

# Russia Reroutes: Alaskan Airport Options

OPSGROUP Team

8 March, 2022



With Russian airports and airspace now off limits for many operators, what airports across Alaska (and also Asia) are available, suitable, and useable for things like ETOPS alternates, fuel stops, and tech stops?

To be honest, very few! Once you cross into the Bering Sea you are extremely limited in the westerly direction, and probably looking at a far more southerly route initially because of the awkward “extra chunk” of Russia that sticks out the bottom.

## Why is Russia off limits?

As part of a range of political sanctions imposed on Russia, several countries have now banned Russian aircraft and operators from their airspace – The European Union along with some non-EU countries, the US and Canada. In response, Russia has banned aircraft and operators of many of these countries from Russian airspace.

The exception, at present, is the US – Russia has still not officially banned US aircraft/operators from its airspace. However, some local agents are saying that they are not able to provide Russian landing and overflight permits to US registered aircraft/operators, and we've had similar reports from some locally based OPSGROUP members. **Major US carriers are already avoiding Russian airspace, which is sensible action to follow given the uncertainty.**

This is affecting a lot of operators at present, who are now having to route around Russian airspace.

## The Alaskan Options

A report on a recent routing from Anchorage to India considered the following airports as possible options.

- **PASY/Eareckson Air Station**
  - 10,004'/3050m x 45m

- ILS 28 / RNAV 10
- Fuel and maintenance support unknown
- More an emergency option than a fuel or tech stop option
- Talk to them on +1 907-552-3443 / +1 907-392-3361
- ARFF Cat 7
- PCN 132/F/A/W/T

- **PADK/Adak**

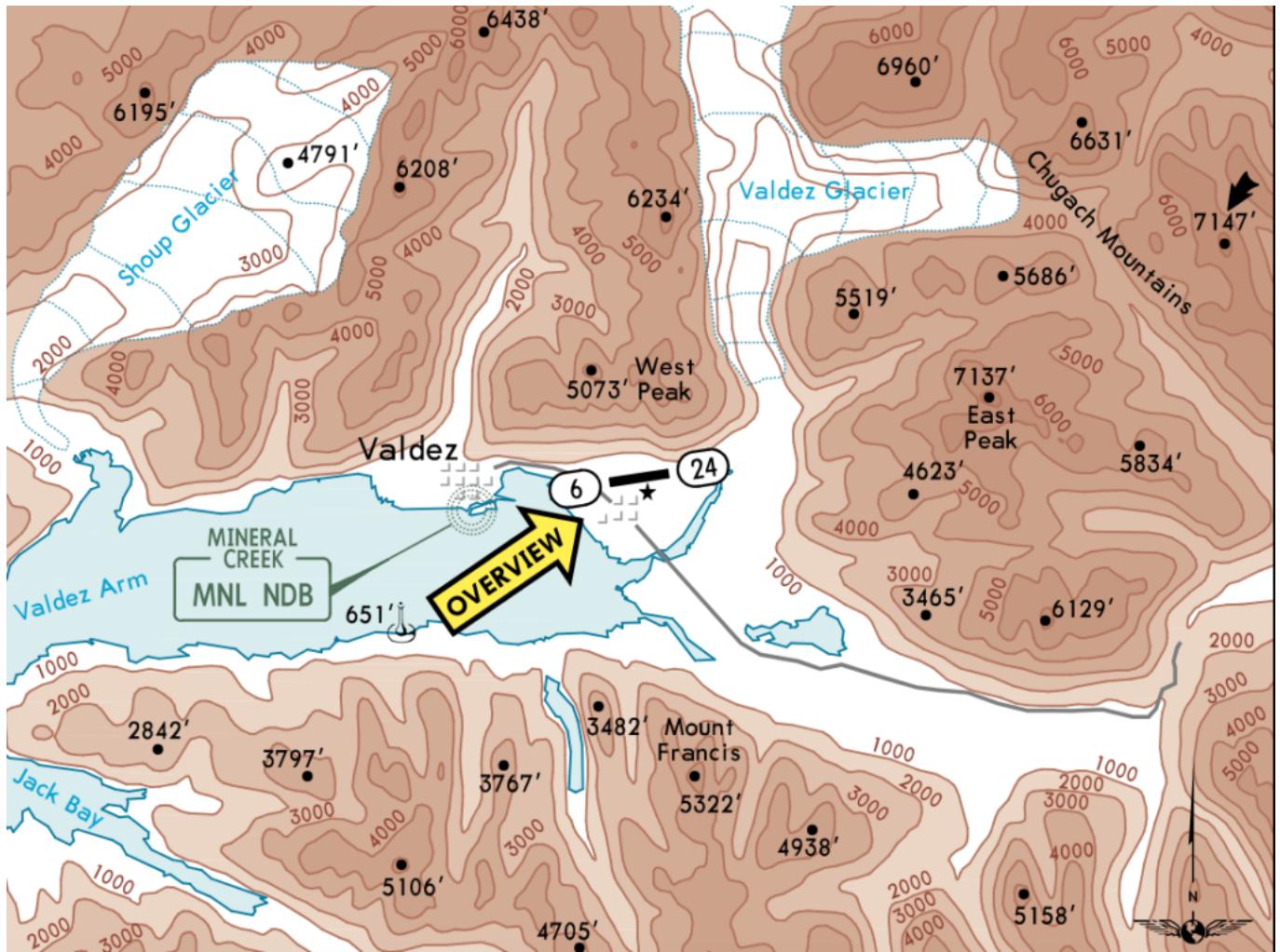
- 7790' / 2374m x 60m
- ILS 23 only
- Some pretty mean terrain around and windshear warnings
- Fuel available, maintenance support unknown
- Talk to them on +1 907-269-0751 / +1 907-592-8026
- ARFF Cat 01
- PCN 49/R/B/X/T

