

**INDIANAPOLIS ARTCC AND CLEVELAND ARTCC
LETTER OF AGREEMENT**

EFFECTIVE: 09/19/2011

SUBJECT: INTERFACILITY COORDINATION

1. PURPOSE: This agreement establishes coordination procedures and defines delegation of airspace between VATUSA Cleveland ARTCC (ZOB) and VATUSA Indianapolis ARTCC (ZID). This agreement is supplemental to procedures contained within FAA Order 7110.65.

2. DISCLAIMER: Information contained herein is designed and specifically for use in a virtual air traffic control environment. It is not applicable, nor should it be referenced for live operations in the National Airspace System (NAS).

3. CANCELLATION: Any VATUSA Cleveland ARTCC and VATUSA Indianapolis ARTCC Letter of Agreement dated prior to 9/19/2011

4. RESPONSIBILITIES:

- a. ZID delegates to ZOB the responsibility for ATC service as depicted on Attachment A
- b. ZOB delegates to ZID the responsibility for ATC service as depicted on Attachment B

5. GENERAL PROCEDURES:


- a. The receiving ARTCC has control for beacon code changes.
- b. Each ARTCC shall route/restrict aircraft in accordance with Attachment C, additionally:
 - 1. Aircraft landing within 60 miles of the boundary shall enter the receiving ARTCC's airspace AOB FL230, and the receiving ARTCC shall have control for descent and turns.
 - 2. Routes/restrictions listed in Attachment D shall apply upon request of the receiving ARTCC for events or periods of heavy arrival or departure traffic to or from the designated airport.
 - 3. Aircraft unable to comply with required routes or altitudes shall be coordinated with the receiving ARTCC on an individual basis.

6. ATTACHMENTS:

- a. Attachment A – ZID Airspace Delegation to ZOB
- b. Attachment B – ZOB Airspace Delegation to ZID
- c. Attachment C – Standing Route/Altitude Restrictions
- d. Attachment D – Traffic Dependent Route/Altitude Restrictions.

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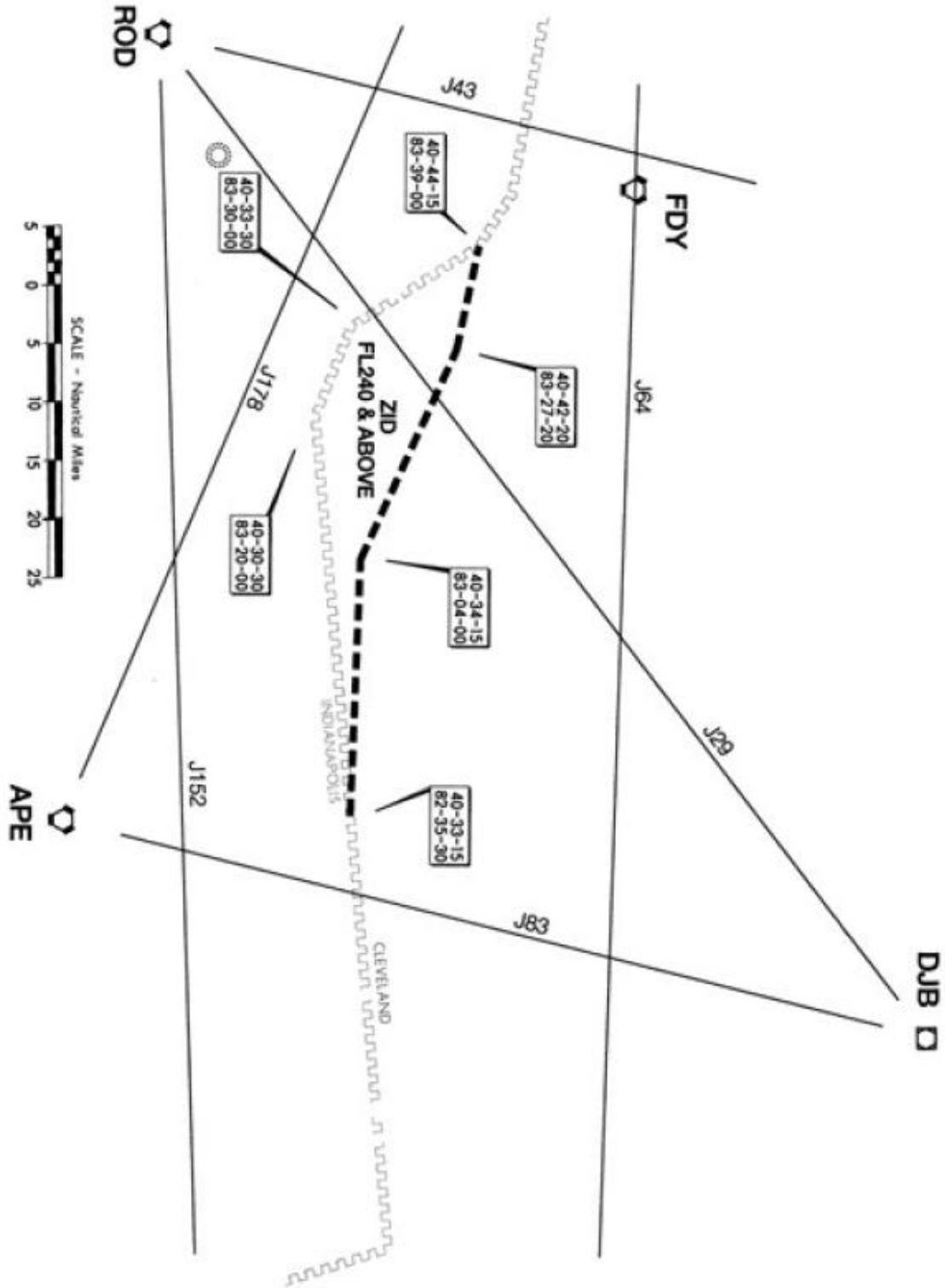
Air Traffic Manager
Indianapolis ARTCC

