ONE HELICOPTER
ONE GLOBE
WORLD AROUND 2017
RUSSIA / POLAND

- **В мире проживает порядка 7 миллиардов человек**
- **В мире около 1 миллиона пилотов (1/70 000)**

  Из них в США около 590 000 пилотов
- **230 полетов вокруг мира было совершено на однодвигательных легких самолетах**
- **115 полетов вокруг мира было совершено на двухдвигательных легких самолетах**
- **19 полетов вокруг мира совершено на самостоятельно собранных самолетах**
- **15 полетов вокруг мира совершено на вертолетах**
- **4 полета вокруг мира совершено на воздушных шарах**
- **3 полета вокруг мира совершено на сверхлегких аэропланах**
- **1 полет вокруг мира совершен на аэроплане с солнечными батареями**
- **Общее количество людей, поднявшихся на вершину Эвереста, около 5000**
- **Общее количество астронавтов около 550**

10-ый слёт кругосветчиков, Китай, апрель 2018

www.earhrounders.com

Первый российский успешный кругосветный перелет на вертолетах

- Август-сентябрь 2013
- Два Робинсона R66
- 43 дня
- 39 500 км
- 220 полетных часов
- Более 200 посадок

Александр Курылев, Михаил Фарих, Вадим Мельников, Дмитрий Ракитский

- 17 апреля-13 июня 2017
- 39 000 км
- Белл 407
- 57 дней
- 16 стран
- 90 посадок
- Международный экипаж
- Западное направление

57 дней

- 38 полетных дней
- 11 дней – ожидание погоды
- 8 дней – отдых и технические работы

39 000 км

- Большая вода 10%
- Россия 40%
- Канада + США 44%
- 180 полетных часов

Экипаж

Максим Сотников, капитан, частный пилот, Чемпион России по вертолетному спорту, Вице-президент Федерации Вертолетного спорта России

Марчин Шамборский, второй пилот, капитан сборной Польши по вертолетному спорту, Вице-президент Вертолетной комиссии ФАИ

Наталья Сотникова, частный пилот, штурман

Михаил Мовшин, член экипажа, пилот-инструктор

Подготовка

Время, программа, маршруты

Почему Апрель?

- Соревнования по вертолетному спорту все летние месяцы (Открытый Чемпионат России, тестовый Чемпионат мира, Кубок мира)
- Почему в западном направлении?
  - ✓ Не было уверенности, что мы получим разрешение ФАА (США)
  - ✓ Более длинный день
  - ✓ Погода в Европе весной лучше, чем в Сибири

Оборудование

- Дополнительные топливные баки
- Спасательный плот и костюмы
- Навигационное (Автопилот HELISAS, Garmin GNS-530W GPS/COM/NAV/GS, **совмещенный с курсо-глиссадной системой** KCS-55A Compass Sys/KI-**525** HS Pilot/GP **и интегрированный с** 2-Axs Auto Pilot HELISAS, **Сертифицированная навигационная база данных по территории США)**

Специальные тренинги (Академия Белл, горный тренинг, покидание тонущего вертолета)

Горный тренинг

HNZ TOPFLIGHT

Canadian Helicopters Limited
3130 Airport Road,
Penticton, B.C.
V2A 8X1

Покидание тонущего вертолета (СПб)

➢Дополнительные топливные баки

TURTLE-PAC 100 галлонов

Штатный доп. бак на 72 литра, встроенный в багажное отделение

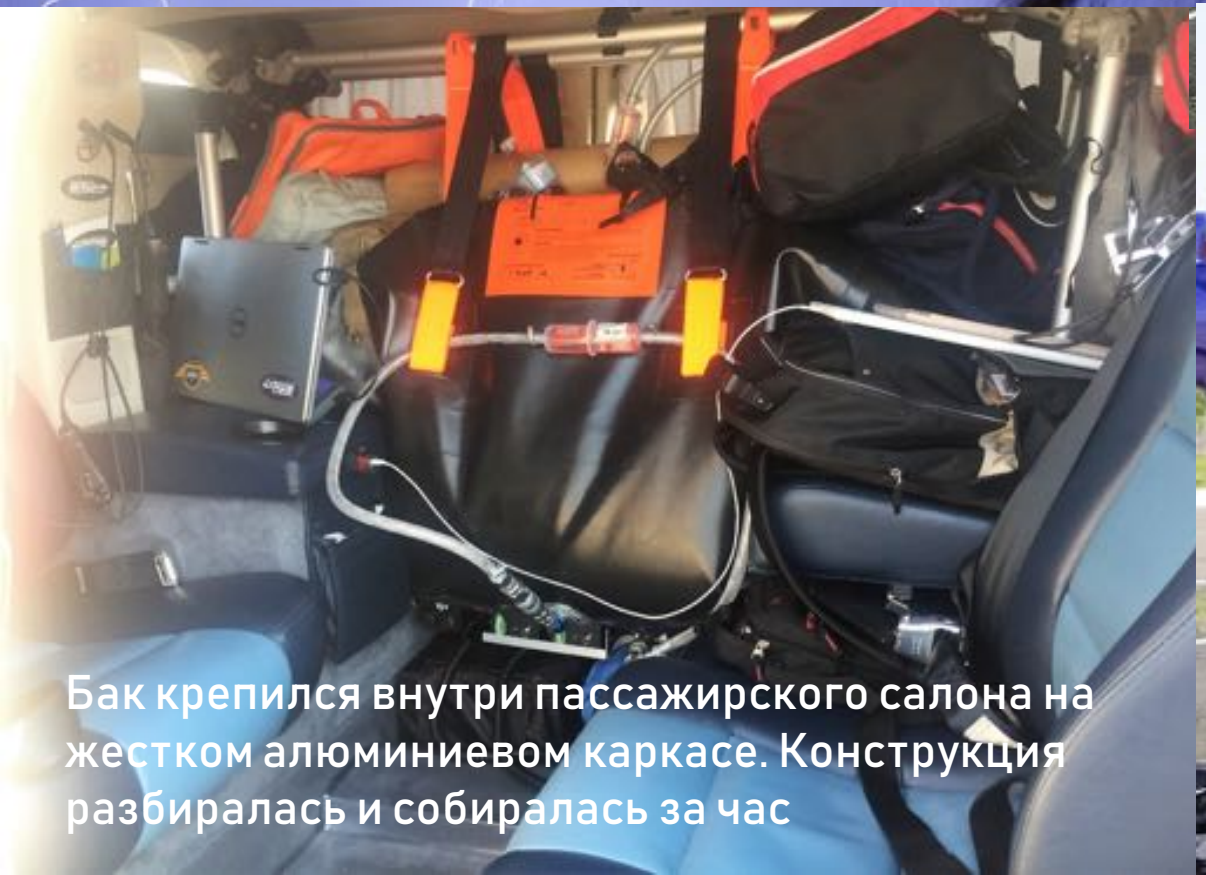
Дополнительный резиновый подвесной бак на 60 литров

Мы могли заправить примерно 1000 литров и оставаться в воздухе 5,5 часов

Запас хода до 1200 км без дозаправки

➢Спасательный плот для 4-х человек и костюмы

Доп.бак на 100 галлонов



Бак крепился внутри пассажирского салона на жестком алюминиевом каркасе. Конструкция разбиралась и собиралась за час

Старт на аэродроме Конаково 17 апреля 2017

Польша, Варшава

Австрия, Зальцбург

Германия, Вормс

Бельгия, Сан-Юбер

LA VOIX DU NORD

Un couple russe fait escale à l'aéroport avec un hélicoptère à quatre millions de dollars

Maxim et Natalia Sotnikov se sont lancés dans un tour du monde en hélicoptère. Un exploi rare que ces deux retraités mettront trois mois à réaliser. Vendredi matin, ils étaient en escale à l'aéroport du Touquet.

Par Hélène Lancial | Publié le 21/04/2017

527 partages | PARTAGER | TWITTER | Le journal du jour à partir de 0,79€

Marcin, Maxim et Natalia ont atterri à l'aéroport du Touquet vendredi matin avant de redécoller pour Londres. Leur périple va durer trois mois.

Из Франции в Англию

Англия, Лондон

Музей вертолетов, Вестон

Оркнейские острова

Thursday, April 27, 2017 • THE ORCADIAN 5

Shapinsay pupils greet flying visitors

■ World Around helicopter crew take in Orkney during round-the-world flight challenge

SARAH SUTHERLAND

Pupils at Shapinsay Primary School received a flying visit from a world-class helicopter crew last Sunday, April 23.

Pilots Maxim Sotnikov, Marcin Szamborski and Mikhail Movshin from the World Around 2018 team took a break from their round-the-world flight to meet with the schoolchildren, who were delighted to learn more about helicopter sport, and to see a real helicopter up close.

The aim of World Around 2017, is to promote friendship between nations and to pro-

[illegible] and have since visited Poland, Germany and Belgium.

While in the UK they made stops in London, Bristol, Orkney and Shetland, before heading onwards to the Faroe Islands.

Over the next two months, they will visit Iceland, Greenland, the USA, and Canada, before returning to Russia.

The visit to Shapinsay came about when local resident Anna Liddesdale received a call from Mr Szamborski, who she had previously worked with on an Extreme Sports channel in Poland.

"I got a call out of the blue from him," she explained.

"We discussed them stopping over on the island for a visit, and it very soon became clear to us it would be a fabulous experience for pupils at the local school if they could land there."

> We want to meet friends and to consume all these feelings — all these impressions of the places we're visiting.

The helicopter landing left a big impression on the children of Shapinsay, with many commenting on the size of the aircraft.

"It was amazing," exclaimed one pupil.

"I've never seen a helicopter landing before!"

Head teacher Emma Clements felt the drop in was a unique and inspiring opportunity for the children, who were even given the chance to take a look around the helicopter.

"Though the World Around crew had planned to head on to the next leg of their journey on Sunday evening, they were delayed by adverse weather.

This gave the crew an opportunity to see a bit more of Orkney, before making the 35-minute journey to Lerwick.

"We had the chance to see Shapinsay, and to have a little walk around Kirkwall.

"We went to Highland Park," explained Mr Szamborski, who is also the captain of the Polish National Helicopter Team.

