



COVID-19 Pandemic Preparedness

# **ASIA-PACIFIC ATM/ATFM STATUS UPDATE**

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## About This Document

During the time of COVID-19 global pandemic, air transportation continues to be necessary despite the low passenger traffic demand. As non-passenger traffic continues to provide the much-needed global deliveries of supplies, aids, and reliefs; so too must the ATM community continue to *keep the skies open and ready*. As a backbone of aviation, it is important that ATM providers in the region collaborate and share information on their ATM status; both to inform stakeholders the *readiness of the skies* and to ensure the region has a common view of preparedness for traffic demand.

**This document provides ATM status and ATFM outlook from Asia-Pacific ANSPs for situational awareness purpose.** Information provided include, e.g., ATM status at various resources, ATS unit staffing levels, runway operations, and expected ATFM measures. This document provides situational awareness for the ATM community and aviation stakeholders alike.

## Document Administration

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## Important Notice

1. The information contained herein is provided by participating States/Administrations only and does not necessarily include information from all States/Administrations. This is an *interim* measure to ensure preparedness in time of COVID-19 pandemic only and will not be a normal means of information exchange in the long-term.
2. The information contained herein is for situational awareness purpose only. ANSPs, Aircraft Operators, and Aerodrome Operators must always check for operational information from authoritative sources (NOTAMs and other information promulgated by relevant authorities) before planning their operations.
3. This document focuses on ATM resource status and ATFM outlook. For more information on flight-related government restrictions, consult IATA's Government Measures Related to Coronavirus webpage (<https://www.iata.org/en/programs/safety/health/diseases/government-measures-related-to-coronavirus/>)

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## Checklist

States/Administrations (FIR)		Update
<a href="#">Cambodia</a>	Phnom Penh FIR	10 November 2022
<a href="#">China</a>	Sanya FIR	22 April 2020
<a href="#">Hong Kong China</a>	Hong Kong FIR	1 March 2023
<a href="#">French Polynesia</a>	Tahiti FIR	31 July 2020
<a href="#">Indonesia</a>	Jakarta & Ujung Pandang FIRs	1 March 2023
<a href="#">Japan</a>	Fukuoka FIR	1 March 2023
<a href="#">Lao PDR</a>	Vientiane FIR	4 August 2022
<a href="#">Malaysia</a>	Kuala Lumpur & Kota Kinabalu FIRs	26 October 2021
<a href="#">Myanmar</a>	Yangon FIR	3 December 2020
<a href="#">Philippines</a>	Manila FIR	2 March 2023
<a href="#">Republic of Korea</a>	Incheon FIR	14 February 2023
<a href="#">Singapore</a>	Singapore FIR	2 March 2023
<a href="#">Thailand</a>	Bangkok FIR	2 March 2023
<a href="#">United States</a>	Oakland Oceanic FIR	2 August 2021
<a href="#">Vietnam</a>	Hanoi FIR & Ho Chi Minh FIR	8 December 2022

## Cambodia (Phnom Penh FIR)

Information Updated	10 November 2022
Precis	<ul style="list-style-type: none"> <li>- <b>Aerodrome Operating Hours</b></li> <li>- <b>ATFM Measure</b></li> </ul>
Traffic Demand Situation	<ul style="list-style-type: none"> <li>- Current traffic across PNH FIR 60.3% compared to pre-COVID-19</li> <li>- Landing and take-off 30% compared to pre-COVID-19</li> </ul>
Significant Weather Outlook	<ul style="list-style-type: none"> <li>- Nil relevant</li> </ul>
ATM Status	<p>ATM resource capacity Airspace: operate combined sector (1/2 sectors)</p> <ul style="list-style-type: none"> <li>- VDPP runway capacity 21 VDPP AAR reducing to 5 due to VVIP movement</li> <li>- VDSR runway capacity 13</li> <li>- VDSV runway capacity 7</li> </ul> <p>1. Airport Operating hour</p> <ul style="list-style-type: none"> <li>➤ VDSR Operating hour from 01 November 2022 to 31 December 2022, 2300 UTC to 1600 UTC. (NOTAM A0127/22)</li> <li>➤ VDSV Operating hour from 01 October 2022 to 25 December 2022: <ul style="list-style-type: none"> <li>- From 0001 UTC to 1200 UTC (NOTAM A0111/22)</li> </ul> </li> </ul>
ATFM Measure Outlook	<ul style="list-style-type: none"> <li>- ATFM measure during ASEAN Summit 2022 from 8 to 14 November 2022 (Ref: NOTAM A0145/22 – A0149/22)</li> <li>- Temporary Flight Restriction (TFR) and Air Defense Identification Zone (ADIZ) at VDPP from surface to FL180 on 12 - 13 November 2022</li> </ul>
COVID-19 Flight Restrictions	<ul style="list-style-type: none"> <li>- Nil</li> </ul>
COVID-19 Entry Restrictions	<ul style="list-style-type: none"> <li>- Nil</li> </ul>
Other Related Information	<ul style="list-style-type: none"> <li>- Nil</li> </ul>
Links	<p><a href="https://www.mfaic.gov.kh/covid-19">https://www.mfaic.gov.kh/covid-19</a>  <a href="http://www.civilaviation.gov.kh/en/">http://www.civilaviation.gov.kh/en/</a>  <a href="http://www.cats.com.kh/">http://www.cats.com.kh/</a></p>

