

VATSIM Nassau Center VATSIM Miami ARTCC

**ORDER
ZMA-MYNA LOA**

SUBJ: ZMA-MYNA Non-Procedural LOA

Effective: 07/01/2025

Purpose

This order prescribes air traffic control procedures and phraseology for use by personnel providing simulated air traffic control services on the VATSIM Network. This is not intended for real-world use. Controllers are required to be familiar with the provisions of this order that pertain to their operational responsibilities and to exercise their best judgment if they encounter situations not covered by it.

This agreement establishes inter-facility procedures between Miami Air Route Traffic Control Center (ZMA) and Nassau Center (MYNA). This document contains information regarding the non-procedural agreement between both facilities.

Responsibilities

This agreement covers coordination procedures, route and altitude assignments, and delegation of airspace.

Cancellation

This document replaces and cancels VATCAR-ZMA LOA Version 2, dated September 7, 2023.



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Explanation of Changes

Version	Changes
REV 3	<ol style="list-style-type: none"> 1. Rewrite to include procedural LOA requirements. 2. Modifications to non-procedural agreement.

Chapter 1. Non-Procedural Agreement

1-1. CONTROL OF AIRSPACE

- A. MYNA has jurisdiction over the Nassau CTA/FIR, Nassau TMA, Grand Bahama TMA, and San Salvador Area as defined in Appendix 1, Figure 1-4.
- B. MYNA has jurisdiction over Provo Approach airspace as defined in Appendix 2, Figure 2-1.
- C. ZMA has jurisdiction over Miami Center airspace, including the Caribbean Area (CAR) and Ocean Area (OCN) as defined in Appendix 3, Figures 3-1 and 3-2.
 - 1. Miami Center may combine/decombine airspace to include/exclude Ocean Area sectors as traffic permits and as operationally necessary.
 - 2. The Ocean Area may be controlled on its own to exclude all other combined areas.
 - 3. When controlled on its own, OCN assumes ownership of Sector 61 from CAR. OCN may delegate Sector 61 to the Sector 41 controller when operationally necessary.
- D. In the event that a new approach control is created which underlies ZMA Ocean Area airspace, MYNA shall be assumed to hold jurisdiction over that approach control until this document can be updated to specify it explicitly.

1-2. CONTROLLER CLIENT USAGE

- A. Miami Center airspace must be controlled with the current preferred client for FAA airspace.
- B. At the time of publication, the preferred controller client for FAA airspace is [CRC](#).
- C. Utilization of CRC is essential to guaranteeing that facility files are accurate and to supporting an integrated National Airspace System (NAS).
- D. ZMA will provide training on the usage of CRC to all MYNA controllers seeking certification on the Ocean Area of Miami Center.
- E. CRC shall not be used to provide top-down services in non-NAS airspace.
- F. Sections 1-2(A) and 1-2(E) are not applicable to MYNA controllers. If a MYNA controller is providing top-down services, they must indicate that in their controller information.

1-3. MUTUAL ACCESS TO AIRPORTS AND AIRSPACE

- A. ZMA hereby grants MYNA controlling privileges for the Ocean Area of Miami Center, in accordance with the terms of this LOA.
 - 1. When controlled on its own, OCN assumes ownership of Sector 61 from CAR. See 1-1(C) for more information.
- B. MYNA hereby grants ZMA controlling privileges for Provo Approach airspace, excluding any underlying facilities, during the hours it is regularly closed (2000-0600L), unless otherwise coordinated.
- C. At their discretion, ZMA may elect to make arrangements with MYNA to provide training and certification for MYNA controllers to also control the Atlantic Area, Coastal Area, Everglades Area, Westside Coastal Area, and Caribbean Area of Miami Center airspace. This shall be handled in a separate LOA, and ZMA retains the right to revoke such arrangements at any time.