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Air Traffic Manager
Cleveland ARTCC

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ATTACHMENT B – ZAU AIRSPACE DELEGATION TO ZID



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ATTACHMENT C – STANDING ROUTE/ALTITUDE RESTRICTIONS

FROM ZOB TO ZID

Arrival Airport ¹	Qualifier	Route Via	Altitude
CVG	East of TVT	CTW.TIGRR or CINCE (STAR)	AOB FL320
	BUD to TVT	WAAHU..APE.TIGRR or CINCE (STAR)	
	West of BUD	FDY.DEBAR (STAR)	AOB FL220
IND	East of BSV	AIR..EMPTY.CLANG (STAR)	
	West of BSV	ROD..CLANG (STAR)	
SDF		APE or ROD.RDSTN (STAR)	
CMH	West of MFD	FBC.GUNNE (STAR)	ESSIE AOB 10,000
	MFD to CTW	TVT..APE	AOB 14,000
	East of CTW	BREMN (STAR)	Descending to cross FRICC at 10,000

¹ZID has control for turns and descent for aircraft landing at these airports

FROM ZID TO ZOB

Arrival Airport ¹	Qualifier	Route Via	Altitude
DTW	West of APE	DQN.MIZAR (STAR)	AOB FL230
	East of APE	BOBCT.GEMNI (STAR) ₂	AOB FL300
		COLTZ.WEEDA (STAR)	
CLE	East of APE	TVT.KEATN (STAR)	Jets AOB FL190 Props AOB 15,000
	West of APE	TOOOK.ZABER (STAR)	WARGO AOB FL190
	Props		WARGO AOB 13,000
		ROD.ZABER (STAR)	AOB FL190
PIT	North of ZZV	CTW.WISKE or FEWGA (STAR)	CTW AOB FL190
	South of ZZV	JPU.WISKE or FEWGA (STAR)	JETS AOB FL210 PROPS AOB 15,000

¹ZOB has control for turns and descent for aircraft landing at these airports

²When practical, GEMNI arrival shall serve as the primary arrival to DTW

For VATSIM Use Only

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ATTACHMENT D – TRAFFIC DEPENDENT ROUTE/ALTITUDE RESTRICTIONS

FROM ZOB TO ZID

Arrival Airport ¹	Qualifier	Route Via	Altitude
DAY	West of MFD	..ROD	AOB 14,000
	East of MFD	APE.DANEI (STAR)	AOB FL280
CRW	East of CTW	HVQ	AOB 18,000

¹ZID has control for turns and descent for aircraft landing at these airports

FROM ZID TO ZOB

Arrival Airport ¹	Qualifier	Route Via	Altitude
CAK	TVT	TVT..DALTS	Jets AOB 10,000 Props AOB 8,000
	JPU	JPU.V53.BSV	AOB FL230
MFD		MFD	AOB 8000
TOL	East of BUD	VWV	AOB 17,000
	West of BUD		AOB FL200
CKB	HVQ	HVQ..CKB	ABO 11,000
	JPU	JPU..CKB	AOB 10,000

¹ZOB has control for turns and descent for aircraft landing at these airports