## China (Sanya FIR)

<b>Information Updated</b>	<b>22 April 2020</b>
<b>Precis</b>	No change
<b>Traffic Demand Situation</b>	<ul style="list-style-type: none"> <li>- International flights: significant traffic reductions (70-80%)</li> <li>- Domestic flights: traffic reductions (15-25%)</li> <li>-</li> </ul>
<b>Significant Weather Outlook</b>	Nil relevant
<b>ATM Status</b>	<ul style="list-style-type: none"> <li>- Reduced staffing levels at Sanya ACC due to low traffic demand</li> </ul>
<b>ATFM Measure Outlook</b>	No ATFM measure expected
<b>COVID-19 Flight Restrictions</b>	No flight restrictions in effect
<b>COVID-19 Entry Restrictions</b>	<ul style="list-style-type: none"> <li>- No restriction for the flights overflying Sanya FIR</li> <li>- Non-residents will be denied entry to the country</li> </ul>
<b>Other Related Information</b>	(n/a)
<b>Links</b>	

## Hong Kong China (Hong Kong FIR)

<b>Information Updated</b>	<b>1 March 2023</b>
<b>Precis</b>	<b>Traffic Demand Update</b> <b>ATM Status Update</b>
<b>Traffic Demand Situation</b>	<ul style="list-style-type: none"> <li>- Some sign of recovery for traffic in/out HKIA but still around <b>50%</b> reduction comparing to pre-COVID level. For traffic transiting HK FIR, it is around <b>60%</b> reduction.</li> <li>- Local airlines have resumed some operations but still maintain a reduced schedule in March 2023</li> </ul>
<b>Significant Weather Outlook</b>	<ul style="list-style-type: none"> <li>- For latest aviation weather forecast, please go to Hong Kong Observatory <a href="https://www.hko.gov.hk/en/aviat/amt/amsmain.htm">https://www.hko.gov.hk/en/aviat/amt/amsmain.htm</a></li> </ul>
<b>ATM Status</b>	<ul style="list-style-type: none"> <li>- Closure of RWY at VHHH for construction work (For schedule, REF AIP SUP 16/22.</li> <li>- Dual RWY – MAX. AAR: 35 FLT/hr, MAX. ADR: 35 FLT/hr</li> <li>- Single RWY – MAX. AAR: 18 FLT/hr, MAX. ADR: 18 FLT/hr</li> <li>- <b>Flight Check on Mar 10 – 21</b></li> <li>- All sectors fully operational</li> </ul>
<b>ATFM Measure Outlook</b>	Nil
<b>COVID-19 Flight Restrictions</b>	Nil
<b>COVID-19 Entry Restrictions</b>	<a href="https://www.coronavirus.gov.hk/eng/high-risk-places.html">https://www.coronavirus.gov.hk/eng/high-risk-places.html</a>
<b>Other Related Information</b>	Nil
<b>Links</b>	COVID-19 Thematic Website <a href="https://www.coronavirus.gov.hk/eng/inbound-travel.html">https://www.coronavirus.gov.hk/eng/inbound-travel.html</a> HKSAR Government News Website <a href="https://www.news.gov.hk/eng/index.html">https://www.news.gov.hk/eng/index.html</a>

## French Polynesia (Tahiti FIR)

Information Updated	31 July 2020
Precis	<b><i>French Polynesia has been COVID free for weeks but this is probably temporary since US tourists are accepted and can enter with minimal requirements. Domestic travel has gone back to pre-crisis level. International traffic is resuming very progressively. ATM can offer full capacity, but current capacity is managed to meet traffic demand, markedly lower than normal.</i></b>
Traffic Demand Situation	<ul style="list-style-type: none"> <li>- Domestic traffic is back to pre-COVID levels (90%).</li> <li>- International overflight: reduced by 90%</li> <li>- International incoming traffic is 70% of pre-COVID</li> <li>- VFR demand is 90% of what it was</li> <li>- Recovery assumption: Q4/2021 at the earliest</li> </ul>
Significant Weather Outlook	Nil relevant
ATM Status	<ul style="list-style-type: none"> <li>- All sectors operational, staff available</li> <li>- Full capacity available; staffing currently managed to match traffic demand as much as feasible</li> </ul>
ATFM Measure Outlook	No ATFM measure expected
COVID-19 Flight Restrictions	Prior authorization from French authorities identical to PRE COVID crisis; no remaining additional requirements.
COVID-19 Entry Restrictions	<p>New entry requirements from 15 July 2020 for passengers from Europe and USA:</p> <p>COVID testing 72h before boarding; declaration form to allow tracking during stay in French Polynesia, auto test for COVID-19 to be performed 4 days after arrival and provided to health authorities. Specific quarantine measures planned in case of positive results (none up to 1<sup>st</sup> August).</p>
Other Related Information	<ul style="list-style-type: none"> <li>- Increased level of concern for operational staff in the context of the planned reintroduction of the COVID-19 virus on the French Polynesia territory.</li> </ul>
Links	<p>NOTAMS</p> <ul style="list-style-type: none"> <li>- A0219/20 for NTTT – expect new NOTAM for August</li> <li>- A0208/20 for NTAA – expect new NOTAM for August</li> </ul>



