



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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Primary Administrator	To add or update information, please send to: Sugoon (Kin) Fucharoen AEROTHAI sfucharoen@gmail.com / sugoon.fu@aerothai.co.th

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/>)

Table of Contents

ABOUT THIS DOCUMENT	1
DOCUMENT ADMINISTRATION	1
IMPORTANT NOTICE	1
CHECKLIST	3
CAMBODIA (PHNOM PENH FIR)	4
CHINA (SANYA FIR)	5
HONG KONG CHINA (HONG KONG FIR)	6
FRENCH POLYNESIA (TAHITI FIR)	7
INDONESIA (JAKARTA FIR AND UJUNG PANDANG FIR)	8
JAPAN (FUKUOKA FIR)	9
LAO PDR (VIENTIANE FIR)	10
MALAYSIA (KUALA LUMPUR FIR AND KOTA KINABALU FIR)	13
MYANMAR (YANGON FIR)	14
PHILIPPINES (MANILA FIR)	15
REPUBLIC OF KOREA (INCHEON FIR)	17
SINGAPORE (SINGAPORE FIR)	18
THAILAND (BANGKOK FIR)	19
UNITED STATES (OAKLAND OCEANIC FIR)	21
VIETNAM (HANOI FIR & HO CHI MINH FIR)	22

Checklist

States/Administrations (FIR)		Update
Cambodia	Phnom Penh FIR	10 November 2022
China	Sanya FIR	22 April 2020
Hong Kong China	Hong Kong FIR	15 February 2023
French Polynesia	Tahiti FIR	31 July 2020
Indonesia	Jakarta & Ujung Pandang FIRs	15 February 2023
Japan	Fukuoka FIR	15 February 2023
Lao PDR	Vientiane FIR	4 August 2022
Malaysia	Kuala Lumpur & Kota Kinabalu FIRs	26 October 2021
Myanmar	Yangon FIR	3 December 2020
Philippines	Manila FIR	16 February 2023
Republic of Korea	Incheon FIR	14 February 2023
Singapore	Singapore FIR	16 February 2023
Thailand	Bangkok FIR	16 February 2023
United States	Oakland Oceanic FIR	2 August 2021
Vietnam	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"> - Aerodrome Operating Hours - ATFM Measure
Traffic Demand Situation	<ul style="list-style-type: none"> - Current traffic across PNH FIR 60.3% compared to pre-COVID-19 - Landing and take-off 30% compared to pre-COVID-19
Significant Weather Outlook	<ul style="list-style-type: none"> - Nil relevant
ATM Status	<p>ATM resource capacity Airspace: operate combined sector (1/2 sectors)</p> <ul style="list-style-type: none"> - VDPP runway capacity 21 VDPP AAR reducing to 5 due to VVIP movement - VDSR runway capacity 13 - VDSV runway capacity 7 <p>1. Airport Operating hour</p> <ul style="list-style-type: none"> ➤ VDSR Operating hour from 01 November 2022 to 31 December 2022, 2300 UTC to 1600 UTC. (NOTAM A0127/22) ➤ VDSV Operating hour from 01 October 2022 to 25 December 2022: <ul style="list-style-type: none"> - From 0001 UTC to 1200 UTC (NOTAM A0111/22)
ATFM Measure Outlook	<ul style="list-style-type: none"> - ATFM measure during ASEAN Summit 2022 from 8 to 14 November 2022 (Ref: NOTAM A0145/22 – A0149/22) - Temporary Flight Restriction (TFR) and Air Defense Identification Zone (ADIZ) at VDPP from surface to FL180 on 12 - 13 November 2022
COVID-19 Flight Restrictions	<ul style="list-style-type: none"> - Nil
COVID-19 Entry Restrictions	<ul style="list-style-type: none"> - Nil
Other Related Information	<ul style="list-style-type: none"> - Nil
Links	<p>https://www.mfaic.gov.kh/covid-19 http://www.civilaviation.gov.kh/en/ http://www.cats.com.kh/</p>

