



Joint Meeting of the North American, Central American and Caribbean Working Group (NACC/WG) Airspace Optimization Task Force and the 4th Meeting of the NAM CAR Regional Airspace Optimization Team

P/03

Route Proposals

Presented by the Secretariat and the

Rapporteur

Agenda Item 6



Proposal for Amendment (PFA) Process and Timelines





PRESENTATION SUMMARY

- ✓ The PFA Process
- ✓ Pre-agreement Discussions
- ✓ Agreement Meeting
- ✓ ICAO Formal Process
- ✓ Publication
- ✓ Implementation
- ✓ Post Implementation Analysis
- ✓ PFA Process Summarized



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THE PFA PROCESS

✓ The PFA Process is comprised of six (6) phases:

- ❖ Pre – agreement discussions
- ❖ Agreement Meeting
- ❖ ICAO Formal Process
- ❖ Publication
- ❖ Implementation
- ❖ Post implementation





PRE – AGREEMENT DISCUSSIONS

- ✓ This phase involves discussion and initial analysis amongst ANSPs/Airline Operators involved in a particular route proposal or segment of a route.

- ✓ It may be initiated by:
 - ❖ Airline Operator request
 - ❖ ANSP analysis of their airspace (safety/efficiency)
 - ❖ Regional discussion

- ✓ If the proposal involves NAM/CAR and SAM States, coordination should be effected involving both NACC and SAM Regional Offices

- ✓ The time period for this phase may vary between 1-3 months to allow for coordination, simulations, safety assessments etc.



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AGREEMENT MEETING

- ✓ This is the formal phase which involves SMEs from States, Airline Operators and ICAO NACC and SAM (if required) Regional Offices .
- ✓ The proposals are brought forward in a meeting and a final decision is made. Agreements are signed by all relevant ANSPs.
- ✓ The signed proposals are submitted to the ICAO Regional Officer for processing.
- ✓ Depending on the amount of proposals, this may take a 1-2 day meeting.

***Note:** If the pre-agreement phase is executed properly, there should not be much work or coordination required.*



ICAO FORMAL PROCESS

- ✓ *ICAO NACC Regional Office checking each form to ensure all stakeholders were involved and to see if there were errors*
- ✓ *Coordination with ICAO SAM Regional Office if required*
- ✓ *ICAO NACC Regional Office submission to ICAO Headquarters*
- ✓ *State Letters for official responses*

This phase could take approximately 1 – 2 months





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PUBLICATION

- ✓ Once there are no issues with the proposal, the route(s) is/are published
- ✓ Two (2) AIRAC cycles are required

Note: Some operators have requested a a time period of three (3) AIRAC cycles





IMPLEMENTATION

- ✓ States implement according to agreed dates
- ✓ Trigger NOTAMS are recommended





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POST-IMPLEMENTATION ANALYSIS

- ✓ As required following any new implementation, States are required to monitor implementations, take corrective actions if there are issues and provide feedback as necessary.





PFA PROCESS SUMMARIZED

Pre – agreement discussions

- Discussion, Analysis, Simulations, Coordination, Safety assessments
- 1-3 Months

Agreement Meeting

- Formal ICAO Meeting, Agreements Signed, Submitted to ICAO Regional Office
- 1-2 Day meeting

ICAO Formal Process

- ICAO Coordination with HQ, Formal letter to States
- 1-2 Months

Publication

- 2 AIRAC Cycles before implementation date
- 2 Months

Implementation

- Routes are implemented

Post Implementation Analysis

- Monitoring and Feedback

Thank You For Your Attention.

Any Questions?



