)

## Destination forecast

[TAF decoder](#)

[TAFs](#)

## Wind and temps aloft (FB)

[By region](#)

## Aviation notices

[Special Use Airspace](#)

[NOTAM Search](#)

[Notices to Airmen](#)

## ATC delays

[National Airspace System Status](#) (FSS Command Center)

## A bit of realism

We aim to interject real world parameters to the VFR flights. Read and understand the procedures prior to flight. Any questions or comments contact the Flight Ops team or the Discord thread for that event.

1. Read [§ 91.113 – Right-of-way rules: Except water operations](#)
2. Read [§ 91.119 – Minimum safe altitudes: General](#)
3. Read [§ 91.127 – Operating on or in the vicinity of an airport in Class E airspace](#)
4. Read [§ 91.129 – Operations in Class D airspace](#)
5. Read [§ 91.130 – Operations in Class C airspace](#)
6. Read [§ 91.131 – Operations in Class B airspace](#)
7. Read [§ 91.133 – Restricted and prohibited areas](#)
8. Read [§ 91.159 – VFR cruising altitude or flight level](#)
9. Read [§ 91.179 – IFR cruising altitude or flight level](#)
10. Read [§ 91.215 – ATC transponder and altitude reporting equipment and use](#)
11. Read [§ 99.49 Hawaii ADIZ](#)

## Restricted airspace

- Class Bravo at Daniel K Inouye International Airport
- Class Charlie at Kahului Airport
- Class Delta at:
  - Pacific Missile Range Facility, Barking Sands
  - Lihue Airport
  - Marine Corps Air Station Kaneohe Bay
  - Molokai Airport
- Air Defense Identification Zone for Hawaii

## Airport information

Take a few minutes to become familiar with the airport, the runway diagrams, etc. Most of the information can be found on Skyvector's site. Each airport links to their respective pages.

## Departure

Name	ICAO	Elevation <sup>1</sup>	Runways
<a href="#">Pacific Missile Range Facility, Barking Sands</a>	PHBK <a href="#">NOTAM</a>	23 ft	16/34

**Pacific Missile Range Facility** is the world's largest instrumented, multi-dimensional testing and training missile range. The US military and its contractors favor its relative isolation, ideal year-round tropical climate and encroachment-free environment. It is the only range in the world where submarines, surface ships, aircraft and space vehicles can operate and be tracked simultaneously.

Name	ICAO	Elevation <sup>2</sup>	Runways
<a href="#">Lihue Airport</a>	PHLI <a href="#">NOTAM</a>	152 ft	03/21, 17/35, H1, H2, H3

**Lihue Airport** does not serve as a hub for any airline carrier. Numerous inter-island flights are available daily and major US and Canadian airlines operate flights on narrow-body aircraft to major cities in western mainland North America. The airport is mostly un-walled and open-air, and the check-in is completely outside. The airport is the primary gateway to Kauai for visitors (especially tourists), and has several rental car facilities.

## Touch and go

Name	ICAO	Elevation <sup>1</sup>	Runways
<a href="#">Marine Corps Air Station Kaneohe Bay</a>	PHNG <a href="#">NOTAM</a>	23 ft	04/22

The United States Army acquired 322 acres of the peninsula when President Woodrow Wilson signed executive order 2900 establishing the Kuwaaaohe Military Reservation. Little is known about the operations of the fort, however, at the end of World War I, the military property was leased for ranching. In 1939, Kuwaaaohe was reactivated, subjected to many name changes to include Camp Ulupa'u, and eventually named Fort Hase. Prior to and during World War II, Fort Hase grew from a humble beginning as a defense battalion to a major unit of the Windward Coastal Artillery Command. U.S. Navy planners began to eye the peninsula in 1939 as the home of a strategic seaplane base.

## Arrival

Name	ICAO	Elevation <sup>1</sup>	Runways
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<sup>1</sup> All elevations are indicated as feet mean sea level.

<sup>2</sup> All elevations are indicated as feet mean sea level.

<a href="#">Kahului Airport</a>	PHOG <a href="#">NOTAM</a>	55 ft	02/20, 05/23, H1
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**Kahului Airport** is the main airport of Maui in the State of Hawaii, located east of Kahului. Most flights into Kahului Airport originate from Daniel K. Inouye International Airport in Honolulu; the Honolulu–Kahului corridor is one of the heaviest-trafficked air routes in the US, ranking 13th in 2004 with 1,632,000 passengers. Construction started on Naval Air Station Kahului in 1942. After the war, extensive negotiations between the Territory of Hawaii and the Navy resulted in the airbase being turned over to the Hawaii Aeronautics Commission. The Kahului Airport began commercial airline operations in June 1952.

## VATSIM

One of the goals during the flight is to have air traffic control support from real people through the VATSIM network. Register for a free account at [vatsim.net](https://vatsim.net) and complete the new member orientation in order to join the network.



When filing a flight plan with VATSIM make sure to add the following remarks to help support the club and increase our presence on the network.

**/RMK OPERATED BY THEPILOTCLUB.ORG**

## Additional flights

Every **first Tuesday** of the month we will embark on touring the United States one state at a time. The goal is to visit the capital and/or famous landmarks of each state. Every **third Tuesday** of the month we will kick back and relax with a Caribbean tour. The goal is to make it from Trinidad to Florida.

## Flight Operations Team

- Andrew Crossin, TPC826
- Dylan, TPC1496
- Ethan B, TPC558
- Greg A, TPC810
- Jude, TPC801
- Lucas, TPC11
- Marc, TPC444
- Mike, TPC1079

*SUNDAY-FUNDAY*

*BUSH / STOL*

*FRIDAY NIGHT OPS*

*FLIGHT OPS TEAM LEAD*

*CHALLENGE FLIGHTS*

*WORLD TOUR*

*GENERAL AVIATION*

*DISCOVERY FLIGHT*

For more information about this organization visit [thepilotclub.org](https://thepilotclub.org). There is also good information on the [Standard Operating Procedures](#) page. We also have a very active Discord server.

## References

1. [https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/digital\\_products/vfr/](https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/vfr/)
2. <https://notams.aim.faa.gov/notamSearch/nsapp.html#/>
3. <https://tfmlearning.faa.gov/publications/atpubs/NTM/not0503.html>
4. <https://www.thinkaviation.net/notams-decoded/>
5. <http://www.moratech.com/aviation/notam-abbrev.html>
6. <https://www.aviationweather.gov/briefing>
7. <https://www.flightsimulator.com/world-update-xiii-oceania-now-available/>
8. <https://sloganshub.org/hawaii-slogans/>