

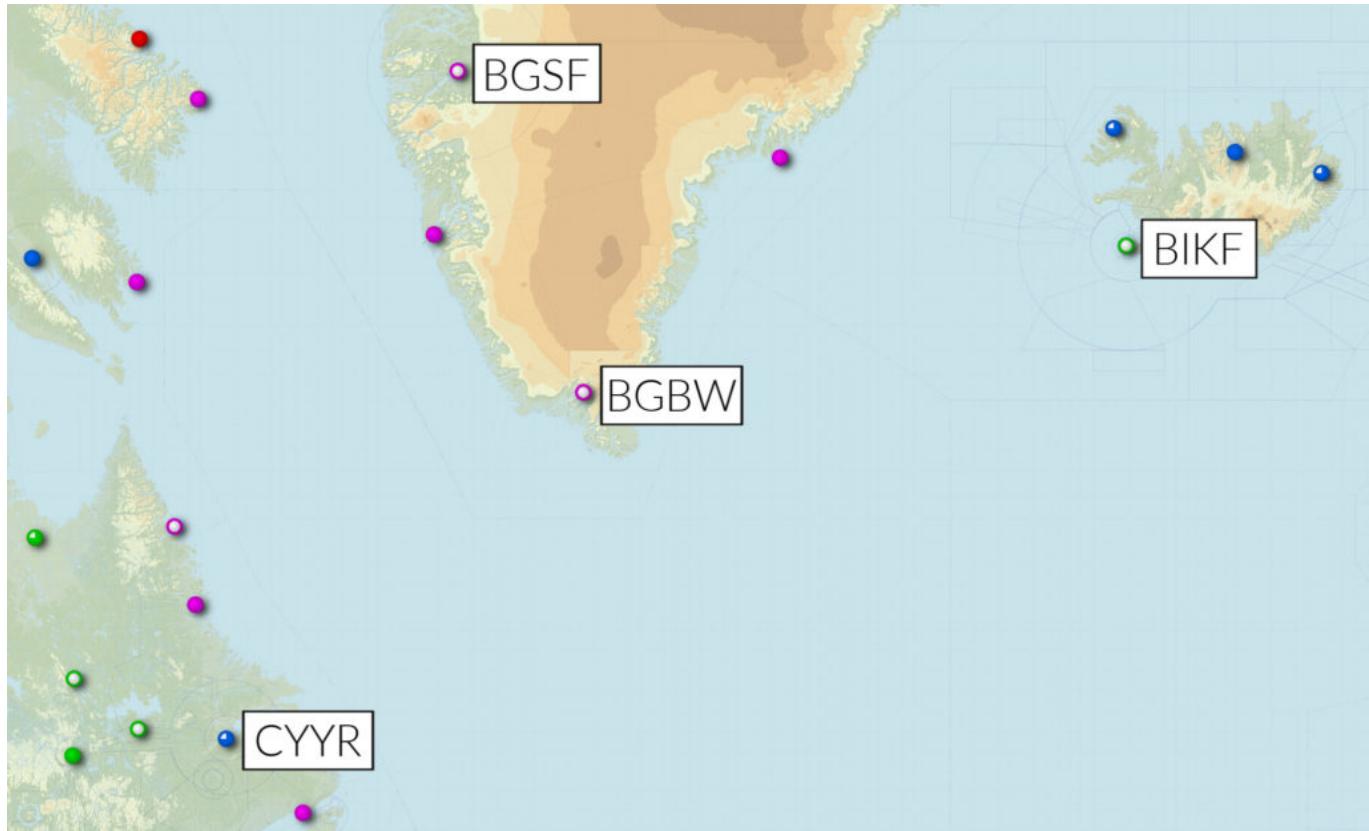
Greenbacks and Greenland - \$3000 to file as an alternate

David Mumford
3 April, 2019



Trans-atlantic operators who have been putting **RALT/BGBW** or **RALT/BGSF** on their flight plans have been receiving **hefty invoices post-flight**.

