

VATUSA CHICAGO ARTCC AND ROCKFORD TRACON

LETTER OF AGREEMENT

EFFECTIVE: 05/15/2019

SUBJECT: INTERFACILITY COORDINATION

1. **PURPOSE:** This agreement establishes coordination procedures and defines delegation of airspace between VATUSA Chicago ARTCC (ZAU) and ROCKFORD TRACON. 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:** None
4. **PROCEDURES:**

a. Definitions

- (1) A.O.A. (AOA) – At or Above
- (2) A.O.B. (AOB) – At or Below
- (3) L.O.A (LOA) – Letter of Agreement
- (4) M.I.T. (MIT) – Miles In Trail
- (5) M.S.L. (MSL) – Mean Sea Level
- (6) N.M. (NM) – Nautical Miles
- (7) RFD – ROCKFORD
- (8) SFC – Surface
- (9) T.C.P. (TCP) – Transfer of Control Point
- (10) TRACON – Terminal Radar Approach Control
- (11) UNL – Unlimited
- (12) ARTCC – virtual Air Route Traffic Control Center
- (13) VATNA – VATSIM's North American Region
- (14) VATSIM – Virtual Air Traffic Simulation
- (15) VATUSA – VATSIM's United States of America Division
- (16) ZAU –Chicago ARTCC

5. APPROVAL:

/Matthew Campbell/
Air Traffic Manager

/Jackson Gilliam/
Deputy Air Traffic Manager

/Chris Hadden/
Training Administrator

6. Attachment A

a. Airspace

- (1) The common ARTCC or TRACON boundaries SHALL be considered the Transfer of Control Point (TCP).
- (2) The boundary line described in Section "e" shall be considered as the TCP between the ROCKFORD TRACON and ZAU's applicable center sector.
- (3) When the Rockford TRACON is not staffed; the control of the airspace described in Section "e" reverts to ZAU's applicable center sector.

b. General Procedures

- (1) All aircraft, bound for the same airport, SHALL be sequenced AT LEAST 15 MIT, steady or increasing.
- (2) Aircraft data blocks, tags, and flight plans SHALL be current, and correct PRIOR to initiating a handoff.
- (3) Unless otherwise stated in sections "c" or "d", ALL aircraft SHALL be descended as appropriate, so as to remain BELOW a 3 degree descent angle into an airport inside the RFD TRACON, or to an airport within close proximity of the RFD TRACON boundary.

(4) Examples

(a.) *40 miles from the destination airport, the aircraft should be below 12,000 feet MSL.*

(b.) *20 miles from the destination airport, the aircraft should be below 6,000 feet MSL.*

(c.) The Rockford TRACON is allocated the following beacon code blocks for its use.

I.) 6501 through 6537

II.) 7220 through 7277

(d.) Notwithstanding paragraph "a" of this section, no facility SHALL transfer communication or control of aircraft unless:

I.) 5 NM radar separation, constant or increasing has been established

II.) Vertical separation has been effected

(e.) Upon completion of handoff AND transfer of communications, the "giving" controller SHALL release control of aircraft for turns, provided the aircraft does NOT reverse direction, and descends. Responsibility for separation from traffic is the responsibility of the "receiving" controller.

c. ZAU's procedures

(1.) Rockford Terminal Area Arrivals

(a.) Aircraft NORTH of the KRFD airport SHALL be routed via “..JVL..RFD..”

(b.) Aircraft SOUTH of the KRFD airport SHALL be routed via “..PLL..RFD..”

d. Rockford's procedures:

(1.) Chicago Terminal Arrivals

(a.) RFD TRACON MUST coordinate each departure with the appropriate Chicago Center sector and/or Chicago TRACON sector so the aircraft will fit into the flow.

(b.) KORD Arrivals aircraft SHALL be routed via “..JVL.JVL5.KORD”

(c.) North Satellites (KPWK, KUGN, C81, 10C, and 3CK) SHALL *be routed via “..RFD.V100.KRENA..destination” be routed via “..JVL.V97.KRENA..destination” be sequenced as a single stream (MIT requirements)*

(d.) South Satellites (KGYG, KIGQ, JOT, KLOT, KMDW, C09, LL10, LL22, 05C, 1C2, and 1C5) SHALL *be routed via “..RFD..JOT..destination” be sequenced as a single stream (MIT requirements) cross the TCP at 5,000 feet MSL*