China (Sanya FIR)

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

Hong Kong China (Hong Kong FIR)

Information Updated	15 February 2023
Precis	<i>Date of GDP operational trial</i>
Traffic Demand Situation	<ul style="list-style-type: none"> - Some sign of recovery for traffic in/out HKIA but still around 55% reduction comparing to pre-COVID level. For traffic transiting HK FIR, it is around 65% reduction. - Local airlines have resumed some operations but still maintain a reduced schedule in February 2023
Significant Weather Outlook	<ul style="list-style-type: none"> - For latest aviation weather forecast, please go to Hong Kong Observatory https://www.hko.gov.hk/en/aviat/amt/amsmain.htm
ATM Status	<ul style="list-style-type: none"> - Closure of RWY at VHHH for construction work (For schedule, REF AIP SUP 16/22. - Dual RWY – MAX. AAR: 35 FLT/hr, MAX. ADR: 35 FLT/hr - Single RWY – MAX. AAR: 18 FLT/hr, MAX. ADR: 18 FLT/hr - All sectors fully operational
ATFM Measure Outlook	GDP operational trial on 24 Feb (0300-0900UTC tentative)
COVID-19 Flight Restrictions	Nil
COVID-19 Entry Restrictions	https://www.coronavirus.gov.hk/eng/high-risk-places.html
Other Related Information	Nil
Links	COVID-19 Thematic Website https://www.coronavirus.gov.hk/eng/inbound-travel.html HKSAR Government News Website https://www.news.gov.hk/eng/index.html

French Polynesia (Tahiti FIR)

Information Updated	31 July 2020
Precis	<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>
Traffic Demand Situation	<ul style="list-style-type: none"> - Domestic traffic is back to pre-COVID levels (90%). - International overflight: reduced by 90% - International incoming traffic is 70% of pre-COVID - VFR demand is 90% of what it was - Recovery assumption: Q4/2021 at the earliest
Significant Weather Outlook	Nil relevant
ATM Status	<ul style="list-style-type: none"> - All sectors operational, staff available - Full capacity available; staffing currently managed to match traffic demand as much as feasible
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 1st August).</p>
Other Related Information	<ul style="list-style-type: none"> - Increased level of concern for operational staff in the context of the planned reintroduction of the COVID-19 virus on the French Polynesia territory.
Links	<p>NOTAMS</p> <ul style="list-style-type: none"> - A0219/20 for NTTT – expect new NOTAM for August - A0208/20 for NTAA – expect new NOTAM for August

Indonesia (Jakarta FIR and Ujung Pandang FIR)

Information Updated	16 February 2023
Precis	No Change
Traffic Demand Situation	<ul style="list-style-type: none">- Domestic traffic reduces by 19 %- International traffic reduces by 33%- Overflying traffic reduces by 30%
Significant Weather Outlook	Nil
ATM Status	ATM Resource Capacities: <ul style="list-style-type: none">- Airspace: All sectors fully operational
ATFM Measure Outlook	Nil
COVID-19 Flight Restrictions	Nil
COVID-19 Entry Restrictions	Nil
Other Related Information	Nil
Links	Refer: https://www.covid19.go.id/situasi-virus-corona/ https://aimindonesia.dephub.go.id/

Japan (Fukuoka FIR)

Information Updated	15 February 2023
Precis	<i>International flights are increasing slightly</i>
Traffic Demand Situation	Traffic Demand as of January 2023 <ul style="list-style-type: none"> - 86% compared to pre-COVID-19 in Fukuoka FIR - 95% compared to pre-COVID-19 in RJTT airport - 80% compared to pre-COVID-19 in RJAA airport - 65% compared to pre-COVID-19 in RJBB airport
Significant Weather Outlook	Nil
ATM Status	Full capacity at all ATM resources
ATFM Measure Outlook	- No ATFM measure expected
COVID-19 Flight Restrictions	Nil
COVID-19 Entry Restrictions	COVID-19: Current Japanese Border Measures https://www.mhlw.go.jp/stf/covid-19/bordercontrol.html
Other Related Information	(n/a)
Links	NOTAM site: https://aisjapan.mlit.go.jp/Login.do