Route Proposals





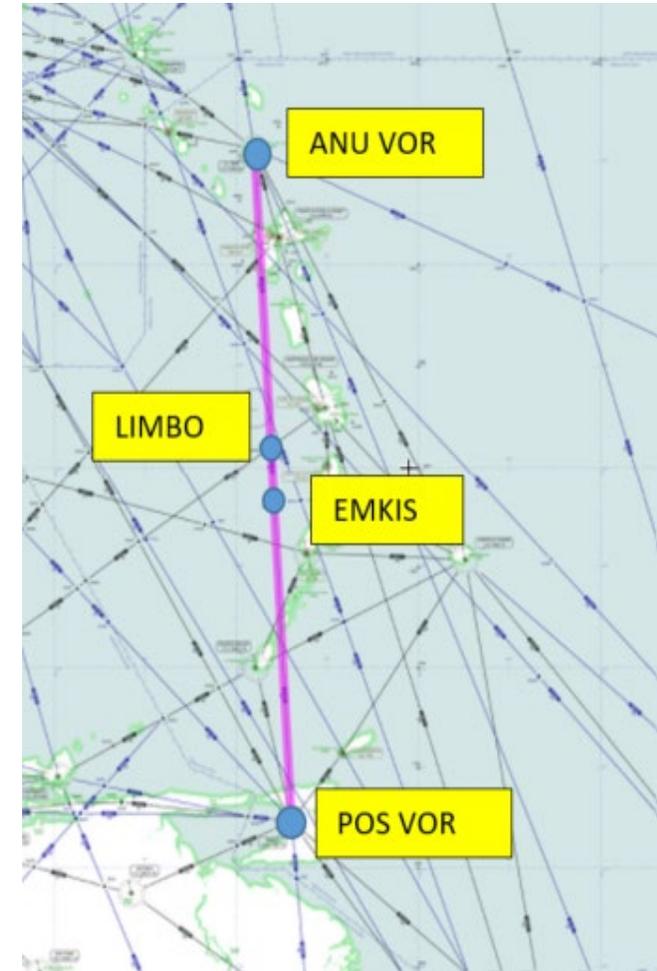
UM402 extension to replace UL205

Identification Number	F L O W S - CITY PAIRS												
	CARIBBEAN-SOUTH AMERICA												
	OPTIMIZATION AIMS:												
	REDUCE FLIGHT DISTANCE	ATC EFFICIENCY	HARMONIZATION	CONNECTIVITY	FLOW IMPROVEMENT	OTHERS (SPECIFY)							
		X	X	X	X								
STATES CONCERNED				FIR CONCERNED				ICAO REGIONS					
TRINIDAD AND TOBAGO				PIARCO				CAR					
ATS ROUTES	ROUTES to be DELETED	CURRENT ROUTE		NEW ROUTE		REALIGN	EXTEND	TRIM	NEW ROUTE	REALIGN	EXTEND	TRIM	
	UL205	UL205		UM402									
UM402 (RNAV5) POS EMKIS LIMBO ANU to replace UL205. This is a bidirectional Route	POINTS	LAT	LONG	DISTANCE	POINTS	LAT	LONG	DISTANCE	POINTS	LAT	LONG	DISTANCE	
	PIARCO (POS) VOR	10 27 59N	061 23 33W		PIARCO (POS)	10 27 59N	061 23						
	EMKIS	13 35 49N	061 34 52W	187	EMKIS	13 35 49N	061 34	187					
	LIMBO	14 12 19N	061 37 06W	36	LIMBO	14 12 19N	061 37	36					
	V.C BIRD (ANU) VOR	17 07 33N	061 48 01W	175	V.C BIRD (ANU) VOR	17 07 33N	061 48 01W	175					
	TOTAL DISTANCE			398	TOTAL DISTANCE			398	TOTAL DISTANCE				

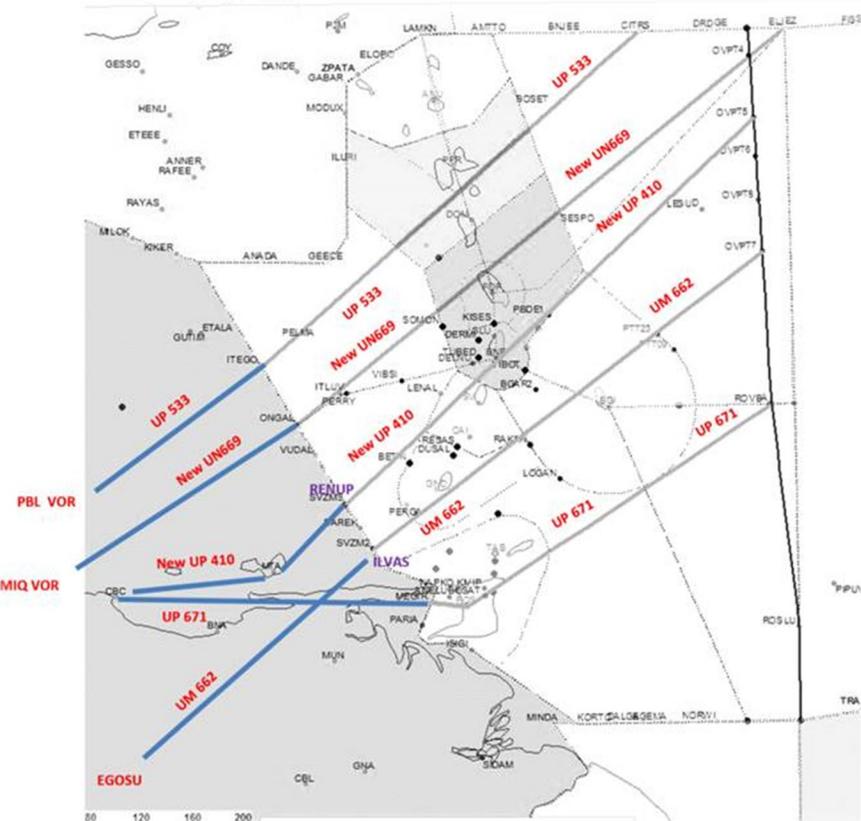
R E C O R D S							
Proposed by	Trinidad and Tobago	Reviewed	ANTIGUA	Reviewed	FRANCE- WEST INDIES		N/A
UM402 (RNAV 5) POS EMKIS LIMBO ANU to replace UL205. This is a bidirectional Route		Approval was provided via email by Mrs.Shenneth Phillips, Manager ATS, Antigua on January 06, 2022		Approval was provided via email by Mr. Jean-Luc Bonnaire, Head of ATS, Guadeloupe and Martinique, on January 05, 2022		N/A	

