

VATSIM San Juan CERAP VATSIM Miami ARTCC

ORDER
ZMA-ZSU LOA

SUBJ: ZMA-ZSU LOA

Effective: 01/23/2025

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 San Juan Combined Enroute Radar Approach Control (ZSU).

Responsibilities

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

Cancellation

This document replaces and cancels ZMA-ZSU LOA, dated January 20, 2021.



Dan Leavitt
Air Traffic Manager
VATSIM Miami ARTCC



Francis Reilly
Air Traffic Manager
VATSIM San Juan CERAP

TABLE OF CONTENTS

TABLE OF CONTENTS..... 2
EXPLANATION OF CHANGES..... 2
CHAPTER 1. ZMA-ZSU LOA..... 3
 1-1. COORDINATION..... 3
 1-2. AIRWAY RESTRICTIONS..... 3
 1-3. ARRIVAL ROUTINGS..... 4

Explanation of Changes

Changes within the document are emphasized with a vertical line beside changed text.

Version	Changes
REV 1	1. Change information.

Chapter 1. ZMA-ZSU LOA

1-1. COORDINATION

- A. Within 30 NM of the ZSU/ZMA boundary, after completion of radar handoff, the receiving facility has control for turns on all radar identified aircraft from:
1. ZSU: H110 - H170
 2. ZMA: H280 - H010

1-2. AIRWAY RESTRICTIONS

- A. Route aircraft transitioning the ZMA/ZSU border as defined in Table 1-1.
- B. ZMA must ensure TJSJ/TJIG/TJBQ/TJPS arrivals are below southeast bound traffic, similar speed, and overflight aircraft when they are 5 NM or less from each other prior to the ZMA/ZSU boundary.

ZMA/ZSU Airway Restrictions (Table 1-1)		
Direction	Restriction	Airways
Northwestbound	RNAV AOA FL160	SAPPO Y280/Y399 FEKKO Y308 HARBG Y330/Y421/L452
	Others	SAPPO R507
Southeastbound	RNAV AOA FL170	FIPEK Y292/Y294/Y355/Y439 CALTO Y290 HARBG Y421/L452
	Others	HARDE A555
All	RNAV AOA FL160	DONQU Y185/Y318/Y356/L454
	Others	HARBG R763
ZNY via DONQU	RNAV AOA FL170	DONQU L454 LUCTI DONQU Y318 RODRK L453 LAMER DONQU Y356 CERDA Y439 SLUKA L452 LNHOM DONQU Y356 IORIO R763 LETON

1-3. ARRIVAL ROUTINGS

- A. Miami Complex Airports (MIA CX): KMIA / KTMB / KHST / 07FA / X51
- B. Ft. Lauderdale Complex Airports (FLL CX): KFLL / KOPF / KFXE / KPMP
- C. Issue routes to aircraft transitioning between or arriving in ZMA or ZSU as defined in Table 1-2.

Routing Requirements (Table 1-2)			
Destination	Restrictions	Route	Altitude Restrictions
MIA CX	RNAV Jets	FEKKO Y308 MADIZ VIICE STAR	N/A
	Others	SAPPO Y399 ZQA FOWEE STAR	
FLL CX	RNAV Jets	SAPPO Y399 ZQA OLAHS STAR	N/A
	Others	SAPPO Y399 ZQA DEKAL STAR	
TJSJ / TJIG	RNAV	CALTO Y290 BEANO	Below TNCM / TIST / TISX arrivals
	Non-RNAV	HARDE A555 IDAHO RTE6 BEANO	
TIST	RNAV	CALTO Y290 JETSS	Below TNCM / TISX arrivals
TISX / TJBQ	RNAV	HARBG Y421 MEEGL	Below overflights
TNCM	RNAV	FIPEK Y355 SLUGO	N/A
Southbound Overflights	RNAV	FIPEK Y355 ELOPO HARBG L452 ANADA	N/A
MDPC/MDLR	All	FIPEK	FL270