



DASH for a Cure

Two women fly around the world in 8½ days in a small plane to raise \$1 million for ALS research

www.alsworldflight.com

December 2008

A World Record attempt



World Record

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- Minimum distance, 36,770 Kilometers or 19,854.21 nautical miles







60 W. 11th St.
100 W. 11th St.
100 W. 11th St.



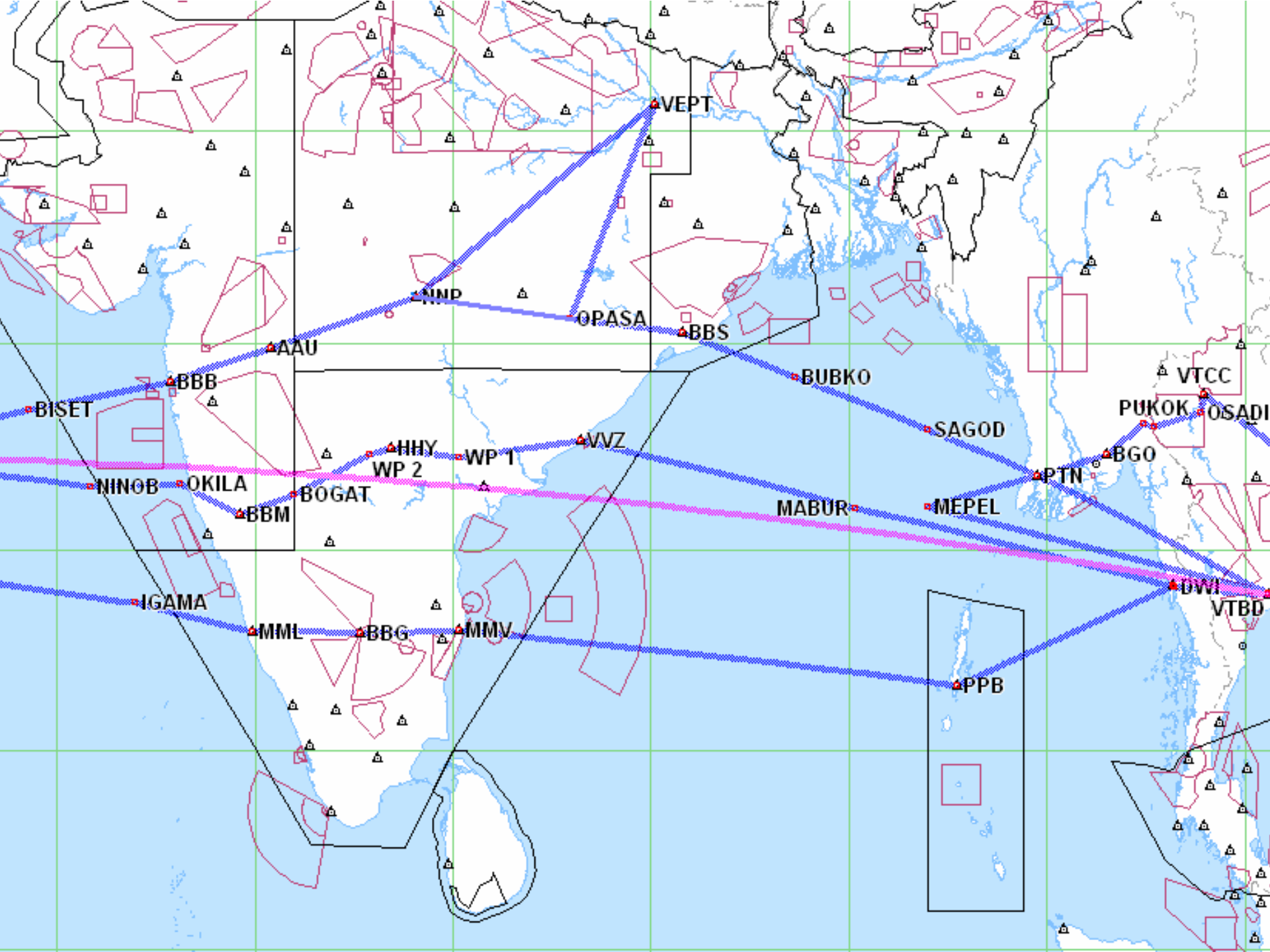
- Benign weather in December

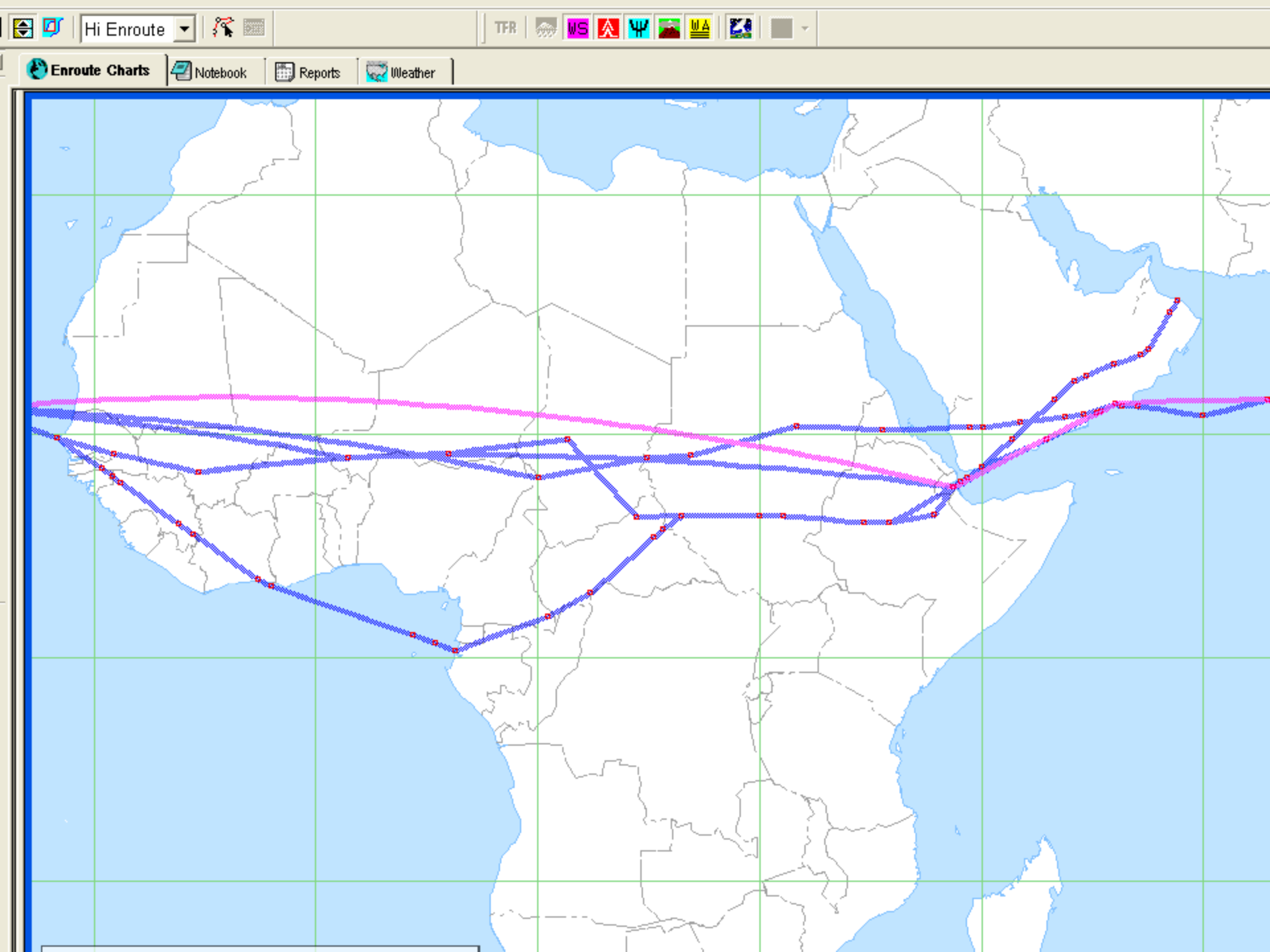


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- Benign weather in December
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- Minimum stops, maximum distance per leg