(e.) West Satellites (KARR, KDPA, KDKB, 06C) SHALL *be routed via “..RFD..SIMMN..destination, PLL..SIMMN..destination”*

I.) Be sequenced as a single stream (MIT requirements)

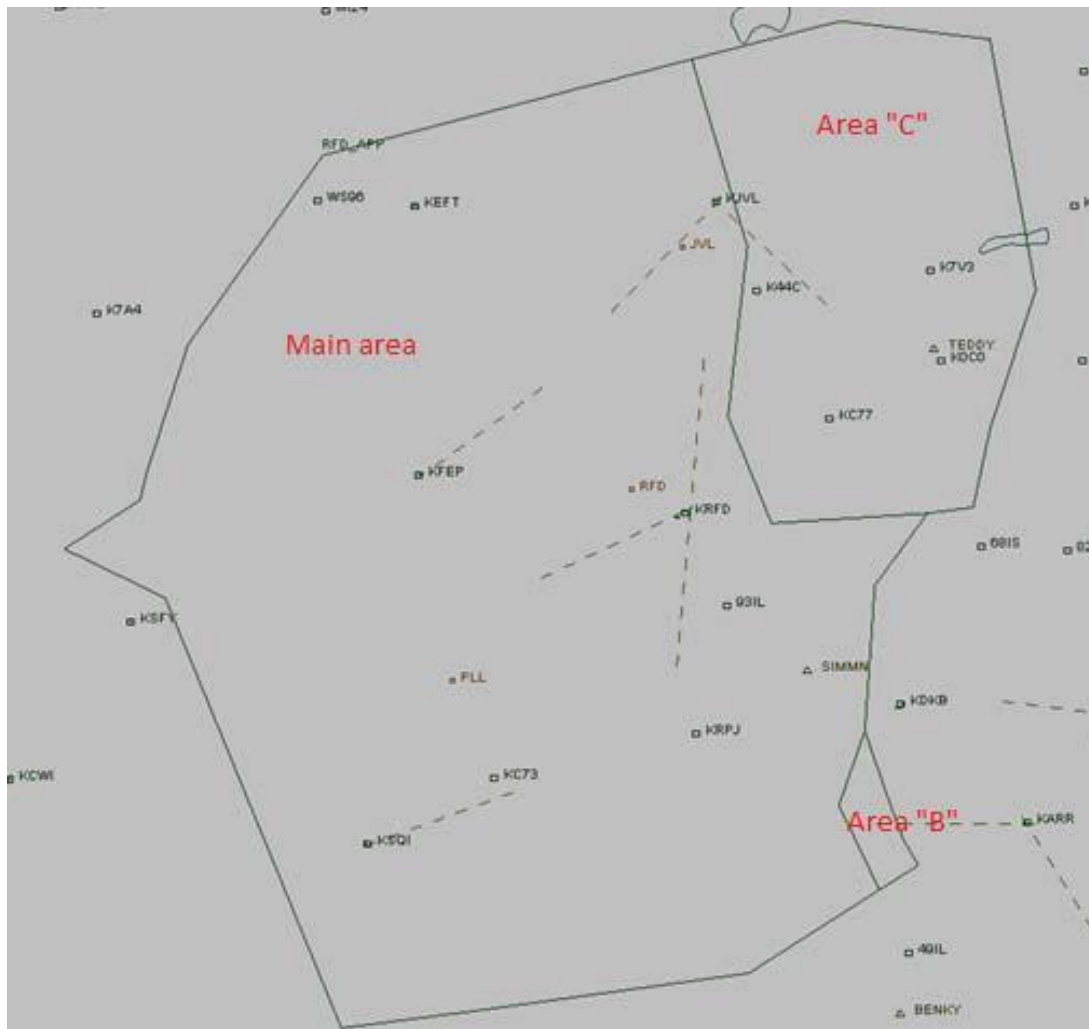
II.) Cross the TCP at 5,000 feet MSL.

(d.) Exceptions

I.) Exceptions to this Letter of Agreement MAY be made at ANY time, provided ALL appropriate controllers have coordinated the individual situation with each other.

e. Boundary and Airspace Delegation

(1) Picture of Airspace



(a.) Vertical boundary

1. Main Area – SFC to, and including 10,000 feet MSL
2. Area "B" – 4,001 feet MSL to, and including 10,000 feet MSL
3. Area "C" – SFC to, and including 8,000 feet MSL