1-4. MUTUAL CERTIFICATION PROGRAM

- A. The Owning Facility shall maintain a public list of Authorized Certification Authorities (ACAs). These ACAs are staff members of the Using Facility (division or subdivision level) who the Owning Facility has authorized to issue certifications for their positions on their behalf.
 - 1. The Owning Facility may require ACAs to undergo any training deemed appropriate, including in excess of typical requirements for certification.
 - 2. When local procedures change, the Owning Facility may, in writing, require ACAs to undergo reasonable additional training, in order to retain their certification authority.
 - 3. The Owning Facility may, in writing, revoke certification authority for a particular ACA at any time, and for any reason.
 - 4. Each facility should designate at least two ACAs, and shall make genuine efforts to ensure that, at all times, there is at least one.
 - i. If a situation arises where a Using Facility possesses no designated ACAs, the Owning Facility shall conduct all evaluations within 7 days of any such request, and shall expeditiously appoint replacement ACAs as soon as appropriate candidates are found and trained.
- B. For any evaluation conducted by the Using Facility for certification on the other's positions, the Using Facility shall:
 - 1. Notify the Owning Facility of the time of the evaluation, in writing, at least 4 hours in advance. Without this notification, the evaluation is invalidated.
 - 2. For all certifications issued through this process, the ACA shall notify the Owning Facility, who shall reflect the certification in their roster.
 - 3. Allow a single representative of the Owning Facility to silently observe the evaluation and debrief session, in its entirety, including being present in local voice channels.
 - i. The observer from the Owning Facility does not have any input on the decision to certify, and shall not participate or weigh in unless specifically asked. Unsolicited input or disturbances may result in forfeiting this privilege for that evaluation only.
- C. Upon observation of issues of controller competence, only after receiving approval from their Division Training Director (or Division Director), the Owning Facility may, in writing, revoke the certification of a controller of the Using Facility, with immediate effect. In the event of a revoked certification:
 - 1. Within 24 hours of written revocation, a representative of the Owning Facility shall document the observed deficiencies, and submit a detailed, written report, via a single email, including the Owning Facility's division, the VATSIM Vice President of the Americas Region (VP-AMAS), and the Using Facility's Training Administrator. In the absence of this report being sent within this time period, both facilities shall consider the certification to be automatically restored, and the events leading to the revocation as ineligible as rationale for a later revocation. The Owning Facility's division shall coordinate with the Using Facility's division to ensure the appropriate corrective training is provided in collaboration with the Owning Facility.

2. Only the Owning Facility may conduct the evaluation to reissue a certification that had been revoked through this process.
3. The Using Facility shall conduct all necessary remedial training, and advise the Owning Facility when the controller is ready for evaluation. The Owning Facility shall conduct this evaluation within 14 days of written request.

1-5. MUTUAL ROSTER

- A. ZMA and MYNA shall make arrangements for some sort of mutually controlled roster solution (or other method) to show a real-time updated certification status of all ZMA/MYNA home and visitor controllers. Both shall ensure this information is shown on the Roster page of their website.
- B. ZMA shall be the sole entity with the ability to edit the posted certification status for all MYNA controllers on the Ocean Area of Miami Center.
- C. MYNA shall be the sole entity with the ability to edit the posted certification status for all ZMA controllers on MYNA.
- D. Both ZMA and MYNA shall ensure none of their home or visiting controllers are permitted to sign on to the other's control positions until the certification is reflected on the mutual roster.

1-6. DEFINITIONS

- A. Ocean Area: the Ocean Area of Miami Center, as defined in the Miami Air Route Traffic Control Center SOP (also referred to as "ZMO")
- B. Jurisdiction: term describing which subdivision holds the root ownership of a given airport or ATC facility. The jurisdictional subdivision holds the final authority regarding the operation and procedures for that particular airport or ATC facility.
- C. Owning Facility: when referring to shared access to airspace, the owning facility refers to the subdivision (ZMA/MYNA) who holds jurisdictional ownership of the airspace in question.
- D. Using Facility: when referring to shared access to airspace, the using facility refers to the subdivision (ZMA/MYNA) who is using the airspace in question, but does not hold jurisdictional ownership.
- E. Authorized Certification Authority (ACA): an individual person within the Using Facility who is authorized by the Owning Facility to conduct evaluations, and issue certifications, for ATC positions belonging to the Owning Facility.