For the World Around crew, this tour is less about speed, and more about enjoying the places they visit.

"It's going to take us two months to complete the tour, but we could do the tour in one month, or even shorter," Mr Szamborski continued.

"We want to meet friends and to consume all these feelings — all these impressions of the places we're visiting.

"Not just to fly quickly and say 'yeah, we did it. We flew around the world'."

The chief aim of the tour is to promote world helicopter sport, which involves precision flying in co-operation with a crew. Each event requires very precise manoeuvres within the limits of time, height, and exact route.

"If you go too fast, your flying will not be accurate enough.

"If you go too slow, you've wasting time. So the best pilots fly pretty fast, but also smoothly," the World Around crew explained.

Currently, the sport attracts mostly European competitors, with 149 crews from 14 countries competing in the most recent World Helicopter Championships.

The World Around team, which comprises both Russian and Polish pilots, hopes to promote better international ties within the sport.

"We want to show that the Russian and Polish guys in the American helicopter can build friendships with anyone in the world," they said.

Though they have 35 years of flying experience between them, this flight will present some challenges for the crew. Aside from the temperamental Orkney weather, they will have to cross the Atlantic, where a sudden change in the weather can be very dangerous if there is nowhere to land.

In London, the helicopter was fitted with a long-range tank to prepare it for the longer legs across the sea.

There have been other challenges for the crew besides flying, however.

"We miss our families," Mr Szamborski explained.

"I'm away for two months and my son is missing me, so he and my wife have come to Reykjavik to meet us when we arrive."

On Monday [illegible] it looked as if the weather would delay [illegible] even further.

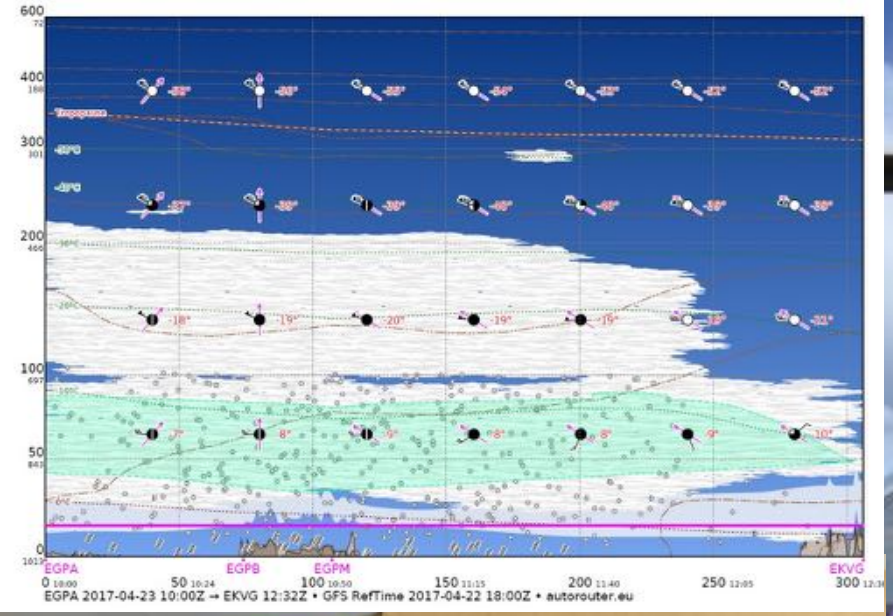
However, just as it [illegible] about to arrange [illegible] dation for another [illegible] Kirkwall, the weather [illegible]

At around 2.30pm, they were able to catch a window of opportunity and fly onwards to Shetland to refuel, with

The Round-the-World helicopter crew landed at the Shapinsay School last Sunday, leaving a big impression on pupils and staff.

(CHRIS COLLINGRIDGE)

Marcin Szamborski, Mikhail Movshin, and Maxim Sotnikov of the World Around 2017 crew are completing a round-the-world tour by helicopter. Having started in Russia, they hope to complete their mission in late June.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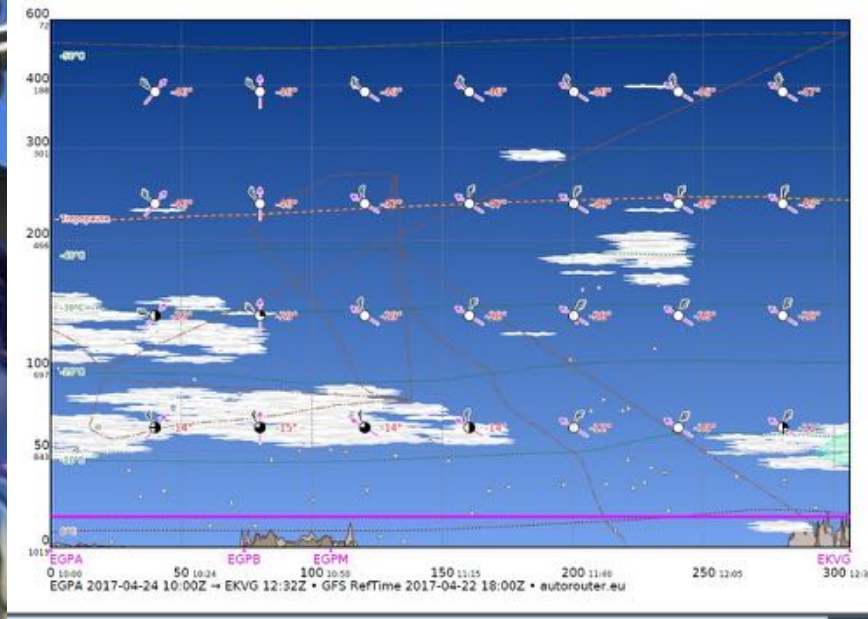
RUSSIAN-POLICE
ROUND-THE-WORLD FLIGHT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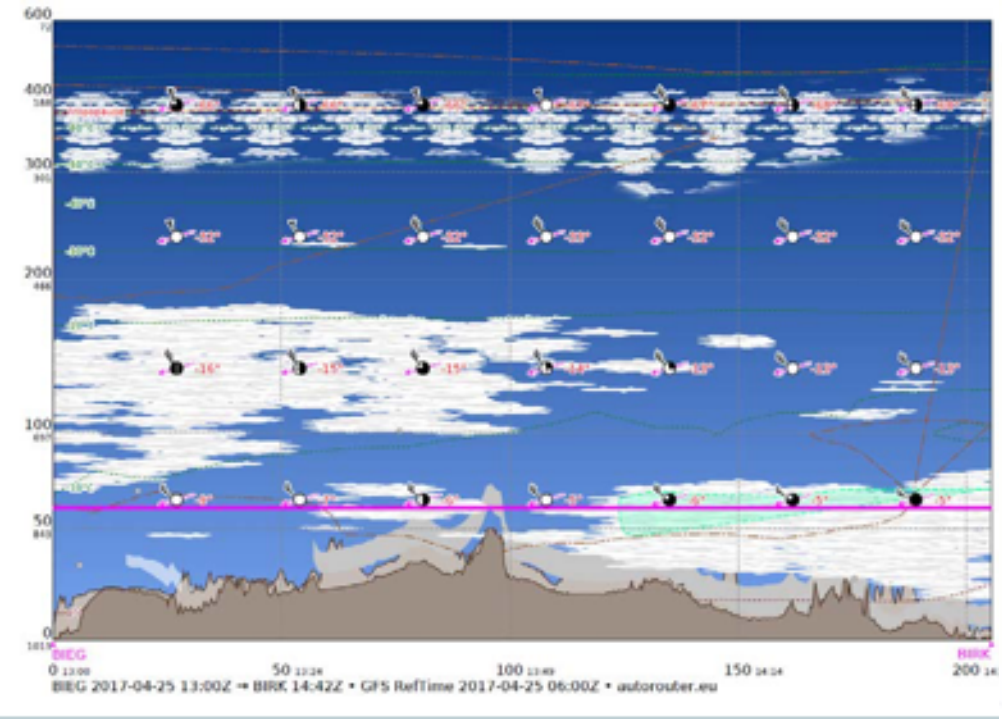
EGPA 2017-04-24 10:00Z ⇒ EKVG 12:32Z • GFS RefTime 2017-04-22 18:00Z • autorouter.eu

Из
Шотландии
на Фареры
Orkney Islands

Фарерские острова

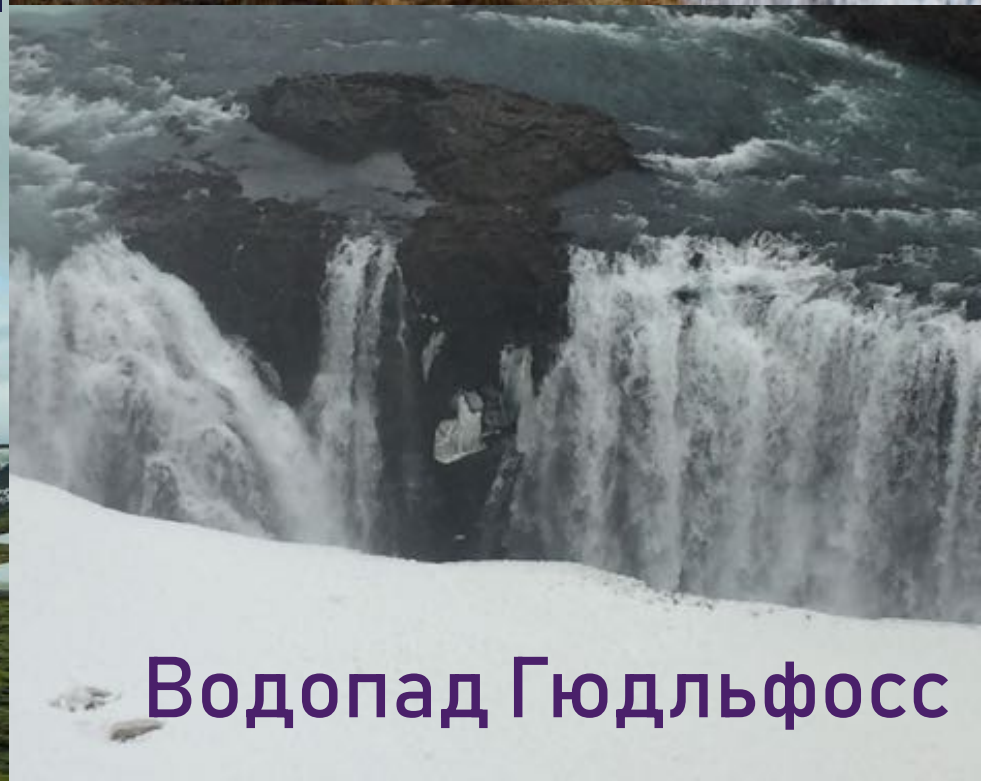


80NM to Island BIEG. See mountais. Kolumb must had have simular feeling ;) http://inr.ch/ZMHZTJR (64.2720, -12.6000) - Marcin Szamborski