## Indonesia (Jakarta FIR and Ujung Pandang FIR)

<b>Information Updated</b>	<b>1 March 2023</b>
<b>Precis</b>	<b>No Change</b>
<b>Traffic Demand Situation</b>	<ul style="list-style-type: none"><li>- Domestic traffic reduces by 19 %</li><li>- International traffic reduces by 33%</li><li>- Overflying traffic reduces by 30%</li></ul>
<b>Significant Weather Outlook</b>	Nil
<b>ATM Status</b>	ATM Resource Capacities: <ul style="list-style-type: none"><li>- Airspace: All sectors fully operational</li></ul>
<b>ATFM Measure Outlook</b>	Nil
<b>COVID-19 Flight Restrictions</b>	Nil
<b>COVID-19 Entry Restrictions</b>	Nil
<b>Other Related Information</b>	Nil
<b>Links</b>	Refer: <a href="https://www.covid19.go.id/situasi-virus-corona/">https://www.covid19.go.id/situasi-virus-corona/</a> <a href="https://aimindonesia.dephub.go.id/">https://aimindonesia.dephub.go.id/</a>

## Japan (Fukuoka FIR)

<b>Information Updated</b>	<b>1 March 2023</b>
<b>Precis</b>	<b>Traffic Demand Update</b> <b>ATFM Measure Outlook</b>
<b>Traffic Demand Situation</b>	Traffic Demand as of January 2023 <ul style="list-style-type: none"> <li>- 86% compared to pre-COVID-19 in Fukuoka FIR</li> <li>- 95% compared to pre-COVID-19 in RJTT airport</li> <li>- 81% compared to pre-COVID-19 in RJAA airport</li> <li>- 68% compared to pre-COVID-19 in RJBB airport</li> </ul>
<b>Significant Weather Outlook</b>	Nil
<b>ATM Status</b>	Full capacity at all ATM resources
<b>ATFM Measure Outlook</b>	Some ATFM measures for domestic flights
<b>COVID-19 Flight Restrictions</b>	Nil
<b>COVID-19 Entry Restrictions</b>	COVID-19: Current Japanese Border Measures <a href="https://www.mhlw.go.jp/stf/covid-19/bordercontrol.html">https://www.mhlw.go.jp/stf/covid-19/bordercontrol.html</a>
<b>Other Related Information</b>	(n/a)
<b>Links</b>	NOTAM site: <a href="https://aisjapan.mlit.go.jp/Login.do">https://aisjapan.mlit.go.jp/Login.do</a>

## Lao PDR (Vientiane FIR)

Information Updated	4 August 2022
Precis	<ul style="list-style-type: none"> <li>- <b>Traffic Demand Update</b></li> <li>- <b>Weather Outlook</b></li> <li>- <b>COVID-Related Restrictions</b></li> </ul>
Traffic Demand Situation	<ul style="list-style-type: none"> <li>- All local airlines had suspended flight operations since 30 March 2020 until 22 May 2020 in line with the Order of Prime Minister Ref No: 06/PM dated 29 March 2020 and subsequent notices from Prime Minister's Office including Prime Minister Office's Notice No. 1049/PMO, dated 30<sup>th</sup> September 2020 and No. 1202/PMO, dated 31 October 2020. Having said that, the domestic flight operation has been resumed since 22 May 2022 in accordance with COVID-19 Recovery and Preventive Measures. Particularly, temperature check-up is conducted at Terminal's Gate and Check-In Counter.</li> <li>- In overall, 95% reduction in traffic demand in international flights compared to pre-COVID-19, while domestic flights foresees slight growth in demands based on the additional domestic flights in high-demand routes.</li> </ul>
Significant Weather Outlook	Expect summer thunderstorms in Vientiane FIR (all areas)
ATM Status	<ul style="list-style-type: none"> <li>- Staffing is back to work at all ATS units but still follow the COVID-19 Recovery and Preventive Measures</li> </ul>
ATFM Measure Outlook	<ul style="list-style-type: none"> <li>- No ATFM measure expected</li> </ul>
COVID-19 Flight Restrictions	<ul style="list-style-type: none"> <li>- Suspension of all international commercial flights including schedule and non-schedule passenger flights entered into Lao PDR must be subject to the application submitted through the Department of Civil Aviation of the Lao PDR, E-mail: <a href="mailto:laodca@laotel.com">laodca@laotel.com</a> for further consideration.</li> <li>- Domestic flight operations across Lao PDR are permitted without authorizations in line with the preventive and protective measures of National Covid-19 Task Force are met. Provided that travelling passengers must be vaccinated fully under WHO regime before boarding the aircraft.</li> <li>- All In-bound approved flights are strictly urged to collaborate with National Covid-19 Task Force Committee to facilitate and provide advisory information to their passengers in accordance with applicable preventive measures and social distancing during aircraft disembarkation.</li> <li>- Lao and foreign air carriers shall ensure that arrival foreign passengers entering Lao PDR have already</li> </ul>

