2022 Flight Ops Changes: The Big Ones

Opsgroup Team 21 December, 2022



Dear Santa...

We do hope we've been good little boys and girls this year. Last Christmas we received no presents from you at all, which was disappointing.

We did get one from ICAO that got lost in the post and then turned up in January – an update to the NAT Doc 007. *Truth be told, Santa, we didn't actually like that very much.*

It's been another busy year of international flight ops changes, Santa!

We thought you probably missed most of it, hunkered down in your Arctic grotto, beavering away on all the presents you must be making for us this year. **So we've written you a little list** – just the big stuff that's happened this year.

If you don't want to read it all, that's okay, we know you're busy! You can get nearly all the same info by playing our **Snakes On A Plane & Ladders game** that we made!

We designed it in bright **RED** and **YELLOW** colours to make it easier for you to play in the dim pre-dawn light as you're zipping around the skies on Christmas Eve!

You can download a PDF of the game here, or just click on the picture!

\rightarrow	100 2023 15 HERE	99 BOMB HOAXES DISRUPT MACEDONIA	98 LOOK OUT ADS-B MANDATES IN ON JAN 1	97 EASA TELL STAVES TO LIFT ALL COVID HARS	96 BOTSWANA DON'T HAVE NOTAMS	95 ENDLESS STRIKES OVER XMAS	94 A VOLCANO ERUPTS IN GUATEMALA	93 RIOTS CLOSE AIRPORTS IN PERU	92 FRANCE BAN FLIGHTS UNDER 2.5 HOURS	91 SOUTH AFRICA LOSE HF AND CPOLC	+
шш	90 TURKEY RISK INCREASES	89 FAA EXTENDS REG PERIOD FROM 3 TO 7 YEARS	88 AIRCRAFT HIT BY A BULLET IN LEBANON	87 SAUDI ARABIA HAS CPDLC FROM FL150 UP	86 CYBER ATTACK TAKES OUT JEPPESEN	84 Germany Myanmar Warning	85 BIZAV TO BLAME FOR EINN LEVEL BUSTS	83 GATAR WORLD CUP PLANNING TAKES OFF	82 MEXICO SWAP JET A1 FOR JET A	81 FAA PUBLISH NEW WINTER HOTS	
X	80 AIRSPACE CLOSES IN BURKINA FASO COUP	AIRWAYS AT	78 NORTH KOREA FIRE MISSILE OVER JAPAN	77 FAA EXTEND IRAQ WARNINGS FOR 2 YEARS	76 AFRICAN ATC STRIKE CAUSES CONCERN	75 Azerbaijan and Armenia concerns	74 QEII FUNERAL CLOSES LONDON	73 EASA DELAY ELT MANDATE FOR 2 YEARS	72 HURRICANES CAUSE CHAOS	71 MILITARY EXERCISE IN SHANWICK	X
25	SUSPENDED	69 EASA UPDATE THEIR RIM	68 EIDW DUBLIN OPENS THE NEW RUNWAY	67 CHINA LOCKDOWN SANYA DUE COVID	66 CANADA DELAY ADS-8 MANDATE UNTH-2023	65 canada extend canpass deadline	64 EUROPE WORRIES ABOUT SPACE DEBRIS	63 MOROCCO ATC MIGHT STRIKE	62 CHINESE MILITARY BLOCKS TAIWAIN	61 GATAR FINALLY GET THEIR OWN AIRSPACE	35
SNAKES ON A PLANE &	CORRIDOR ATLANTIC ROUTES ON HOLD	59 COLOMBIA SHUTS, TELLS NO-ONE	58 BIG FUEL STRIKE AT EGLL HEATHROW	57 ICAD EXPAND SELCAL CODES	56 VHHH HONG LONG NEW RUNWAY OPENS	55 MALDIVES ARE SHORT ON FUEL	54 EU LISA POSTPONED (TOO MUCH CONFUSION)	53 THE EGLT AIRSHOW TAKES PLACE	52 EASA PUBLISH NEW AWO REGULATIONS	SHOULD BE	2022