Исландское море

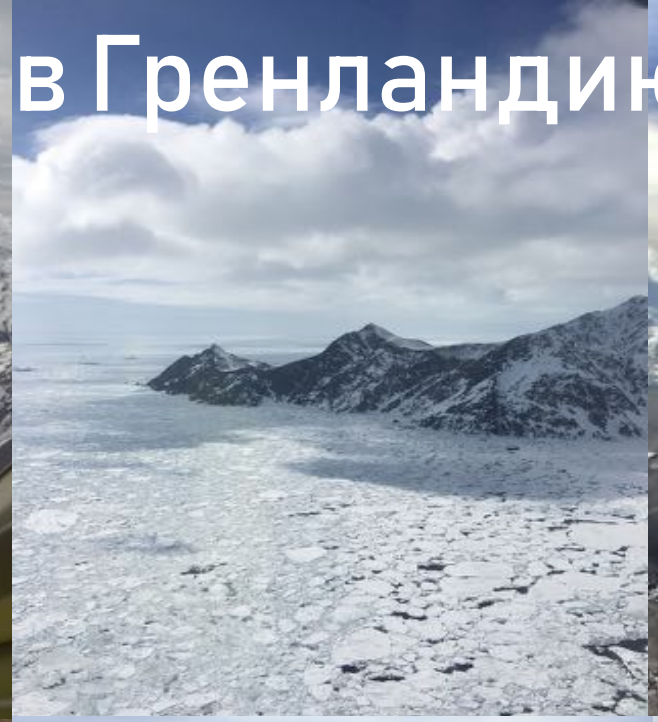
Рейкьявик

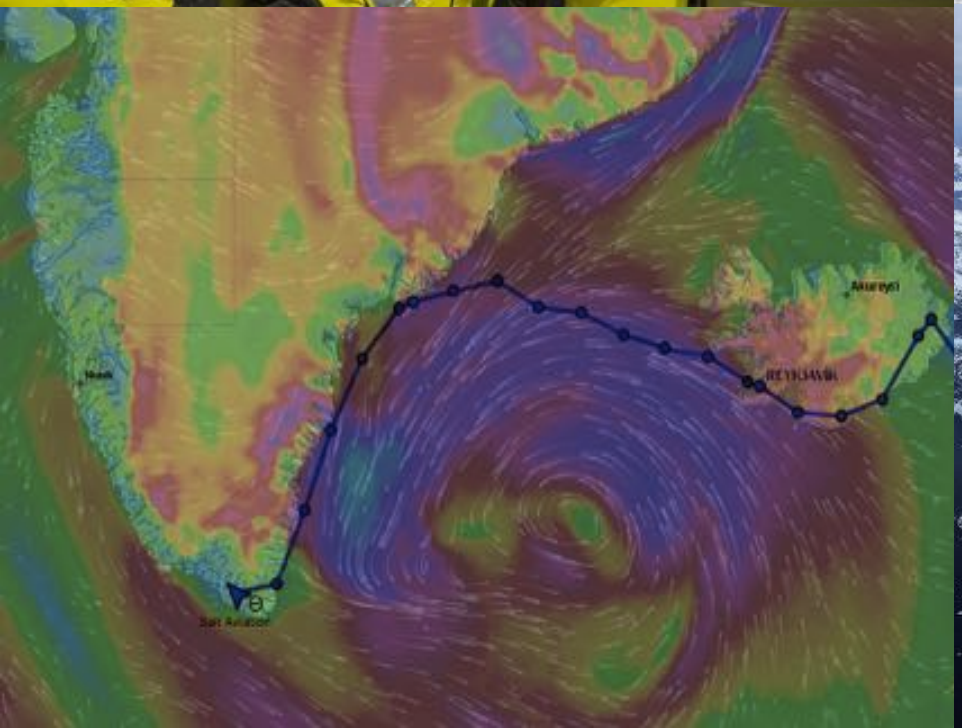
Исландия

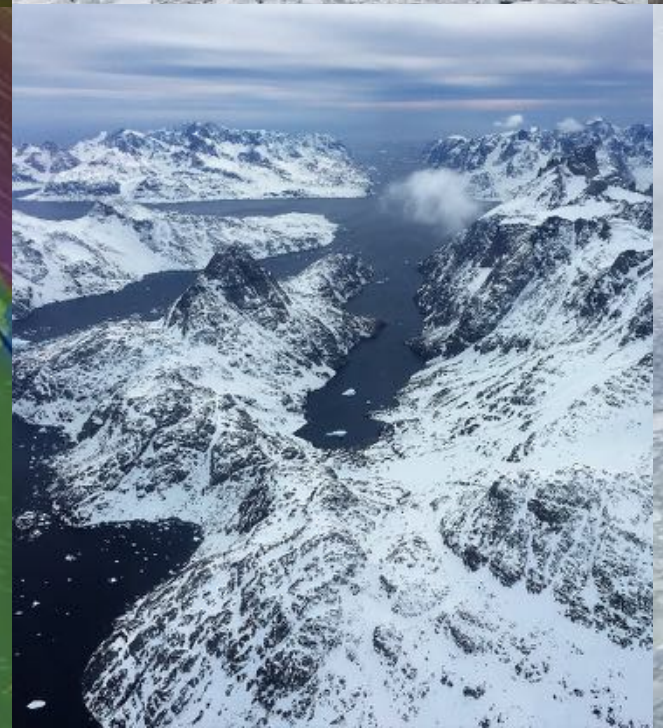


Водопад Гюдльфосс

Из Исландии в Гренландию







Кулусук

Нарсасуак

Нуук, столица Гренландии

Из Нуука в Канаду

Only ice below. Vis 5km+, sun from tim to time. Safe. Space and joy! http://inr.ch/OD7ZSJJ (64.0234, -60.7086) - Marcin Szamborski

Пролив Дэвиса

Монреаль-Торонто

CANADA 150
CIRCUMNAVIGATION

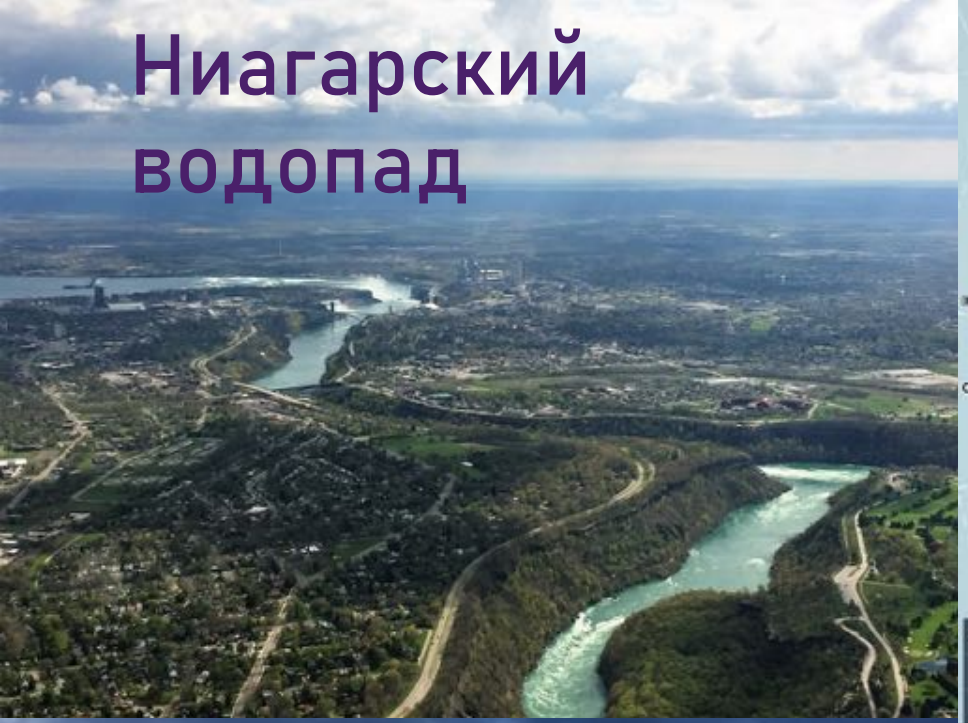
ONTARIO FATHER, SON TO FLY HELICOPTER AROUND WORLD

A father and son team from Ontario will fly a state-of-the-art Bell 429 helicopter around the world starting July 1.

Bob Dengler and his son Steven announced the flight in March and said it will be the first time a Canadian crew has flown around the world in a helicopter and the first time a father and son crew has done it. The two will be

The helicopter, one of Bell's latest designs, is a light twin designed primarily as a medevac platform but its wide use as a utility and law enforcement aircraft.