	<p>installed Lao KYC and received QR code from <a href="http://www.laogreenpass.gov.la">www.laogreenpass.gov.la</a> and relating insurance must be purchased upon arrival by relevant passengers and they shall bear the cost in line with the Notification of Secretariat Covid-19 Task Force Committee No.3018/ສພກ, 02 March 2021 and Directive of National Covid-19 Task Force Committee on Recommended Practice in relation to foreigners who are willing to enter the Lao PDR via international airports and borders, No 4065/TF, dated 05 August 2021.</p> <ul style="list-style-type: none"> <li>- All air carriers entering into Lao PDR shall be subject to preventive and responding measures including penalty and fines in case of negligence or non-compliance of measures imposed by National Covid-19 Task Force Committee and sub-sequential measures by the Department of Civil Aviation of the Lao PDR.</li> </ul>
<p><b>COVID-19 Entry Restrictions</b></p>	<ul style="list-style-type: none"> <li>- The restriction of landing times during 06:00 AM to 06:00 PM is lifted (the measure is no longer valid). However, to optimize technical measures including COVID-19 preventive and protective measures applicable, any international flights entering into the Lao PDR in case of exceptions and pre-authorization of over flight and landing permit are encouraged to land at any international airport in Lao PDR during 06:00 AM to 12:00 PM. For those arrival passengers, the relevant airlines are urged to fill out the list of arrival passengers in line with the template by the competent health authorities before the arrival time.</li> <li>- All tourists and visitors that are listed for Lao Stay Safe and Lao Green Pass campaigns are subject to relevant tour packages approved by Ministry of Information, Culture and Tourism, Ministry of Foreign Affairs and National Covid-19 Task Force Committee. Meanwhile, passengers from countries or transit in countries including diplomats, a staff of any international organization, expert, investor, businessman, technical officer and foreign worker who has essential and urgent need to carry out respective duties at an embassy, activities and projects shall be depending on considerations and approvals from National Covid-19 Task Force Committee.</li> <li>- For Lao nationals who wish to return to Lao PDR, they need to register at the Lao embassy or consulate general at the country of their residence.</li> <li>- Upon receipt of written authorization in relation to a proper visa type, any individual who does not have a</li> </ul>

	<p>valid entry visa to Lao PDR must apply for a visa at the nearest Lao embassy or consulate general at the country of departure. In addition, every individual must have a negative test for Covid-19 certification using RT-PCR endorsed by competent medical institution and has been issued no more than 72 hours prior departure to Lao PDR.</p> <ul style="list-style-type: none"> <li>- Every individual must arrange a government designated hotel for 2 days quarantine and another 5 days quarantine could be performed at their residence after the Negative Result of PCR Test confirmed by the relevant authorities.</li> <li>- Relevant airlines entering into Lao PDR are strongly advised to complete and provide the List of arrival passengers which include necessary information such as full name, passport number, gender, approval number for entry into Laos, COVID-19 Test Result carried out no more than 72 hours before their departure flights to Laos must be Negative (-), contact person and phone numbers in a proper manner.</li> </ul>
<p><b>Other Related Information</b></p>	<p>Please refer to:</p> <ul style="list-style-type: none"> <li>- Pursuant to Prime Minister’s Office’s Notice No. 1049/PMO, dated 30<sup>th</sup> September 2020 and No. 1202/PMO, dated 31<sup>st</sup> October 2020.</li> <li>- Pursuant to the Prime Minister Office’s Notification, No. 258/PMO, dated 1<sup>st</sup> March 2022.</li> <li>- According to the Notice on Travel Advisory for Entering and Exiting Lao PDR No. 2143/MOFA.TF, dated 17 March 2022.</li> <li>- According to Notice from Task Force Committee, MOFA No. 1861/MOFA.TC, dated 31<sup>st</sup> July 2020, in relation to Procedural Advisory on Document and Steps required for seeking authorization for entry and exit of Lao PDR during the implementation of measures to prevent, control and respond to the COVID-19 pandemic.</li> <li>- Guidance on Relief Measures on Self-Quarantine for Travellers who travel from countries that have no COVID-19 Community Transmission imposed by the National Task Force Committee for Prevention, Control and Response to COVID-19 Pandemic, No. 3053/ສພກ, dated 14<sup>th</sup> October 2020.</li> </ul>
<p><b>Links</b></p>	<p>COVID-19 Announcements:  <a href="https://www.covid19.gov.la/index.php">https://www.covid19.gov.la/index.php</a></p>

