

**VATUSA CLEVELAND ARTCC AND WASHINGTON ARTCC
LETTER OF AGREEMENT**

SUBJECT: INTERFACILITY COORDINATION

EFFECTIVE: February 15, 2025

1. PURPOSE

This Letter of Agreement defines interfacility procedures and delegation of airspace between Cleveland Center and Washington Center. This agreement is supplemental to procedures contained within FAA Order 7110.65.

2. DISCLAIMER

Information contained herein is designed 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

VATUSA Cleveland ARTCC and Washington ARTCC Letter of Agreement dated January 31, 2024 is hereby canceled.

4. RESPONSIBILITIES

- a. When Clarksburg Tower (CKB) is closed, the airspace depicted in Attachment 1 reverts back to ZDC at 10,000 and below.
- b. Airspace delegation between ZOB and ZDC must be in accordance with Attachment 1 and Attachment 2.

5. PROCEDURES

- a. Transfer of Control:
 - i. Radar handoffs must be made in relation to the ZOB/ZDC common boundary. Boundaries defining lateral/vertical control jurisdiction between centers must be defined as the Transfer Point.
 - ii. Both facilities have control for beacon code change subsequent to radar handoff and frequency change.
 - iii. Unless otherwise defined in this agreement, ZOB and ZDC have control for turns up to 15 degrees within 15 miles of the boundary when turns are made within the transferring controller's airspace.
- b. Interim Altitude (ITAL) Procedures: Use of interim altitudes is authorized for the purpose of coordinating assigned altitude information.
 - i. Handoffs must be made to the sector controlling the altitude assigned to the aircraft.
 - ii. Assign an interim altitude (QQ) when an aircraft cannot be cleared to its requested cruise altitude.

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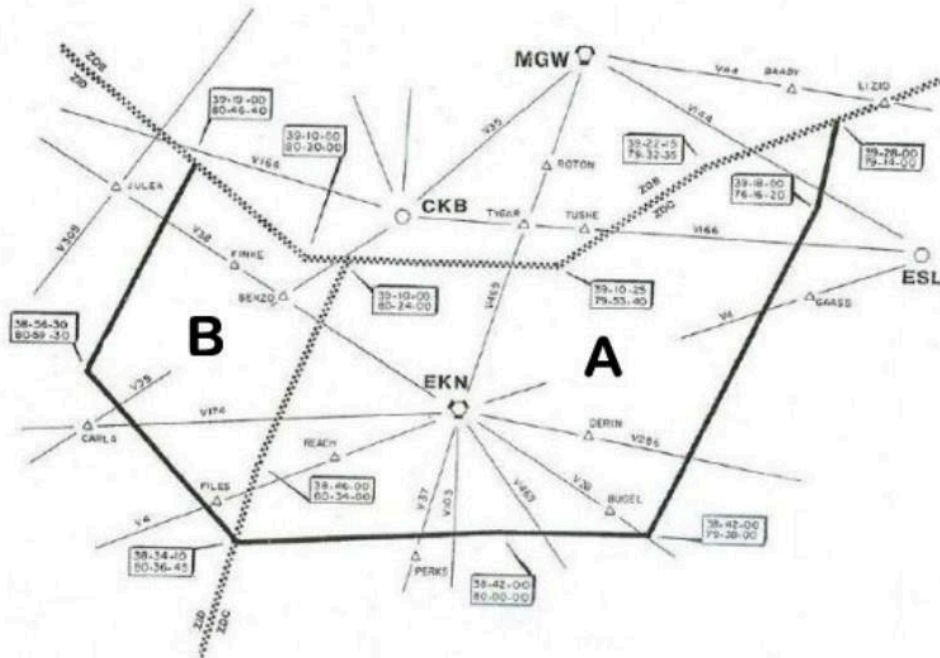
- iii. Use of interim altitude procedures must not be used to coordinate Inappropriate Altitude for Direction of Flight (IAFDOF).
 - iv. When unable to approve the interim altitude, the receiving facility must verbally coordinate with the transferring facility prior to accepting the handoff.
- c. Restrictions
- i. Specific routes and altitudes are required for arrivals and departures transitioning the ZOB/ZDC boundary. These routes and altitudes must be assigned according to the Restriction Table in Attachment 5.
 - ii. ZOB has control for right turns of up to 30 and left turns up to 15 for northbound aircraft at or above FL300 that are within 15 NM of Q103 and north of J149. ZOB is responsible for any point outs that the above described turn may require.
 - iii. ZDC is responsible for issuing “descend via” clearances into Washington Metro Airports.
 - iv. Coordinate and resolve, in a practical manner that provides the smoothest experience to the pilot, all deviations from and situations not addressed by this document (e.g., holding, pilots unable to accept LOA routes, aircraft above/below LOA altitudes, etc.).
 - v. Ensure that all aircraft are at a 1X simulation rate prior to initiating handoff.
 - vi. Ensure that all fourth line entries are cleared unless required to convey operational information (e.g. “M80” for assigned Mach number, “H320” for assigned heading) not coordinated by other means (e.g. private message, verbally, etc.).
 - vii. Fourth line data shall be formatted in compliance with FAA JO 7110.65 [5-4-10](#)

