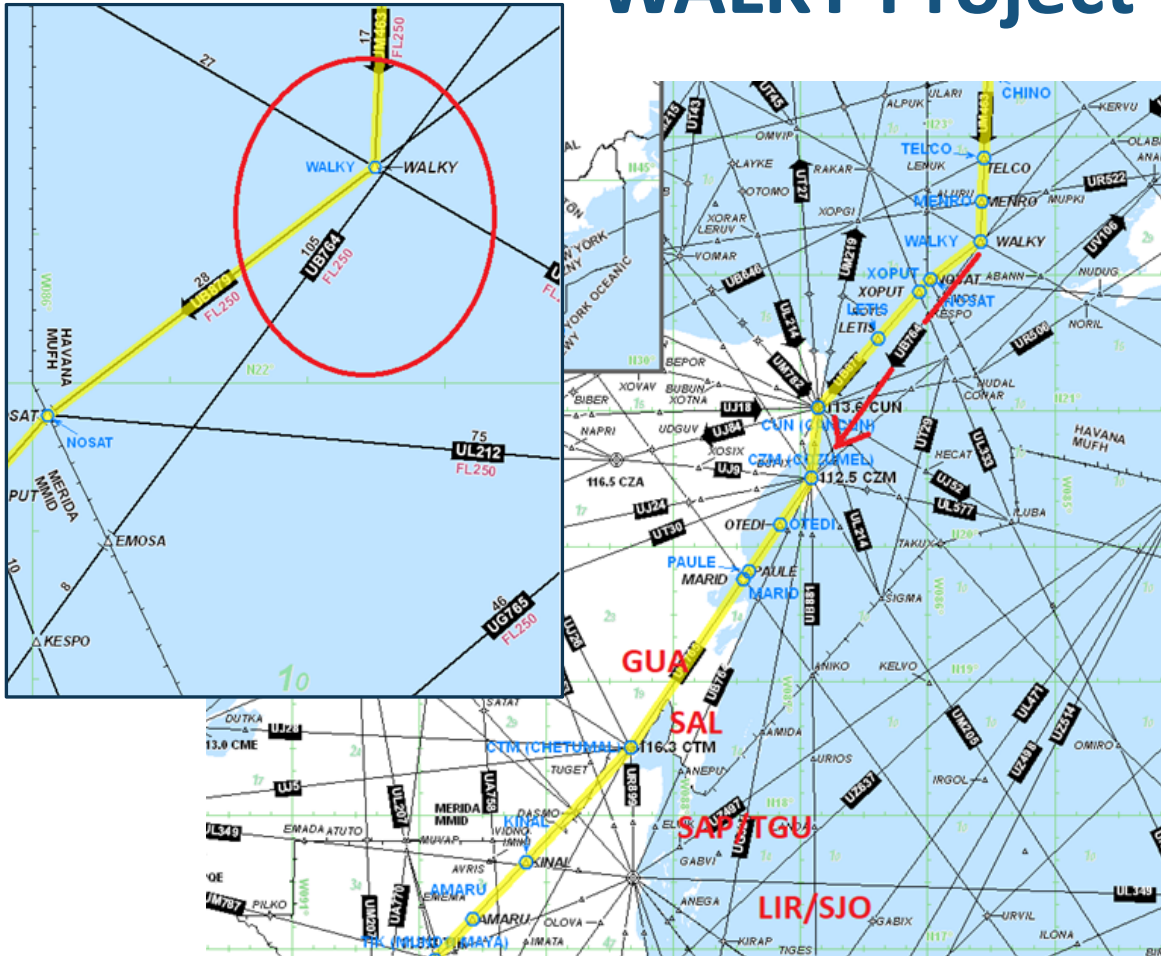


P/03 WALKY Project Agenda Item 3

For: ICAO NACC 2nd Airspace Optimization Meeting
By: CADENA
Date: November 18, 2021

WALKY Project - Background



- UAL requested that Havana ACC and Merida ACC consider relocating WALKY intersection onto UB764 in addition to UB879
- Southbound traffic to CZM and Central America may flow better via L465 SHARQ UM463 WALKY UB764 CZM ...

WALKY Project – Benefit Assessment

If WALKY is moved onto UB764, flights from the NYC market, Washington metros, CLT, and ATL to destinations in Central America would be the most likely to use the newly aligned route.

8,760 miles	saved per year
1,251 min	saved per year
115,340 lbs (fuel)	saved per year
165,323 kg (CO2)	saved per year
40,102 US \$	saved per year (fuel cost)
125,143 US \$	saved per year (op cost)
165,245 US \$	saved per year (fuel & op cost)

Assumptions:

- 6 miles saved per flight
- 79 lbs fuel saved per flight
- 4 flights per day
- 365 days per year
- B737
- 7 miles per min
- 3.16 kg of CO2 produced per kg of fuel
- 2.3295 US\$ per gallon
- 100 US\$ per min of op cost

Next Steps

- Coordination with Havana ACC and Merida ACC to determine if WALKY can be relocated/merged with multiple routes
- Coordination with Merida ACC regarding the use of relocated WALKY and routes
- Information sharing and training of airline dispatchers and ANSP personnel
- Data collection, benefit analysis, and sharing of information regarding use of a relocated/merged WALKY

Question?

Thank you!

CANSO

