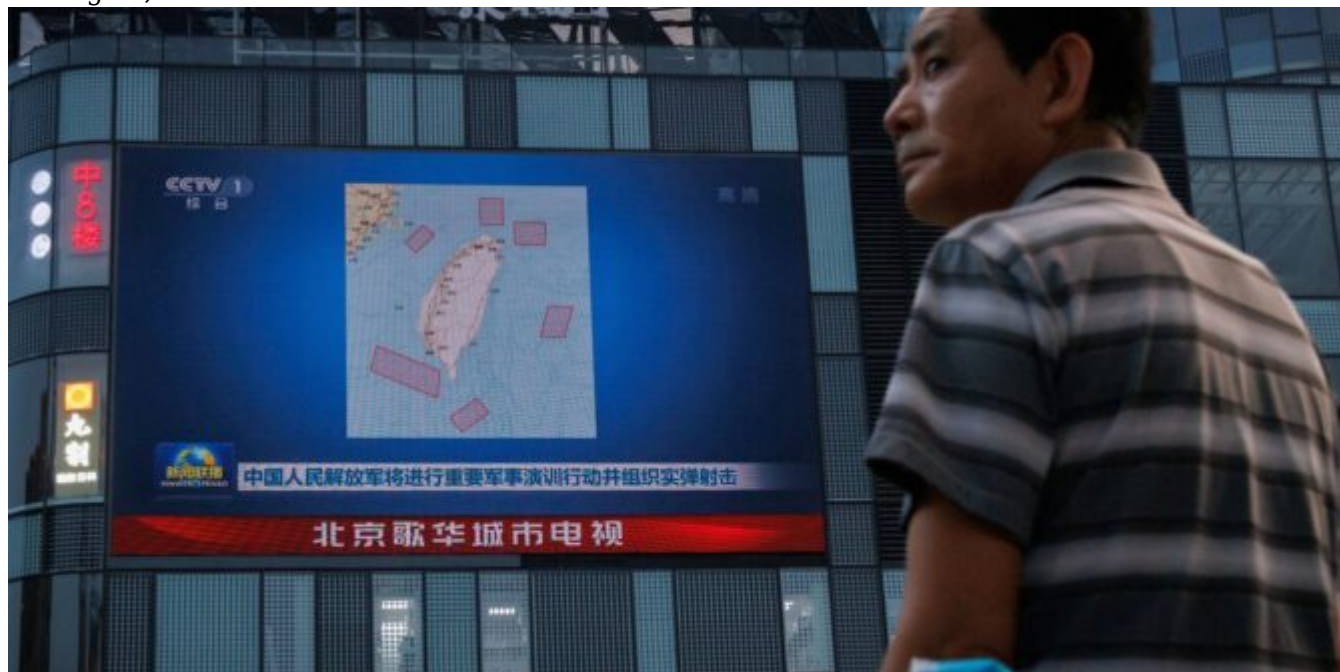


We Need to Talk About China!

OPSGROUP Team

10 August, 2022



China held new drills near Taiwan on Monday, a sign that they may intend to **normalize their military presence around Taiwan**. This came a day after the Chinese military ended their extensive 3-day exercises encircling Taiwan, effectively simulating a blockade.

During those exercises, there were **significant impacts to flight ops in the region**. Xiamen Airlines and Korean Airlines made adjustments to several flights to **avoid the airspace**, Cathay Pacific pilots were reportedly advised to **carry an extra 30 minutes of fuel**, and there were cancellations at **RCTP/Taipei** airport in Taiwan and **ZSAM/Xiamen** and **ZSFZ/Fuzhou** airports in mainland China.