Lao PDR (Vientiane FIR)

Information Updated	4 August 2022
Precis	<ul style="list-style-type: none"> - Traffic Demand Update - Weather Outlook - COVID-Related Restrictions
Traffic Demand Situation	<ul style="list-style-type: none"> - 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 30th 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. - 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.
Significant Weather Outlook	Expect summer thunderstorms in Vientiane FIR (all areas)
ATM Status	<ul style="list-style-type: none"> - Staffing is back to work at all ATS units but still follow the COVID-19 Recovery and Preventive Measures
ATFM Measure Outlook	<ul style="list-style-type: none"> - No ATFM measure expected
COVID-19 Flight Restrictions	<ul style="list-style-type: none"> - 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: laodca@laotel.com for further consideration. - 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. - 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. - Lao and foreign air carriers shall ensure that arrival foreign passengers entering Lao PDR have already

	<p>installed Lao KYC and received QR code from www.laogreenpass.gov.la 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"> - 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.
<p>COVID-19 Entry Restrictions</p>	<ul style="list-style-type: none"> - 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. - 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. - 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. - Upon receipt of written authorization in relation to a proper visa type, any individual who does not have a

	<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"> - 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. - 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.
<p>Other Related Information</p>	<p>Please refer to:</p> <ul style="list-style-type: none"> - Pursuant to Prime Minister’s Office’s Notice No. 1049/PMO, dated 30th September 2020 and No. 1202/PMO, dated 31st October 2020. - Pursuant to the Prime Minister Office’s Notification, No. 258/PMO, dated 1st March 2022. - According to the Notice on Travel Advisory for Entering and Exiting Lao PDR No. 2143/MOFA.TF, dated 17 March 2022. - According to Notice from Task Force Committee, MOFA No. 1861/MOFA.TC, dated 31st 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. - 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 14th October 2020.
<p>Links</p>	<p>COVID-19 Announcements: https://www.covid19.gov.la/index.php</p>

Malaysia (Kuala Lumpur FIR and Kota Kinabalu FIR)

Information Updated	27 October 2021
Precis	<i>Increase in Traffic Demand (mainly domestic flights).</i>
Traffic Demand Situation	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.
Significant Weather Outlook	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.
ATM Status	<ul style="list-style-type: none"> - ATS Units across Malaysia operate regularly on 70 - 80% capacity. - 99% of ATCO has completed 2 - Covid Vaccine doses. - Kuala Lumpur International Airport (KLIA/WMKK) is on two runway operations most of the time. The airport capacity is 56 movements per hour. - Capacity for other airports are estimated to be 70-80% % of the nominal capacity.
ATFM Measure Outlook	Nil
COVID-19 Flight Restrictions	Nil
COVID-19 Entry Restrictions	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)
Other Related Information	Nil
Links	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

Myanmar (Yangon FIR)

Information Updated	3 December 2020
Precis	Nil
Traffic Demand Situation	<ul style="list-style-type: none"> - Significant traffic reductions operating within Yangon FIR (up to 75% as compared to the same period in 2019) - Significant (>76%) reduction in international traffic
Significant Weather Outlook	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
ATM Status	- 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
ATFM Measure Outlook	No ATFM measure expected
COVID-19 Flight Restrictions	<ul style="list-style-type: none"> - 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”. - Myanmar government imposed a nighttime curfew between 1730 – 2130 UTC daily.
COVID-19 Entry Restrictions	<ul style="list-style-type: none"> - Landing at any airport in Myanmar will not be allowed for all international commercial passenger flights - All landing permissions previously granted by the Department of Civil Aviation Myanmar are suspended - 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 - ENR ATS is normal and AIR Operators are able to file VYYY as alternate aerodrome
Other Related Information	Nil
Links	Nil