## Malaysia (Kuala Lumpur FIR and Kota Kinabalu FIR)

<b>Information Updated</b>	<b>27 October 2021</b>
<b>Precis</b>	<b><i>Increase in Traffic Demand (mainly domestic flights).</i></b>
<b>Traffic Demand Situation</b>	Overall Traffic demand is increasing on a faster pace from 20% in September to about 30% of Pre-Covid December 2019 volume. It is projected that the traffic demand will continue to increase to 50% of Pre-Covid by year end. This is mainly due to the lifting of Inter-District Movement Control Order by the Govt. of Malaysia.
<b>Significant Weather Outlook</b>	Moderate thunderstorm distributed across KL FIR and KK FIR from afternoon to early evening due to monsoon seasonal changes, and expected to continue until mid-of next month.
<b>ATM Status</b>	<ul style="list-style-type: none"> <li>- ATS Units across Malaysia operate regularly on 70 - 80% capacity.</li> <li>- 99% of ATCO has completed 2 - Covid Vaccine doses.</li> <li>- Kuala Lumpur International Airport (KLIA/WMKK) is on two runway operations most of the time. The airport capacity is 56 movements per hour.</li> <li>- Capacity for other airports are estimated to be 70-80% % of the nominal capacity.</li> </ul>
<b>ATFM Measure Outlook</b>	Nil
<b>COVID-19 Flight Restrictions</b>	Nil
<b>COVID-19 Entry Restrictions</b>	Borders are generally closed, except for essential person. All passengers bound for destination in Malaysia must show proof of Covid-19 free test result within 3 days. (refer CAN008/21 on CAAM website, NOTAM A2225/21)
<b>Other Related Information</b>	Nil
<b>Links</b>	<a href="https://www.caam.gov.my/wp-content/uploads/2021/06/CAN-8-2021-Compulsory-COVID-19-Screening-Test-For-Passengers-Traveling-Into-Malaysia-Via-Air-Transport.pdf">https://www.caam.gov.my/wp-content/uploads/2021/06/CAN-8-2021-Compulsory-COVID-19-Screening-Test-For-Passengers-Traveling-Into-Malaysia-Via-Air-Transport.pdf</a>

## Myanmar (Yangon FIR)

<b>Information Updated</b>	<b>3 December 2020</b>
<b>Precis</b>	Nil
<b>Traffic Demand Situation</b>	<ul style="list-style-type: none"> <li>- Significant traffic reductions operating within Yangon FIR (up to 75% as compared to the same period in 2019)</li> <li>- Significant (&gt;76%) reduction in international traffic</li> </ul>
<b>Significant Weather Outlook</b>	During the northeast monsoon period may face foggy weather, upper level turbulence, wind shear, poor visibility, untimely rain and icing condition(especially upper level of northern part of Myanmar) in Yangon FIR
<b>ATM Status</b>	- Reduced staffing levels at Yangon ACC and Tower due to low traffic demand. In a shift, as team A is on duty and team B is stand by at home
<b>ATFM Measure Outlook</b>	No ATFM measure expected
<b>COVID-19 Flight Restrictions</b>	<ul style="list-style-type: none"> <li>- DCA has issued Circulars/NOTAMR (A 0311/20) COVID-19: FLIGHT RESTRICTIONS that “All Air Operators Providing International Air Services Are Advised Of The Temporary Measures for Prevention of COVID-19 Infection In Myanmar Effective From 30 November 2020 at 0710 UTC to 31 December 2020 at 1729 UTC”.</li> <li>- Myanmar government imposed a nighttime curfew between 1730 – 2130 UTC daily.</li> </ul>
<b>COVID-19 Entry Restrictions</b>	<ul style="list-style-type: none"> <li>- Landing at any airport in Myanmar will not be allowed for all international commercial passenger flights</li> <li>- All landing permissions previously granted by the Department of Civil Aviation Myanmar are suspended</li> <li>- The above temporary measures will not apply to aircraft in state of emergency, technical landing without disembarking passengers, relief flights, all-cargo flights, medical evacuation flights and special flights specifically approved by the Department of Civil Aviation. Persons onboard exempted flights except crew shall not be permitted to disembark without authorization. However, if any such flight involves night stop(s), the flight crew and cabin crew (if applicable) of the said flight may be subject to quarantine requirements of the Ministry of Health and Sports</li> <li>- ENR ATS is normal and AIR Operators are able to file VYYY as alternate aerodrome</li> </ul>
<b>Other Related Information</b>	Nil
<b>Links</b>	Nil