- **PACD/Cold Bay**

- 10,179' / 3102m x 45m
- ILS 15 / RNAV 33
- High terrain to the south
- Gets some serious fog!
- Fuel available, efficient services here
- Talk to them on +1 907-532-5000 / +1 907-465-1788
- ARFF Cat 06
- PCN unknown

- **PAVD/Valdez** (if routing from further east and you don't fancy Anchorage)

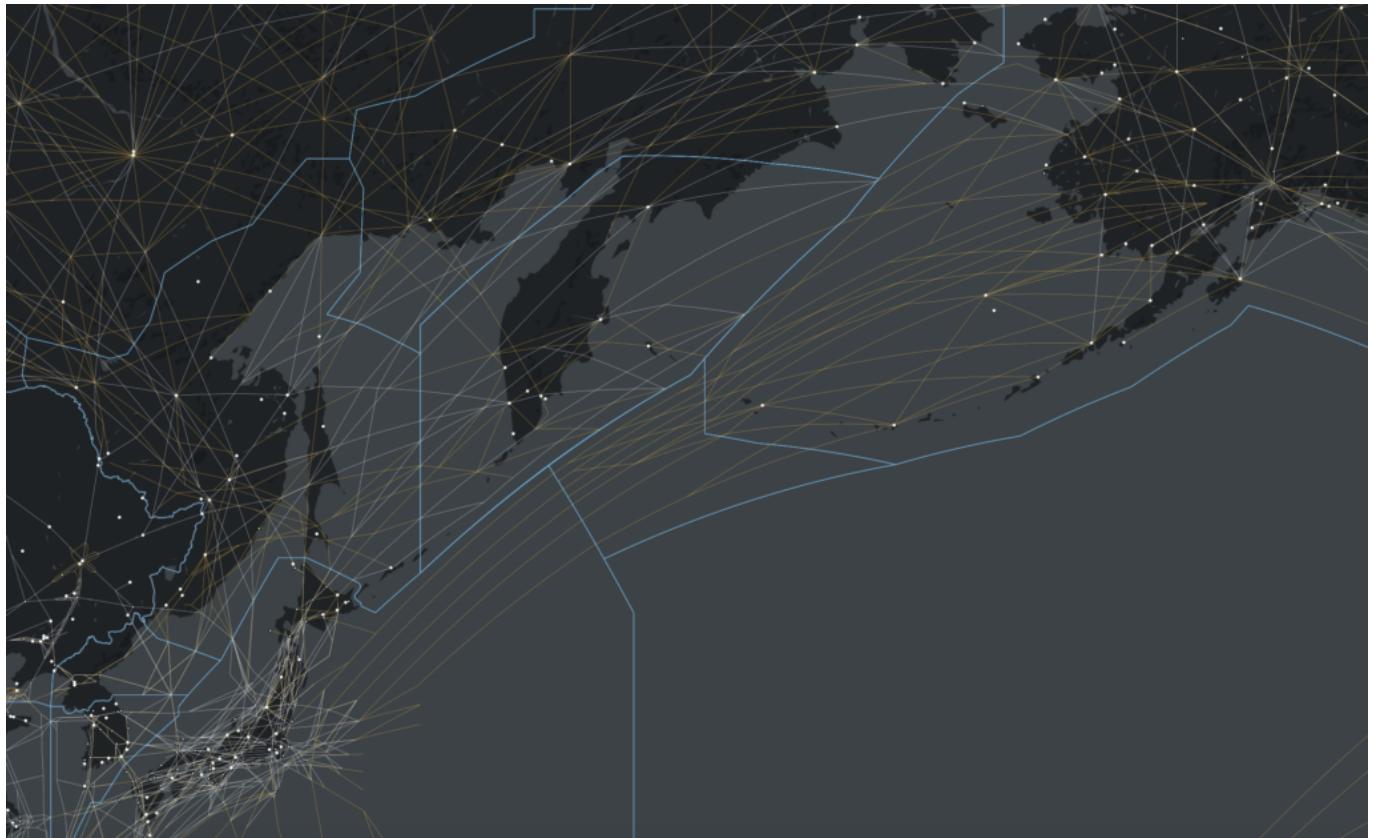
- 6500' / 1981m x 45m
- There are no straight in approaches of 05/23 because there is some serious mountainous terrain here. You need to have trained for this spot before you try it!
- Talk to them on +1 907-451-5217 / +1 907-835-5658
- Fuel and minor maintenance
- ARFF Cat 01
- PCN 54/F/B/X/T