Philippines (Manila FIR)

Information Updated		16 February 2023
Precis	Traffic Demand Situation Update	
Traffic Demand Situation	Approximately 4% reduction in traffic demand compared to the pre-COVID19 pandemic.	
Significant Weather Outlook	Metro Manila and the rest of the country will have fair weather condition with isolated passing light rains. https://bagong.pagasa.dost.gov.ph	
ATM Status	<ul style="list-style-type: none"> - Some ATS personnel were affected by the COVID19 virus. - 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. - AAR: 20 flt/hr 	
ATFM Measure Outlook	<ul style="list-style-type: none"> - GDP for inbound domestic flights were being conducted daily 	
COVID-19 Flight Restrictions	<p><u>RPLL (B2565/22 NOTAMR B1023/21</u> INTL AND DOM FLT WITH PAX ARE ALLOWED AT NAIA WITH THE FLW RESTRICTIONS:</p> <ul style="list-style-type: none"> - INTL AND DOM SKED COMMERCIAL FLT WITH PRIOR APV FM CIV AERONAUTICS BOARD, CAA OF THE PHILIPPINES FOR THEIR SUMMER AND WINTER SCHEDULE. - INTL CHARTERED OR SPECIAL FLT WITH PRIOR CLEARANCE FM DEPARTMENT OF FOREIGN AFFAIRS AND CAA OF THE PHILIPPINES. - NR OF PAX MAY BE REGULATED TO COMPLY WITH HEALTH AND SAFETY PROTOCOLS. - FOR DOM FLT, PRIOR COORD WITH LCA GOV UNIT OF DEST AP REQUIRED. - THE FLW FLT NOT COVERED BY THIS NOTAM: <ol style="list-style-type: none"> 1. ENR FLT EXPERIENCING EMERG 2. AIR AMBULANCE AND MEDICAL SUPPLIES 3. GOV/MIL FLT 	
COVID-19 Entry Restrictions	https://www.dfa.gov.ph	

<p>Other Related Information</p>	<p>1. Other International Airport Flight Restrictions:</p> <p><u>α. RPVM (B3698/22 NOTAMR B2406/22)</u></p> <ul style="list-style-type: none"> - ALL INTL AND DOM FLT WITH PAX BOUND TO MACTAN-CEBU INTL AP SHALL SECURE PRIOR APPROVAL FM CIVIL AERONAUTICS BOARD, CAA OF THE PHILIPPINES AND LCA GOV UNIT <p>THE FLW FLT NOT COVERED BY THIS NOTAM:</p> <ol style="list-style-type: none"> 1. ENR FLT EXPERIENCING EMERG 2. CARGO FLT 3. AIR AMBULANCE AND MEDICAL SUPPLIES 4. GOV/MIL FLT 5. WX MITIGATION FLT 6. MAINT AND UTILITY FLT <p><u>RPLC (B0463/23 NOTAMR B4286/22)</u></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"> - INTL AND DOM SKED COMMERCIAL FLT WITH PRIOR APPROVAL FM CAB, LIPAD CORP AND CAA OF THE PHILIPPINES FOR THEIR SUMMER AND WINTER SCHEDULE. - INTL CHARTERED OR SPECIAL FLT WITH PRIOR CLEARANCE FM DFA AND CAA OF THE PHILIPPINES <p>THE FLW FLT NOT COVERED BY THIS NOTAM:</p> <ol style="list-style-type: none"> 1. ENR FLT EXPERIENCING EMERG 2. GOVERNMENT/MIL FLT 3. AIR AMBULANCE AND MEDICAL SUPPLIES 4. WX MITIGATION FLT <p>RMK: CAA OF THE PHILIPPINES OPS CENTER (OPCEN) CTC NR: (+632) 7944-2030 TO 31</p>
	<p>Links</p>