Appendix 1. MYNA Figures

Figure 1-1. ATAs/DTAs and Nassau TMA Airspace

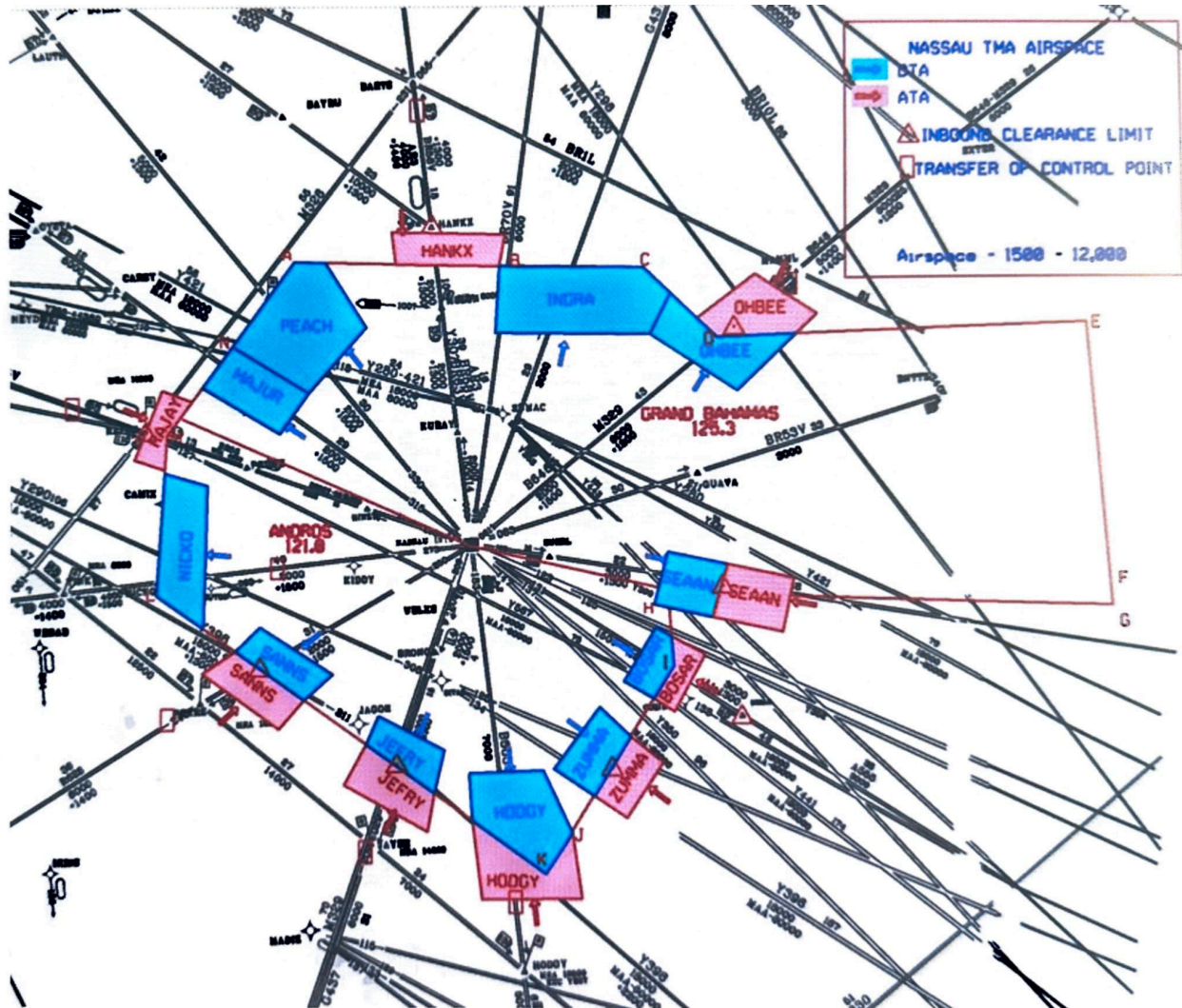


Figure 1-2. ATAs/DTAs - Nassau East Operations