6. ATTACHMENTS

- a. Attachment 1 – Delegated Airspace from ZDC to ZOB AOB 10,000 for Re-delegation to CKB.
- b. Attachment 2 – Inter-Facility Delegation of Airspace
- c. Attachment 3 – Inter-Facility Delegation of Airspace
- d. Attachment 4 – Satellite Airports
- e. Attachment 5 – Restriction Table
- f. Attachment 6 – Airspace

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ATTACHMENT 1



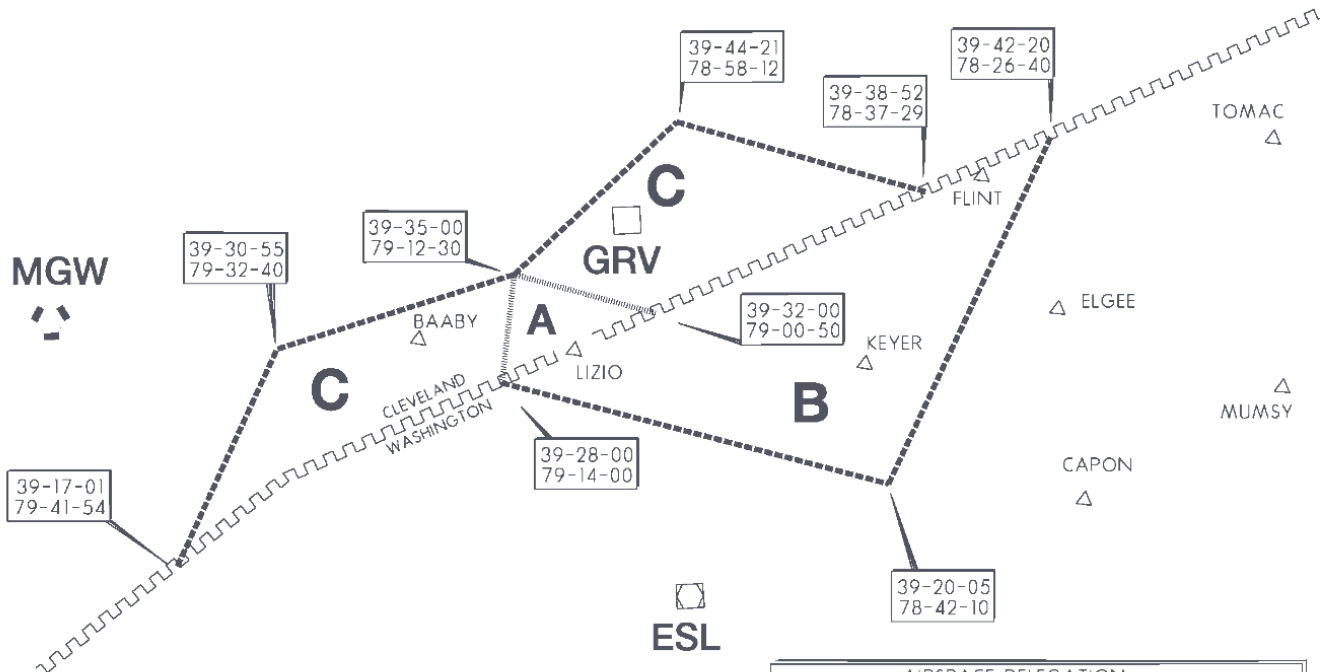
**A - Delegated to ZOB at and below 10,000' during Clarksburg (CKB) operating hours.
ZDC at all other times.**