TYPE AMOUNT	FLIGHTS PER MONTH							TOTAL	NOTES
	A320	A340	B737	B787	B738	B763	B772		

SAVINGS		NOTES
DISTANCE (NM)	CO2 (KG)	



Piarco (TTZP) and Maiquetia (SVZM) RNAV 5 route proposals



New RNAV 5 routes FL250 -UNL

- UP533 ITEGO- CITRS
- UN669 ONGAL – ELJEZ
- UP410 RENUP - OVPT5

Routes to be deleted within PIARCO FIR

- UA561
- UA551
- UA550

New alignment FL250 -UNL

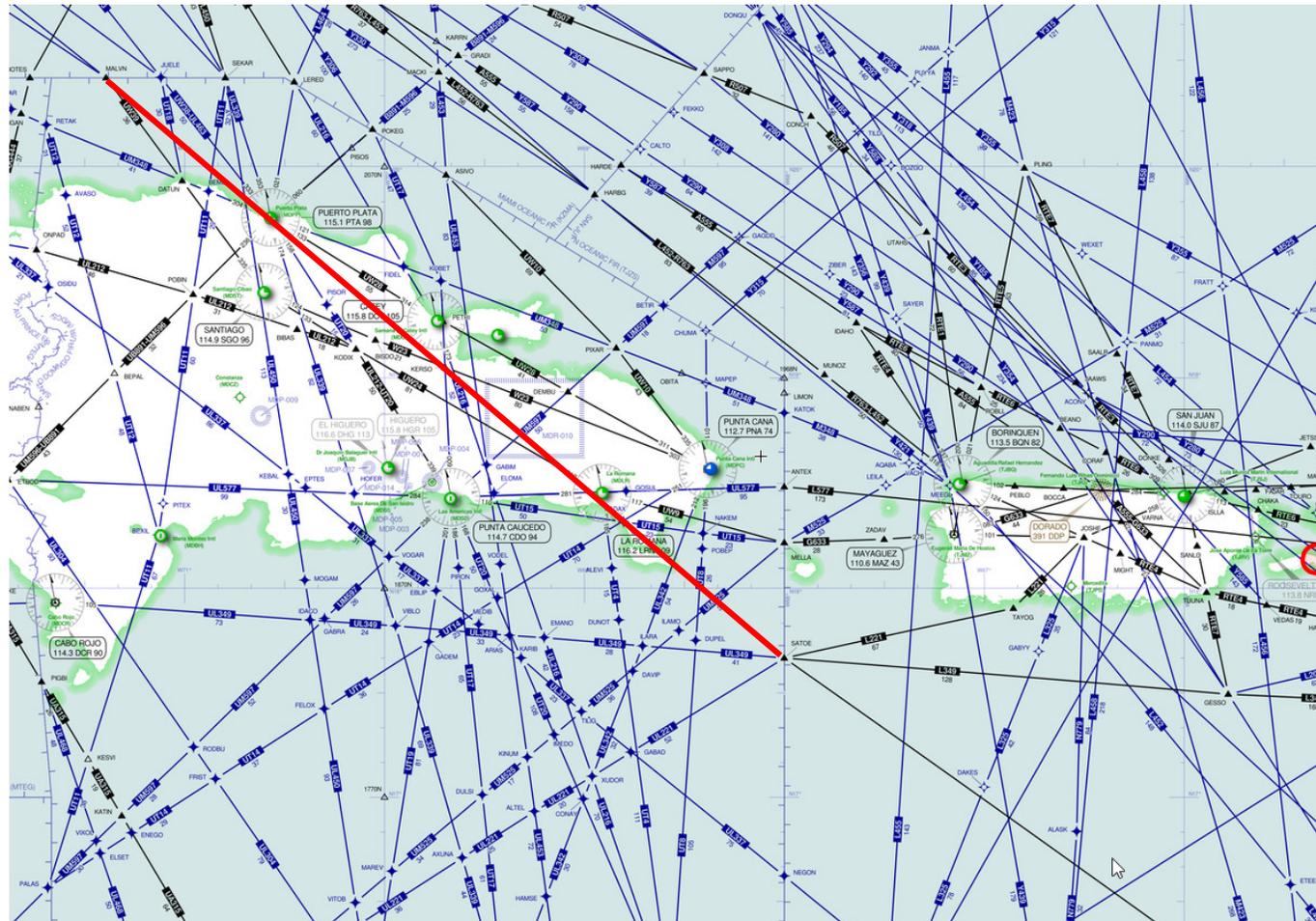
- UM662 to be realigned ILVAS – OVPT7

New extension FL250-UNL

- UP671 to be extended POS - ROVBA



Proposal to extend UL343 airways from SATOE to MALVN





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THANK YOU!