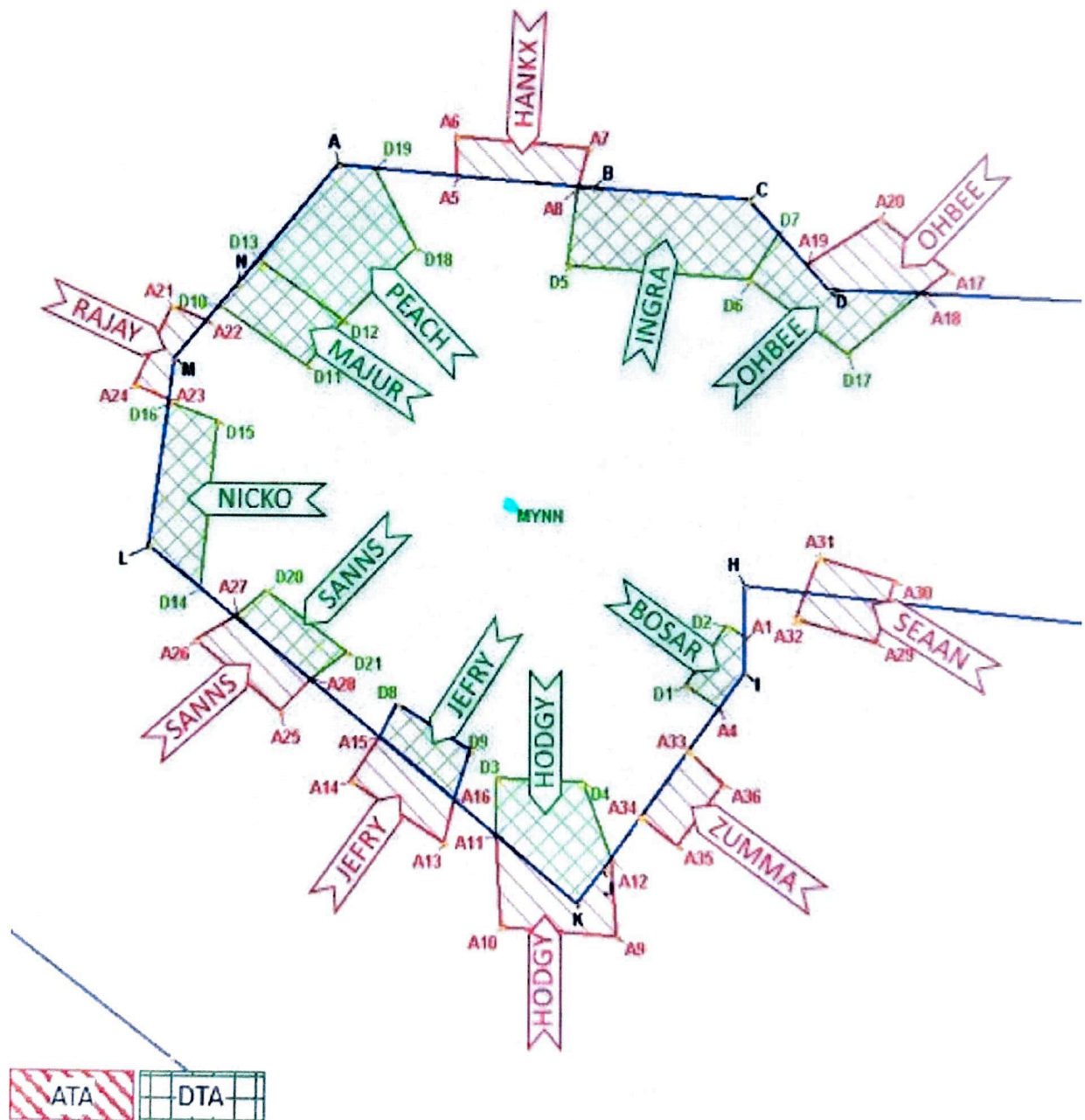


Figure 1-3. ATAs/DTAs - Nassau West Operations