Republic of Korea (Incheon FIR)

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

Singapore (Singapore FIR)

Information Updated	16 February 2023
Precis	<i>Covid-19 entry restrictions update</i>
Traffic Demand Situation	Current traffic demand is approximately 75% of pre-COVID19 traffic movements
Significant Weather Outlook	FIR: Nil TMA: The monsoon rain band forecast to remain close to the equatorial region, short-duration thundery showers can still be expected over parts of Singapore in the afternoon on most days and may extend into the evening on some days.
ATM Status	<ol style="list-style-type: none"> Dual Runway Ops <ul style="list-style-type: none"> AAR: 34 flt/hr ADR: 34 flt/hr Airspace: All sectors fully operational (8/8 sectors)
ATFM Measure Outlook	<ol style="list-style-type: none"> Short Term ATFM measures (GSt/MDI) may be implemented on arrivals from neighbouring departure aerodromes. M771 ZSPD Trial ongoing (if required) <ul style="list-style-type: none"> Refer AIP Singapore ENR 1.9
COVID-19 Flight Restrictions	Nil
COVID-19 Entry Restrictions	<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: https://safetravel.ica.gov.sg/</p>
Other Related Information	Nil
Links	<p>Refer to:</p> <ol style="list-style-type: none"> https://www.gov.sg/features/covid-19 https://www.caas.gov.sg/e-services-forms/e-services/air-traffic-flow-management

Thailand (Bangkok FIR)

Information Updated	16 February 2023
Precis	ATM Status – Military Exercise ATFM Measure Outlook
Traffic Demand Situation	<ul style="list-style-type: none"> - 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).
Significant Weather Outlook	<ul style="list-style-type: none"> - Rain and isolated heavy rain are expected in the northern part of Bangkok FIR.
ATM Status	<ul style="list-style-type: none"> - All ATM resources are operate as normal. - VTBS TWY E BTN E13 and E19 CLSD due to the taxiway D extension from 2 Dec 2021 – 9 April 2023 AAR = 34 (Ref: AIP SUP A19/22) - VTSP Runway End Safety Area (RESA) construction between 1 Jan – 30Apr 2023 1630 – 0030 (Ref: AIP SUP A27/22) - Joint military air exercise COBRA GOLD 2023 will take place within Bangkok FIR from 27 Sep – 10 March (Ref: AIP SUP A02/23)
ATFM Measure Outlook	<ul style="list-style-type: none"> - 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. - Bangkok Air Traffic Flow Management Unit (BANGKOK ATFMU) operating hours temporary changed to 2330-1430 UTC. (Ref NOTAM A0158/23) - 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). - Strategic re-routing for flight operating into COBRA GOLD 2023 exercise area (More details in AIP SUP A02/23) - GDP for flight from sector 3N and 6N bound for VTBD, VTBS, VTBU, and overflying BKK during the congestion period. (Expect 0200-1000 UTC)
COVID-19 Flight Restrictions	(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>)