The crew will set out from Vaughan, north of Toronto, on Canada Day and head east through Quebec and the Mar-



Ниагарский водопад

Питтсбург

Айкен, Южная Каролина

INSIDE

150 YEARS

Aiken Standard

Budget draft boosts police

N.A. native competing n Miss USA

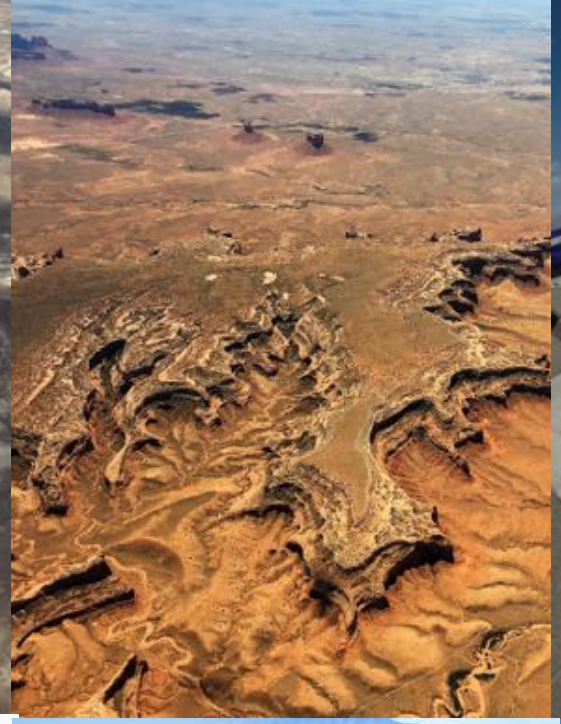
Rotors around-the-world

Helicopter flight pauses in Aiken

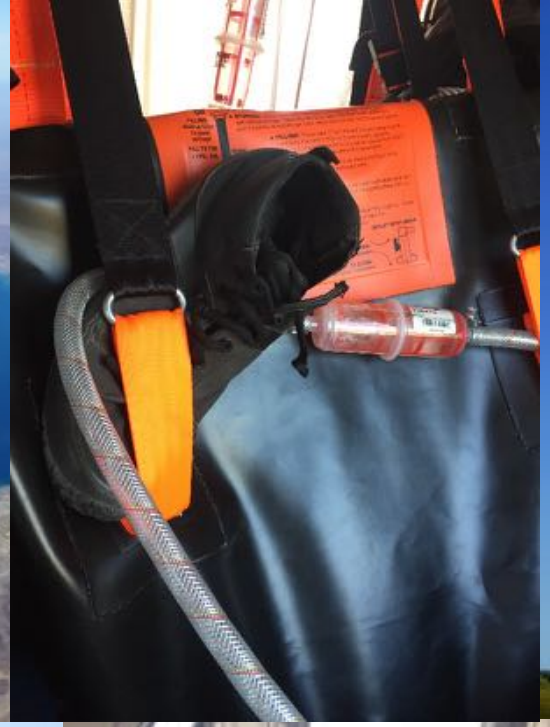
Aiken resident Mikhail Movshin, a native of Russia with decades of aviation experience, with daughter Alexandra, 6, after touching down in Aiken on Monday afternoon for a re an around-the-world helicopter trip.