## Philippines (Manila FIR)

<b>Information Updated</b>	<b>2 March 2023</b>
<b>Precis</b>	<b>COVID-19 Flight Restrictions Update</b>
<b>Traffic Demand Situation</b>	Approximately 4% reduction in traffic demand compared to the pre-COVID19 pandemic.
<b>Significant Weather Outlook</b>	Metro Manila and the rest of the country will have fair weather condition with isolated passing light rains. <a href="https://bagong.pagasa.dost.gov.ph">https://bagong.pagasa.dost.gov.ph</a>
<b>ATM Status</b>	<ul style="list-style-type: none"> <li>- Some ATS personnel were affected by the COVID19 virus.</li> <li>- RWY13/31 (secondary runway) is open for Code C and lower aircraft operations with the following limitations: RWY13 is limited for take-off and taxi ops H24 and landing for emergency aircraft only when RWY06/24 is closed and; RWY31 is limited for take-off (TKOF VIA TWY F5/TWY G3) and taxi ops H24.</li> <li>- AAR: 20 flt/hr</li> </ul>
<b>ATFM Measure Outlook</b>	<ul style="list-style-type: none"> <li>- GDP for inbound domestic flights were being conducted daily</li> </ul>
<b>COVID-19 Flight Restrictions</b>	<p><b>RPLC (B0463/23 NOTAMR B4286/22)</b></p> <p>INTL AND DOM FLT WITH PAX ARE ALLOWED AT DIOSDADO MACAPAGAL INTL AIRPORT WITH THE FLW RESTRICTIONS:</p> <ul style="list-style-type: none"> <li>- INTL AND DOM SKED COMMERCIAL FLT WITH PRIOR APPROVAL FM CAB, LIPAD CORP AND CAA OF THE PHILIPPINES FOR THEIR SUMMER AND WINTER SCHEDULE.</li> <li>- INTL CHARTERED OR SPECIAL FLT WITH PRIOR CLEARANCE FM DFA AND CAA OF THE PHILIPPINES THE FLW FLT NOT COVERED BY THIS NOTAM:             <ol style="list-style-type: none"> <li>1. ENR FLT EXPERIENCING EMERG</li> <li>2. GOVERNMENT/MIL FLT</li> <li>3. AIR AMBULANCE AND MEDICAL SUPPLIES</li> <li>4. WX MITIGATION FLT</li> </ol> </li> </ul> <p>RMK: CAA OF THE PHILIPPINES OPS CENTER (OPCEN) CTC NR: (+632) 7944-2030 TO 31</p>
<b>COVID-19 Entry Restrictions</b>	<a href="https://www.dfa.gov.ph">https://www.dfa.gov.ph</a>
<b>Other Related Information</b>	Nil
<b>Links</b>	N/A



## Republic of Korea (Incheon FIR)

<b>Information Updated</b>	<b>14 February 2023</b>
<b>Precis</b>	<b>Traffic Demand Update</b> <b>ATM Status Update</b>
<b>Traffic Demand Situation</b>	Total Flights per day avg <ul style="list-style-type: none"> <li>- (2019): 2,320</li> <li>- (2020): 1,160</li> <li>- (2021): 1,295</li> <li>- (2022): 1,511</li> <li>- (Jan 2023): 1,783</li> </ul>
<b>Significant Weather Outlook</b>	Nil relevant (Refer: <a href="https://amo.kma.go.kr/eng/">https://amo.kma.go.kr/eng/</a> )
<b>ATM Status</b>	ATM Resource Capacities (RKSJ) <ul style="list-style-type: none"> <li>- AAR: 40 ft/hr</li> <li>- ADR: 35 ft/hr</li> </ul>
<b>ATFM Measure Outlook</b>	No ATFM measure expected
<b>COVID-19 Flight Restrictions</b>	Nil
<b>COVID-19 Entry Restrictions</b>	Nil
<b>Other Related Information</b>	From ROK to VVDN flights increasing (Flights per day avg) <ul style="list-style-type: none"> <li>- Oct. 2022: 10</li> <li>- Nov. 2022: 12</li> <li>- Dec. 2022: 14</li> <li>- Jan. 2023: 20</li> <li>- Feb. 2023: 21</li> <li>- Mar. 2023: 21</li> </ul>
<b>Links</b>	Nil

## Singapore (Singapore FIR)

<b>Information Updated</b>	<b>2 March 2023</b>
<b>Precis</b>	<b>Weather Outlook Update</b>
<b>Traffic Demand Situation</b>	Current traffic demand is approximately 75% of pre-COVID19 traffic movements
<b>Significant Weather Outlook</b>	<p><b>FIR: Nil</b></p> <p>TMA: The prevailing Northeast Monsoon conditions are expected to continue into the first fortnight of March 2023, with the low-level winds blowing from the northwest or northeast. The monsoon rain band is forecast to remain over the equatorial region. Thundery showers can be expected over Singapore in the afternoon on most days and may extend into the evening on some days.</p>
<b>ATM Status</b>	<ol style="list-style-type: none"> <li>1. Dual Runway Ops <ul style="list-style-type: none"> <li>- AAR: 34 flt/hr</li> <li>- ADR: 34 flt/hr</li> <li>- Airspace: All sectors fully operational (8/8 sectors)</li> </ul> </li> </ol>
<b>ATFM Measure Outlook</b>	<ol style="list-style-type: none"> <li>1. Short Term ATFM measures (GSt/MDI) may be implemented on arrivals from neighbouring departure aerodromes.</li> <li>2. M771 ZSPD Trial ongoing (if required) <ul style="list-style-type: none"> <li>- Refer AIP Singapore ENR 1.9</li> </ul> </li> </ol>
<b>COVID-19 Flight Restrictions</b>	Nil
<b>COVID-19 Entry Restrictions</b>	<p>There are no longer any COVID-19 measures for travellers arriving in Singapore from 13 Feb 2023, regardless of vaccination status or traveler profile. However, all other general entry requirements still apply.</p> <p>More information can be obtained from:  <a href="https://safetravel.ica.gov.sg/">https://safetravel.ica.gov.sg/</a></p>
<b>Other Related Information</b>	Nil
<b>Links</b>	<p>Refer to:</p> <ol style="list-style-type: none"> <li>1. <a href="https://www.gov.sg/features/covid-19">https://www.gov.sg/features/covid-19</a></li> <li>2. <a href="https://www.caas.gov.sg/e-services-forms/e-services/air-traffic-flow-management">https://www.caas.gov.sg/e-services-forms/e-services/air-traffic-flow-management</a></li> </ol>