**B - Delegated to ZOB at and below 10,000' during Clarksburg (CKB) operating hours.
ZID at all other times.**

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ATTACHMENT 2

Inter-Facility Delegation of Airspace

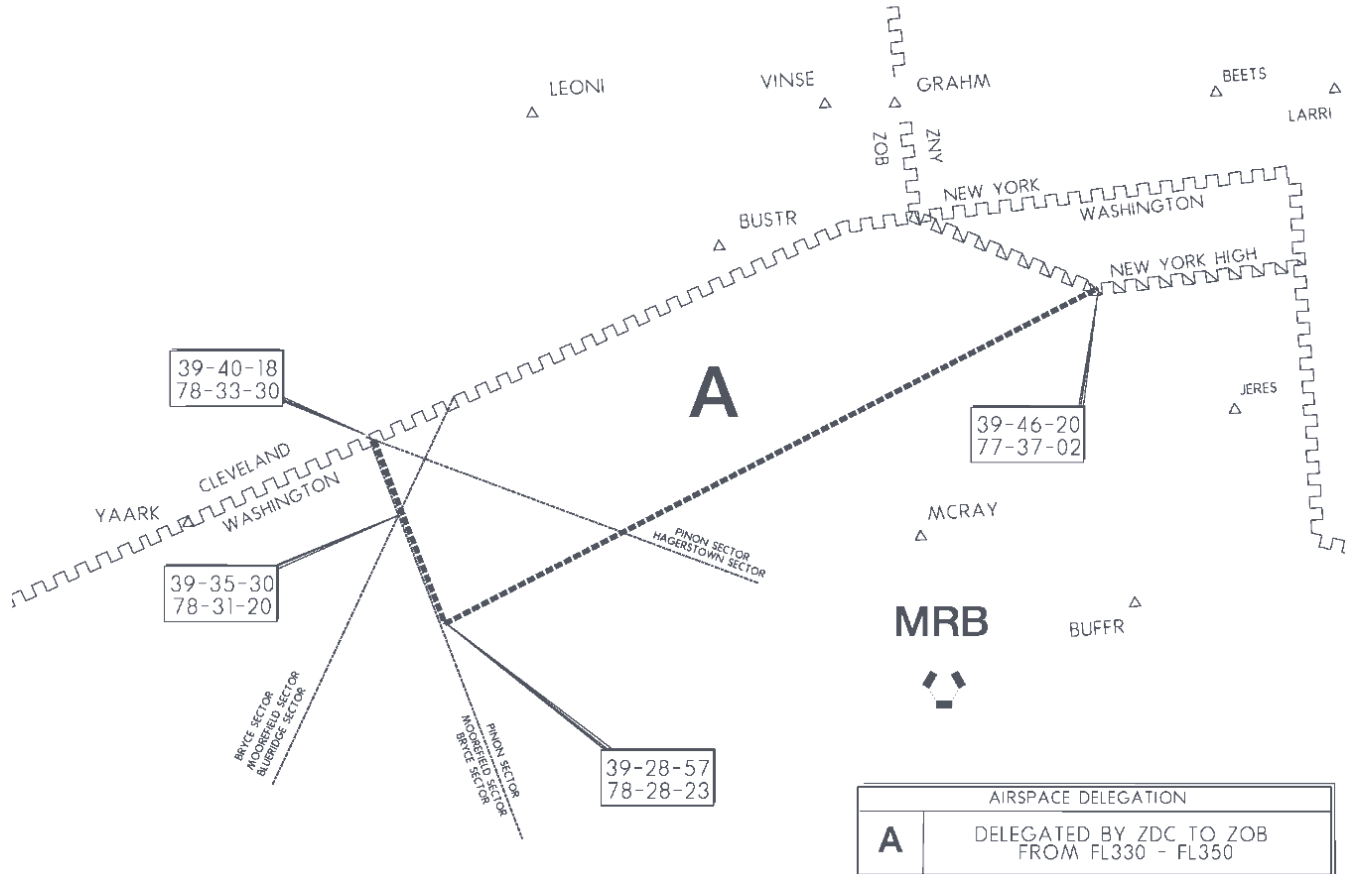


AIRSPACE DELEGATION	
A	DELEGATED BY ZOB TO JST RAPCON 8,000' & BELOW
B	DELEGATED BY ZDC TO JST RAPCON / ZOB 8,000' & BELOW
C	DELEGATED BY ZOB TO ZDC FROM FL210 - FL230

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ATTACHMENT 3

Inter-Facility Delegation of Airspace



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ATTACHMENT 4

KDTW Satellites	
ARB	Ann Arbor
DET	Detroit City
MTC	Selfridge ANGB
PTK	Oakland-Pontiac
YIP	Willow Run
CYQG	Windsor, Ontario

KPIT Satellites	
02G	Columbiana County
2G2	Jefferson County
AGC	Allegheny County
AFJ	Washington County
BTP	Butler County
BVI	Beaver County
FWQ	Rostraver
HLG	Wheeling Ohio County
PJC	Zelienople

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KDCA Satellites	
ADW NSF	Joint Base Andrews
CGS	College Park
DAA	Davison
NDY	Navy Dahlgren
W00	Freeway
VKX	Potomac Airfield
2W5	Maryland/Indianhead

IAD Satellites	
CJR	Culpeper
EZF	Shannon
FRR	Front Royal
FDK	Frederick
HEF	Manassas
HWY	Warrenton/Fauquier
JYO	Leesburg
MRB	Martinsburg
NYG	Turner/Quantico
OKV	Winchester
RMN	Stafford
2VA9	Airlie
2VG2	Upperville

BWI Satellites	
9W8	Baublitz Commercial
W29	Bay Bridge
2W2	Clearview
W50	Davis
ESN	Easton
W48	Essex Skypark
W42	Fallston
6W6	Hanover
0W3	Harford County
FME	Tipton