Академия Белл, Техас

На просторах США



Аризона

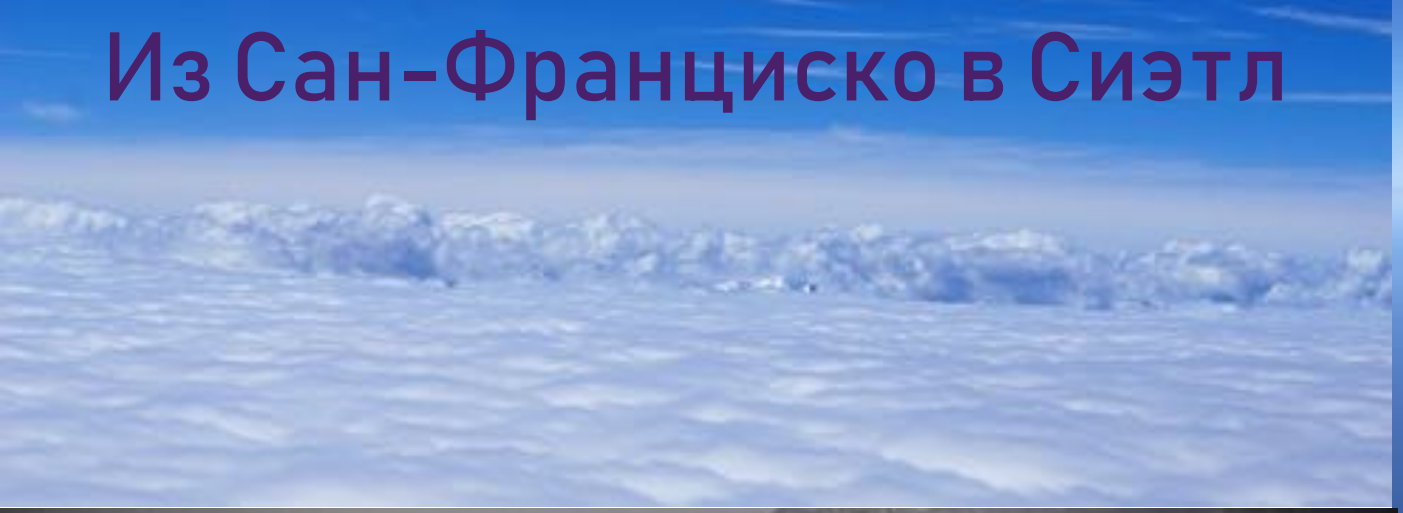


Санта-Фе

Лас-Вегас

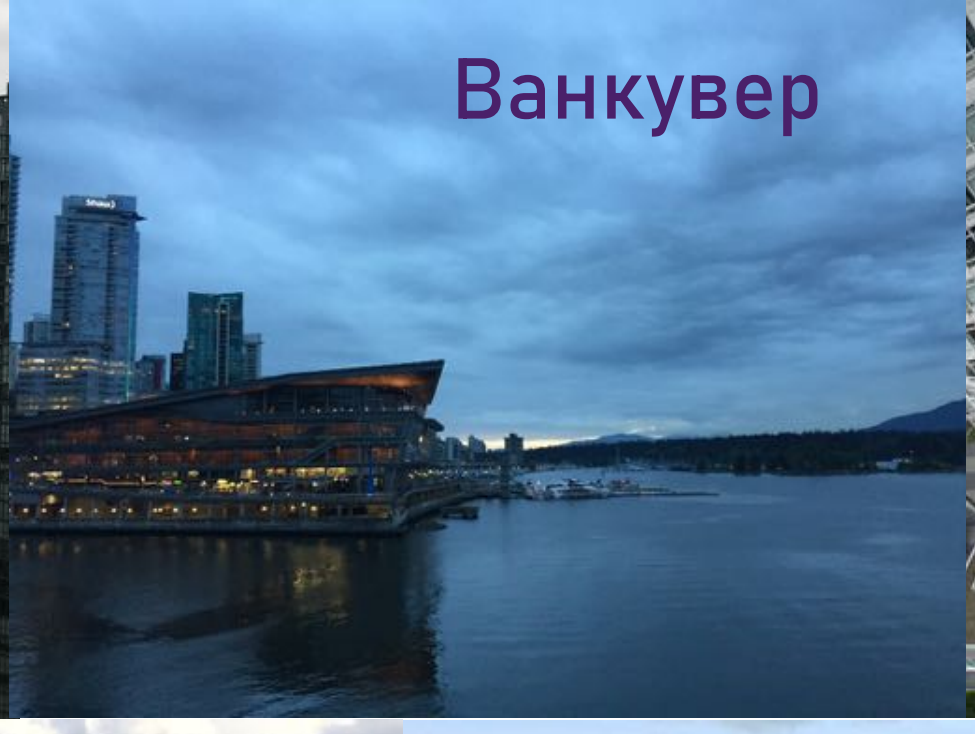
Калифорния

Из Сан-Франциско в Сиэтл



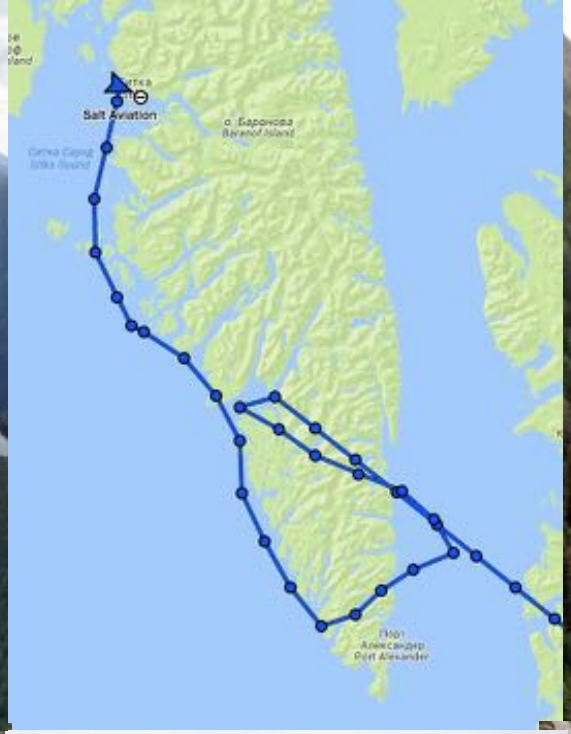
Боверман

Сиэтл

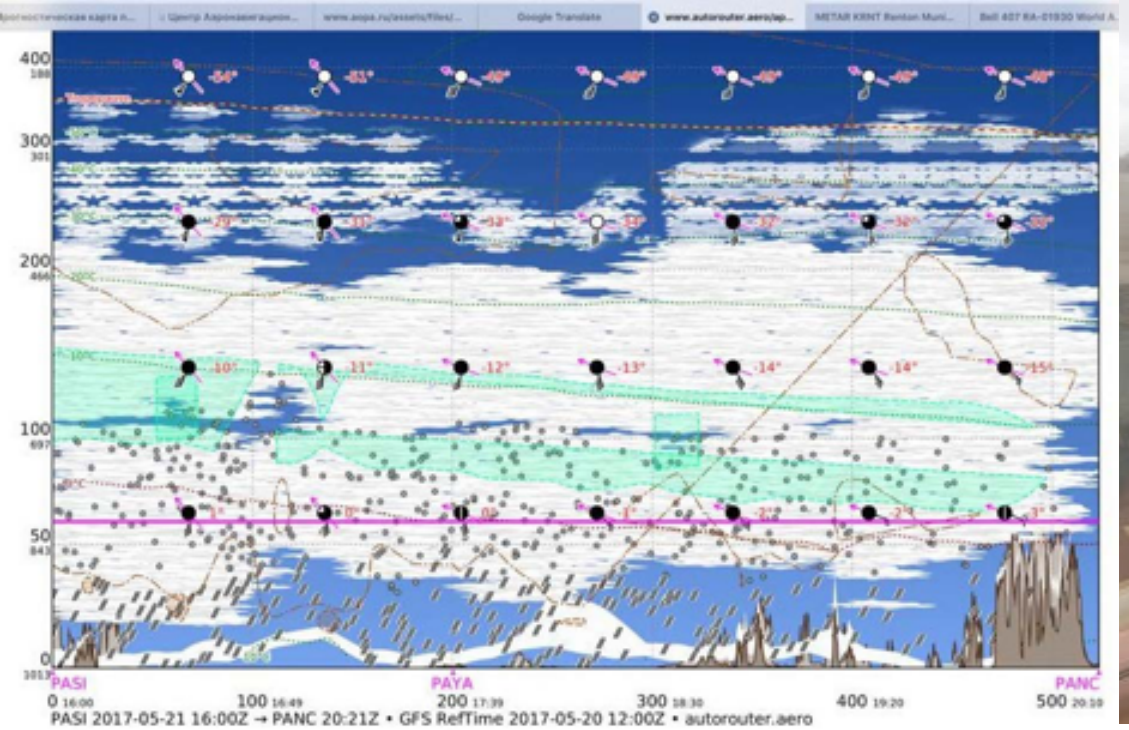


Ванкувер

Принц Руперт



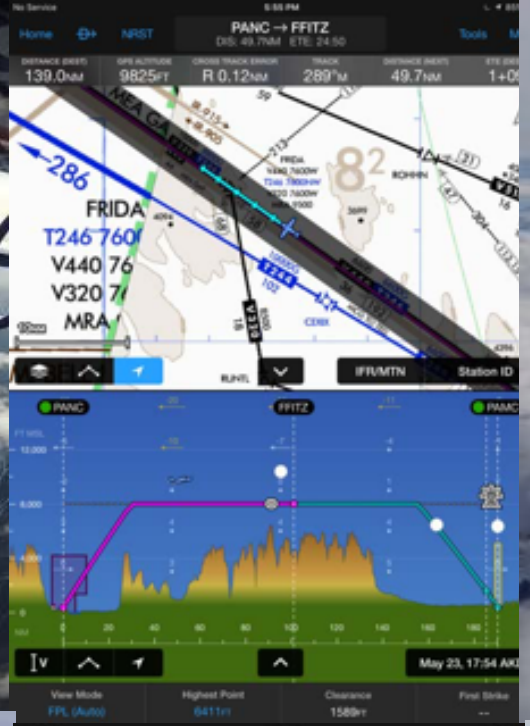
Ситка, Аляска

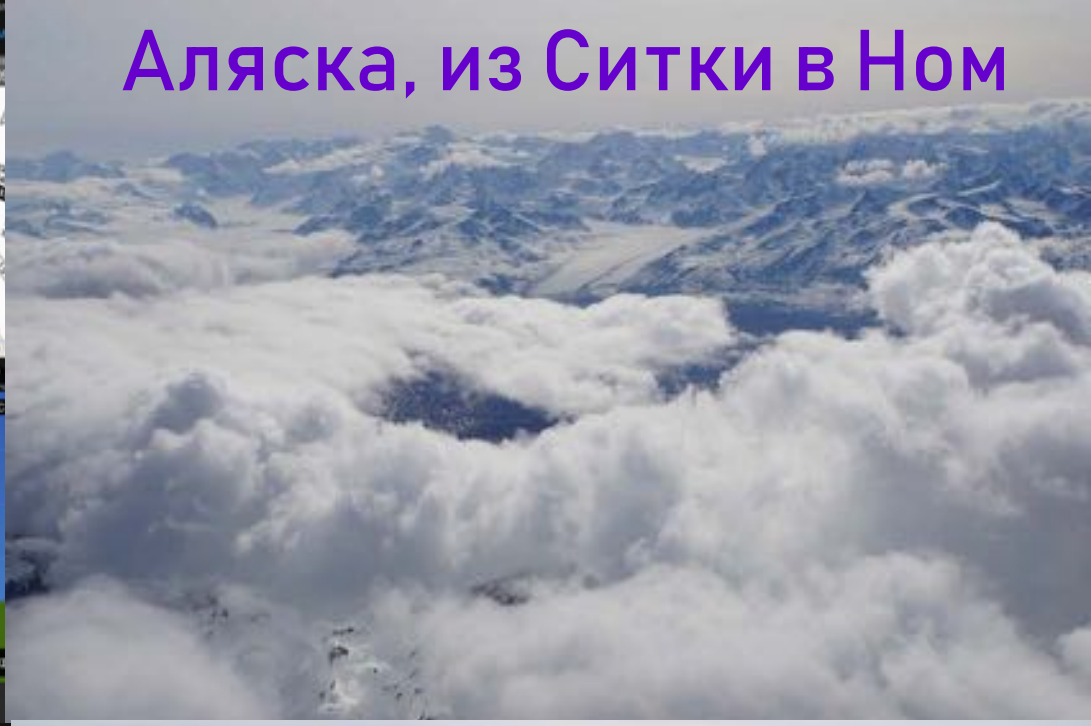

PASI
PAYA
PANC
PASI 2017-05-21 16:00Z → PANC 20:21Z • GFS RefTime 2017-05-20 12:00Z • autorouter.aero