## Thailand (Bangkok FIR)

<b>Information Updated</b>	<b>2 March 2023</b>
<b>Precis</b>	<b><i>Weather Update</i></b>
<b>Traffic Demand Situation</b>	<ul style="list-style-type: none"> <li>- Traffic demand is around 2,000 flights per day on average, compared to 2,500 – 3,000 flights under normal circumstance (approx. 20%-30% traffic reduction).</li> </ul>
<b>Significant Weather Outlook</b>	<ul style="list-style-type: none"> <li>- <b>Between 2 – 5 March</b>, rain and isolated heavy rain are expected in the <b>southern</b> part of Bangkok FIR.</li> </ul>
<b>ATM Status</b>	<ul style="list-style-type: none"> <li>- All ATM resources are operate as normal.</li> <li>- <b>VTBS TWY E BTN E13 and E19 CLSD due to the taxiway D extension</b> from 2 Dec 2021 – 9 April 2023 AAR = 34 (Ref: AIP SUP A19/22)</li> <li>- <b>VTSP Runway End Safety Area (RESA) construction</b> between 1 Jan – 30Apr 2023 1630 – 0030 (Ref: AIP SUP A27/22)</li> <li>- <b>Joint military air exercise COBRA GOLD 2023</b> will take place within Bangkok FIR from 27 Sep – 10 March (Ref: AIP SUP A02/23)</li> </ul>
<b>ATFM Measure Outlook</b>	<ul style="list-style-type: none"> <li>- BOBCAT ATFM operation is temporary suspended. BOBCAT ATFM service is expected to resume upon resumption enroute overflight ATS provision in Kabul FIR and when required by the traffic Volume.</li> <li>- Bangkok Air Traffic Flow Management Unit (BANGKOK ATFMU) operating hours temporary changed to 2330-1430 UTC. (Ref NOTAM A0158/23)</li> <li>- GDP for flights bound VTBS, VTSP and ACC sectors may be activated in case of traffic congestion or further reduction of capacity (e.g. weather and emergency situation).</li> <li>- <b>Strategic re-routing for flight operating into COBRA GOLD 2023 exercise area (More details in AIP SUP A02/23)</b></li> <li>- <b>GDP for flight from sector 3N and 6N bound for VTBD, VTBS, VTBU, and overflying BKK during the congestion period. (Expect 0200-1000 UTC)</b></li> </ul>
<b>COVID-19 Flight Restrictions</b>	(n/a)

**COVID-19 Entry Restrictions**

- Entry measures into Thailand for international passenger:
- Passenger / air operators shall comply with the latest recommendations of the Min. of Public Health for international passengers
  - Any updates or question may be directed to the Min. of Public Health (<https://shorturl-ddc.moph.go.th/fecg0>)

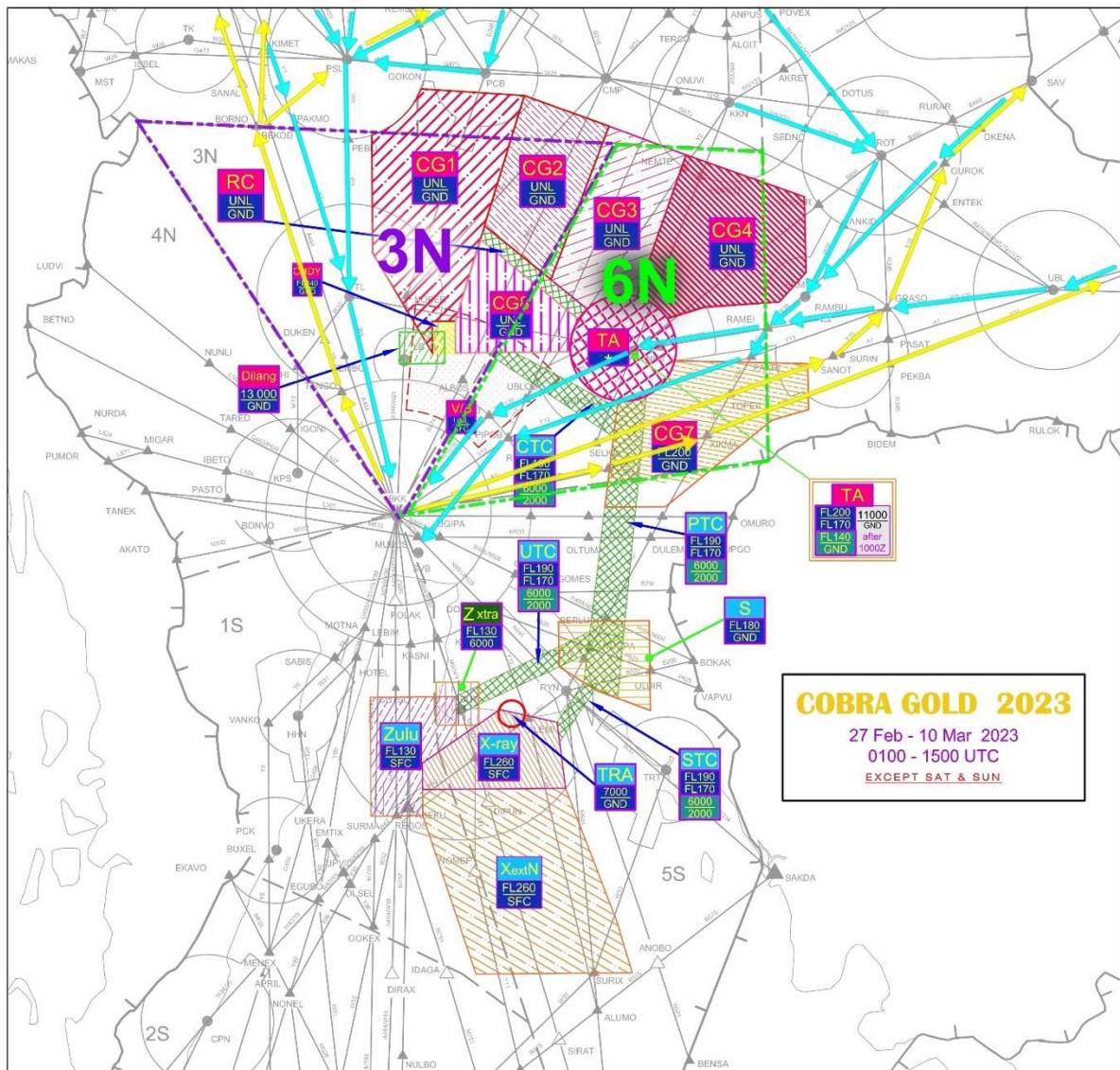
(Ref: NOTAM A0274/23)