MD95	Reservoir
3W3	Kentmorr Airpark
ANP	Annapolis
MTN	Martin State
APG	Phillips AAF/Aberdeen
W18	Suburban/Laurel
EDG	Weide AAF/Edgewood
DMW	Carrol County/Westminster
GAI	Montgomery County
RJD	Ridgeley Airpark
1W5	Hoby Wolf/Eldersburg
MD43	Mountain Road

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ATTACHMENT 5

ZDC Provides for ZOB							
Qualifiers/Definitions					Requirements/Restrictions		
#	Arrival Airport	Departure Airport	Via	Aircraft Type	Route Required	Altitude <small>Unless specified otherwise, altitude restriction is at the boundary.</small>	Notes
1	ALL	DCA, IAD, BWI, and DC Metro satellites	IHD/IRL/AGC sectors		Q178 or J211	climbing to FL320 or requested lower altitude	1. On or north of Q178, ZOB has control for right turns of up to 15° 2. ZDC may clear aircraft direct LEJOY or JST without coordination.
			Entering AIR/CKB/KEY sectors And MOR/BRY sectors				ZOB/ZDC has control for turns up to 15° within 15NM of the common boundary
2	DTW	DCA, IAD, BWI, and DC Metro satellites			Q178 KOZAR BONZZ STAR or Q178 KOZAR KLYNK STAR	Climbing to FL320 or requested lower	1. On or north of Q178, ZOB has control for right turns of up to 15° 2. ZDC may clear aircraft direct LEJOY or JST without coordination.
	DTW satellites				Q178 KOZAR FOREY STAR or J211 HAGUD WWSHR FOREY STAR	Climbing to FL320 or requested lower	
3	CYYZ	ALL	W of ESL		OXMAN LINNG STAR or if aircraft is unable then OXMAN LINNG direct		
			E of ESL		WOZEE LINNG STAR or if aircraft is unable then WOZEE LINNG direct		