A definite 'try before you fly' airport.

The major international airports of Alaska lie further east and aren't so useful range-wise if routing westbound.

PANC/Anchorage to PADK/Adak is approximately 3:15 hours flying time, or 1900km. PASY/Eareckson Air Station lies further east.



The westerly route options from Alaska to Asia.

## The Asia Options

With Russian airspace now off limits for many operators, aircraft attempting to route westbound from the US (via Alaska) are most likely going to have to take a more southeasterly route initially, bringing them over Japan before routing further into Asia. Past Japan, another southern dogleg (albeit it smaller) is needed to **avoid North Korean airspace** as well.

The following airport has been recommended by other operators:

- **RJCC/New Chitose (Sapporo)**

- Multiple runways 9843' / 3000m x 60m
- ILS CAT II/III available
- Major international airport with all the facilities
- RFF Cat 9
- Talk to any of the many agent and handler options

The direct distance between PADK/Adak and RJCC/New Chitose is approximately 3,300km



The Don't Go area vs the Nowhere to Go area

### For the pilots and planners

**Range, suitability and availability** are all going to be a bit of a problem with routes heading this direction. Considerations on **weather** conditions are probably one of the major things to think about. Your only real option if you need fuel or tech support is Adak airport and then onto Sapporo, depending on aircraft range.

There are **limited options available** to you if you have an emergency. Plan, prepare and monitor.

### Where else?

The full list of airports we've heard suggested are as follows:

- PANC/Anchorage
- PACD/Cold Bay
- PASY/Eareckson
- PAFA/Fairbanks
- RJCC/Chitose
- RJAA/Tokyo
- PADK/Adak
- PABE/Bethel
- PAKN/King Salomon

- RJSM/Misawa
- PAOM/Nome
- PASN/St. Paul Island

If you are operating westbound and have been impacted by the Russian airspace bans, let us know what airports you considered at [team@ops.group](mailto:team@ops.group)

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## Iridium fault prompts ban by Oceanic ATC

Declan Selleck  
8 March, 2022



Aircraft Operators using the Iridium Satellite service for ATC comms should be aware of an equipment issue that has prompted a ban by a number of Oceanic ATC agencies in the last few days

Right now, Chile (SCIZ), Japan (RJJ), Anchorage (PAZA), Oakland (KZAK), New York (KZNY and KZWY) have all told operators **not to use Iridium for CPDLC or ADS-C**. Until the fault is fixed, in those regions you'll have to either use HF for ATC comms, or use another SAT provider. Auckland (NZZO) and Brazil (Atlantico SBAO) have so far only applied the ban to CPDLC alone. Nothing has been published yet by Gander (CZQX), Shanwick (EGGX), Reykjavik (BIRD) or Santa Maria (LPPO) - although we're keeping a close eye on them for any update.

Here's what happened:

On Sep 12th, an Alaskan Airlines flight had a failure of their CMU (Comms Management Unit) that caused the Iridium connection to stop working. An ATC message was sent to the aircraft but not delivered. On the next flight, the CMU power was reset and corrected the issue, and the pending message was delivered. The CMU did not recognise the message as being old, and so it was presented to the Flight Crew as a control instruction. **FSB understands that this aircraft took the climb instruction and executed the level change**, climbing 1000 feet .

