



APAC Bi-Weekly ATFM Conference

ASIA-PACIFIC ATM/ATFM STATUS UPDATE

**Published:
4 August 2023**



About This Document

Collaborative Decision Making (CDM) is the backbone of effective regional air traffic flow management (ATFM) and efficient air traffic management (ATM) operations. The APAC Bi-Weekly ATFM Web-Conferences are organized every two weeks and serves as a platform to enable regular information exchange and CDM among Asia/Pacific ANSPs. The web-conferences, participated by air navigation service providers (ANSPs) from States/Administrations in the region, include discussions on ATM resource status, traffic demand situation, weather outlook, expected or planned ATFM measures, and other information pertinent to air traffic operations around the region.

This ATM/ATFM Status Update document captures key ATM status, ATFM outlook, and other pertinent information from ANSPs participating in the bi-weekly web-conferences. It is designed to provide ATM situational awareness for the region. Information provided include, e.g., ATM status at various resources, ATS unit staffing levels, runway operations, and expected ATFM measures.

Document Administration

Document Title	Asia-Pacific ATM/ATFM Status Update
Edition Publication Date	4 August 2023
Document Location	ICAO APAC ATM/ATFM Status Page https://www.icao.int/APAC/Meetings/Pages/APAC-ATM---ATFM-Status-Update.aspx
Primary Administrator	To add or update information, please send to: <i>Sugoon (Kin) Fucharoen</i> , AEROTHAI sfucharoen@gmail.com / sugoon.fu@aerothai.co.th

Important Notice

- 1. The information contained herein is provided by ANSPs from participating States/Administrations only and does not necessarily include information from all States/Administrations.**
- 2. The information contained herein is for situational awareness purpose only. The document is designed to assist in the APAC Bi-Weekly ATFM Web-Conferences, serving as a framework for participating units to provide their updates. 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 which may assist stakeholders in the planning of their operations in the region.**

Table of Contents

ABOUT THIS DOCUMENT	1
DOCUMENT ADMINISTRATION	1
IMPORTANT NOTICE	2
CHECKLIST	4
CAMBODIA (PHNOM PENH FIR)	5
CHINA (SANYA FIR).....	6
HONG KONG CHINA (HONG KONG FIR)	7
FRENCH POLYNESIA (TAHITI FIR).....	8
INDONESIA (JAKARTA FIR AND UJUNG PANDANG FIR).....	9
JAPAN (FUKUOKA FIR).....	10
LAO PDR (VIENTIANE FIR)	11
MALAYSIA (KUALA LUMPUR FIR AND KOTA KINABALU FIR)	14
MYANMAR (YANGON FIR)	16
PHILIPPINES (MANILA FIR).....	17
REPUBLIC OF KOREA (INCHEON FIR).....	18
SINGAPORE (SINGAPORE FIR)	19
THAILAND (BANGKOK FIR).....	20
UNITED STATES (OAKLAND OCEANIC FIR).....	21
VIETNAM (HANOI FIR & HO CHI MINH FIR).....	22

Checklist

States/Administrations (FIR)	Update
Cambodia	Phnom Penh FIR 24 April 2023
China	Sanya FIR 22 April 2020
Hong Kong China	Hong Kong FIR 2 August 2023
French Polynesia	Tahiti FIR 31 July 2020
Indonesia	Jakarta & Ujung Pandang FIRs 3 August 2023
Japan	Fukuoka FIR 1 August 2023
Lao PDR	Vientiane FIR 4 August 2022
Malaysia	Kuala Lumpur & Kota Kinabalu FIRs 24 May 2023
Myanmar	Yangon FIR 3 December 2020
Philippines	Manila FIR 3 August 2023
Republic of Korea	Incheon FIR 3 August 2023
Singapore	Singapore FIR 2 August 2023
Thailand	Bangkok FIR 3 August 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	24 April 2023
Precis	<ul style="list-style-type: none"> - Aerodrome Operating Hours - Traffic Demand
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 2 sectors.</p> <ul style="list-style-type: none"> - VDPP runway capacity 21 VDPP AAR reducing to 5 due Closing TWY C & A - VDSR runway capacity 13 - VDSV runway capacity 7 <p>1. Airport Operating hour</p> <ul style="list-style-type: none"> ➤ VDSV Operating hour from 20 March to 15 June 2023: <ul style="list-style-type: none"> - From 0001 UTC to 1200 UTC (NOTAM A0018/23)
ATFM Measure Outlook	<ul style="list-style-type: none"> - ATFM measure during Closing Taxiway C & A, part of taxilane for construction work from 19 April to 15 July 2023 (AIP SUPPLEMENT A4/23 Date 12 April 2023)
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	2 August 2023
Precis	Traffic Demand Update
Traffic Demand Situation	<ul style="list-style-type: none"> - Some sign of recovery for traffic in/out HKIA is approximately 65% of pre-COVID. For traffic transiting HK FIR, it is around 66% of the pre-COVID level - Local airlines have resumed some operations but still maintain a reduced schedule in August 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	Nil
COVID-19 Flight Restrictions	Nil
COVID-19 Entry Restrictions	COVID-19 Thematic Website https://www.coronavirus.gov.hk/eng/inbound-travel.html
Other Related Information	Nil
Links	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	3 August 2023
Precis	No Change
Traffic Demand Situation	- Domestic traffic is 83% compared to pre COVID-19, - International traffic is 83% compared to pre COVID-19, - Overflying traffic is 104% compared to pre COVID-19.
Significant Weather Outlook	Nil
ATM Status	ATM Resource Capacities: - Airspace: All sectors fully operational
ATFM Measure Outlook	Nil
COVID-19 Flight Restrictions	Nil
COVID-19 Entry Restrictions	Nil
Other Related Information	Nil
Links	-