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4	PIT	All	HGR Sector	RNAV Jets	Q178 LEJOY DEMME STAR	AOB FL200	<p>1. ZDC may clear aircraft direct LEJOY</p> <p>2. ZOB has control for turns and speed from the LDN sector on or north of V286 Aircraft may be direct IHD if no further than 20 NM east of EKN. LDN sectors give ZOB control for turns N of V286.</p>
				Non RNAV Jets	Q178 LEJOY NESTO DCT		
			EKN/BLR Sector	RNAV Jets	RICCS LEJOY DEMME STAR	AOB FL230 descending to FL210	
				Non RNAV Jets	LEJOY NESTO DCT		
				Props	LEJOY NESTO DCT	AOB FL230 descending to 15,000'	
5	PIT satellites	All	HGR sector		Q178 LEJOY NESTO DCT	AOB FL200	LDN sectors give ZOB control for turns N of V286.
			EKN/BLR Sector	Jets	LEJOY NESTO DCT	AOB FL210	
				Props	LEJOY NESTO DCT	AOB FL230 descending to 15,000'	
6	KELM KHFT KITH					AOB FL350	
7	KLBE					AOB FL190	ZOB has control for turns and descent from LDN sectors on or north of V286
8	KBUF KIAG		W of ESL		EWC DKK DCT		ZDC may clear aircraft direct DKK without coordination
			E of ESL		BENEE DCT		
9	KSYR				JST NABOR DCT		

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ZOB Provides for ZDC							
Qualifiers/Definitions					Requirements/Restrictions		
#	Arrival Airport	Departure Airport	If Via	Aircraft Type	Route	Altitude <small>Unless specified otherwise, altitude restriction is at the boundary.</small>	Notes
1	All except DC Metro	KPIT, KPIT satellites and KLBE	EKN/BLR/MOR sectors		CKB COBBE		ZDC has control for climbs at CKB to FL330 with the AIR sector.
2	DCA, DAA, ADW	All	AIR/CKB/MGW/IHD sectors	RNAV Jets	FRDMM STAR	BUCKO AOB FL310	<p>1. ZOB may clear no further direct than HONNR</p> <p>2. ZDC has control for descent to FL240 and turns direct PLDGE/DRUZZ east of a line CKB-LEJOY from the AIR/CKB sectors.</p> <p>Communication Transfers must be complete by 5NM NW of BUCKO</p>
				Other Jets	NUMMY STAR		
				RNAV Props	ESL TIKEE STAR	AOB FL210	
				Other Props	ESL TTUMS CSN DCT		
3	BWI and KMTN	All	AIR/CKB/MGW/IHD sectors	RNAV Jets	ANTHM STAR	LUNDY AOB FL290	<p>ZDC has control for descent to FL240 east of a line CKB-LEJOY.</p> <p>Communications transfer must be completed by 5 NM west of LUNDY.</p>
				Non RNAV Jets	EMI STAR	LUNDY AOB FL250	
				Props	MRB EMI	AOB 17,000'	ZDC has control for descent to 11,000' within 10 NM of common center boundary.
4	BWI Satellites (excludes KMTN)	All	AIR/CKB/MGW/IHD sectors	Jets & Props	MRB EMI	AOB 17,000'	ZDC has control for descent to 11,000' within 10 NM of common center boundary.