Another flight, operated by Hawaiian out of Oakland, had a similar problem. This aircraft had both Iridium and Inmarsat on board, and during the flight switched over to Inmarsat as the provider. An ATC message was routed via Iridium, but didn't reach the aircraft before the switch. Some 23 hours later, on the next flight, Iridium was activated again and again the ATC message presented as a "live" instruction. On this occasion, the crew queried the instruction and did not climb.

The problem in simple terms is that if ATC sends a CPDLC message like "**Climb FL370**", which is obviously only valid for "right now", but another crew gets the message hours later, then you have a very high risk of the new crew accepting that and climbing.

For now, Iridium has a plan to fix the ground side to not allow older SBD messages to be delivered, and they say they are testing it at the moment and expect to release it soon.

OpsGroup members will be updated directly on further news.

Notam copies below:

ANCHORAGE PAZA A0626/17 - USE OF CPDLC AND ADS-C VIA IRIDIUM SATCOM IS PROHIBITED WITHIN THE ANCHORAGE OCEANIC, DOMESTIC AND ARCTIC FLIGHT INFORMATION REGIONS (FIRS). SFC - UNL, 13 OCT 19:40 2017 UNTIL 13 NOV 00:00 2017 ESTIMATED.

CREATED: 13 OCT 19:35 2017

NEW ZEALAND AUCKLAND NZZO B4985/17 - USE OF CPDLC (DATALINK) VIA IRIDIUM SATCOM

IS PROHIBITED WI NZZO FIR. COMMUNICATION WI NZZO FIR IS TO BE VIA HF RDO ON THE APPROPRIATE SP6 FREQ. OPERATORS USING IRIDIUM SATCOM MAY CONTINUE TO USE ADS-C FOR POSITION REPORTING WI NZZO FIR. HF VOICE POSITION REPORTS ARE NOT REQUIRED UNLESS SPECIFICALLY REQUESTED.

08 OCT 21:56 2017 UNTIL 08 JAN 21:00 2018 ESTIMATED.

CREATED: 08 OCT 21:56 2017

OAKLAND KZAK A4306/17 - FOR ACFT EQUIPPED WITH IRIDIUM SATCOM, USE OF CPDLC AND ADS-C VIA IRIDIUM SATCOM IS PROHIBITED WITHIN OAKLAND CENTER OCEANIC AIRSPACE. COMMUNICATION WITH KZAK MUST BE VIA HF FOR IRIDIUM USERS.

13 OCT 19:49 2017 UNTIL 31 DEC 23:59 2017. CREATED: 13 OCT 19:54 2017

NEW YORK KZNY A0334/17 - USE OF CPDLC AND ADS-C VIA IRIDIUM SATCOM IS PROHIBITED WITHIN NEW YORK CENTER OCEANIC AIRSPACE. 13 OCT 19:27 2017 UNTIL 30 DEC 08:00 2017. CREATED: 13 OCT 19:38 2017

NEW YORK KZKY A0502/17 - USE OF CPDLC AND ADS-C VIA IRIDIUM SATCOM IS PROHIBITED WITHIN NEW YORK CENTER OCEANIC AIRSPACE. 13 OCT 19:27 2017 UNTIL 30 DEC 08:00 2017. CREATED: 13 OCT 19:36 2017

BRAZIL ATLANTICO SBAO N0095/17 - FOR ACFT EQUIPPED WITH IRIDIUM SATCOM, USE OF CPDLC IS PROHIBITED WITHIN ATLANTICO CENTER OCEANIC AIRSPACE. FLIGHT CREWS CAN LOG ON SBAO TO ALLOW THE USE OF ADS-C FOR POSITION REPORTING. COMMUNICATION WITH SBAO MUST BE VIA HF. IF USING ADS-C POSITION REPORTING, HF VOICE POSITION REPORTS ARE NOT REQUIRED UNLESS SPECIFICALLY REQUESTED. 15 OCT 12:00 2017 UNTIL 13 JAN 12:00 2018. CREATED: 15 OCT 01:22 2017

JAPAN FUKUOKA RJJJ J7236/17 - FOR ACFT EQUIPPED WITH IRIDIUM SATCOM, USE OF CPDLC AND ADS-C VIA IRIDIUM SATCOM IS PROHIBITED WITHIN FUKUOKA OCEANIC

