

Guideline : Airspace

1. PROHIBITED AREA , RESTRICTED AREA , DANGER AREA

means the airspace declared for an area because area is important or may affect the safety of flight operations Aircraft are generally prohibited from flying. Unless specifically authorized. Which can be divided into 3 main types as follows

1.1 Prohibited Area: An airspace of defined dimensions, above the land areas or territorial waters of a State, within which the flight of aircraft is prohibited. Most of the areas are under the military. or is an area where need for national security the height from the ground to the height is not limited. In such areas, aircraft are not allowed to fly over 24 hours a day.

1.2 Restricted Area: An airspace of defined dimensions, above the land areas or territorial waters of a State, within which the flight of aircraft is restricted in accordance with certain specified conditions. For example the residence area of the royal family or palace , In the area of Bangkok an area with a radius of 19 kilometers from the Victory Monument has been announced. And set the height range from 0 to 3,000 feet as a specific restricted area. Which is called VT R1 Bangkok City, which is a prohibited area. Because it is a community area There are tall buildings and high population density. In which the flight of the actual aircraft can only be flown in the case of a necessary mission. And will have to ask for permission from the Civil Aviation Authority of Thailand for unmaned aircraft or drones and have to flying in accordance with the conditions specified by Thai law

1.3 Danger Area: An airspace of defined dimensions within which activities dangerous to the flight of aircraft may exist at specified time. The effect of the creation of danger area is to caution operators or pilots of aircraft that it is necessary for them to assess the dangers in relation to their responsibility for the safety of their aircraft. For example, it is a Military exercise area or a flight training area. Therefore, the airspace will be defined as a dangerous area (Danger area) when there is an activity that may cause

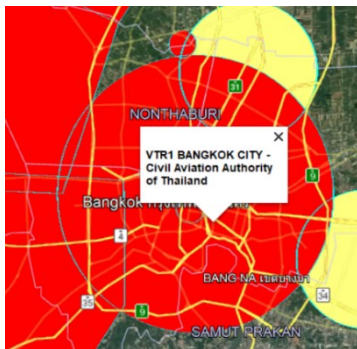
danger to aircraft. It is considered that the pilot in command of the aircraft can avoid the danger by himself. and must be very careful in-flight operations during the specified period

2. Important Information about PROHIBITED AREA , RESTRICTED AREA , DANGER AREA

The vertical and lateral dimensions of prohibited areas are published in national Aeronautical Information Publications (AIPs) together with the hours of operation where applicable. You can see more information via <https://aip.caat.or.th/>

3. Example of PROHIBITED, RESTRICTED, DANGER AREAS

3.1 RESTRICTED AREAS : VT R1 Bangkok City



VT R1 Bangkok City Circle of 10 NM radius centred on point 134554N1003218E	ATL 3000 ft / GND	Type of restriction : Congested Area Nature of hazard, activity : - Time of activity : H24 Permission to entry : Only authorized aircraft by CAAT Inflight information : Don Mueang APP freq 119.4 or Bangkok APP freq 125.8 MHZ or 262.5 MHZ Contact agency : CAAT, Flight formalities department.
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Type of restriction: heavy traffic

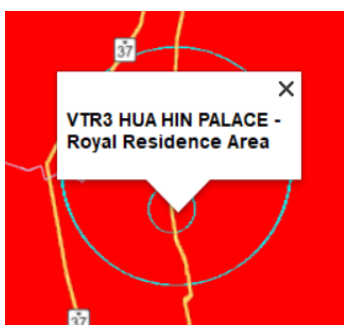
Area radius: 10 nautical miles (18.52 kilometers)