**Other Related Information**

(n/a)

**Links**

NOTAM List: <http://www.aerothai.co.th/en/pilot/notam>  
 Public Health Measures: [MOPH DDC Page Here](#)



## United States (Oakland Oceanic FIR)

Information Updated	2 August 2021
Precis	<ul style="list-style-type: none"> <li>- <b>Revised domestic and international traffic data</b></li> <li>- <b>System Capacity not limited by ATC Staffing</b></li> </ul>
Traffic Demand Situation	Domestic traffic demand near pre COVID levels at most facilities. International passenger traffic remains low. High demand for cargo operations in all sectors. General Aviation volume remains near normal.
Significant Weather Outlook	Expecting an average Pacific storm forecast for summer and fall of 2021, with La Niña potentially emerging during the September-November season and lasting through the 2021-22 winter (66% chance during November-January). Western US is experiencing an unusually hot summer with record temperatures and higher wildfire potential across the region.
ATM Status	All FAA facilities are operational. Staffing at most larger facilities have returned to normal with revised cleaning procedures in place. A small number of controllers tested positive at several ATC facilities. ATC alerts occasionally issued to support facility cleaning during non-peak hours. Current staffing supports present traffic demand.
ATFM Measure Outlook	No additional ATFM measures are in place due to COVID restrictions. Decreased oceanic demand has increased opportunity to approve crew requests for routing efficiencies.
COVID-19 Flight Restrictions	Currently no FAA facility is restricting traffic due to COVID related factors. Current traffic delay status may be found at: <a href="https://www.fly.faa.gov/flyfaa/usmap.jsp">https://www.fly.faa.gov/flyfaa/usmap.jsp</a>
COVID-19 Entry Restrictions	The US has revised entry procedures. See Travel entry restrictions for specific States at the following links <a href="#">Department of State Travel Restrictions</a> and <a href="#">CDC Travel Guide</a> . Also, Several Small Island States within the Oakland FIR established additional entry restrictions. Check with their Embassy for current restrictions.
Other Related Information	The US has granted waivers to several current regulations and provided additional guidance and COVID related information at” Novel Coronavirus (COVID-19) Update” ( <a href="https://www.faa.gov/news/updates/?newsId=94991">https://www.faa.gov/news/updates/?newsId=94991</a> )
Links	See text above.

## Vietnam (Hanoi FIR & Ho Chi Minh FIR)

Information Updated	8 December 2022
Precis	<b>No Change</b>
Traffic Demand Situation	- Increased traffic to 50% of nominal. - Domestic flights in Noi Bai International Airport (VVNB) has been increased significantly by 50%
Significant Weather Outlook	No significant weather expected
ATM Status	- ATM capacities at: <ul style="list-style-type: none"> <li>- VVTS: 42 flts/ hour;</li> <li>- VVNB: 37 flts/ hour;</li> <li>- VVDN: 30 flts/ hour.</li> </ul>
ATFM Measure Outlook	- No ATFM measure expected
COVID-19 Flight Restrictions	- NIL
COVID-19 Entry Restrictions	There are no quarantine measures on all incoming passengers.
Other Related Information	- NIL
Links	Information related to Covid-19, please refer: Vietnam Government portal: <a href="https://vietnam.gov.vn/">https://vietnam.gov.vn/</a>