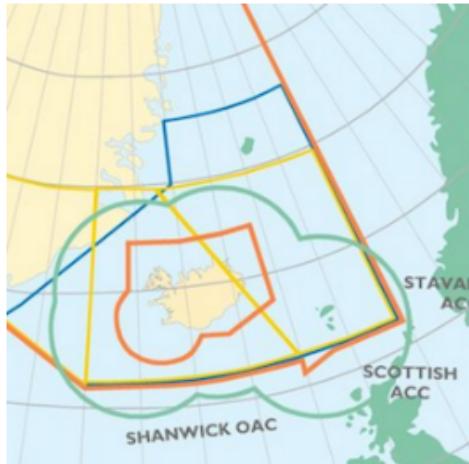
AIRSPACE. COMMUNICATION WITH RJJJ MUST BE VIA HF FOR IRIDIUM USERS. 16 OCT 10:08 2017 UNTIL UFN. CREATED: 16 OCT 10:09 2017

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## Midweek Briefing 04MAY: New US CBP Airport, Iceland ATC Strike continues

Cynthia Claros  
8 March, 2022

<b>INTERNATIONAL BULLETIN</b>	<b>ISSUED BY FLIGHT SERVICE BUREAU</b>
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**New US CBP Airport** 04MAY A new US Customs facility opened in KMTH/Marathon on 20APR, to facilitate increased traffic to Cuba. [Read the article.](#)

**Iceland ATC Strike continues** 04MAY Icelandic controllers are in a pay dispute with Isavia, leading to multiple strike actions at BIKF/Keflavik and BIRK/Reykjavik. Last week BIKF was closed overnight at short notice. [Read the article.](#)

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**EHAM/Amsterdam** and other Dutch airports will observe a two minute silence on ATC frequencies today, 04MAY, from 1800-1803Z. ATC will arrange traffic flow so that no aircraft will land or taxi during this period, meaning likely delays, albeit for a short period.

**SECU/Cuenca, Ecuador** remains closed after an E190 slid off the main runway on 29APR, latest estimate is no reopening before 06MAY.

**CZZZ/Canada** Visa-exempt foreign nationals can enter and exit Canada by air without an Electronic Travel Authorization until 29SEP2016. After that date, these travelers will need to obtain online authorization to visit.

**BIZZ/Iceland** Multiple ATC Strike actions for BIRK and BIKF are ongoing, check NOTAMS and with handler for latest. [Read article.](#)

**TFFR/Guadeloupe** has ongoing main runway closures due to WIP, current shown are 04MAY 0200-1015Z, 17MAY 1000Z- 18MAY 1600Z. Only helicopters will be allowed to operate during these periods.

**UIBB/Bratsk** has a fuel shortage until 31MAY, non-scheduled movements are by PPR only.

**NWWW/Tontouta** has an ATC staff shortage and requires slots for arrival until 31MAY, Tel +687 352437. Work on 11/29 is also ongoing, check NOTAMS for any current outages, which will close the airport.

**EGGX/Shanwick** is trialling transferring westbound flights direct to a HF frequency rather than via an initial VHF frequency, using CPDLC. The default frequencies will be HF 5649 H24, 2872 0000-0900 and 1800-2400, and 8879 0900-2100.

**PAZA/Anchorage** has published new procedures Eff 28APR for User Preferred Routes within the PAZA FIR, refer A0075/16.

**SVZZ/Venezuela** changed timezones on 01MAY to UTC-4. In addition, all public offices, including public ministries, will only operate on Mondays and Tuesdays until further notice.

**TTZP/Piarco FIR** is trialing ADS-C and CPDLC with ident TTZP until 31MAY. Flights entering the FIR east of 57W should log on 15 minutes prior to the boundary with TTZP.

**UHSS/Yuzhno** has advised that B777 aircraft are limited to 310T during the summer period.

**UIAA/Chita** is only available as alternate for one specific airline (Aurora) between 0930-2100Z. Outside these times ops normal.

**WSZZ/Singapore** has introduced a fingerprint clearance system to verify the thumbprints of arriving and departing travelers ages six and above at select immigration checkpoints. The system will be progressively implemented starting at the manned immigration counters of sea and land checkpoints, followed by air checkpoints until full implementation is completed in the months ahead. Travelers should be prepared for slightly longer immigration clearance times at manned checkpoints, especially during the initial implementation stage of the project.

**YZZZ/Australia** Border Force employees have been banned from taking industrial action at airports for three months; the threat of ongoing strike action caused much concern for operations in March.

**RJTT/Haneda** the airport authority has changed the number of slots available for general aviation aircraft. Effective 25APR, slots for GA during the daytime (0600-2259 local) will be increased to 16 total for arrival and departure (from eight in the past). Note that there are no slots restrictions for night time operations (2300-0559 local).

**CYVR/Vancouver** will have one of its main runways 08R/26L closed nightly between the hours of 05-13Z 08MAY-02SEPT for construction. During the day (13-05Z) the runway will have the ILS on 08R/26L out of service, along with no approach lighting on runway 26L.