Time of activity: all time

Height: Ground to a height of 3,000 feet or about 914 meters approximately



3.2 RESTRICTED AREAS : VT R3 Hua Hin Palace



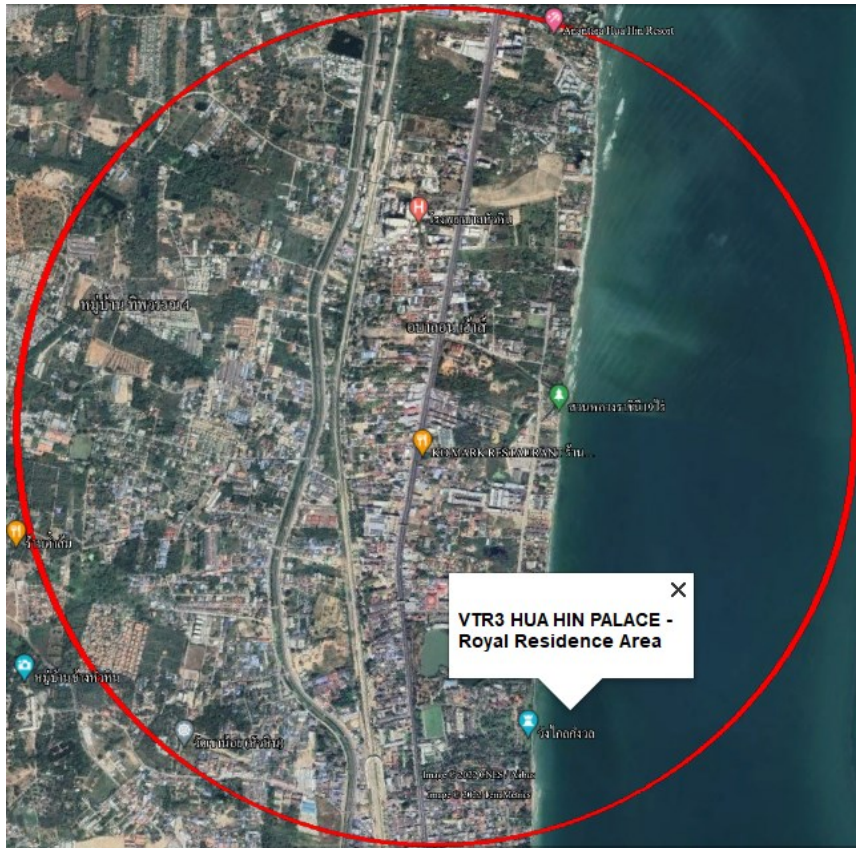
<p>VT R3 Hua Hin Palace Circle of 1 NM radius centred on point 123522.19N 995710.69E</p>	<p>ATL 6000 ft / GND</p>	<p>Type of restriction : Royal Residence Area Nature of hazard, activity : - Time of activity : Notified by NOTAM Permission to entry : As specified condition: 1. Authorized aircraft; or 2. HOSP or MEDEVAC aircraft, prior coordination with ATC is required Any occurrence of entry into restricted area shall be reported to CAAT. Inflight information : Hua Hin Approach, AEROTHAI. Contact agency : CAAT, Air Navigation Service Standards Department.</p>
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Type of restriction: Royal Residence Area

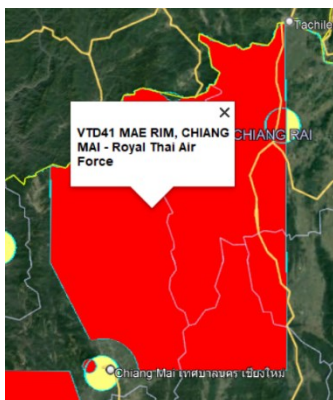
Area radius: 1 nautical mile (1.852 kilometers)

Time of activity: Notified NOTAM (Notice to Air Men)

Height: Ground to a height of 6,000 feet or about 1,828 meters approximately



3.3 DANGER AREAS: VT D41 MAE RIM, CHIANG MAI



VT D41 Mae Rim, Chiang Mai
 Area bounded by lines joining successively the following points : 202700N995400E on Thai-Myanmar border to 184700N 995400E 184700N 990900E then follow the arc 10 NM counter clockwise from Chiang Mai TACAN (184612N985812E) to 185600N985400E 191800N984200E 194600N984200E on Thai-Myanmar border then follow the boundary to the starting point. Excluding Airway W20 between altitude 7500 ft to FL200, Chiang mai TMA and Chiang rai TMA