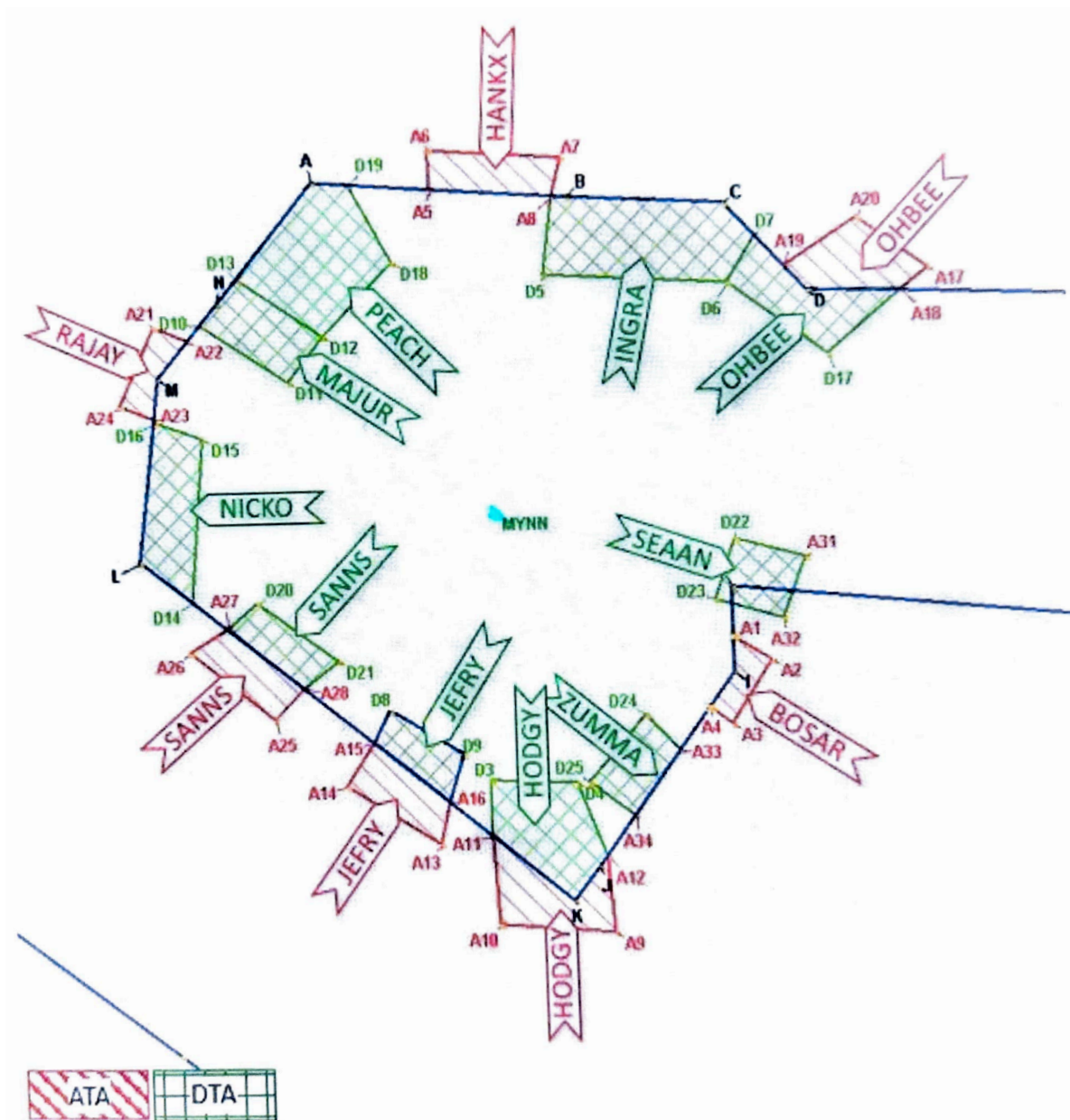
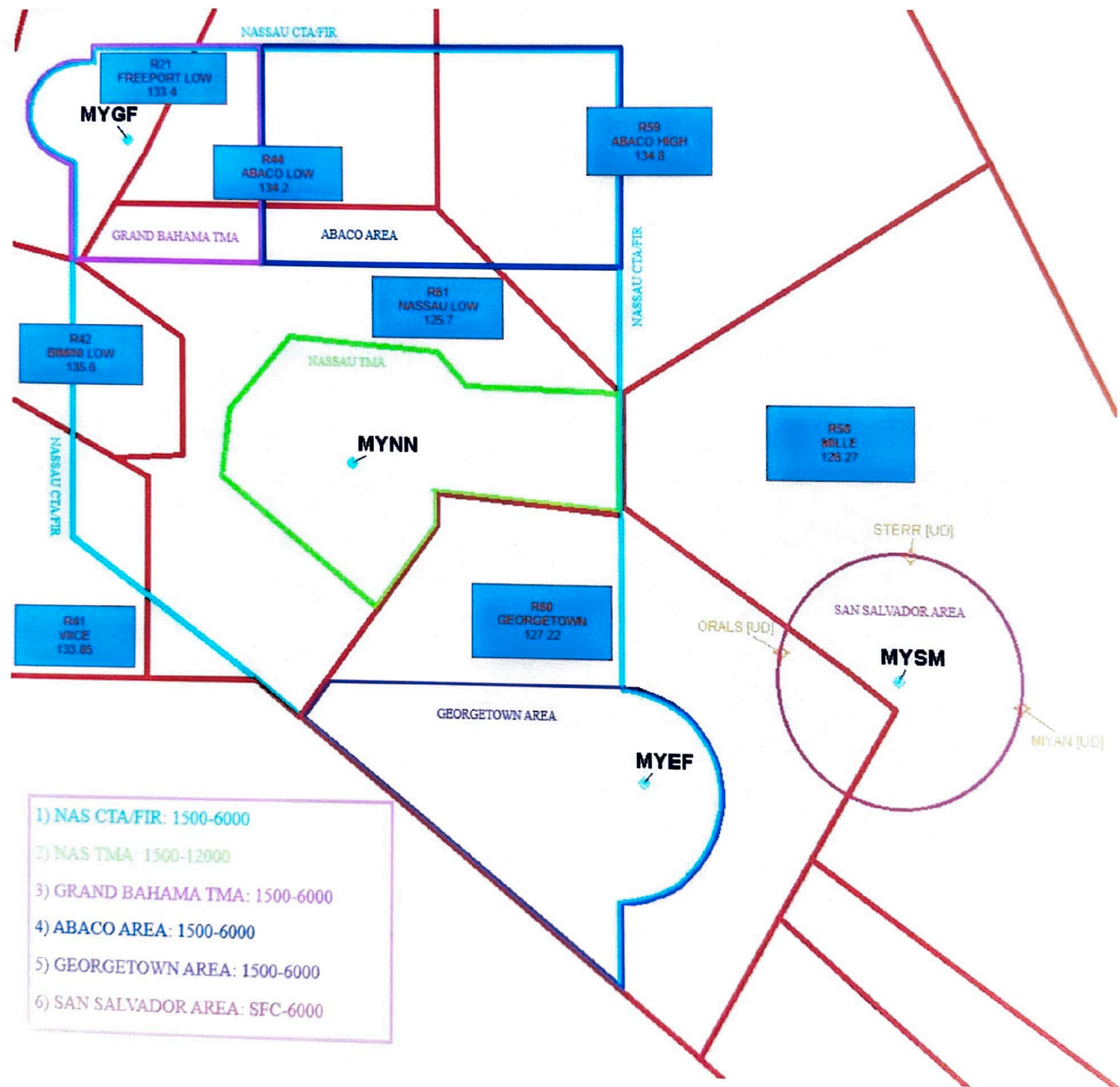