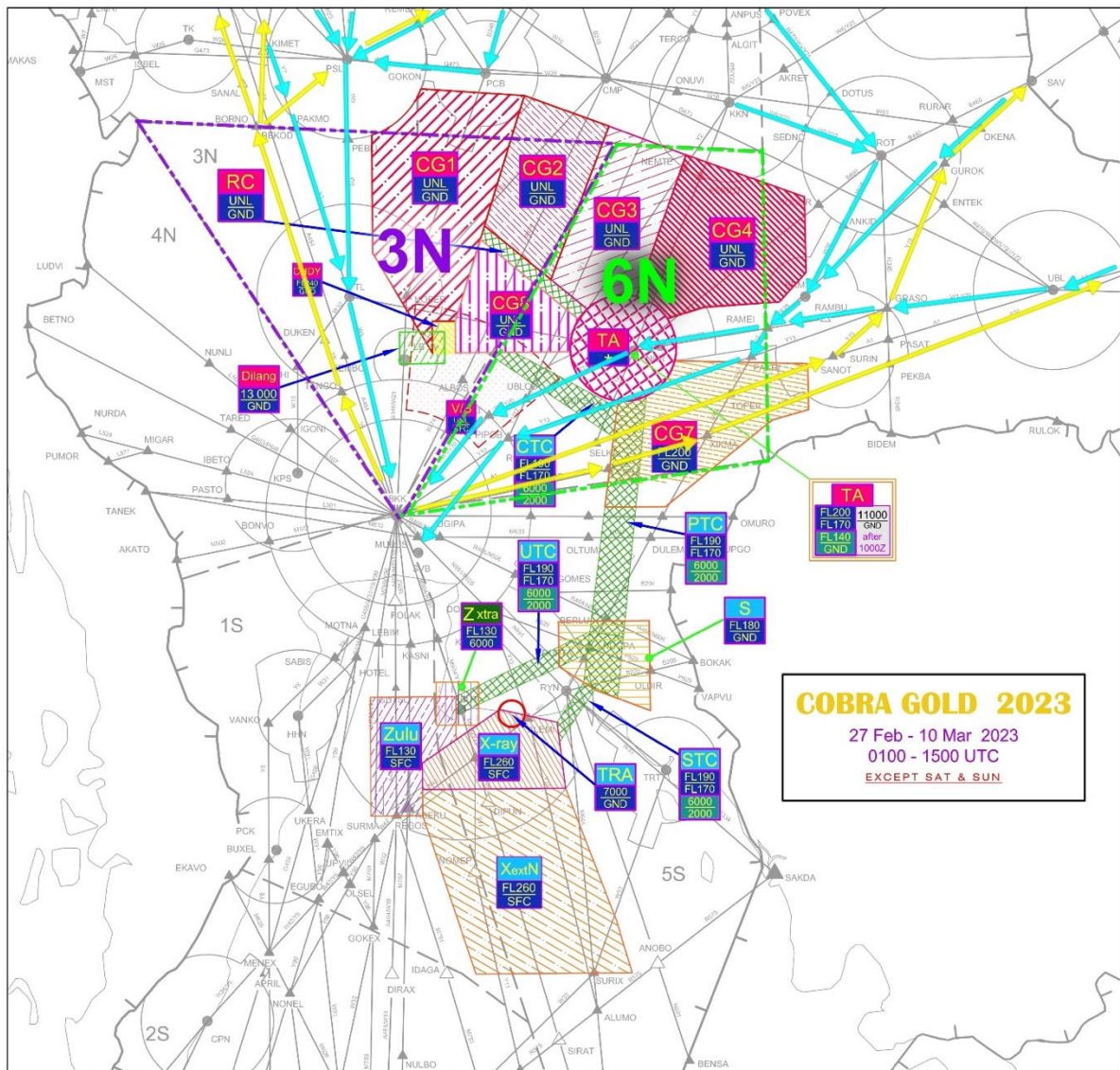
(Ref: NOTAM A0274/23)

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"> - Revised domestic and international traffic data - System Capacity not limited by ATC Staffing
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: https://www.fly.faa.gov/flyfaa/usmap.jsp
COVID-19 Entry Restrictions	The US has revised entry procedures. See Travel entry restrictions for specific States at the following links Department of State Travel Restrictions and CDC Travel Guide . 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” (https://www.faa.gov/news/updates/?newsId=94991)
Links	See text above.

Vietnam (Hanoi FIR & Ho Chi Minh FIR)

Information Updated	8 December 2022
Precis	No Change
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">- VVTS: 42 flts/ hour;- VVNB: 37 flts/ hour;- VVDN: 30 flts/ hour.
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: https://vietnam.gov.vn/