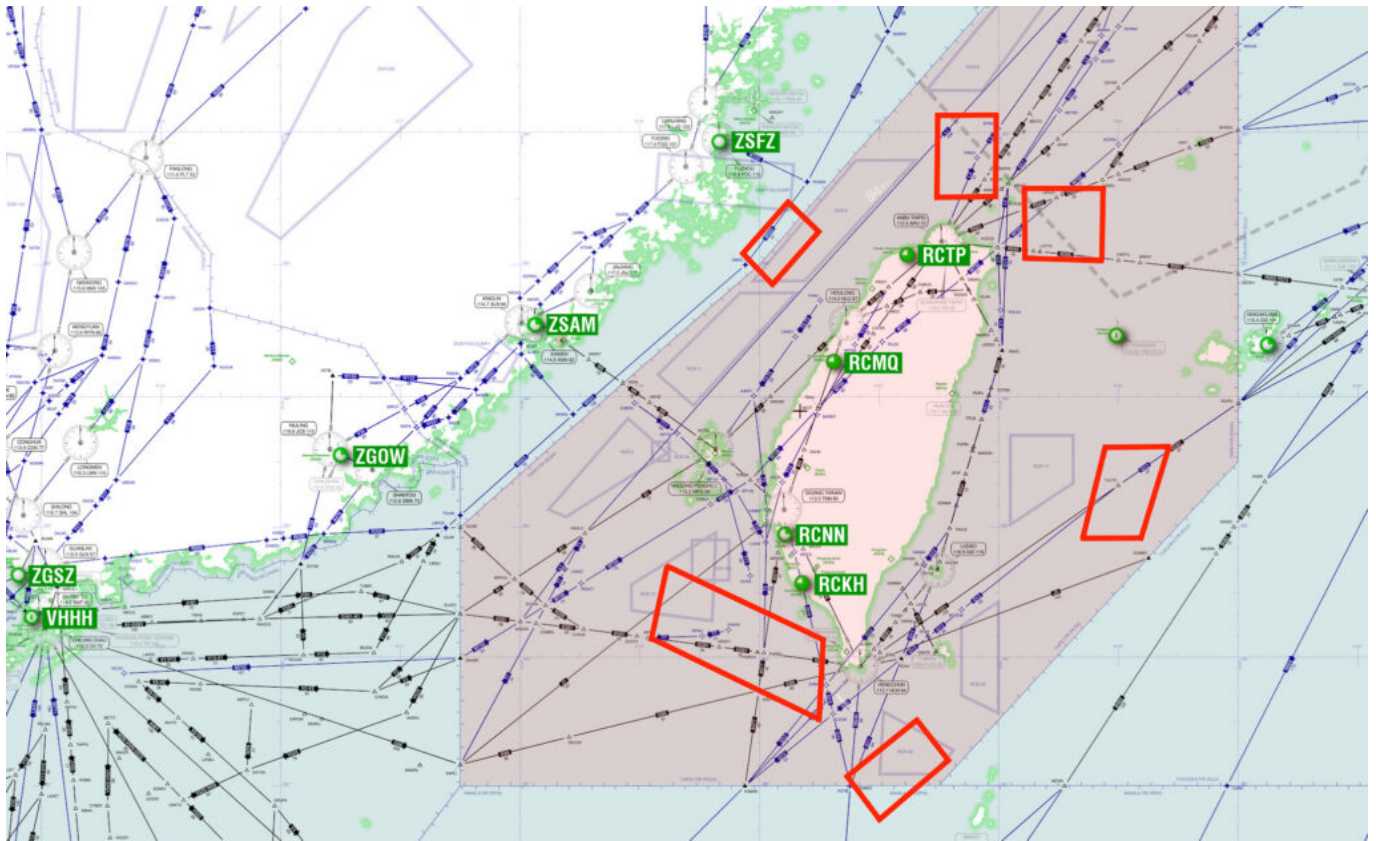
China published **ZBBB Notam A2119/22** which set out the six Danger Areas where **flights were prohibited at all levels**:

A2119/22 - A TEMPORARY DANGER AREA ESTABLISHED BOUNDED BY:

- 1.N251526E1202920-N245030E1200545-N250432E1195122-N252812E1201430
BACK TO START.
- 2.N260700E1215700-N253000E1215700-N253000E1212800-N260700E1212800
BACK TO START.
- 3.N253400E1225000-N250300E1225000-N250300E1221100-N253400E1221100
BACK TO START.
- 4.N225600E1224000-N233800E1225100-N233800E1232300-N225600E1230900
BACK TO START.
- 5.N211400E1213300-N213300E1211800-N210700E1204300-N204800E1205900
BACK TO START.
- 6.N224300E1191400-N221000E1190600-N213300E1202900-N220900E1203200
BACK TO START.