Both BGBW/Narsarsuaq and BGSF/Kangerlussuaq are popular airports to use in flight planning as an emergency divert and for ETOPS, as they are perfectly positioned right in the middle of the big empty chunk of nothing that exists between the east coast of Canada and Iceland.



Both airports are open Mon-Sat 11-20z (8am-5pm local time), and completely closed on Sundays and on public holidays (watch out for these sneaky ones!).

So if you file a flight plan with either as alternates from Mon-Sat 11-20z, you won't get charged.

But outside these hours, you **will** get charged. It gets slightly complicated here: the charges in the box below apply when they stay open for you to use as an ETOPS alternate at any time that they are **closed** (which is between 20-11z), but there's an extra 10% charge on top of that for any time they are **closed and fast asleep in bed**, (which is between 00-08z). Got it?

F. Openings in connection with ETOP operations:	Scheduled Flights	Non-Scheduled Flights
f.1. 1 May – 30 September, for every hour commenced	-	4.440,00 kr.
However minimum	-	13.320,00 kr.
f.2. 1 October – 30 April, for every hour commenced	-	5.290,00 kr.
However minimum	-	15.870,00 kr.

Important to note: these get charged even if you don't actually divert to BGBW/BGSF. 15,870 Danish Krone equates to \$2585 USD!

If you want them to stay open for you to use as an ETOPS alternate, you need to put RALT/BGBW or RALT/BGSF in your flight plan – they'll see it, and will stay open for at the times you need. But bear in mind that if they're closed already at the time you file your flight plan, they won't see it! So they prefer you to do it properly and arrange everything in advance by email: get in touch with them at PPR@mit.gl

If you get an invoice from a company called Global Aviation Data A/S, unfortunately it's not a scam email – they are the guys who work with Greenland Airports to collect the monies owed when operators request these airports to stay open for them.

The really interesting thing is this – if more than one operator asks BGBW/BGSF to stay open for them **at the same time**, the costs are **not shared** between these operators – they both have to pay the standard fees! That’s great news for the Government of Greenland, who will be getting paid multiple times by different operators for BGBW/BGSF to stay open at the same time!

Greenland FIR to change its name

David Mumford
3 April, 2019



The BGGL/Sondrestrom FIR, that covers all of Greenland's airspace, is changing its name to the 'Nuuk' FIR, effective Mar 1.

This name change has come about following the reallocation, during autumn 2014, of the COM Centre, Rescue Coordination Centre and the Flight Information Centre from BGSF/Kangerlussuaq Airport (commonly referred to as Sondrestrom airport) to Greenland's capital, Nuuk.

So “Nuuk Information” is the new identification/radio callsign for the aeronautical station serving the Flight Information Centre in Greenland; whereas “Nuuk AFIS” will still get you through to the aerodrome flight information service at BGGH/Nuuk Airport.

You can read the full AIC [here](#).

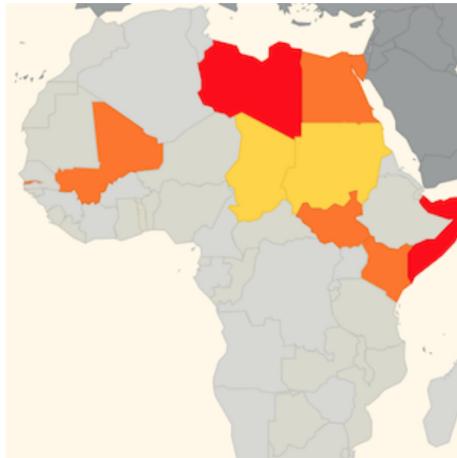
Further reading:

- Do you use BGBW/Narsarsuaq as a trans-atlantic alternate? Watch out, you may receive a hefty bill. Full details [here](#).

International Bulletin: B767 shot on approach to Rio, Updated SafeAirspace Map

Cynthia Claros
3 April, 2019

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



B767 Shot on approach to Rio

18JAN A B767-300 was fired on last night during approach to Runway 15 SBGL/Rio de Janeiro. One 7.62mm bullet lodged in the left wing. Read the article.