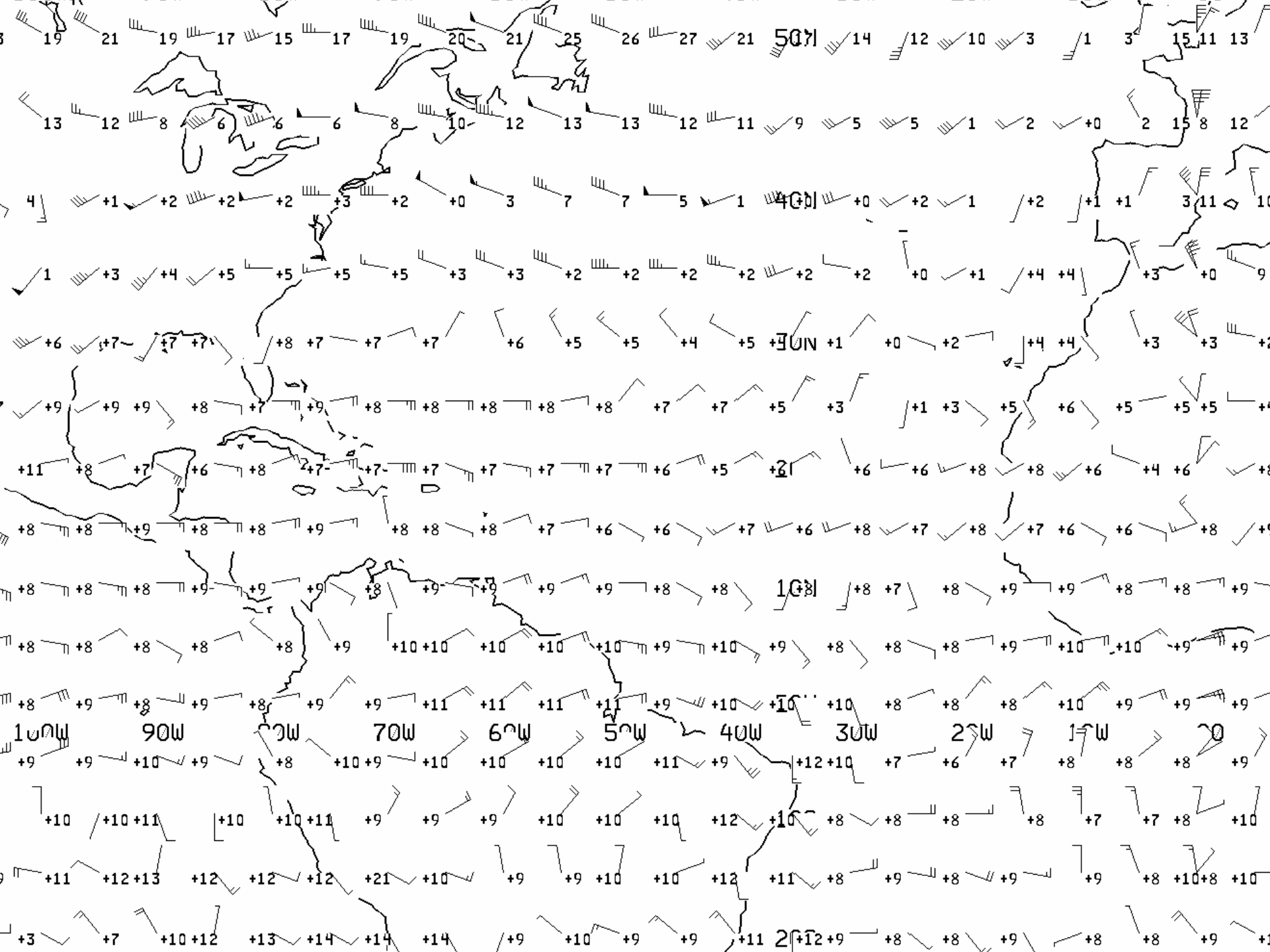


Route, distance (nm), est/act time(hrs)

Orlando	San Diego	1984	15.8	16.7
San Diego	Hawaii	2354	15.1(Rest)	16.7
Hawaii	Guam	3223	21.4(Rest)	23
Guam	Thailand	2870	18.7(Maint)	20.4
Thailand	Oman	2685	18.6	20
Oman	Djibouti	720	4.8 (hotel)	5.5
Djibouti	Mali/DFFD	3208	20.5	20
Burkina	CpVerde	1291	9.5	10
Cp Verde	Orlando	3295	21.5	22.6

Gas Consumption

- 195 gallons at 15% over gross weight
- 7.9 gph for first half
- 7.3 gph for second half
- 26 hours endurance
- 3500 nautical miles distance, no wind



Working with ATC

- Called NY Oceanic, Oakland oceanic, and MCO tower
 - Review flight plans and request clarification and navigation requirements
 - Check HF and Sat phone
- Contacts in India – reviewed 3 routes
- Working with Africa contact, no VFR night
- Norm, in Thailand, maintenance stop

Fundraising

- Routing work was great fun
- Next all about plane prep and issues
- MAJOR portion of work is fundraising
- Objective \$1 million for ALS research
 - Rejected by Breitling
 - Rejected by Virgin Atlantic
 - No answer from Anheuser Busch
 - Rejected by Chevron and Shell Oil
 - Rejected by Mooney, Garmin, McCauley, King, Bose, GoodYear, S-Tec, Sporties, etc.
- 2008 year-end donations -- \$172,000

Plane preparation

- Engine overhaul 2005
- Annual in June 2008, 730 hrs, all accessories overhauled or replaced – get 100hr and early failures over
- Fuel boost pump failed after 6 boosts
- Magneto service bulletin, removed and opened mags, need to be replaced. Need to get 50 hours on mags

Additional tests

- 24 hr simulation at EAA AirVenture
 - Sleep, food, water, & elimination
 - Baby aspirin, leg/ankle exercises
- Long flight together to test all systems