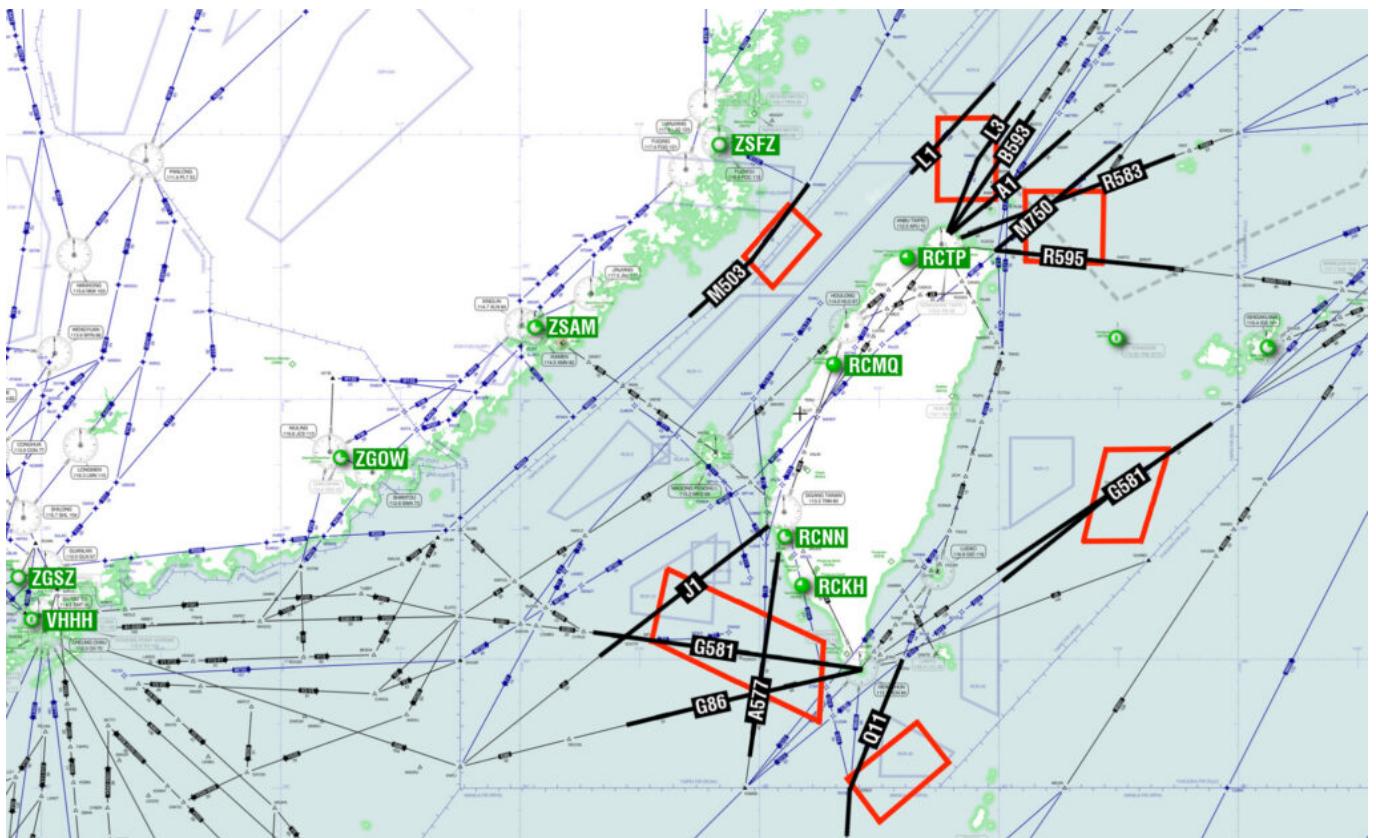
VERTICAL LIMITS:SFC-UNL. ALL ACFT ARE PROHIBITED TO FLY INTO THE
AREA. SFC - UNL, 04 AUG 04:00 2022 UNTIL 07 AUG 04:00 2022. CREATED: 02 AUG
15:03 2022

Here they all are, plotted on a map:



Red squares = Danger Areas. Green = Airports. Shaded red area = RCAA/Taipei FIR.

