International Civil Aviation Organization North American, Central American and Caribbean Office

INFORMATION PAPER

NAMCARAOT/02— IP/02 16/11/21

2nd Meeting of the NAM CAR Regional Airspace Optimization Team(NAMCARAOT/02) Online, 18 November 2021

Agenda Item 2: LIB Arrival Plan-Anthony Salas Costa Rica

PRESENTATION OF LIBERIA ROUTE

(Presented by COCESNA)

EXECUTIVE SUMMARY				
This paper describes the potential savings by modifying arrivals anddepartures from the				
east into Liberia, Costa Rica.				
Strategic	•	Air Navigation Capacity and Efficiency		
Objectives:				

1. Discussion

1.1 As the objective of optimizing both high and low airspace this is an example of a low altitude proposal that could result in many savings.

Arrival savings based on 5 arrivals/day

21,900 miles	saved per year
3,129 min	saved per year
131,400 kg (fuel)	saved per year
289,687 lbs (fuel)	saved per year
415,224 kg (CO2)	saved per year
100,720 US\$	saved per year (fuel cost)
312,857 US \$	saved per year (op cost)
413,577 US \$	saved per year (fuel & op cost)