PLANE & LADDERS	GET FRIENDLIER FOR FLIGHTS	49 STRIKE SEASON IN FULL SWING IN EUROPE	48 sg ROLLED OUT IN THE US	47 CONFUSION OVER EGXX CLEARANCES	46 KATHMANDU GET RNP	45 WE PUBLISH A EUROPE SLOT RULE BOOK	44 saudi Arabia risk Level Reduces	43 ANTIGUA HAVE NEW NAV/ATC FEES	42 BAHAMAS DELAY CLICK2CLEAR	41 BERMUDA HAVE A TCAS MANDATE	EDITION
+	LANKA HAVE	39 THE SOUTH CHINA SEA DISPUTE WORSENS	38 ND-ONE KNOWS WHATS A "CARRIER' IS	37 FAOR OUT OF FUEL DUE DROKEN TRAINTRACKS	36 USA EASES FLIGHT RULES FOR CUBA	35 UNREST IN SRI LANKA BLOCKS AIRPORTS	34 western africa get ads-b	33 ATC BETURNS TO SOMALIA ABOVE FL245	32 POLISH ATC WALKOUT CANCELLED	31 FAA CLARIFY PERMIT TO PROCEED	→
тцтт	30 NO-ONE KNOWS WHAT EMAS IS, BUT SHOULDI	29 ADS-B PRIVACY BECOMES A WORRY	28 A BIG ATC STRIKE IN POLAND IS ANNOUNCED	27 ICELAND GETS ADS-B COVERAGE	26 FAA GET NEW PLANNING CODES	25 EUROPE AIRPORTS HAVE STAFF SHORTAGES	24 SITA (VHF) IS DEACTIVATED IN RUSSIA	23 US EAST COST FUEL PRICES START RISING	22 KTEB, KJAC, KADS CLOSE FOR WORKS	21 NEW ATC SYSTEM IN REIMS TRIALLED	
X	AIRPORT	19 EASA ANNOUNCES NEW FUEL POLICIES	18 TIGRAY REGION CEASEFIRE ANNOUNCED	17 DUBAI RUNWAY CLOSES FOR 45 DAYS	16 FUEL SHORTAGES IN NAIROBI	15 US MILITARY GPS TESTS IMPACT CIVIL AIRCRAFT	14 IRAN FIRES MISSILES AT ERBIL IN IRAQ	13 WE FIRST HEAR THE TERM 'EU-LISA'	12 EUROPE AIRSPACE BUSY WHILE UKRAINE OUT	11 RUSSIA SANCTIONS START	X
35	1 SG BECOMES A BIG PROBLEM IN US	2 US ON GROUNDSTOP DUE N.KOREA MISSSILE	3 HONDURAS GETS A NEW AIRPORT	4 YEMEN REBELS FIRE MISSILES INTO UAE	5 TONGA VOLCANO ERUPTS	6 EASA OPENS NOISE PORTAL	7 UKRAINE AIRSPACE CLOSES	8 NAT TRACKS ABOLISHED BELOW FL330	9 SINGAPORE MANDATES RNP4/10	10 FAA UPDATES OCEANIC GUIDES	25

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In fact, before we get to the long-version list of stuff that's happened...

Our Christmas Wishlist

- No more hurricanes, volcanic eruptions, floods, domestic conflicts, international invasions, drone and missile attacks, or global pandemics please. We've put this one at the top, because this is the one we **really want the most**.
- An EU-LISA teddy bear. The one where you press its tummy and it tells you a nice clear definition of what a "carrier" is.
- A set of walkie-talkies. We'll keep one and give the other to North Korea, so they can use it to tell us when they're launching test missiles.
- A big pair of scissors. So when we're doing flights over Greece or Turkey we can snip out all the pages of whingey, irrelevant Notams they publish about each other.
- **Some earplugs.** We'll use them in January when the postman knocks on the door with ICAO's annual NAT Doc 007 present, late again.