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5				RNAV Jets	GIBBZ STAR	BRNDN AOB FL270	1. ZOB may clear aircraft direct JIMVE, and must cross JIMVE AOB FL240 2. ZDC has control for descent to FL240 and turns direct IGGY east of a line CKB-LEJOY from AIR/CKB sectors. Communications transfer must be complete by 5NM west of BRNDN
				Non RNAV Jets	ESL FINKS DOCCS STAR	Cross 25NM NW of ESL AOB FL250	ZDC has control for descent to FL240 east of a line CKB-LEJOY and control for turns west of BRNDN from the AIR/CKB sectors.
				Props	MRB AML	AOB 17,000'	Must enter ZDC via BLR sector. ZDC has control for descent to 11,000' within 10 NM of common center boundary.
	IAD and JYO	All					
6			AIR/CKB/MGW/IHD sectors	RNAV Jets	GIBBZ STAR or TIKEE STAR	BRNDN AOB FL270	1. ZOB may clear aircraft direct JIMVE on the <i>GIBBZ STAR</i> , and must cross JIMVE AOB FL240 2. ZDC has control for descent to FL240 east of a line CKB-LEJOY and control for turns east of BRNDN from AIR/CKB sectors.
				Other Jets	ESL ESL187 FINKS CSN	AOB FL250	
				RNAV Props	ESL TIKEE STAR		
				Other Props	ESL TTUMS CSN	AOB FL210	
	HEF	All					

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7	2VG2, CJR, HWY, RMN, EZF, NYG, W00, VKX, 2W5	All	AIR/CKB/MGW/IHD sectors	RNAV Jets	ESL TIKEE STAR	AOB FL250	
				Non RNAV Jets	ESL TTUMS CSN		
				RNAV Props	ESL TIKEE STAR	AOB FL210	
				Non RNAV Props	ESL TTUMS CSN		
8	DOV 33N	All	AIR/CKB/MGW/IHD sectors	RNAV	LUNDY ARLFT STAR	AOB FL250	KDOV and 33N arrivals must be below competing KBWI arrivals. ZDC has control for descent to FL240 on contact.
				RNAV Unable STAR	MRB WOOLY SWANN	AOB FL290	
9	RIC	All			MOL SPIDR STAR	AOB FL290	Enter ZDC no further east than a line MGW-MOL.
10	FCI	All	AIR/CKB/MGW/IHD sectors		MOL FAK	AOB FL290	Enter ZDC no further east than a line MGW-MOL.
11	ORF, NGC, NTU	All			MOL TERKS STAR		Enter ZDC no further east than a line MGW-MOL.
12	LFI, PHF	All			MOL FAK HCM		Enter ZDC no further east than a line MGW-MOL.
13	RDU	All		Jets	TIVAE ALDAN STAR	AOB FL330	Altitude restriction applies when BRY sector is open
14	GSO	All	AIR/CKB/MGW/IHD sectors	Jets	ROA HENBY STAR	AOB FL290	