**SLZZ/Bolivia** Certain medications prescribed for personal use are treated as narcotics in Bolivia, with severe penalties for import or export without a valid prescription from a doctor; make sure you carry a letter from a doctor describing the medical condition and any prescribed drugs and that they are in their original containers and clearly labelled.

**EBBR/Brussels** has partially reopened the departure hall, which has remained closed since 22MAR. 110 Check-in counters will be open in the airport departure hall along with an additional 36 counters that are housed in temporary buildings. The EBBR airport authority expects this will bring the airport up to 80% of capacity.

**EZZZ/Europe** Bulgaria, Turkey and Romania will begin a project to interface their ATC systems so they

can handle a significant build-up of airspace traffic in the Black Sea area. New routes are expected by mid 2016.

**LEZZ/Spain** The Spanish F1 Grand Prix is being held from 13MAY-15MAY and will bring heavier than normal traffic to LEBL/Barcelona and LEGE/Girona.

**HEZZ/Egypt** Individual travellers will in the future require a visa before entering Egypt. The exact date of the implementation of this rule is not yet determined. The visa must be applied for from the Egyptian embassy and the consulate generals before departure.

**GVZZ/Cape Verde** Aviation officials issued a statement announcing that national airports are open and operational. The statement was released following reports that flight operations had been suspended at the country's airports.

**ORZZ/Iraq** Iran canceled all flights to Baghdad following a breach of the International Area by protesters on 30APR. The demonstrations have caused problems for pilgrimage flights to Baghdad, and those flights will operate instead to ORNI/Najaf.

**VIDP/Delhi** has opened a new ATC tower (which is the country's tallest at 60 metres). VIDP will also be starting construction on a 4th runway this year and is expected to be completed by 2018 which will increase the airport arrival rate to 105 landings an hour, and will mitigate the common airborne holding.

View the full International Bulletin for 04MAY 2016

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## Monday Briefing: Cuba Travel opens up, Chile Airport strike ends

Declan Selleck  
8 March, 2022

<b>INTERNATIONAL BULLETIN</b>	<b>ISSUED BY FLIGHT SERVICE BUREAU</b>
	SITA HNLFSXH AKLFSXH AFTN KMCOXAAL EMAIL INTL.DESK@FSBUREAU.ORG



**Cuba Travel opening up** 21DEC Negotiations between the USA and Cuba on scheduled air services

between the two countries are progressing at pace; meaning that we expect to see sanctions on private US Tourism Travel lifted as early as next March. See more below.

**Chile Airport Strike ends 21DEC** A four day strike was ended yesterday 20DEC in Chile by the Trade Union, as 3000 Airport workers across the country responded to the governments rejection of a pension plan. Several hundred flights were cancelled. Non-scheduled operations were largely unaffected, but the risk of further action remains.

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**HUEC/Entebbe ACC, Uganda.** ATC in Uganda is reporting a significant increase in the number of flights entering their airspace without prior coordination from Sudan and Congo (Khartoum and Kinshasa FIRs). Regional ATC in Africa is known to be challenging, but this warning deserves attention. Crews should make all efforts to contact each FIR 10 mins in advance - HF 11300, or relay on 126.9 if unable.

**KZMA/Miami FIR** SpaceX announced Sunday it has pushed back its planned launch of a Falcon 9 rocket with 11 communications satellites to 2033 ET Monday. KZMA has issued NOTAM A1357/15 for launch. It will also affect the KZJX Jacksonville FIR and TJZS San Juan FIR. The FAA will also issue tactical advisories regarding the launch and will most likely restrict operation on AR6 and AR15.

**EGGX/Shanwick** have issued a reminder to flights operating on the "Tango Routes" (T9, T16, T213) that HF in all cases is required to operate here, and crews should be trained in the procedures. Request OCA Clearance 50 mins in advance. Primary/Secondary HF freqs: Southbound 6547/8879, Northbound 8879/6547.

**LIPH/Treviso** Fuel spillage on the runway has closed the airport until 1700Z today 21DEC.

**Cuba and USA** Reports in the international media last week indicated that an agreement between Cuba and the US is likely to be signed early next year, allowing up to 110 scheduled flights: 20 to Havana, 10 to each of the other 9 international airports in Cuba. At present, US visitors must still fall in to one of the 12 official categories for authorised travel; however, once scheduled services are in place, we anticipate this to be the leverage to remove the final hurdle for US citizens - visiting Cuba for tourism. The first flights will likely operate in early March.