Figure 1-4. Abaco, Georgetown, and San Salvador Areas



Appendix 2. MBPV Figures

Figure 2-1. Provo Approach Airspace

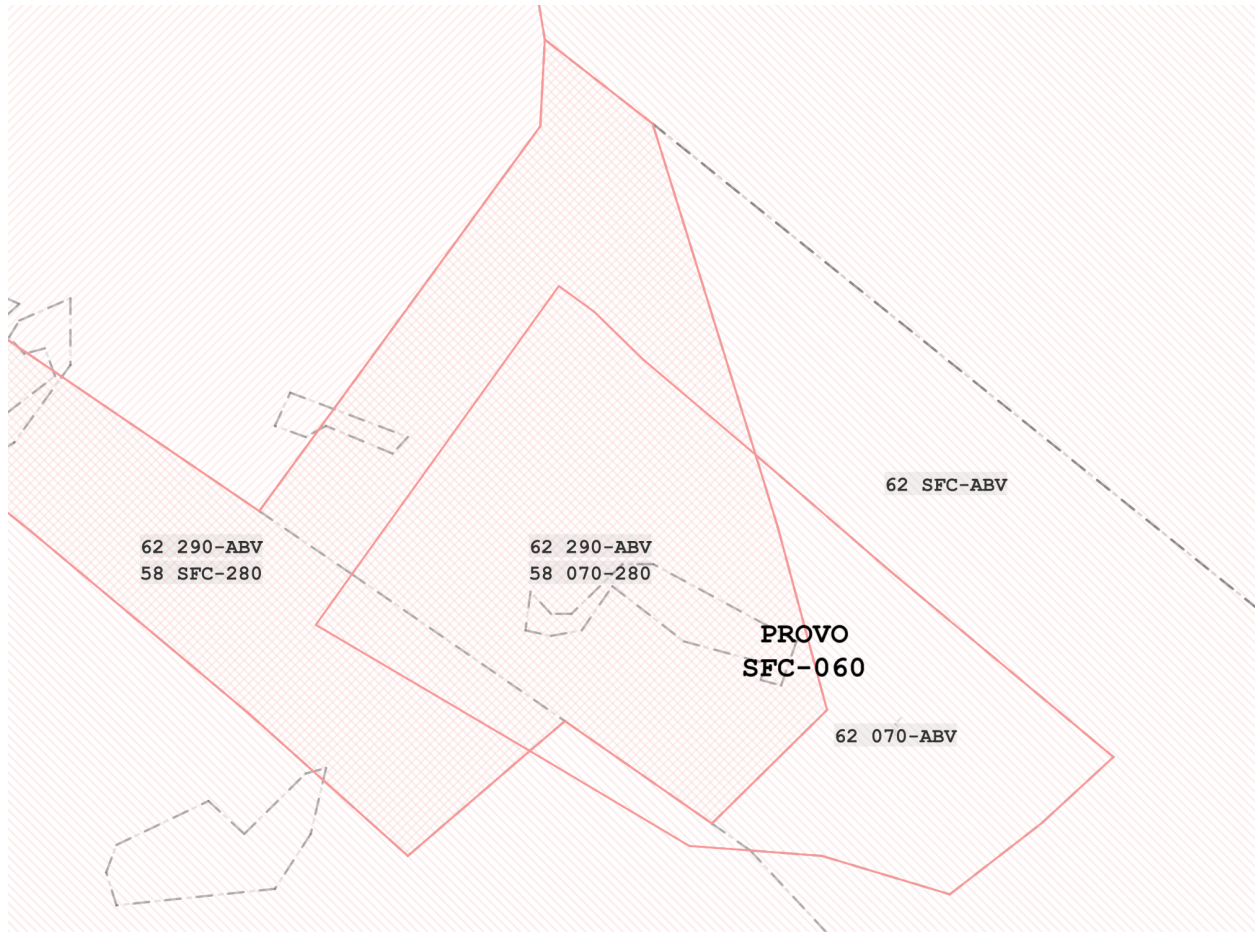


Figure 3-1. Miami Center Ocean Area

Figure 3-2. Miami Center Caribbean Area Sector 61 (including Ocean Area)