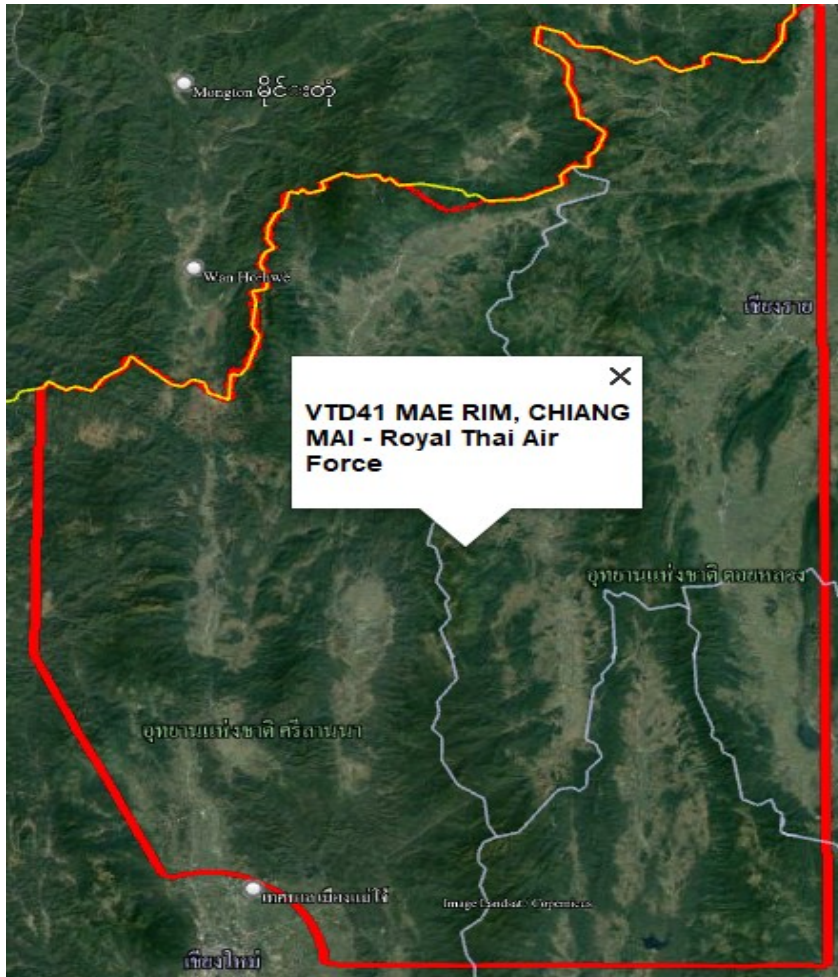
UNL / GND	Type of restriction : RTAF Flying Training Nature of hazard, activity : High speed combat maneuvering Time of activity : Mon - Fri, 0100-1400 Inflight information : FOCAL Control freq. 127.0 MHZ or 331.3 MHZ If unable contact Chiang Mai Approach freq. 129.6 MHZ or 305.4 MHZ Pilots are advised to contact prior to entering. Contact agency : WING 41 Air Traffic control branch Tel.: 025346000 ext 57504, 57503
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Type of restriction: RTAF Flying Training

Time of activity: MON - FRI 08.00 - 21.00 (GMT+7)