And here are all the main airways that intersect those Danger Areas:



The Danger Areas affected major routes between Southeast Asia and Northeast Asia.

For any future exercises that China announces, if you're planning on transiting the **RCAA/Taipei**,

ZSHA/Shanghai or RPHI/Manila FIRs then make sure you check the ZBBB Notams as it might not show up as part of your flight briefing pack.

Hypersonic missile launch

China launched **an unannounced hypersonic missile** on Aug 1 (we could not find any Notams for it). This marked the 95th anniversary of the Peoples Liberation Army being founded, and coincided with an announcement from the US that they might visit Taiwan.

The missile was **only fired towards Taiwan**, falling some 120km off the coast into the Taiwan Strait.

Taiwan-China procedures

Specific procedures regarding international flights into Taiwan have existed for years, and you can find more in-depth information on these here, and a post on general tips for China Ops here.

A brief summary:

- Foreign registered aircraft are prohibited from operating directly between China and Taiwan.
- If you need to make a tech stop between the two, VHHH/Hong Kong or VMMC/Macau are good options.
- The same rules apply for China overflights - if you're flying to Taiwan from any third country, you can't overfly China.
- Only Chinese and Taiwanese registered aircraft are able to operate directly between China and Taiwan.

Because of these, the airspace over the Taiwan Strait is not hugely busy and the missile posed a limited risk to aircraft.

Heightened military activity

China have been showing heightened military activity in and around the **South China Sea**, ownership of which is disputed by neighbouring countries. This is not directly linked with the Taiwan situation, but provides some further political (and flight ops) awareness, particularly because of the strategic military positions China hold in this region.

In addition, China have been carrying out **military drills in various areas**, mainly near the East China and Bohai seas. These **rarely impact flight operations**, with the prohibited zones focused on maritime traffic. However, increased offshore helicopter traffic and some flight disruptions into coastal airports do occur.

China have been increasing their **incursions into Taiwanese airspace** for a while, with a spate of them towards the end of 2021. These **pose some risk to commercial operations** for several reasons - **increased military traffic** being the obvious one. A lesser risk of **misidentification** is heightened as well, along with the potential response if a civilian aircraft accidentally encroaches on out of bounds Chinese military airspace (well, all of it is military, but some of the really 'don't go in there' parts).

What if China shut their airspace?

We are not saying it will.

However, China are initiating a major offensive in Taiwan, and this does draw parallels to Ukraine and

Russia. If the US military becomes involved, this **may lead to sanctions** between the two countries. Some early consideration as to what airspace closures might mean is therefore a good idea.

China is a major air corridor, particularly with Russian airspace currently closed to the US and Europe. Reduced access or closure of the airspace will see **flights routing far further south** via Japan, and potentially across the South China Sea before routing across Thailand, India and Pakistan and the Middle East.

The impacts would be significant for various reasons:

- This will **significantly increase flight times and distances**, and likely be prohibitive for aircraft with lesser range capability (without fuel stops).
- The South China Sea may see **increased risk levels** if China increase their military presence there as well.
- **Summer weather patterns** can create further routing difficulties particularly around the Bay of Bengal area.

Other threats to consider.

The Cyber Threat

Chinese action in terms of cyber security *breaches* have been questioned more than once.

The political stuff

China and the US have a history of 'messy' visas for aircrew already. Further tensions are likely to increase this. Security for certain nationalities will need consideration.

Trade

China is a major trade partner with the US and Europe and sanctions on trade may impact aircraft parts manufacture.