

IMPACT STATEMENT • RIMPAC 2022

TO: Western Service Center, Operations Support Group, WSC AT Representative

DATE: June 9, 2022

FROM: Honolulu Control Facility
Prepared by: Antonio Carrilho STMC/OS

SUBJECT: RIMPAC 2022 Impact Statement

1. DESCRIPTION:

Rim of the Pacific (RIMPAC) is a large scale, biennial multinational military exercise conducted within the seas and airspace in and around the Hawaiian Islands. This year's exercise includes forces from Australia, Brunei, Canada, Chile, Colombia, Denmark, Ecuador, France, Germany, India, Indonesia, Israel, Japan, Malaysia, Mexico, Netherlands, New Zealand, Peru, The Republic of Korea, The Republic of the Philippines, Singapore, Sri Lanka, Thailand, Tonga, the United Kingdom, and the United States.

With 26 nations actively participating in this year's event, RIMPAC 2022 is being promoted as the world's largest multinational maritime military exercise.

RIMPAC air activities will take place primarily within Special Use Airspace (SUA) which includes *Warning Areas*, *Restricted Areas*, *Air Traffic Control Assigned Airspace* (ATCAA's), and *Altitude Reservations* (ALTRV's) in Honolulu Control Facility (HCF) airspace.

2. SCHEDULED DATES/TIMES.

RIMPAC 2022 exercises will start on June 29, 2022 and end on August 4, 2022. Most of the flying will be scheduled between July 11, 2022 – August 3, 2022.

Generally, airspace surface to FL600 will be active between 1700 and 0800 UTC (0700L-2200L HST) daily. Air activities outside of these time periods will generally be limited to operations at or below 12,000 feet MSL with the following EXCEPTIONS:

- MILU E, MELA S, W-192/3/4 which will remain surface/floor of controlled airspace to FL600 24/7.
- W189B/W190 1700 – 2100 UTC (0700-2100L HST) SFC – FL600
- W189B/W190 2100 – 0100 UTC (1100-1500L HST) SFC – 7,000 feet MSL.
- W189B/W190 0100 – 0800 UTC (1500-2200L HST) SFC – FL600.
- W189B/W190 0800 – 1700 UTC (2200-0700L HST) SFC – 12,000 feet MSL.

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3. OPERATIONAL IMPACT:

The major portion of RIMPAC activities will be contained within SUA's which include all warning and restricted areas in the Hawaiian Island areas, ATCAA's and ALTRV's SUMMER2, SUMMER3. These selected SUA's were designed to allow the military to accomplish their mission/goals while minimizing impact to other non-participating user groups.

The areas within close proximity to the Hawaiian Island which include the local preferred arrival and departure route system are excluded from military airspace reserved for major RIMPAC activities. Additionally, the CEP routes will not be affected.

Warning areas W188A/B, R3101, and W186 are currently used on a regular basis by the Pacific Missile Range Facility (PMRF) on Kauai. Daily coordination between HCF and ZOA for this is currently in place and will not require special procedures during RIMPAC. Users of TRACKS 11/12 and TRACKS A/B to/from HAWAII/FAR EAST will notice a slight increase in routings around PMRF airspace due to greater use by the military of these areas and the activation of ALTRV SUMMER2 and ALTRV SUMMER3.

ATCAA NALU lies in the area north of OAHU and will be used at and below FL290 during RIMPAC. This area will affect user's flight planning for FL290 and below to/from the Pacific Northwest. HCF will provide vectors around ATCAA NALU, traffic permitting, allowing aircraft at or below FL290 to use A331 (Aircraft flight planned for altitudes above FL290 will not be impacted). Oakland ARTCC has the option of rerouting aircraft inbound to Hawaiian Island Airports below FL290 around ATCAA NALU.

ATCAA's MAHI and HAKA will affect aircraft flight planned at all altitudes to/from the Pacific Southwest. When activated, aircraft can expect to be routed around these areas. MELA North, Central, and South areas will provide additional impact to these aircraft. Flights may experience additional routing around these areas.

Flights to/from Tahiti, Fiji and Samoa may be impacted due to activation of ATCAA's LUNA West, Central and East. An additional 38 flight miles may be required when these reroutes are in effect.

The movement of the aircraft carrier will be one of the driving forces behind the use of scheduled SUA's. The preliminary pattern of the carrier's movement will be from the South to the Northwest, then back to the South.

Airport Arrival Rates (AAR) will not be affected by activation of additional SUA's in support of RIMPAC

Approximately 170+ additional military aircraft will be operating in the area. Preliminary figures indicate approximately 50 additional aircraft, including a mix of tanker, fighter, surveillance, and turbo prop aircraft, will be based at Hickam during RIMPAC. Approximately 20 additional aircraft will be based at Kaneohe Bay. The remaining aircraft will be based on ships or air bases outside the State of Hawaii.

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4. DELAYS:

The implementation of additional SUA's in support of RIMPAC is not anticipated to create any additional departure and/or arrival delays. Reroutes for aircraft to/from the Pacific Southwest when ATCAA LUNA West/Central/East, MAHI, HAKA, MELA South/North/Central are active.

It is anticipated that delays exceeding 15 minutes will not be incurred due to the additional airport activity at Hickam and Kaneohe as a result of the increase in aircraft.

Barriers are present on three of the four HNL runways. If a barrier engagement is necessary, the runway will normally be unavailable for use for approximately 45 minutes while Hickam personnel reset the barrier. This action could result in recordable delays in excess of 15 minutes.

5. TRAFFIC MANAGEMENT INITIATIVES (TMI's):

HCF TMU will be issuing traffic flow management messages in conjunction with the airspace NOTAMs for ATCAA's and ALTRV's at least 24 hours in advance. Oakland ARTCC has been advised of the RIMPAC events and will be issuing reroutes as outlined in the NOTAMs.