It should be noted that there are no restrictions on the Cuban side. US Aircraft can land in Havana with a routine **Landing Permit issued by IACC**, and US Aircraft can overfly with a routine **Overflight permit**. We anticipate that the requirement for a permit will stay in place as this is routine in most Latin American countries, primarily to check Navigation Fee debts and Operator Profile.

**Georgia and Ukraine** On 18DEC2015, the EC announced that both Georgia and Ukraine meet requirements for being granted visa-free travel to the European Union's Schengen zone. However, the European Parliament and the EU member states must vote in favor of granting Georgia and Ukraine visa-free travel before they are able to do so. Reports indicated that the decision could be put to a vote as early as 2016.

**Haiti** On 19DEC, election-related demonstrations across Haiti turned violent amid accusations of electoral fraud. Violent clashes led to the burning of several government buildings. Haitian police officers stated that they were trying to restore security to the country.

**Space Weather/Polar Ops** moderate an ongoing G1 geomagnetic storm expected for Mon, Dec 21. Please check the NOAA Space weather aviation dashboard for the latest actuals and predictions [HERE](#).

**PAZA/Anchorage ARTCC** has a number of new procedures and systems in place effective 17DEC,

including 30/30 RNP4 separation, an update to the Track Advisory program for westbound Russian Tracks, and standard routings. Check the current PAZA NOTAMs for complete information.

**ZBAA/Beijing** authorities have issued a red alert for high levels of air pollution and reduced visibility. The alert will be effective until 22DEC. According to China's National Meteorological Center, air pollution levels are forecast to be slightly higher than those recorded from 06-09DEC.

**EGLL/EGKK London Heathrow/Gatwick** Airport train links will be disrupted over Christmas. The Gatwick Express trains will stop running for 10 days due to engineering works, with the last service of 2015 leaving Victoria station at 9.15pm on Christmas Eve and the first services of 2016 scheduled for 4 January. At Heathrow, the usual one-day closure on Christmas Day will be extended by three days. Neither Heathrow Express nor Heathrow Connect trains will run from London Paddington station during the period.

**UBxx/Azerbaijan** will become part of the IFPS (Integrated Flight Plan System) zone as of AIRAC 1601 on 07JAN2016. Azerbaijan will delegate responsibility for the provision of flight planning services for IFR/GAT flights within the Baku FIR to the Network Manager's Integrated Initial Flight Plan Processing System. For more info see Azerbaijan AIC 01/2016 Series A, AIP ENR 1.10, AIP ENR 1.11 and NOTAM A0126/15.

**UHPP/Petropavlovsk FIR** Volcano Karmsky has recently been active with ash reported up to 15,000 ft and possibly affecting ops on R220. Please check for the latest Tokyo VAAC advisories.

**The ICAO Council** adopted a new tracking standard for certain international flights that requires crews to report their aircraft's positions at least every 15 minutes. It will become effective in March 2016 and applicable 08NOV2018. The new requirement also will be formalized as Amendment 39 to Annex 6—Operation of Aircraft, Part I. Only aircraft with a maximum takeoff weight of more than 59,000 pounds and a passenger seating capacity of more than 19 are affected by the rule. Also, the requirement applies to over oceanic and other remote areas, and where air traffic service is obtaining position information greater than 15-minute intervals.

**Christmas and New Years** closures. Check opening times carefully during the next 2 weeks, as many major airports and FBO's have closures, especially on 24, 25, 26DEC and 31DEC/01JAN.

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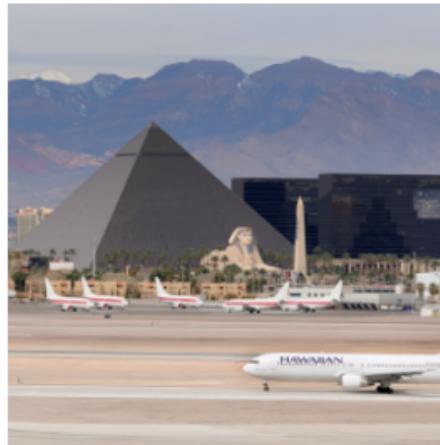
## Monday Briefing: NAT Tracks Change Postponed, KLAS/Las Vegas restrictions

Cynthia Claros  
8 March, 2022

# INTERNATIONAL BULLETIN

ISSUED BY FLIGHT SERVICE BUREAU

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**NAT Tracks Change Postponed 16NOV** The planned implementation of reduced separation in the Organised Track System (OTS) has been postponed. During final testing, a software issue was identified by ATC, and as a result the previous track structure remains unchanged. New waypoints introduced on 12NOV are useable. A revised implementation date is expected to be announced today, 16NOV.