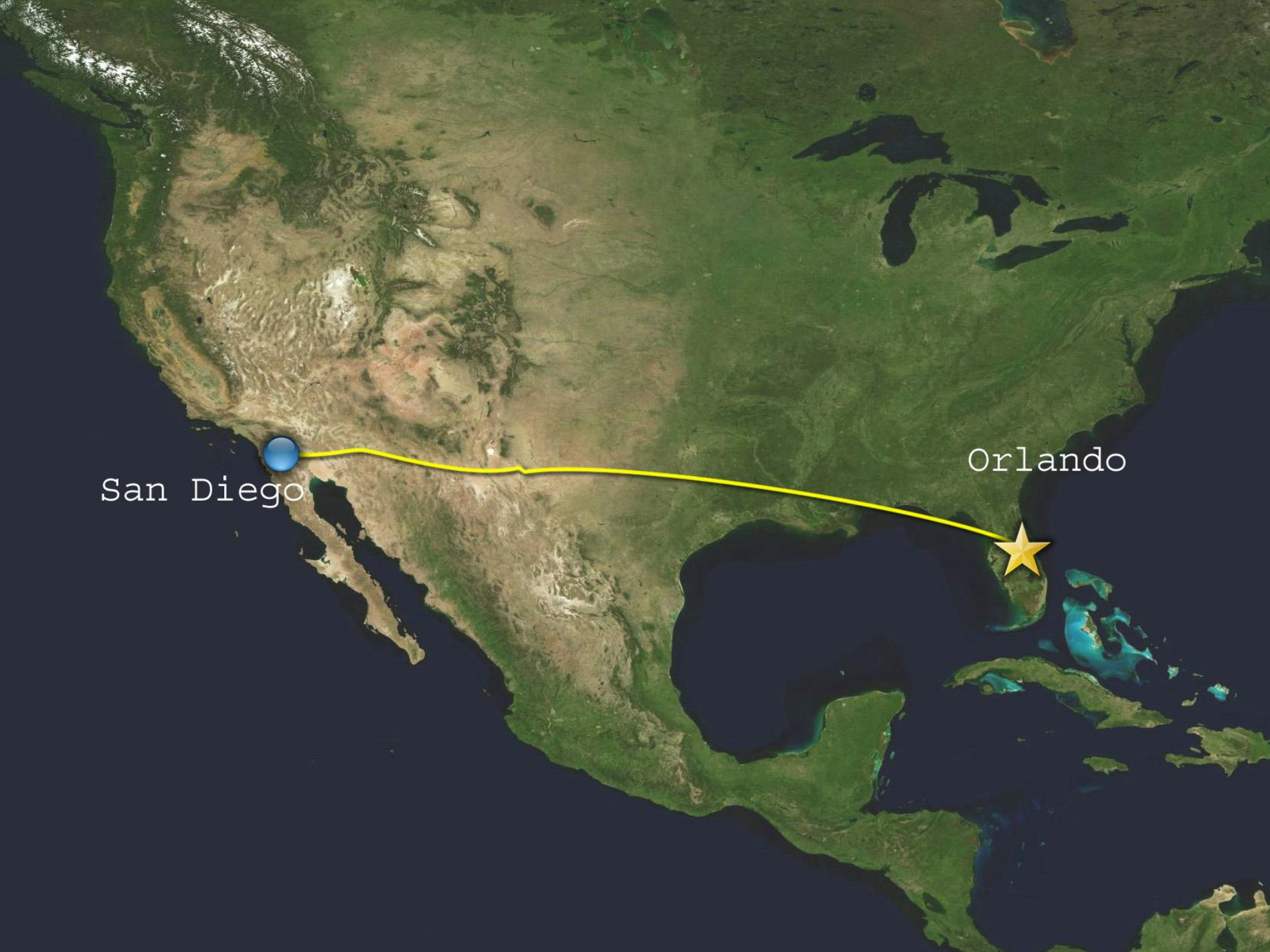


“Distributed” Support Team

- Bill in US
 - Norm in Thailand
 - Flemming in Switzerland
 - Bo, permit guy, in Denmark
 - Universal Weather in Houston
-
- Decision points in writing and given to all ground crews