Updated SafeAirspace Risk Map

18JAN We have updated SafeAirspace with information for Aircraft Operators on The Gambia, North Korea, Brazil, Ukraine, and Turkey.

GBZZ/The Gambia State of emergency declared on 17th January. Foreign citizens being evacuated. Banjul International Airport (GBYD/BJL) and land borders remain open, for now. More at safeairspace.net/information/the-gambia.

UKZZ/Ukraine Flight Service Bureau has issued an updated summary for Ukraine's airspace. **There are two risk issues in Ukraine.** First: arms fire. Including MH17, multiple aircraft (the others all military) have been shot down since the beginning of the Donbass region war in 2014. The 10th ceasefire was declared in December 2016, but not holding. This risk is contained within the Dnipropetrovsk FIR - UKDV. **The second issue** affects the Simferopol FIR which is **Disputed Airspace**. (Ukraine:UKFV, Russia:URFV). In March 2014, Russia annexed Crimea. The ATC Center is in Simferopol, Crimea, and is now run by Krymaeronavigatsiya. Russia claims the airspace. Ukraine refuses to recognise the change, and asks crews to talk to Ukrainian controllers in Dnipro/Odesa ACC instead of Simferopol ACC. Four routes are approved by EASA through the high seas portion of the airspace.

KIAD/Washington and area airports - guaranteed busy during the Presidential Inauguration this Friday, Jan 20. Updated restrictions here. Departure slots required for aircraft departing IAD between Friday, Jan. 20 and Sunday, Jan. 22. Departure slots can be obtained through an IAD FBO of choice (Ross Aviation or Signature Flight Support). Slots will be divided equally between the two FBOs at IAD.

VZZZ/Southeast Asia Lunar New Year holiday season, which falls on 28th Jan. Travel-related delays and government office and business interruptions will peak 27 Jan to 01 Feb, and could last longer in Taiwan, Vietnam and China, where the holiday will be celebrated through 02FEB.

BGBW/Narsarsuaq A seasonal reminder that if you're planning to use Narsarsuaq as a destination, alternate, or enroute alternate outside of the operating hours (MON-SAT 1000-1900z daily until 03APR), you must contact the airport in advance to apply for them to stay open for you:

Email: bgbw@mit.gl. Also make sure you file your ATC FPL including the AFTN address: BGBWZTZX.

EKCH/Copenhagen A copy of the AOC must accompany fuel release or expect an MOT charge of approximately \$1.70 USD to be charged. Next destination must be shown on the fuel release or expect delays.

EGPH/Edinburgh, Scotland Until Apr 1st, you will need PPR to operate to Edinburgh, due to reduced parking capacity.

RPLB/Subic Bay will be closed for maintenance bewtween 0100-0800z until January 20th.

SKZZ/Colombia New Tower and ACC for Bogota. From 16th Jan - 15th Feb moving of Bogota's ACC will take place. ATS/AIS/COM/MET/ATFM services transition process should not affect operations, however, due to the large change extent foreseen, some failures might occur in the process. AIC 1/17 outlines contingency procedures in place

SVZZ/Venezuela has closed its land borders with Colombia and Brazil periodically in the last 12 months. Border closures occur frequently, often with short notice. The Venezuelan government will withdraw the 100 bolivar note (VEF 100) from circulation as of 20 January 2017.

LYBA/Beograd If you have any outstanding navigation fees in Serbia, better get them paid, or they'll add a 9.88% interest charge.

HSSS/South Sudan Flight Service Bureau has issued an updated summary for South Sudan's airspace: Conflict Zone. South Sudanese Civil War since 2013. The security situation in Juba has been relatively calm since the July 2016 crisis. Daily reports of fighting throughout the rest of the country. The security situation is especially unstable in the Equatorias in the south. MANPADS risk to overflights. In addition, the South Sudanese army has declared intention to shoot down Aircraft without permits. Most Authority guidance recommends min FL260. We think FL300 is a better minimum for overflights.