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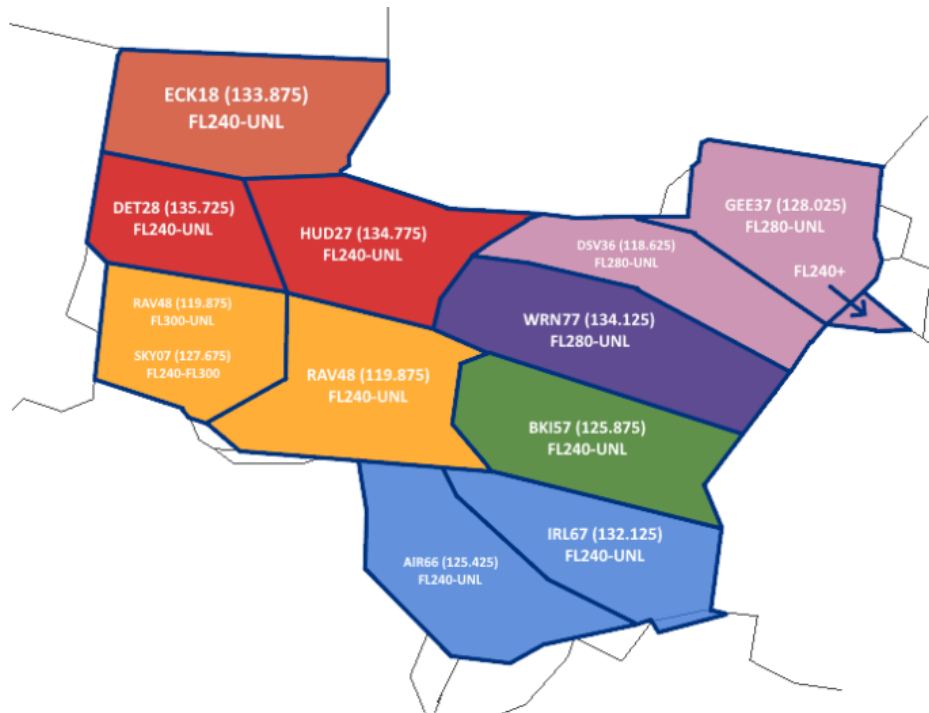
15	GED SBY	All	AIR/CKB/MGW/IHD sectors	Jets	MRB WOOLY BAL	AOB FL270	
				Turboprops			
				Props	CPTAL T358 OBWON	AOB FL210	

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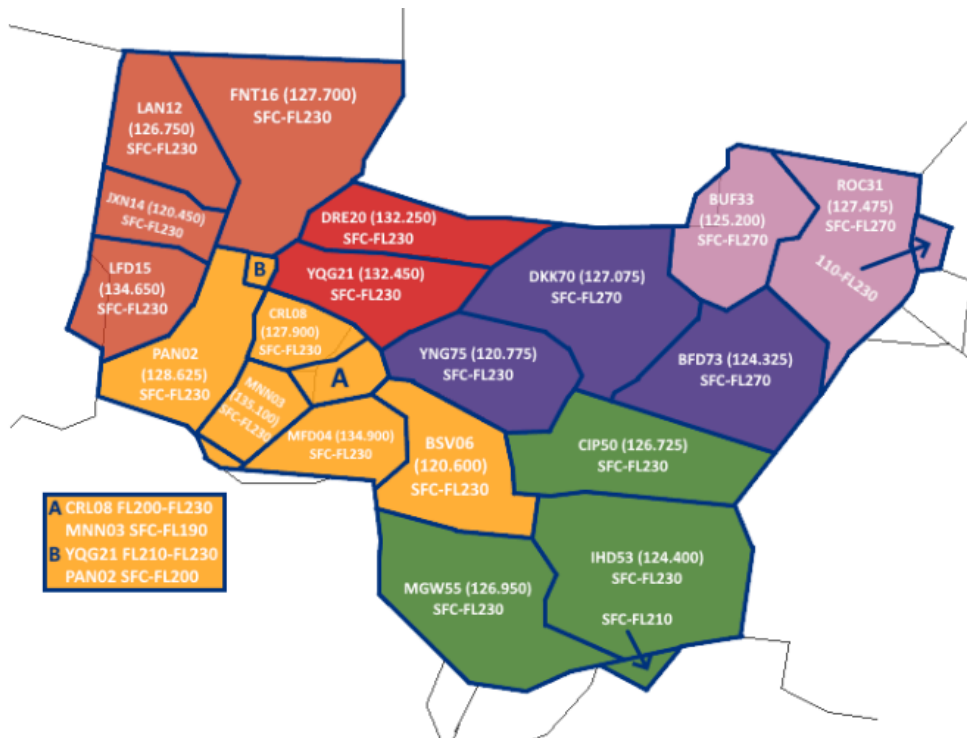
ATTACHMENT 6

Active ZOB Splits can be found at <https://clevelandcenter.org/splits>

High Sector Splits



Low Sector Splits



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WASHINGTON CENTER SPLITS

Active airspace consolidation is depicted via <https://asx.vzdc.org/>. The current ZDC sectorization can be viewed in ASX and selecting "Active Radar Consolidations."