San Diego

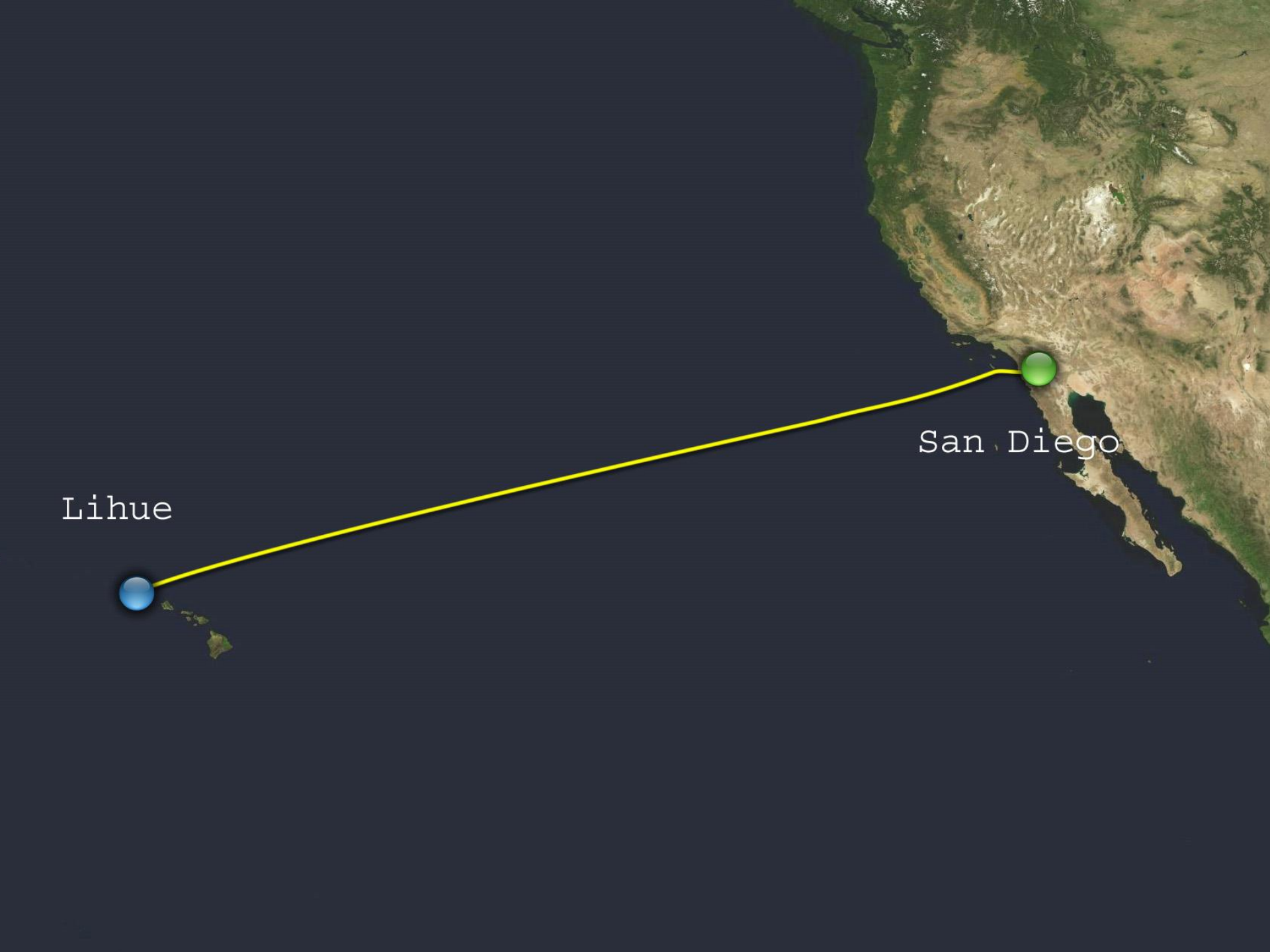
Orlando





16.7 hour flight
1 Hour 40 minutes
total ground time





Lihue

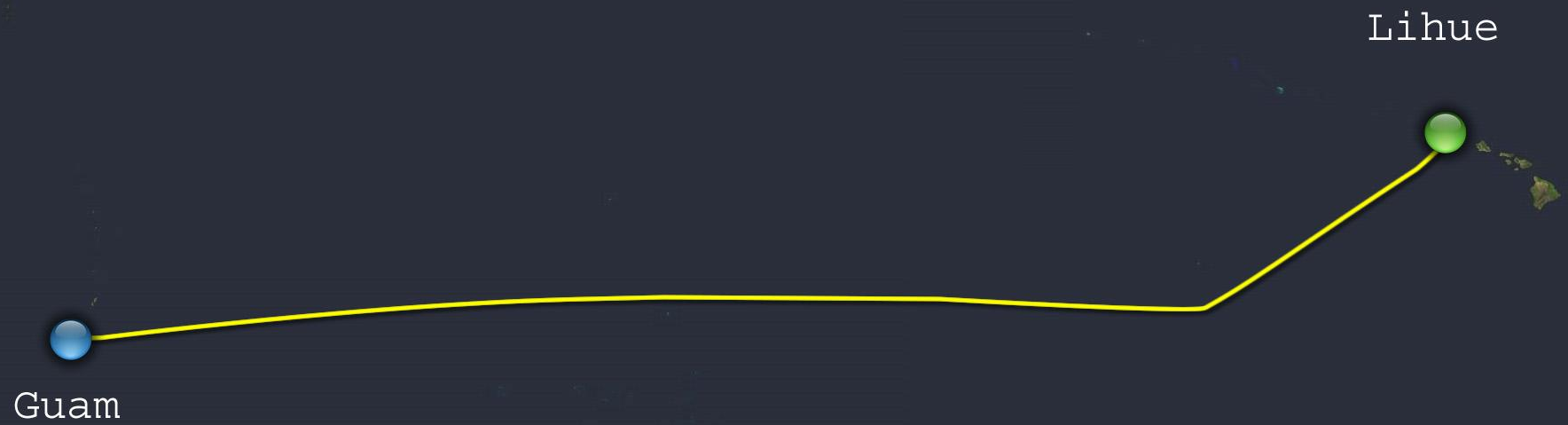
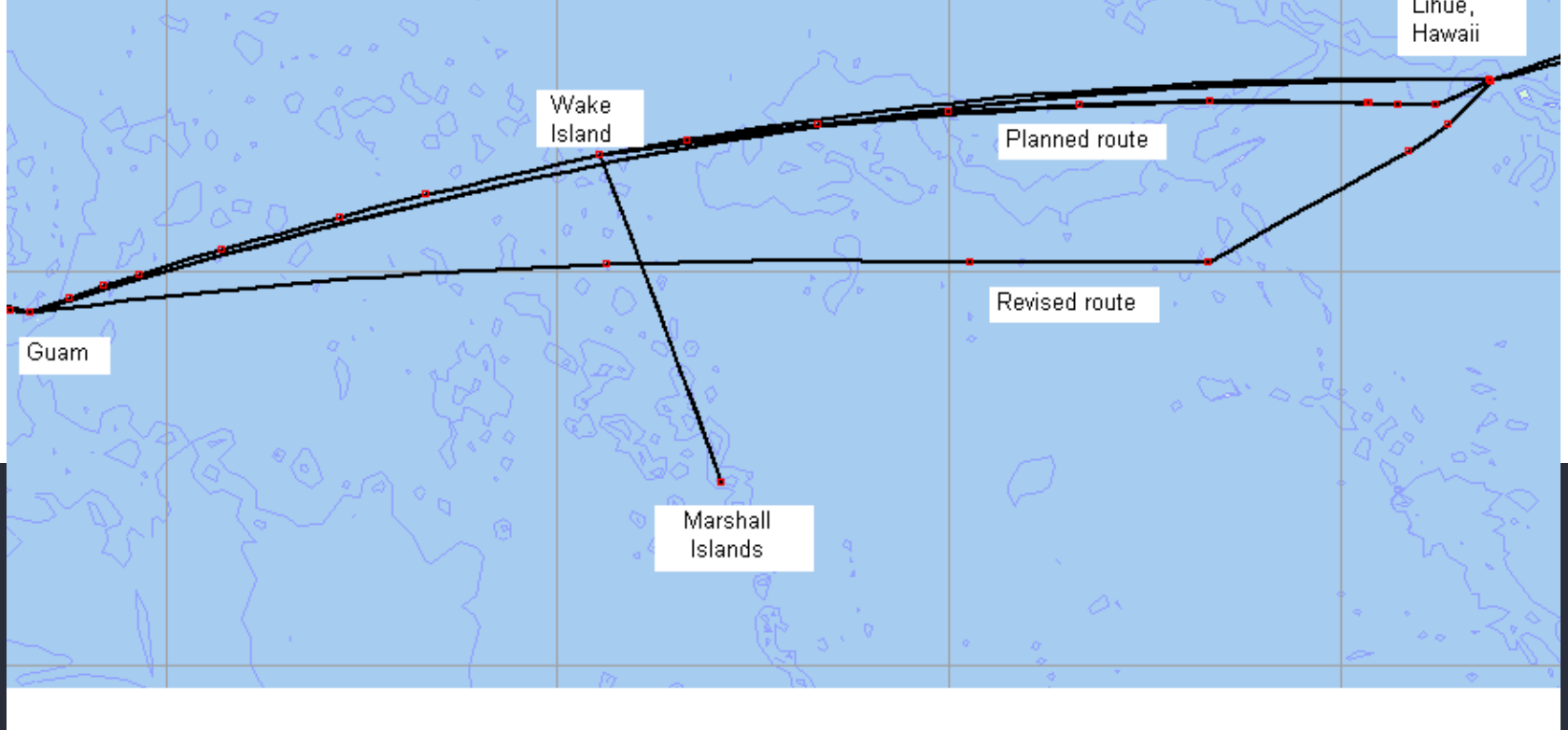
San Diego





- 16.7 hour flight
- 9 hours ground time









23 hrs flying
8 hrs ground





A satellite map of Southeast Asia and the Philippines. A yellow line connects a blue dot in northern Thailand to a green dot in Guam. The line starts in Chiang Mai, Thailand, goes south and west to the coast, then follows the coast of the Philippines northwards to Guam. The text 'Chiang Mai, Thailand' is next to the blue dot, 'Philippines' is in the middle of the line, and 'Guam' is next to the green dot.