The HNL AAR and ADR are contained in the table below:

| RWYS IN USE/CONDITIONS | AAR | ADR |
|-------------------------------|------------|------------|
| RWYS 4/8 VMC | 56 | 60 |
| RWYS 4/8 IMC | 32 | 55 |
| RWYS 4/8 MVMC | 40 | 55 |
| RWYS 22/26 VMC | 48 | 60 |
| RWYS 22/26 IMC | 21 | 55 |

Due to the additional aircraft based at JBPHH, TMI's will be necessary during peak traffic periods at HNL to ensure demand does not exceed capacity. The HCF TMU will initiate action to implement Traffic Management Initiatives (TMI). These initiatives may include increased in-trail spacing from the HCF enroute sectors, speed control, airborne holding, and ground delays at the outer-island airports.

6. GENERAL INFORMATION:

Attached, is a graphic depiction of the Warning areas, ATCAA's and ALTRVs planned for RIMPAC 2022

Pilot Briefs are scheduled with various RIMPAC participants. Information to be disseminated includes: local ATC procedures, noise sensitive areas, VFR preferred routes, SUA familiarity, and divert procedures.

The success of this event will be achieved based on the efforts put forth by ATC facilities in and around the Hawaiian Islands, FACSFAC, Oakland Center, Western Service Area, military, and civil users. Early

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coordination between affected control facilities and airspace users is essential in preparing for this event. It is important to maintain a positive relationship to ensure success.

Honolulu Control Facility Contact Information:

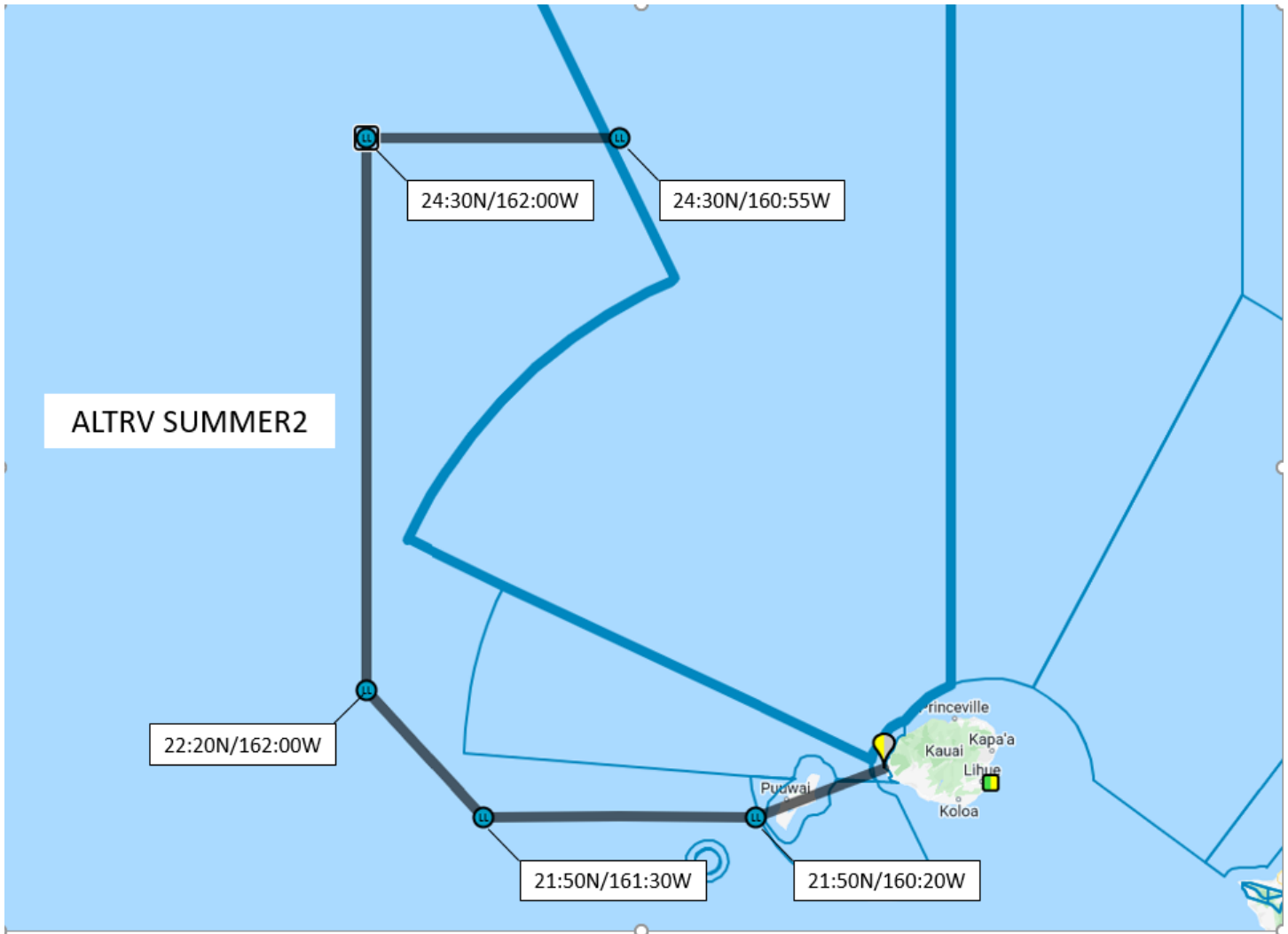
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ATTACHMENT
HCF warning areas and ATCAA

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ALTRV SUMMER 2



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ALTRV SUMMER 3