Ok, Santa, on to the good stuff - *here's* the long-version list of stuff that's happened...

January

- The US went into a **ground stop** at their west coast airports after North Korea launched a missile. Read
- The US delayed their **5G roll out** because of concerns at airports. Read
- Honduras got **new airport** MHPR/Palmerola. Read
- UAAA/Almaty airport, **Kazakhstan closed** (and later reopened) due to violent protests and unrest across the country. Read
- The Yemen conflict reached the UAE when several **ballistic missiles** targeted Abu Dhabi. Read
- NFTF/Fua'amotu airport in Tonga closed after the **eruption of Hunga-Tonga-Hunga-Ha'apai**, and the ash also disrupted some overflights in the South Pacific. Read

February

- Airlines started to avoid Ukrainian airspace after Russia's invasion, and **insurance companies started cancelling cover** for flights in Ukraine. Read
- Singapore mandated **RNP4 and RNP10** on some of its main oceanic airway from FL290 and above. Read
- NAT Tracks were abolished from FL330 and below. Read

March

- As the Russia-Ukraine conflict escalated, Russia brought in **"tit for tat" flight bans**, including bans on all US operators, and operators had to start finding new routes avoiding Ukraine and Russia. Read
- **Spillover into Europe** from the conflict and "traffic jams" in other airspace started occurring. Read
- We first heard mention of EASA's new dreaded EU-LISA (EES/ETIAS) system. Read
- Iran kicked off against Iraq again, sending missiles towards ORER/Erbil region. Read
- In the US, the military ran tests on GPS interference and it jammed civilian aircraft. Read
- Fuel shortages in Nigeria and bandits at the airport raised concerns. Read
- Ethiopia announced a **ceasefire** between fighting factions in the Tigray region. Read

April

- EASA's new fuel policy was announced and it was really hard to read. Read
- A new airport opened in **Mexico City** (MMSM/Santa Lucia) and everyone said don't use it. Read
- **Fuel prices started rising** due sanctions particularly on US east coast; and in other countries they started to announce shortages, particularly across Africa. Read
- FAA announced **new flight planning codes** for advanced capabilities. Read

- Iceland became completely **covered with ADS-B.** Read
- The mass ATC walkout in Poland was narrowly avoided. Read

May

- Reports of **flights being tracked** for nefarious reasons started to concern BizAv folk. Read
- We talked about **EMAS** because no-one seemed to know what it was. Read
- ATC returned to Somalia with Class A reinstated above FL245 during the day. Read
- We took a look at some common NAT Conundrums! Read
- US eased rules for **flights to Cuba.** Read

June

- Everyone was still **confused by EU-LISA**, who still couldn't make it clear which operators need to register to use the new system (i.e. who counted as a "carrier"). Read
- The **South China Sea dispute** got worse with China building islands and putting weapons on them and running lots of military drills. Read
- Sri Lanka completely ran out of fuel Read
- Bahamas delayed their Click2Clear because no-one understood it. Read
- Antigua brought in ${\bf new}$ ${\bf Nav/ATC}$ fees that they want in advance if you're overflying up to FL245. Read
- Saudi Arabia risk level was reduced as Houthi attacks drop off. Read
- We published a book on European Slot Rules. Read
- Kathmandu got RNP (and you should use it). Read
- The **5G rollout was delayed** in US. Read

July

- We decided **Safety used to be far more sexy** and tried to bring it back again. Read
- Flights to/from Israel got easier as Israel got friendlier with their neighbours. Read
- EASA published **new All Weather Operations** stuff and we were all confused by it. Read
- EU-LISA is postponed (thank goodness!). Read
- VHHH/Hong Kong's new runway finally opened. Read
- ICAO expanded SELCAL to include new codes. Read
- The FAA postponed the final phase of **Northeast Corridor Atlantic routes** project until April 2023. Read
- We made a picture book to help people understand the new EASA fuel rules. Read