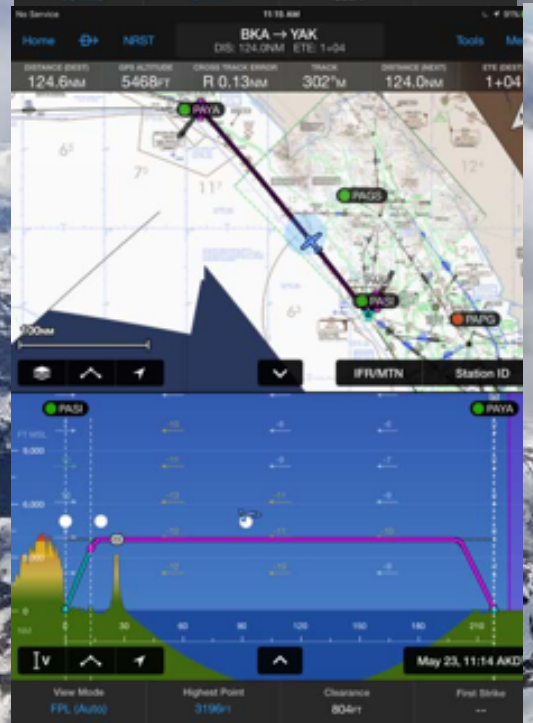
WORLD AROUND 2017
SALT
IAHS
HELIFOR

END

Аляска, из Ситки в Ном

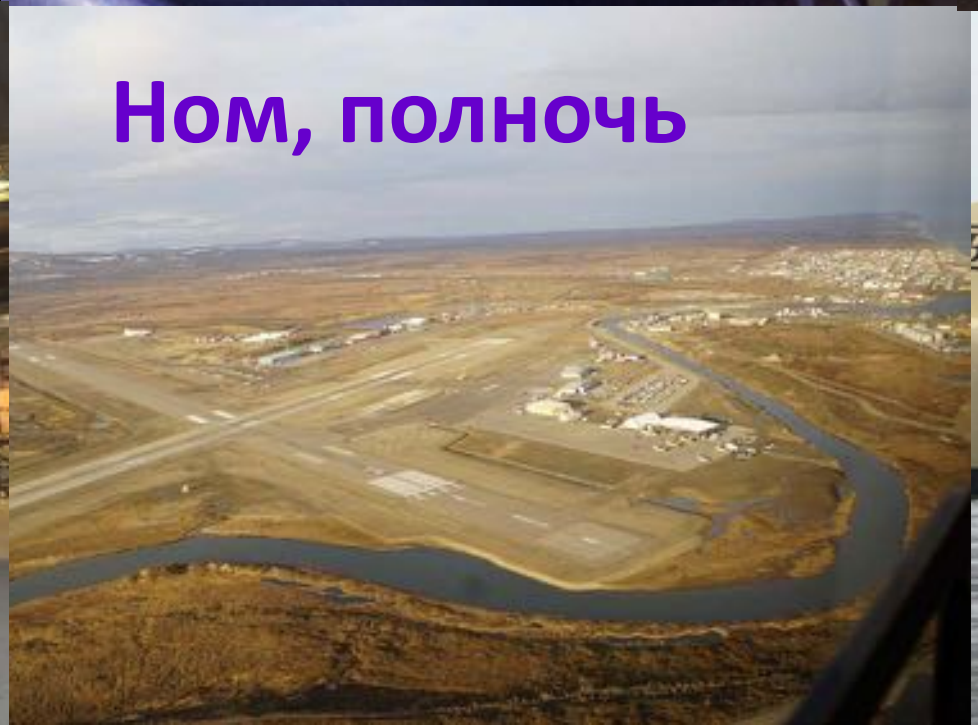






Анкоридж

р.Юкон

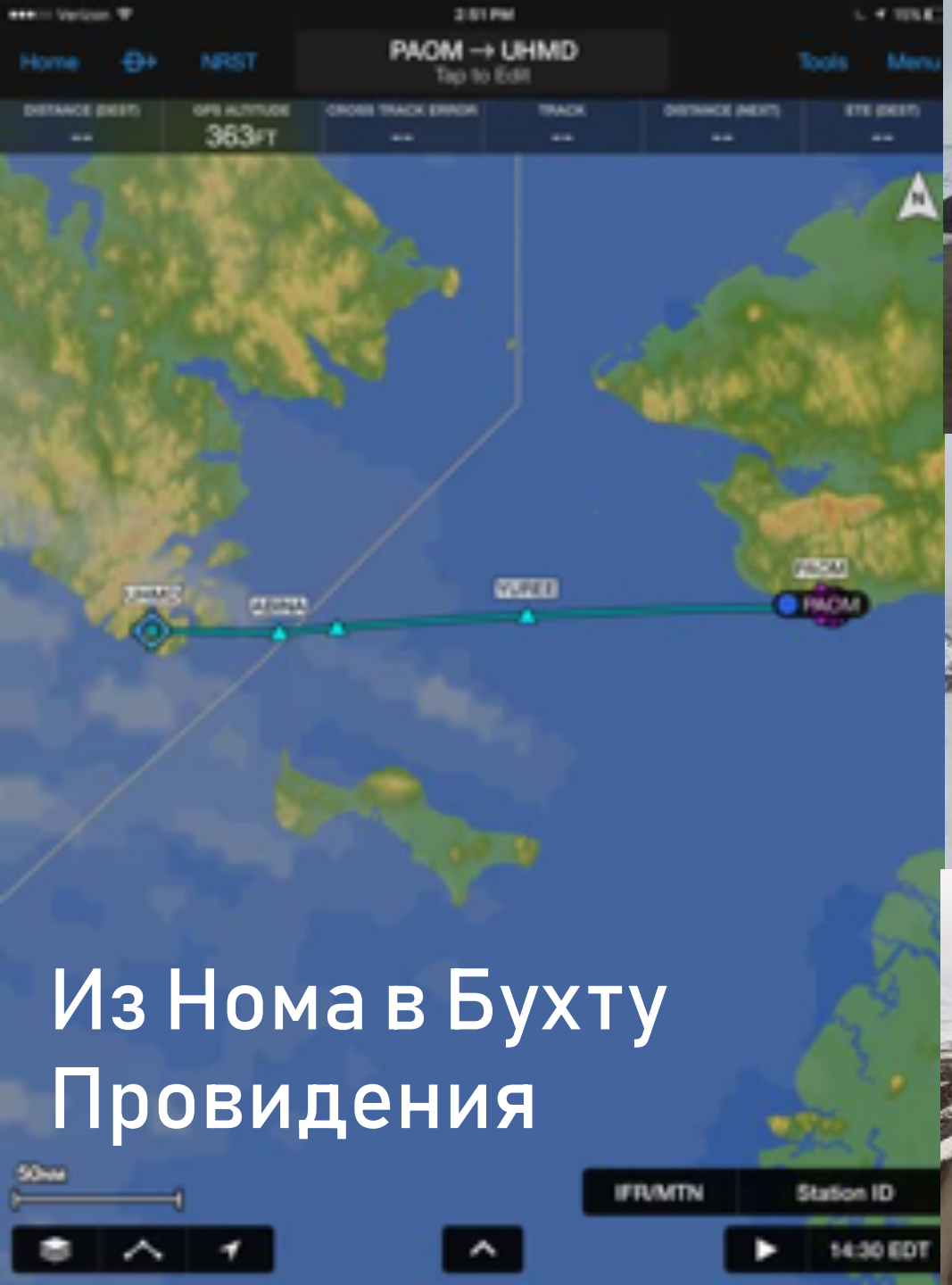


Ном, полночь

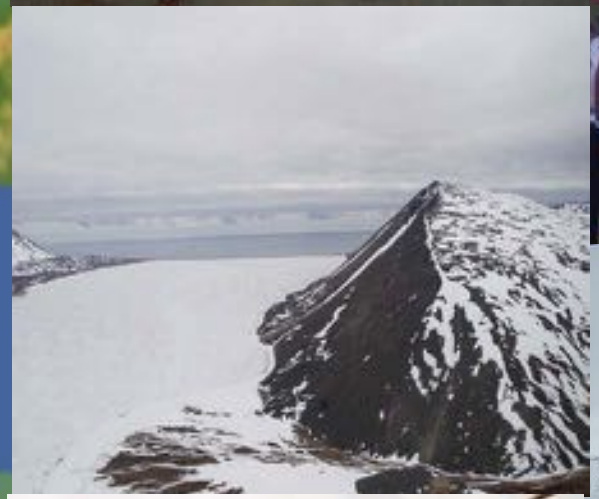
WORLD AROUND 2017

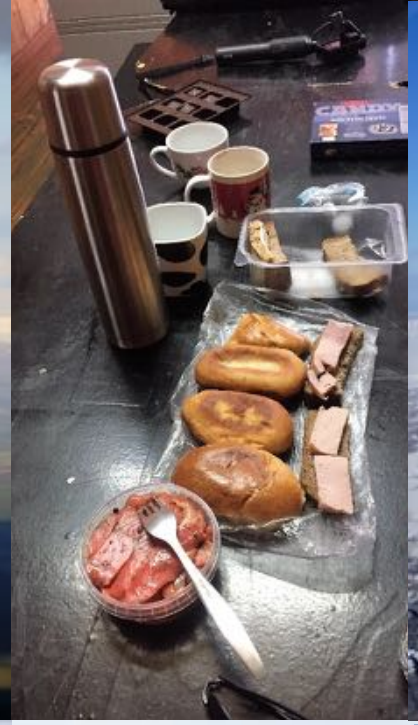
Welcome
to
NOME
Inc 1901

MOSCOW 4032
LONDON 4376
SIBERIA 164
TAIPEI 4312
ISLAMORADA-FLORIDA



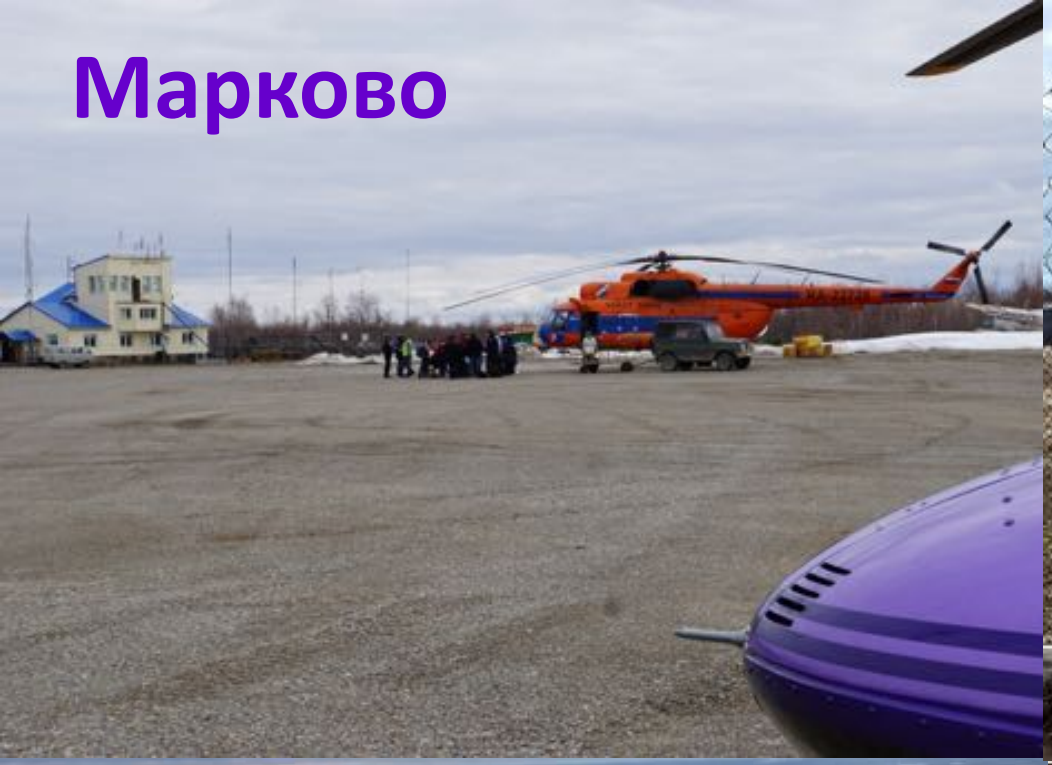
Из Нома в Бухту Провидения





Чукотка

2 Германии или 7
Исландий
Только 50 000 человек

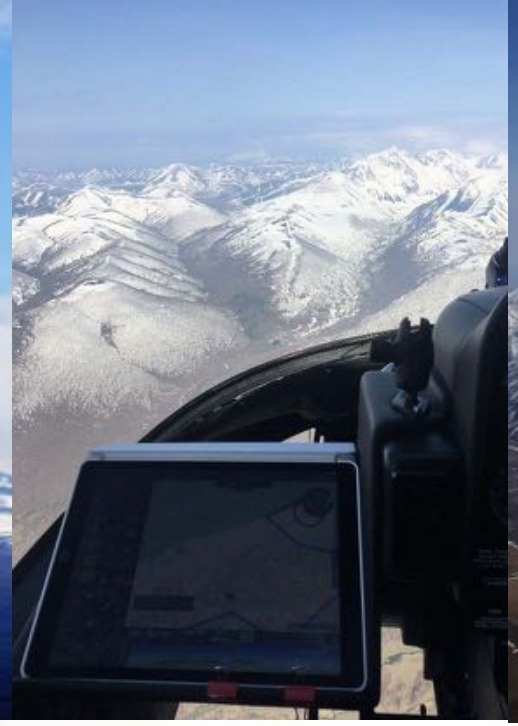

Марково

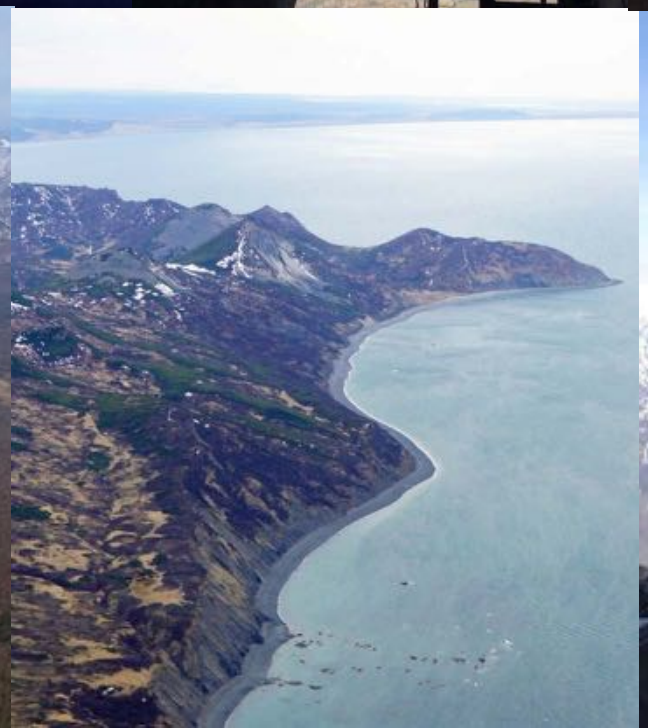
ВЫХОД
ЗАПРЕЩЕН!