Chiang Mai,
Thailand

Philippines

Guam



20.4 hour flight
8 hours ground time



- First international destination
- Customs & Immigration





Salalah,
Oman

India

Chiang Mai
Thailand





Coffee & cookies

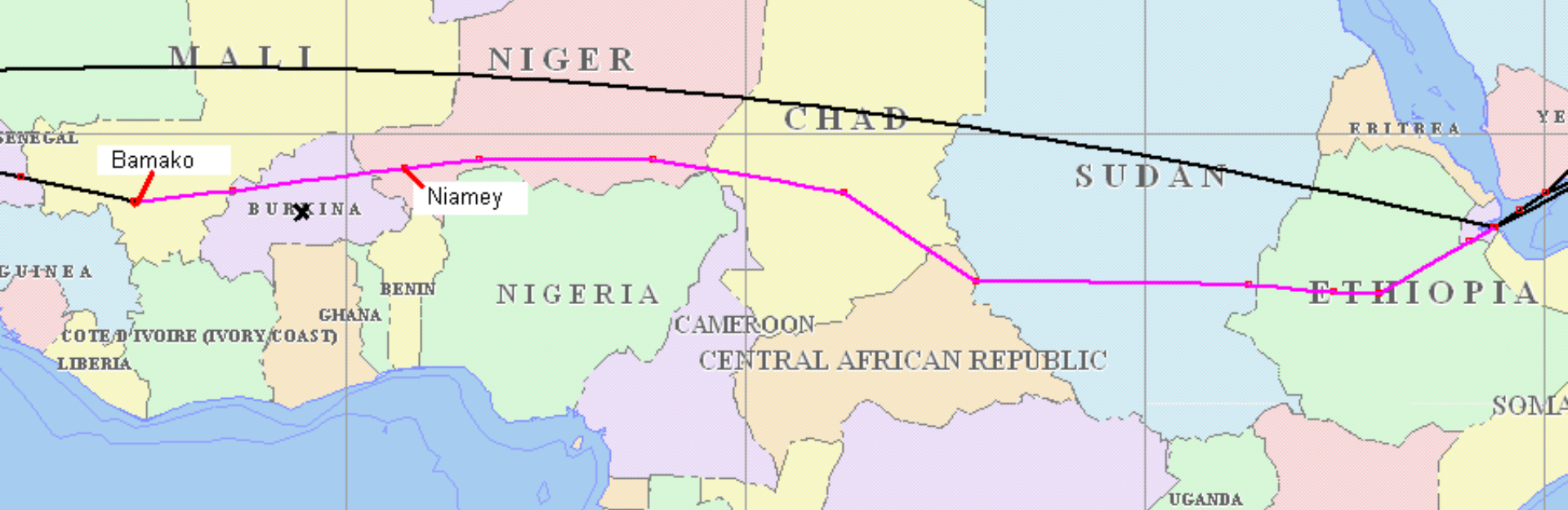


20 hrs flying, 3.4 hrs ground





- Full night's rest, 8 hours sleep



1 hour 15 minutes ground time





Sal,
Cape Verde

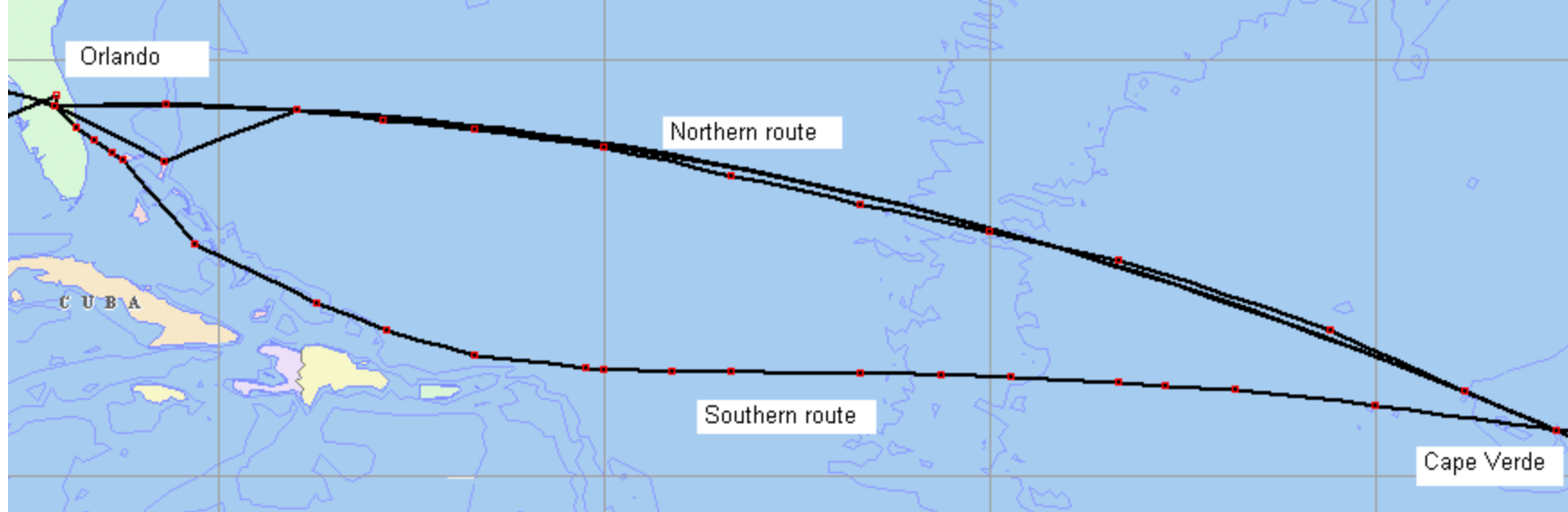
Ouagadougou,
Burkina Faso





10 hour flight
2 hours 45 minutes
ground time









Successful Flight

- 8 days, 12 hours, 18 minutes, 53 seconds
115.35 miles per hour
- Federation Aeronautique Internationale certified the World Record,
03/16/09