Height: Ground to a UNL

Contact agency: WING 41 TEL: 0 2534 6000



3.4 Prohibited AREAS: VT P38 Ko Chang – Ko Khud



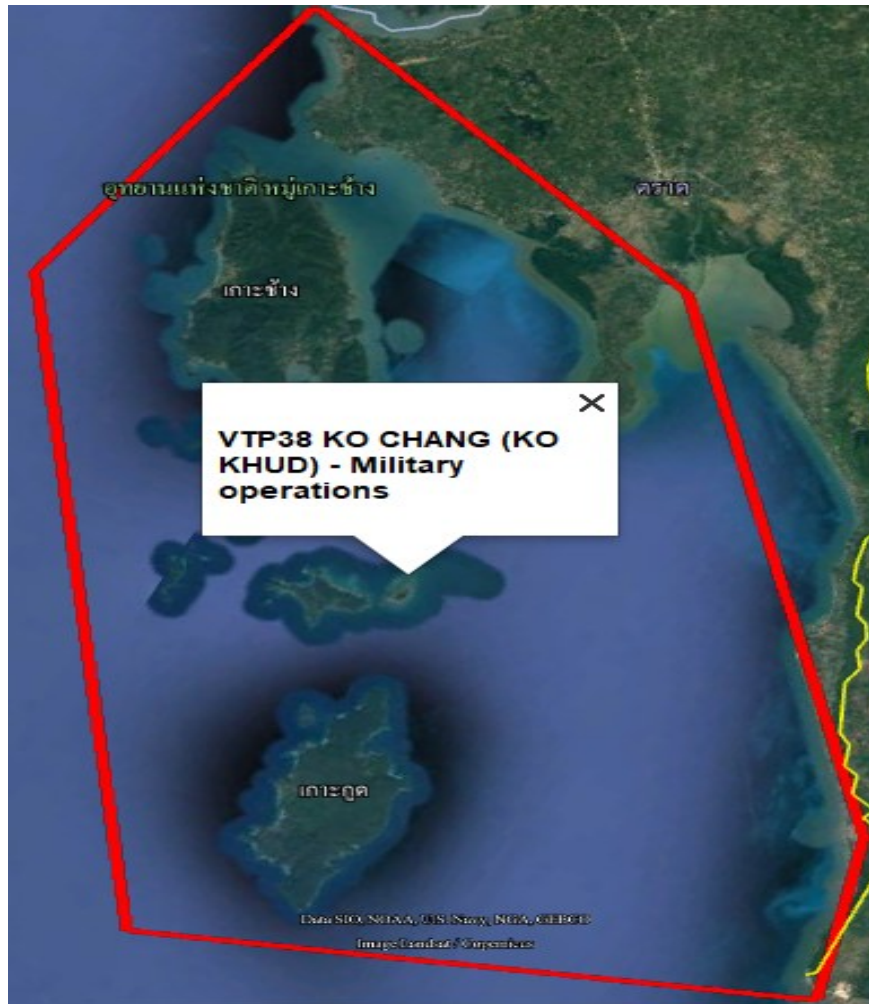
<p>VT P38 Ko Chang - Ko Khud Area bounded by lines joining successively the following point : 121737N1021424E 120945N1023432E 114630N1025324E 113800N1025530E 113000N1023000E 120000N1021100E and 121737N1021424E</p>	<p>ATL 5000 ft / GND</p>	<p>Type of restriction : RTN Area Nature of hazard, activity : Military operations Time of activity : Sunset to sunrise Permission to entry : Only authorized aircraft by RTN Inflight information : Trat Approach freq. 120.25 MHZ Contact agency : Chanthaburi and Trat Border Defense Tel. (039) 312334, 311099</p>
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Type of restriction: Royal Thai Navy Area (RTN Area)

Time of activity: Sunset to Sunrise

Height: Ground to a 5,000 Feet

Contact agency: Chanthaburi and Trat Border Defense TEL: 039 312334, 31109



The areas mentioned above are only part of the PROHIBITED, RESTRICTED, DANGER AREAS. in order to ensure that the flight operations are safe. You can check the prohibited areas by yourself by 2 methods as follows:

1. Download 2 files of prohibited areas (airports and no-fly areas) at the website. https://uav.caat.or.th/vtr1_detail2.php After that, put both files into the Google Earth Pro**, you will be able to easily bring the coordinates or places that you want to fly in the program.

If the area is a restricted area and dangerous areas, you must contact the agency that responsible for that area to request permission to fly, then send the documents to request permission to fly from CAAT