Japan (Fukuoka FIR)

Information Updated	1 August 2023
Precis	Traffic Demand Significant Weather & ATFM Measure Plan
Traffic Demand Situation	Traffic Demand as of 26 Jul. 2023 <ul style="list-style-type: none"> - 102% compared to pre-COVID-19 in Fukuoka FIR - 102% compared to pre-COVID-19 in RJTT airport - 87% compared to pre-COVID-19 in RJAA airport - 84% compared to pre-COVID-19 in RJBB airport
Significant Weather Outlook	Typhoon KHANUN is expected to continue through weekend.
ATM Status	Full capacity at all ATM resources
ATFM Measure Outlook	Some ATFM measures for domestic flights. Cross border ATFM among NARAHG region because of the typhoon.
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	Nil
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/ສປພກ, 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

	<p>proper visa type, any individual who does not have a 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	24 May 2023
Precis	<i>CAA Malaysia ATFM Trial Implementation</i>
Traffic Demand Situation	CAA Malaysia's implementation of Air Traffic Flow Management (ATFM) measures for flights to Langkawi Airport due to increased air traffic and congestion due to two daily airspace closure for airshows. These measures aim to manage the surge in demand, ensure operational safety amidst dynamic flight patterns, and manage potential strains on airport resources effectively. Normal AAR for Langkawi is 6 and the government approved for extra flights into Langkawi that make the demand increase up to 11 per hour. Therefore, Ground Delay Program (GDP) was developed to reduce traffic congestion.
Significant Weather Outlook	In May, the country's weather conditions are expected to be affected by the southwest monsoon phase. During the southwest monsoon period which usually starts from mid-May to September, thunderstorms and heavy rains are expected to decrease.
ATM Status	Across Malaysia, our Air Traffic Service (ATS) units consistently operate at maximum capacity. However, we anticipate a scheduled downturn in arrivals at WMSA (Subang) airport throughout the period from the 14th to the 20th of June, 2023. This temporary adjustment is due to airspace restrictions stemming from planned military activities.
ATFM Measure Outlook	<p>On the 18 May, 2023, Malaysia embarked on an operational trial of ATFM involving Langkawi, Subang, and KLIA airports. At present, our teams are actively engaged in conducting simulations for KLIA and Subang, which necessitate managing a high volume of both domestic and international air traffic. Consequently, our ATMFU has prioritized Langkawi as a pivotal training area. This includes issuing CTOT to aircraft in order to effectively balance airport demand and capacity in light of the twice-daily airspace closures due to airshows.</p> <p>Flight schedules collected from marketing sources, the National Slot Coordination Malaysia, and/or flight clearances are used to create strategic and pre-tactical demand profiles, which are then compared to flight plans filed prior to departure.</p> <p>In the event of airspace closure, AAR was reduced to 0. Due to aircrafts arriving after the closure will result in traffic congestion, they were provided with CTOT to meet</p>

	the normal AAR in Langkawi which is 6 per hour. The capacity may drop in response to new demands or limitations from Langkawi, such as an extension of the airshow's runtime or a reduction in available bays.
COVID-19 Flight Restrictions	nil
COVID-19 Entry Restrictions	Refer https://mysafetravel.gov.my/
Other Related Information	Any other relevant information and more details on the ATM status (if necessary)
Links	https://aip.caam.gov.my/aip/eAIP/2023-02-28/html/index-en-MS.html

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		3 August 2023
Precis	No Change	
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 generally have fair weather apart from isolated afternoon or evening rain showers or thunderstorms. https://bagong.pagasa.dost.gov.ph	
ATM Status	<ul style="list-style-type: none"> - Some ATS personnel were affected by the COVID19 virus. - NOTAMN B1701/23 RWY06/24 Hours of operations: Mon, Wed, Thu, Fri, and Sat: 0000-2200, 2220-2359Z Tue and Sun: 0000-1630, 2130-2359Z - NOTAMN B1703/23 RWY13/31 Hours of operations: Mon, Tue, Wed, Fri, and Sun: H24 Thu and Sat: 0000-1500, 2000-2359Z - 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	Nil	
COVID-19 Entry Restrictions	https://www.dfa.gov.ph	
Other Related Information	Nil	
Links	N/A	

Republic of Korea (Incheon FIR)