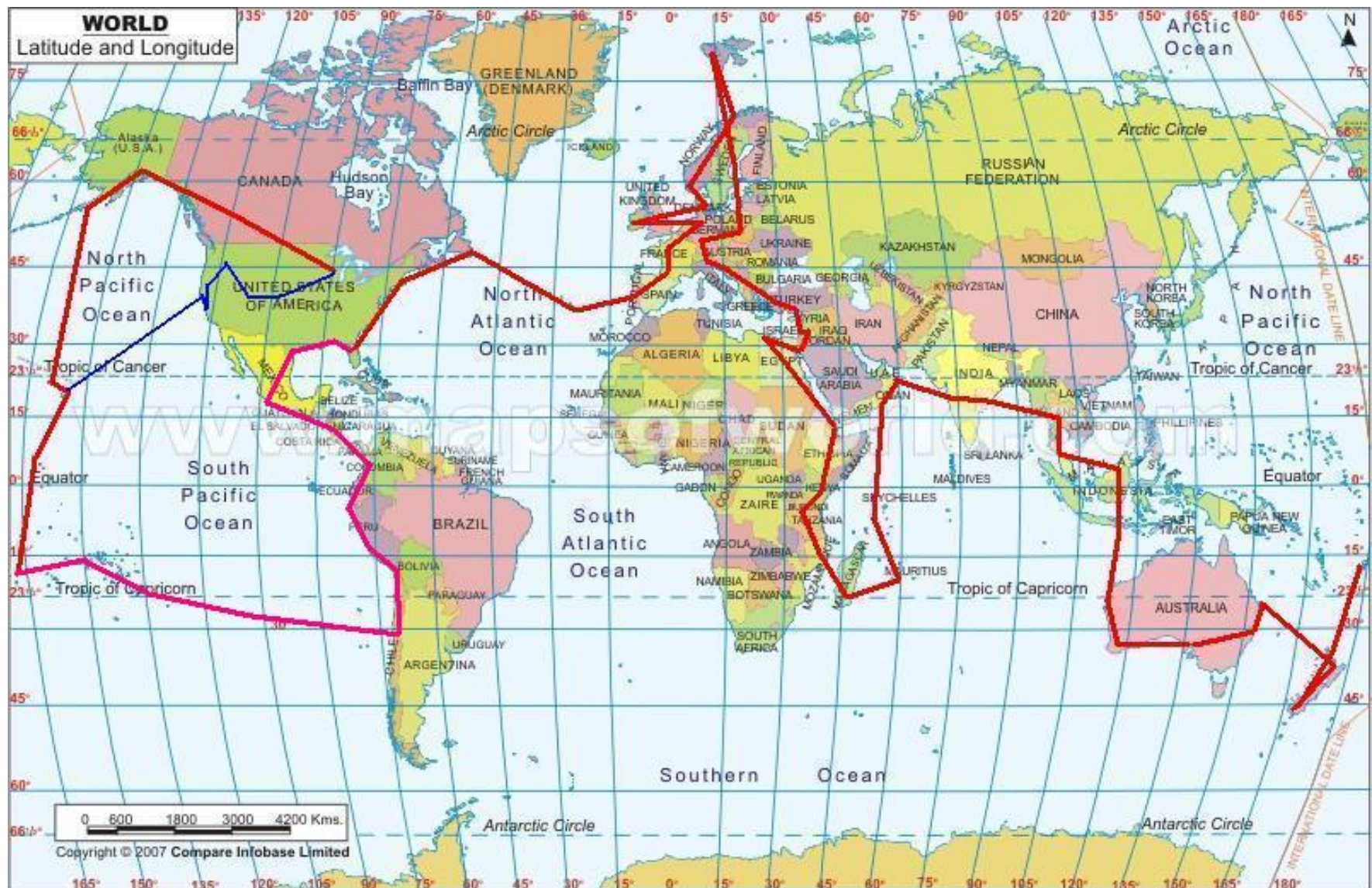
Statistics

- 158 hours flying
- 4 hours IMC, in clouds
- 81 hours at night
- 46 hours on the ground
 - 28 refuel & maintenance hours
 - 18 hours sleeping in hotel
- 20,400 nautical miles, 23,200 statute miles
- 1185 gallons avgas
- Donations \$338,600 for ALS research



DVD on YouTube

Eastbound: Start April 2011 - Return March 2012



www.alsworldflight.com or Facebook & Twitter “Dash for a Cure”