**KLAS/Las Vegas restrictions 17NOV** Increased traffic from Monday 16NOV due NBAA Conference. Special Procedures in effect from 14NOV-23NOV affecting KLAS, KHND, and KVGT, refer to this NBAA link for details. If you are visiting the NBAA Conference, you can meet the Flight Service Bureau team at stand C12050 in the Central Hall, and collect your free show pack.

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**KAUS/Austin** A technical problem with ATC equipment in the Austin Tracon will likely lead to delays today; service is being provided by Houston Centre instead, with a Ground Delay Program planned to manage capacity.

**KLAS/Las Vegas** Increased traffic from Monday 16NOV due NBAA Conference. Special Procedures in effect from 14NOV-23NOV affecting KLAS, KHND, and KVGT. Refer to <https://www.nbaa.org/events/bace/2015/air-traffic/>. If you are visiting the NBAA Conference, you can meet the Flight Service Bureau team at stand C12050 in the Central Hall, and collect your show pack (you can reserve one [here](#)).

**KXXX/USA** Several incidents reported of laser beams pointed at aircraft, on 13NOV Southwest and American were targeted at KPHX/Phoenix, and on 11NOV three aircraft at KDAL/Dallas Love were illuminated.

**KXXX/USA** Runway Closures BWI-RWY 10/28 CLOSED SEA-RWY 16C/34C CLOSED LAS-RWY 7L/25R CLOSED

**KXXX/USA Snowbird 2015:** The FAA have published details of Traffic Management plans for the east coast of the US during the Thanksgiving holidays, effective 24NOV to 30NOV. The highest volume days will be 25NOV and 29NOV, expect delays on north/south routes to Florida during this period. Read the full details of the airspace initiatives [here](#).

**EINN/Shannon** Has an overnight runway closure from 17NOV-20NOV 2300-0500Z for essential

maintenance. If another ETOPS alternate is required on these nights consider EIDW/Dublin, EGAA/Belfast or EGPF/Glasgow.

**LFXX/France** A Notam issued Friday (A4850/15) regarding Border Controls remains in place, in practice the Notam is a reminder to airlines of existing requirements only. Expect delays due security checks at all French Airports, and many closures of public buildings and transport systems in France.

**VLVT/Vientiane, Laos** has reopened after a runway closure on 13NOV due to a disabled aircraft. An MA60 had aquaplaned and partially blocked the runway.

**MNXX/Nicaragua** closed its border with Costa Rica on Sunday 15NOV in response to the wave of Cuban migrants moving northward to the United States. Costa Rican officials had previously issued transit visas to approximately 1,200 detained Cuban refugees at the Panamanian border. One Cuban migrant stated that there were approximately 2,000 Cubans waiting on the Costa Rican side of the Nicaraguan border.

**NFFN/Nadi, Fiji** Refurbished departure lounge opens today 16NOV; the government will spend another 105 million USD to upgrade the Airport further in the coming year.

**PAZA/Anchorage FIR** Two new waypoints have been added for Polar operations. Those waypoints are LETUN and BAREK.

**LFxx/France** ATC Industrial action planned for 17NOV has been cancelled.

**Llx/Italy FIR** There has been a call for an Italian National Strike, including ENAV ATC personnel, on 24NOV 1200-1600 UTC. More information will be posted as soon as it is available.

**PLCH/Christmas Island** As per NOTAM A1581/15 Jet A-1 fuel limited in supply. Sched flights to minimize fuel uplift on arrival or maximize tankering into PLCH. Tech stops cannot be made. In effect until 04DEC.

**PKMJ/Marshall Island** Construction is planned at the eastern end of RWY25; authorities have notified expected delays of up to 30mins including airborne holding.

**FMEE/Reunion** Airport will be closed from 16NOV-28NOV on Mon, Weds, Fri for surface work. Airfield cannot be used as an alternate except in case of emergency. All traffic services will be provided normally for all aircraft crossing La Reunion TMA. Refer to NOTAM A1452/15.

**FAA** The FAA is rolling out Controller Pilot Data Link Communications-Departure Clearance (CPDLC-DCL). Currently, only George Bush Intercontinental Airport in Houston, TX (IAH), William P. Hobby Airport in Houston, TX (HOU) and Salt Lake City International Airport in Utah (SLC) are operational, however, the FAA plans to bring 56 airports online by the end of 2016. KTEB/Teterboro is scheduled to be operational by the end of MAR2016.

**View the full International Operations Bulletin for 16NOV2015**