August

- Qatar finally got the go-ahead from ICAO to set up their **own airspace.** Read
- China got angry with Taiwan and held massive drills that **shut Taiwan** because they effectively surrounded it with prohibited areas. Read
- Canada delayed their **ADS-B mandate** until Aug 2023 to give folk time to install equipment. Read
- NAT 006 is updated, and we're proud of our James Bond pun which no-one else got. Read
- EIDW/Dublin opened a new runway. Read
- We put together on the **London Airport options**, made with help from the London Underground tube map publishers, circa 1962. Read
- EASA updated their RIM and we posted a reminder of all the things people keep getting into trouble with during **ramp checks!** Read

September

- The **hurricane season** was in full force with Earl closing Bermuda, Kay closing La Paz in Mexico and then the massive Fiona reaching Canada, and Ian devastating parts of Florida.
- A big military exercise threatened to close a chunk of **EGGX/Shanwick** impacting the NAT, but then it didn't. Read
- EASA delayed their **ELT mandate** by 2 years. Read
- Azerbaijan and Armenia kicked off again and the border airspace closed, then quickly reopened. Read
- CYYZ/Toronto capped slots for GA/BA flights. Read
- African ATC went on a **mega strike!** They brought in fake ATC and we put out a big safety alert over it. Read
- The FAA extended their Iran and Iraq warnings for another 2 years. Read

October

- North Korea sent a **missile directly over Japan** causing them to issue a public warning. Read
- **Major airways** in Iraq are in close proximity to areas of airspace with high risk from drones and missiles. Read
- Florida airports reopened after Hurricane Ian raged through.
- We discovered more info on the **CPDLC trial** in the US and how BizAv are (or aren't) involved. Read
- The FAA published new winter holdover times. Read
- Everyone started planning for the **Qatar world cup** because Doha is small and no-one was sure where to park. Read

November

- A cyber attack brought down a fair few Jeppesen planning products. Read
- **ADS-B privacy issues** reared its head again with more groups questioning the privacy and security. Read
- Shannon published info on level busts and US BizAv are to blame for a lot of them! Read
- KTEB/Teterboro added new waypoints to help with the challenging circle for RWY 01. Read
- Canada published a **safety watchlist** that applies to everyone, everywhere really. Read
- The Russia-Ukraine spillover impacted more countries, with **a wayward missile** hitting Poland and concerns about UAS. Read
- Saudi Arabia got CPDLC from FL150 up. Read
- We started to **worry about Turkey** they are fighting with Syria and Iraq and their southern region is higher risk. Read
- Germany issued a warning against low level flights in Myanmar. Read
- An Emirates aircraft might have been hijacked. Read

December

- Possibly because of power outage issues, but **South Africa lost CPDLC** and FAOR/Johannesburg Oceanic airspace turned into one big IFBP area for a day or so. Read
- **Ski season started** in Europe with parking restrictions and PPR requirements aplenty. A lot of folks also head off to the **Caribbean** this time of year. We made our own pirate map. Read
- Auckland got bad fuel. Not ideal for long haul flights (so any flight trying to get to Auckland). Read
- Someone asked us about weird **Mexican timezone changes** and we realised that in April 2023 most of Mexico will stop using DST but some places along the border won't. Highly bamboozling. Read
- France banned domestic airline flights under 2.5 hours. Read
- **KPHL/Philadelphia** decided they didn't want international GA flights heading in there anymore. More

Fare-thee-well, 2022

And that brings us bang up to date, Santa, if you're still reading.

If not, we hope this whirlwind of flight ops bulletpoints has been of interest to someone out there. **Maybe a few of you weary aviation folk** who have stuck with us throughout the year []