ZKKP/North Korea Flight Service Bureau has issued an updated summary for DPRK North Korea's airspace: The level of tension on the Korean peninsula can change with little notice. Multiple missile launches in 2016, increasingly without prior notice to ICAO. The range of these has increased - previously safe airways B467 and G711 are now at risk. Over 1000 reports of GPS jamming issues reported by operators in the vicinity of the North/South Korean border. SFAR79 prevents US operators from operating west of 132E, other Authorities restrict operations east of that line.

ZZZZ/Worldwide How have you been getting on with the new ICAO SID/STAR phraseologies? In short, some countries are implementing, and others aren't. What is your country doing? Tell us at bulletin@fsbureau.org.

Midweek Briefing 13JUL: South Sudan off limits, New Zealand airport strike off

Cynthia Claros
3 April, 2019

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South Sudan off limits 13JUL The security situation in Juba, and South Sudan, has deteriorated in the last week, with HSS/JUB becoming off limits due to fighting. Read the article.

New Zealand airport strike off 13JUL A planned strike by Aviation Security across airports in New Zealand, which would have led to wide scale disruption, has been called off at the last minute. Read the article.

BGBW/Narsarsuaq Current hours are Monday to Saturday 1000-1900Z. If you want to plan a visit outside these hours, or even use BGBW as an alternate, get permission from bgbw@mit.gl in advance. There will be additional costs, especially heavy on a Sunday.

SBZZ/Brazil is the latest country to wield the threat of shooting down aircraft. Last month we reported on the same language from Sudan, in reference to overflight permits. Brazil's firm stance is in relation to the Olympic Games, and says that unidentified aircraft that violate the protected airspace around facilities of the Olympic Games in Rio de Janeiro. "We are not playing," said Defence Minister Raul Jungmann. This is more of concern to a lost C172 than commercial flights (unlike Sudan, which is the reverse), but worth being aware of.

EGPZ/Poland has effectively dispensed with the Schengen agreement for now, expect full border controls at all international airports (ie. Passport check, Gendec).

EGPZ/Scottish FIR The military are carrying out some GPS jamming trials over the ocean from 12-29JUL. If you're operating in the region of Benbecula VOR, especially west of it, be aware that your GPS might stop working.

OAKX/Kabul FIR Aircraft in the eastern sections of the Kabul FIR can expect some radio issues, as a comm unit (VSAT at Ghanzi) is out of action. The advice from ATC in Afghanistan is to keep trying the assigned frequency until within range of a different transmitter; in the meantime, a bit of SLOP, IFBP and TCAS should keep you out of trouble. See full article.

MKZZ/Jamaica Significant increase in the number of confirmed cases of Dengue fever in Jamaica during the first half of 2016. Dengue fever is endemic to Latin America and the Caribbean and can occur throughout the year.

ENZZ/Norway FIR Plans are afoot to raise the transition altitude to 18,000ft. It's an age old question, why does Europe have different TA's, and the US has just one? Together with surrounding countries, and the Irish FAB, this looks to be changing – but it may take a little while. See Norway AIC 7/16.

YBBB/Brisbane FIR (and Melbourne) will be updating their software on the night of 20JUL, with a hefty 6 hour outage of CPDLC and all the other good stuff.

OAMS/Mazar-E-Sharif Fuel payment is now only accepted in cash.

NZZZ/New Zealand A planned strike by two airport workers' unions and New Zealand's Aviation Security Service (Avsec) will now not go ahead. The unions sought increases in compensation, and negotiations on their demands will take place in the coming weeks. Read the article

EYPH/Paluknys is a new location indicator for the airport in Lithuania.

ZBDS/Edros - Ejin Horo, China will open to foreign flights this month. We did battle with AIP China for 30 mins to get further info but lost the fight. If you know more, tell us and we'll share.

HSZZ/South Sudan The ceasefire announced on 11 July is holding. Juba International Airport (HSS/JUB) is open to charter operations; however, commercial flights have yet to resume. U.S. government aircraft evacuated personnel on 12 July; however, a security message issued by the embassy later in the day advised U.S. citizens to continue to shelter in place and not attempt to travel to the airport. Meanwhile, other countries, such as Japan, Uganda, and Germany plan to send military aircraft to evacuate their nationals.