Information Updated	3 August 2023
Precis	Traffic Demand Update ATM Status Update ATFM Measure Outlook
Traffic Demand Situation	Traffic demand is around 2,000 flight per day on average (June) <ul style="list-style-type: none"> - 90% covered in traffic demand compared to 2019 - Full covered in domestic flights - Still recovering international traffic volume (76% reduction compared to the first half of 2019)
Significant Weather Outlook	Nil relevant (Refer : https://amo.kma.go.kr/eng/)
ATM Status	ATM Resource Capacities: <ul style="list-style-type: none"> - RKSI: 75 flt/hr (AAR 44* / ADR 50) - RKSS: 48 flt/hr (AAR 24 / ADR 24) - RKPK: 18-26 flt/hr (depending on military activity) - Airspace: All sectors fully operational * 15-26 flt/hr during LVP
ATFM Measure Outlook	<ol style="list-style-type: none"> 1. CTOTs have been generated for detour flights to South East Asia by China and Japan to avoid typhoon (~8/5) 2. Level capping to bound for Japan, Taipei and SE Asia (8/3) 3. CTOT trial is ongoing subject to the flight from Korea to VVDN 4. CTOT could be issued when RKSI encountered low visibility (8/10~) – under discussion with Sanya ATFMU
COVID-19 Flight Restrictions	Nil
COVID-19 Entry Restrictions	Refer: <ul style="list-style-type: none"> - https://ncov.mohw.go.kr/en
Other Related Information	Nil
Links	Refer: <ul style="list-style-type: none"> - https://katfm.molit.go.kr (ATFM) - https://aim.koca.go.kr/aim (AIP/NOTAM)

Singapore (Singapore FIR)

Information Updated	2 August 2023						
Precis	Update in weather outlook & ATM status						
Traffic Demand Situation	Current traffic demand is approximately 90% of pre-COVID19 traffic movements						
Significant Weather Outlook	<p>FIR: Nil</p> <p>TMA:</p> <p>Localised short-duration thundery showers over parts of the island in the late morning and afternoon on some days. Thundery showers may be widespread and intense due to large-scale convergence of winds over Singapore and the surrounding region. Thundery showers due to Sumatra squalls may also occur between the pre-dawn hours and morning on some days.</p>						
ATM Status	<ol style="list-style-type: none"> 1. Dual Runway Ops <ul style="list-style-type: none"> - AAR: 34 flt/hr - ADR: 34 flt/hr 2. Airspace: All enroute sectors are fully operational 3. Due to Republic of Singapore Air Force (RSAF) operational requirements, <ol style="list-style-type: none"> i. Singapore Changi Airport and CTR will be closed to all flight operations on the following dates listed as follows: <table border="1" data-bbox="667 1146 1369 1223"> <thead> <tr> <th>Month</th> <th>Date</th> <th>Closure Time</th> </tr> </thead> <tbody> <tr> <td>August</td> <td>9,12 (reserve)</td> <td>1046UTC to 1106UTC</td> </tr> </tbody> </table> <ul style="list-style-type: none"> - GDP will be implemented from 1000UTC to 1200UTC (tentative) on the above-mentioned dates to regulate traffic flow for the purpose of demand-capacity balancing. - Refer to Singapore AIP SUP 053/2023 for more information. 	Month	Date	Closure Time	August	9,12 (reserve)	1046UTC to 1106UTC
Month	Date	Closure Time					
August	9,12 (reserve)	1046UTC to 1106UTC					
ATFM Measure Outlook	<ol style="list-style-type: none"> 1. Short Term ATFM measures (GSt/MDI) may be implemented on arrivals from neighbouring departure aerodromes. 2. 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	Nil. More information can be obtained from: https://safetravel.ica.gov.sg/						
Other Related Information	Nil						
Links	<p>Refer to:</p> <ol style="list-style-type: none"> 1. https://www.gov.sg/features/covid-19 2. https://www.caas.gov.sg/e-services-forms/e-services/air-traffic-flow-management 						

Thailand (Bangkok FIR)

Information Updated	3 August 2023
Precis	Weather update
Traffic Demand Situation	<ul style="list-style-type: none"> - Traffic demand is around 2,100 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"> - Significant Rain and Isolated heavy rain are expected in the upper part of Bangkok FIR during 3-8 August 2023, due to Intertropical Convergence Zone (ITCZ).
ATM Status	<ul style="list-style-type: none"> - VTBS TWY E BTN E13 and E19 CLSD due to the construction of taxiway D extension from 23 March – 9 Aug 2023 (Ref: AIP SUP A10/23) - VTSP Runway End Safety Area (RESA), Runway Strip, and TAXIWAY construction until 24 Oct 2023 1730 – 2330 daily (Ref: AIP SUP A27/22, NOTAM VTSP A0930/23) - Bangkok Air Traffic Flow Management Unit (BANGKOK ATFMU) resume 24 hours operation.
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. - GDP for flights bound VTBD, VTBS, VTSP and ACC sectors may be activated in case of traffic congestion or further reduction of capacity (e.g., weather and emergency situation).
COVID-19 Flight Restrictions	n/a
COVID-19 Entry Restrictions	n/a
Other Related Information	n/a
Links	MET Information: https://www.tmd.go.th/en NOTAM List: http://www.aerothai.co.th/en/pilot/notam

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/