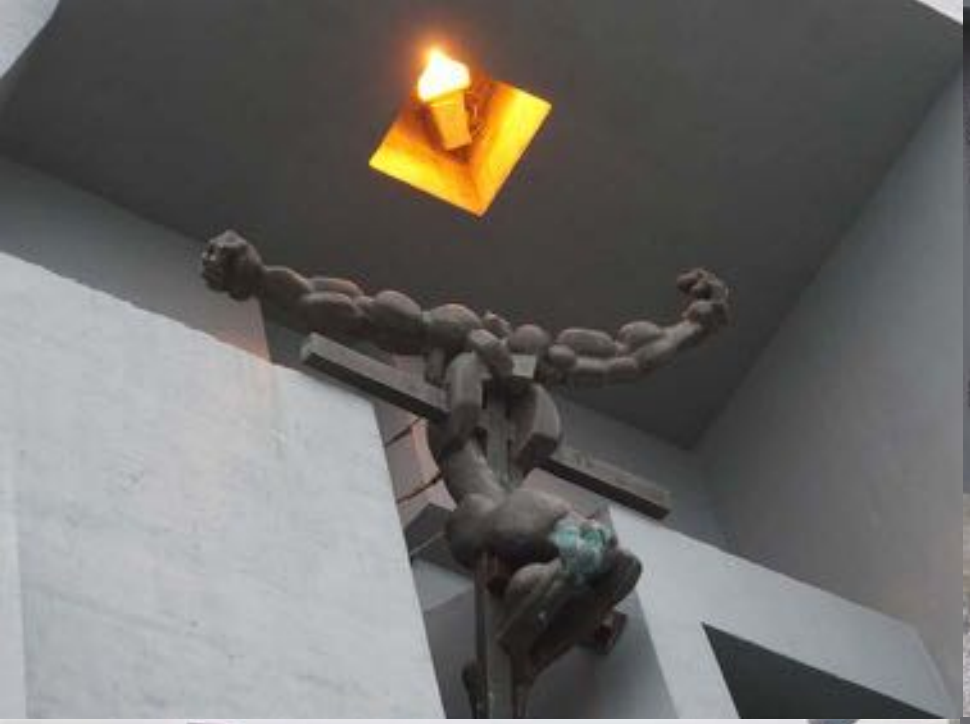
Тиличики

Оссора

Камчатка

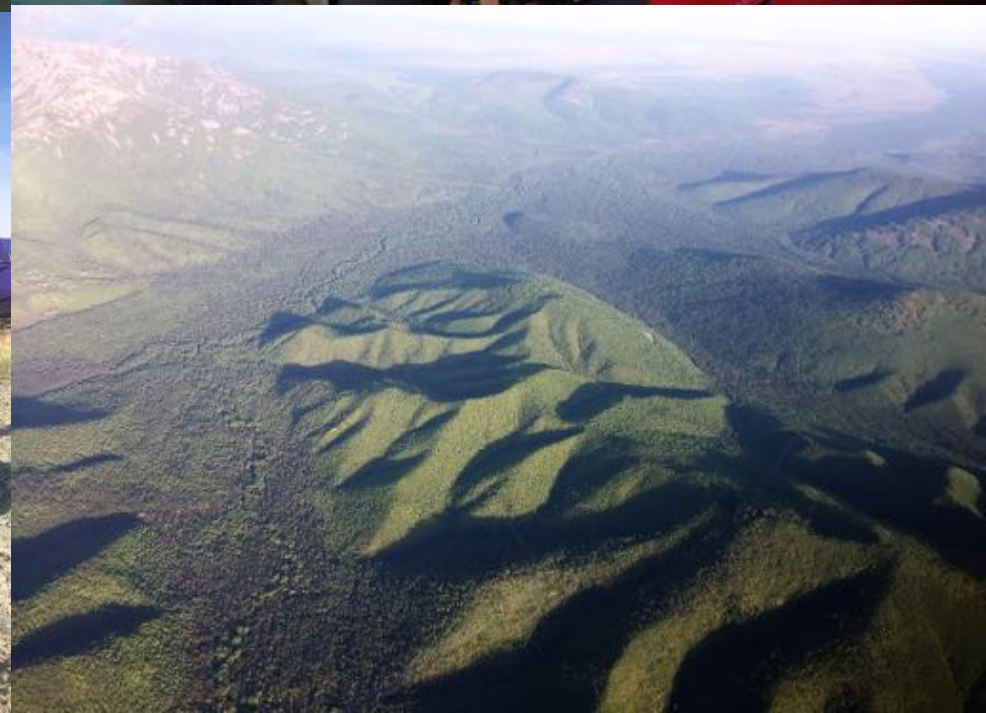




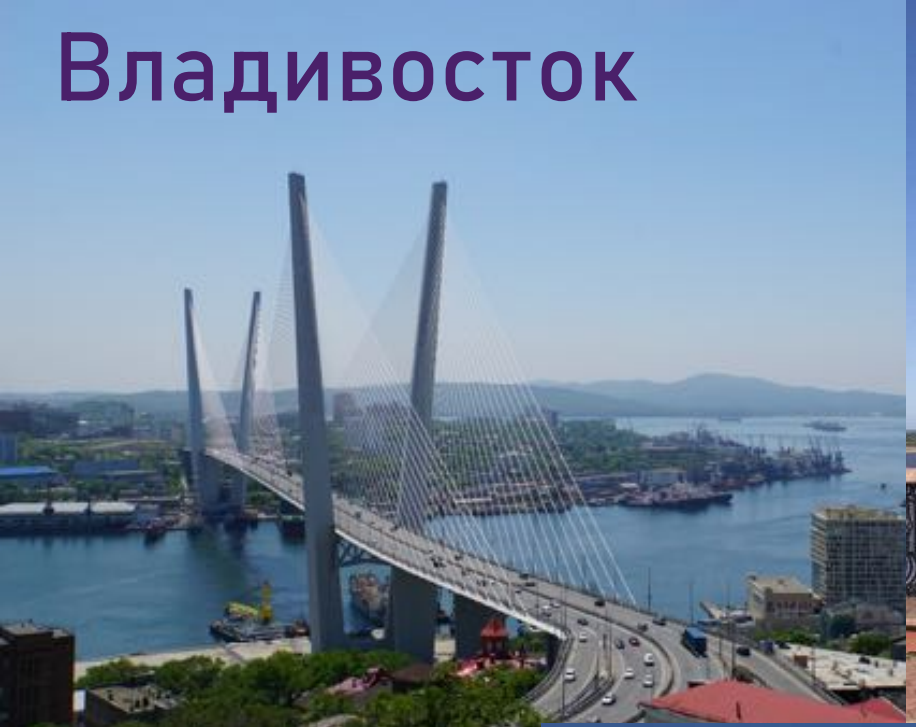


Магадан

Охотск



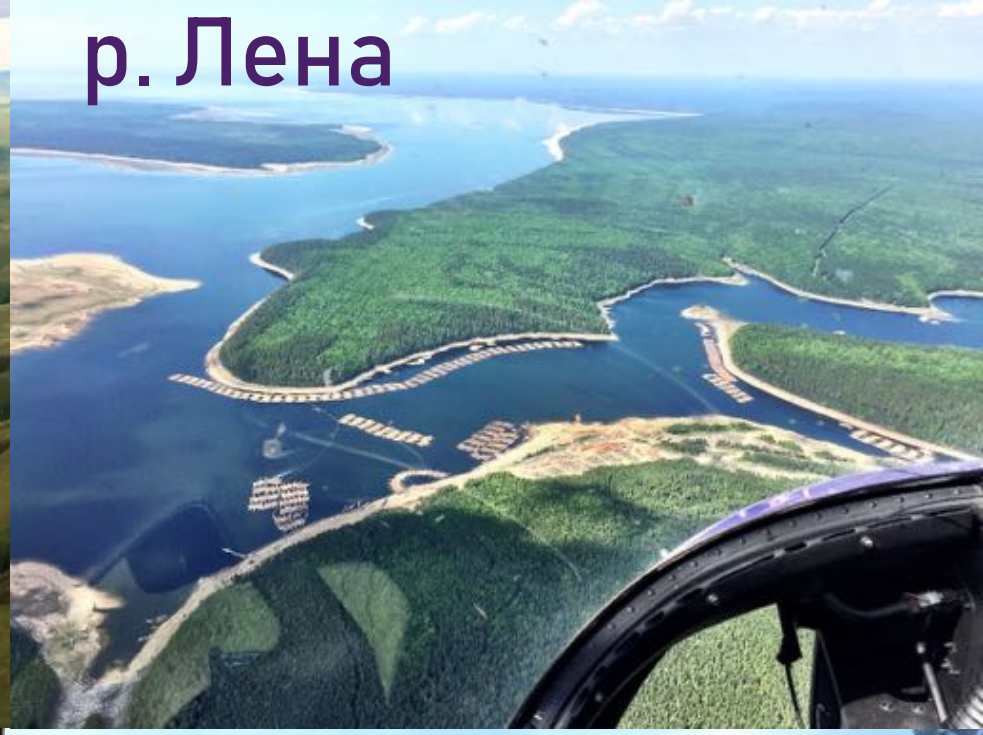
Владивосток



Хабаровск

Дальний Восток

Восточная Сибирь


р. Лена

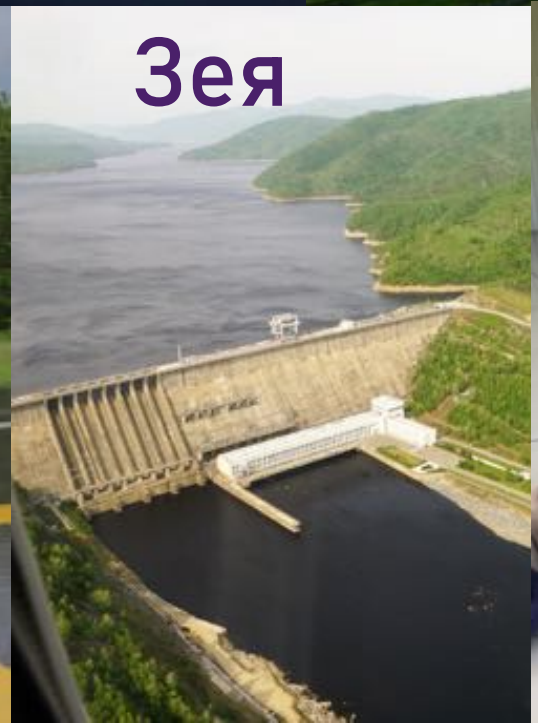
Братская ГЭС

Байкал

Алтай

Западная Сибирь

Новосибирск


Зея

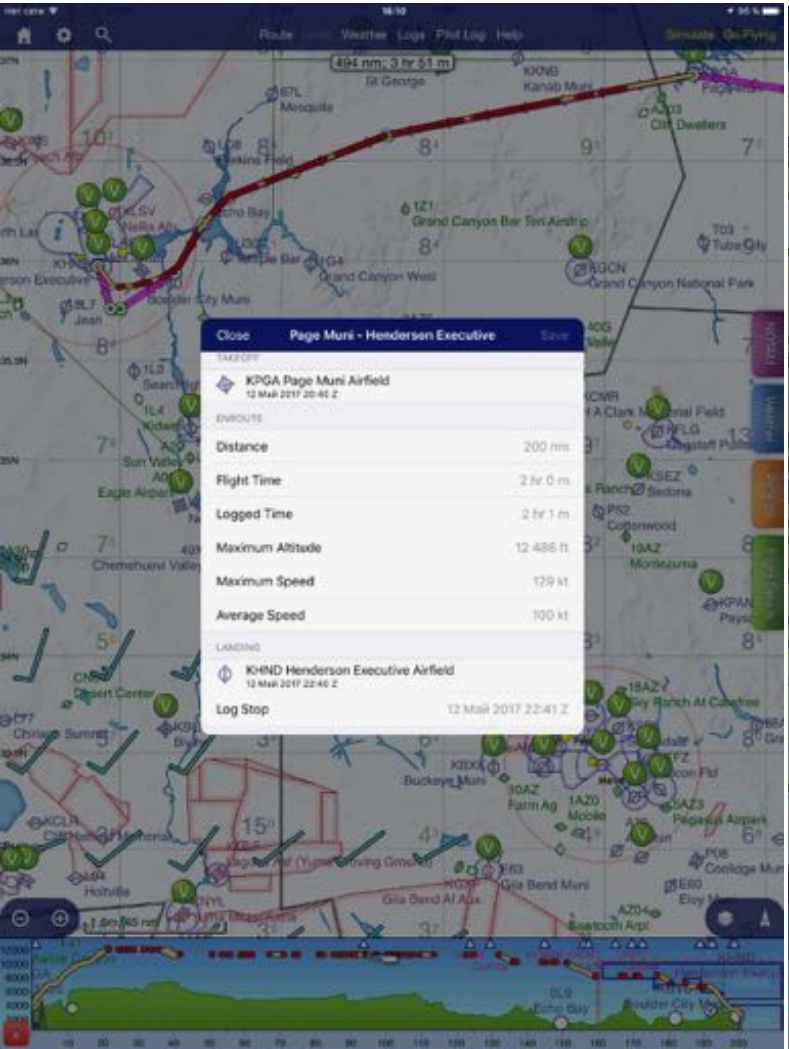
Братск

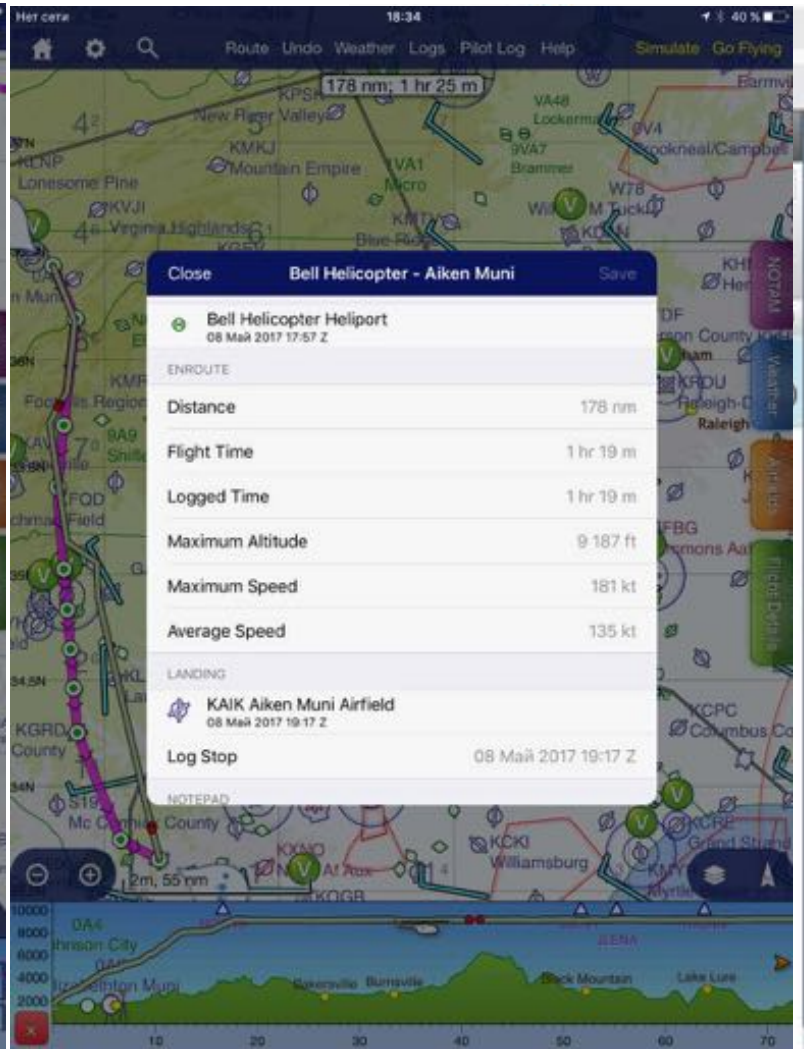
Финиш в Конаково 13 июня 2017

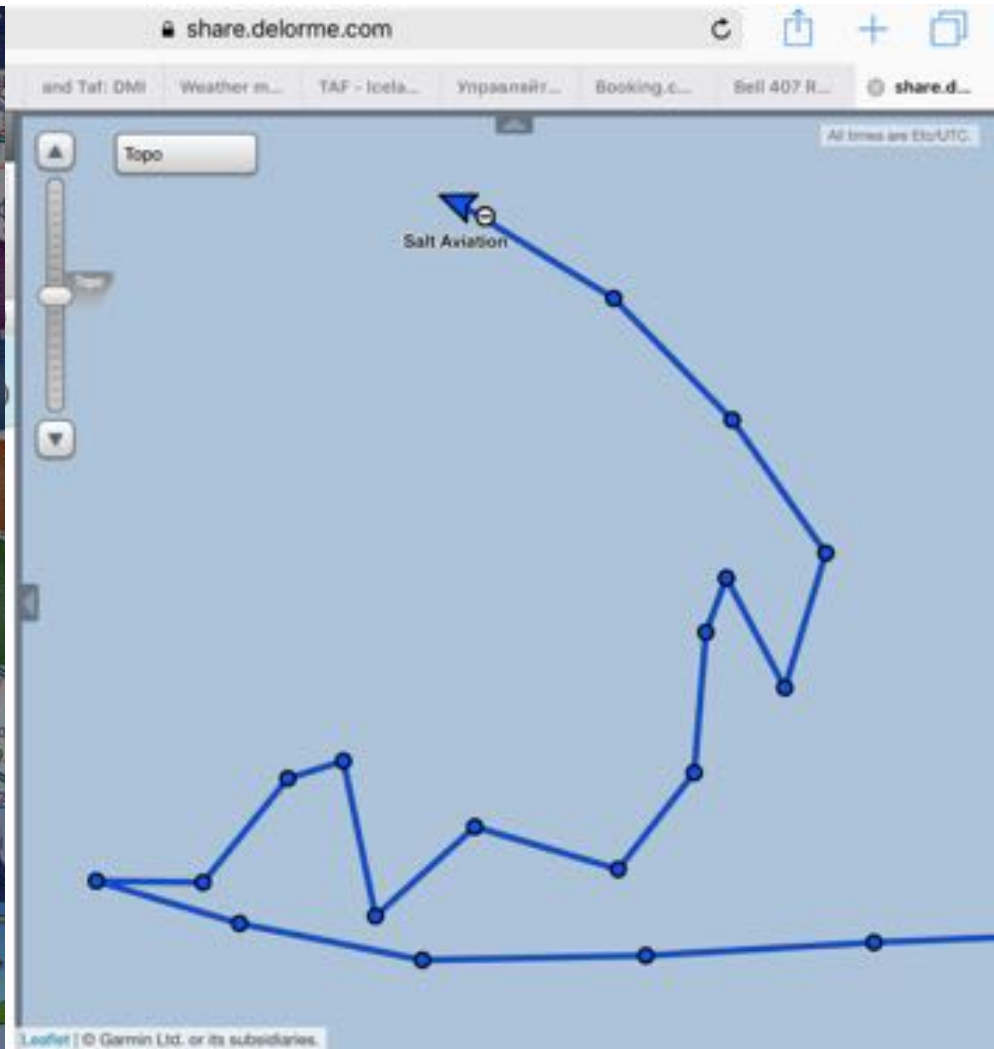
12 486 футов – макс. зафиксированная высота

181 узлов – макс. зафиксированная скорость (335 км/час)

Самый экстремальный маршрут над океаном, Атлантика







- 39 000 км (21 050 миль)
- 57 дней (38 полетных)
- 16 стран, 90 посадок
- 1026 км на летный день
- Максимальное расстояние, пройденное за день 2040 км (~10 часов в воздухе)
- Максимальное расстояние без дозаправки 965 км
- Максимальная скорость 335 км/час, средняя 217 км/час
- Максимальная зафиксированная высота 3800 м

Наталья Сотникова

Федерация вертолетного спорта России

n.a.sotnikova@gmail.com

+7 (916) 614 6341