SEZZ/Ecuador A large earthquake (6.4) struck on 10JUL just east of Muisne, on the northwest coast of Ecuador. The quake had a shallow depth and followed 10 minutes after another earthquake that had a magnitude of 5.9. Although strong tremors were reported in Esmeralda and Quito, there were no immediate reports of damage. The Pacific Tsunami Warning Center did not issue a tsunami warning following the quake.

UZZZ/Mt. Klyuchevskoy, Russia continues to produce ash that extends up to 25,000 feet. Movement is towards the east at 10 knots.

PZZZ/Pacific Two hurricanes to monitor: The National Hurricane Center is issuing advisories on Hurricane Celia, located more than 1000 miles west-southwest of the southern tip of the Baja California peninsula, and on Tropical Storm Darby, located several hundred miles west-southwest of Manzanillo, Mexico. Tropical Storm 05E (Darby) is on a strengthening trend...and may reach category 1 hurricane stage over the open ocean in a couple of days. For now both are expected to remain offshore.

DGZZ/Ghana African Union nationals whose countries do not have a visa-free agreement with Ghana are now eligible for a 30-day visa-on-arrival for business and tourism. The visa-on-arrival program will be

piloted for three months starting at Kotoka Airport and will be extended to other ports of entry in the future. Travellers can extend their visa upon expiry in Ghana, and business travellers can apply for a longer-term visa at a Ghanaian consular post.

BIZZ/Iceland ATC Strike continues, primarily affecting BIKF/Keflavik, BIRK/Reykjavik, and BIRD/Reykjavik Oceanic for International Operators. Restrictions on landing, eastbound, and westbound overflying traffic. Read the article

LTBB/Istanbul FIR If you've got some time on your hands, have a look at the Greece-Turkey great NOTAM argument of 2016. This is an almost annual performance, the equivalent of a street argument between two kids.. If you're busy, just skip all of it when they appear on your Pre Flight Briefing for Turkey or Greece (which they will).

View the full International Bulletin 13JUL2016

Cheapest Jet fuel on the Atlantic? \$1.15 a gallon

Declan Selleck
3 April, 2019



The cost of a gallon of Jet A1 has been rather unstable lately. Over the last couple of years, we've produced several versions of our **North Atlantic Plotting Chart**, and as we've done so, the price of Jet A1 has dropped each time across the Atlantic seaboard.

So, where is cheapest? **Answer: Keflavik.** \$1.15 for a gallon of Jet A1 at the best available commercial airline rate. Now, that was six weeks back or so, when we did the research for the chart, and prices have been rising since (tracking the Oil price pretty well).



Next best on the list is Shannon, Ireland – \$1.37 USD/USG, thanks to the Shannon Free Zone, which strips out most of the taxes that the EU levies as standard.

Next question, then: most expensive? **Narsarsuaq, at \$5.65 for a gallon.** Why so much more? Primary reason: getting the fuel to BGBW is an awful lot harder than getting it to BIKF. The rest is down to the difference in government tax policy.

Fuel price is of course not the only tech stop or diversion consideration on the North Atlantic, but given that security, safety, and service quality is pretty much equal across the entire NAT region, it's an important factor – along with the cost of handling.

If you look at the snapshot above, you can see that your G550 will cost around \$1685 including Airport Fees; taking a B787 to KEF will run around \$4300 all in.

The **North Atlantic Plotting Chart** has all this information for all the common North Atlantic ETOPS/Diversion Fields – namely: CYYT/St Johns, CYQX/Gander, CYJT/Stephenville, CYYR/Goose Bay, CYFB/Iqaluit, BGSF/Sondrestrom, BGBW/Narsarauq, BIKF/Keflavik, EGPF/Glasgow Intl, EGAA/Belfast, EINN/Shannon, and LPLA/Lajes.

[Download NAT Plotting Chart](#)