

**TRAINING
ORDER**VIRTUAL AIR TRAFFIC SIMULATION NETWORK
ATLANTA CENTER

vZTL 3120.4F

SUBJ: Training Progression Flow**Chapter 1: General Information**

1. **Purpose:** This order provides procedural guidance and clarification for the virtual Atlanta Air Route Traffic Control Center Training Flow program.
2. **Audience:** This order applies to all home and visiting controllers of the Atlanta Center, a sub-division of VATUSA.
3. **Effective Date:** This order is effective September 20th, 2021, and cancels any previous ZTL orders pertaining to training.
4. **Where Can I Find This Order?** This order can be found at <https://www.ztlartcc.org/controllers/files/>.
5. **Administrative Information:** Direct questions to the Training Administrator in writing at ta@ztlartcc.org.
6. **Definitions:**
 - a. Student(s) - Any person that is seeking training **or** who has not received full certification.
 - b. Trainer(s) - Any person that is a member of the ZTL Training Department as an Instructor or Mentor. A list of Instructors and Mentors is available at [ztlartcc.org/controllers/staff](https://www.ztlartcc.org/controllers/staff).
 - c. Scheduled Session - A session wherein the time and date is mutually agreed upon at least 6 hours prior to the set start time. Any training booked through Setmore is considered a scheduled session.
 - d. Impromptu Session - Training provided on short-notice based on real-time trainer/student availability. This is normally arranged via Discord and trainer/student presence in TeamSpeak.

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Chapter 2: General Training Policies

Note - Trainer policies and requirements are maintained in the ZTL Facility Administrative Policy.

1. **How To Request Training:** There are two methods that students may exercise to request training.
 - a. **Method 1 - Setmore:** Setmore allows students to schedule training sessions in advance. Students may request training through setmore by completing the following steps:
 - i. Signing onto the ZTL ARTCC website at ztlartcc.org.
 - ii. Access the controller dashboard (ztlartcc.org/dashboard).
 - iii. Opening the “training” dropdown, on the left side of the dashboard.
 - iv. Clicking “Schedule a Training Session”, and following the steps located in the pop-up. Sessions may be booked up to 2 weeks in advance, but not less than 24 hours without trainer approval. **Students may not have more than one setmore session booked.** Sessions scheduled through “impromptu training” (Method 2) do not count towards the one session limit.
 - b. **Method 2 - Impromptu Training:** Impromptu Training allows students/trainers with variable schedules to schedule training with little or no notice. Impromptu Training is scheduled through the appropriate channels in the ZTL discord.
NOTE - Access to the ZTL discord is typically restricted to ZTL home and visitor controllers. The discord invite is available in the welcome message on the ZTL TeamSpeak.
 - c. **Improper Methods:** Students shall not ask for training in the ZTL TeamSpeak or by directly messaging a trainer on any platform. The above two methods are the only ways that a student shall request training. Repeated violation of this clause may result in a temporary suspension of the student’s ability to request and/or receive training.
2. **How Training is Conducted:** All training sessions are primarily conducted over voice in the ZTL TeamSpeak server. Discord may be used to supplement the voice sessions with powerpoints, screen sharing, and other auditory/visual aids. Students are expected to arrive prepared to learn the subject they requested training on. Students are requested to arrive at least five minutes prior to the session start time.
 - a. **TeamSpeak Training Channels:** Training channels should be used exclusively for training. If a person wishes to observe a training session, they shall ask the trainer for permission before entering or being moved into that channel.
 - b. **Observing a Training Session:** In compliance with the above point (a), a person who is allowed to observe a session shall not be an active participant in the training session and only speak in the channel when invited to do so by the trainer.
3. **Session Cancellation Policies:** Students must make all efforts to cancel sessions greater than 6 hours prior to the time that the session is scheduled for. Additionally:

- a. A student is considered a “no show” if they fail to appear after a period of time set at the discretion of their trainer. This time must be no earlier than 5 minutes after the session is scheduled to begin.
Note - Students that are considered a “no show” will have their training session cancelled and the failure to appear documented.
 - b. A trainer is considered a “no show” if they fail to appear within 20 minutes of the scheduled training time. Should a trainer no show, the affected student may file a complaint with the training administrator, in writing, at ta@ztlartcc.org, no later than 24 hours after the occurrence.
 - c. Preparation is key for all training sessions. Students that appear to be unprepared for training will have the session terminated early, and will be directed to the appropriate resources.
- 4. Session Scheduling Penalties:** Habitual offenders of ZTL scheduling policies may be restricted from scheduling training. A habitual offender is defined as a person who violates posting policies (discord) or cancellation policies (setmore) at least two times.
- a. Students who are restricted from scheduling training on setmore will **typically** be notified via email of the cause for the restriction and the suspension termination date.
 - b. Students that fail to abide by the discord posting policy may have their access removed without notice.
- 5. Monitoring Policies:** Live network monitoring is a crucial component to ensuring students are prepared for certification.
- a. In accordance with VATUSA 3120.4 (Division Training Policy) 1-5 Monitoring, Trainers may not conduct “Down-Up” monitoring (work a position lower than a student being monitored on position).
 - b. Unless otherwise authorized (by this document or the Training Administrator), live network monitoring is a prerequisite for all major position certification issuance. Sweatbox may only be used in lieu of monitoring if live network traffic levels are not sufficient for certification.
- 6. Major Airspace:** For visitors from (sub)divisions with major designated airspace, ZTL will not assign major endorsements for Hartsfield-Jackson Atlanta International Airport if the major endorsements are not held at the student’s home facility. **ZTL does not provide major endorsements for persons who only hold the S1 rating** without approval by the ZTL Training Administrator.
- Example 1 - A S2 visitor from ZNY that holds at least one major ground certification but no major tower certifications will only be eligible to receive ATL ground certifications. The visitor must obtain one major tower certification at ZNY prior to receiving ATL tower certifications.*
- Example 2 - A S1 home or visiting controller may not request ATL ground training without approval from the ZTL Training Administrator. Approval from the Training*

Administrator is unlikely, therefore, S1s should obtain their S2 prior to requesting training.

- 7. Solo-Certifications:** Solo certifications are a crucial component to successful training. Students working a position with only a solo certification must follow all VATSIM mandated policies with respect to solo certifications, as well as the following restrictions, unless otherwise noted.

 - a. Students working Atlanta Center may not work in support of Tier 1 events declared OPLEVEL3 or higher by the virtual Air Traffic Control System Command Center.
 - b. Students may not use their solo-cert to work vZTL sponsored events without approval by the Events Coordinator and Training Administrator.
 - c. Mentors may not conduct monitoring sessions while operating under a solo-certification.

- 8. Program Trial Authorizations:** In the interest of innovating with training procedures, the ZTL Training Administrator may, with the approval of the VATUSA Training Services department (as necessary), enact temporary Program Trial Authorizations (PTA). A list of active Program Trial Authorizations are available on request from ta@ztlartcc.org.

- 9. Training Flow Compliance:** Deviations from established airports/sweatbox scenarios are permissible so long as the substituted airfield and/or sweatbox scenario is approved, in writing, by the Training Administrator. Additionally, training staff may insert additional sessions to ensure student understanding of a subject matter. These additional sessions must not be used to deviate from the order that subjects are introduced, rather, they should be used to augment student understanding on subjects in which that a student is found to be non-proficient.

Example - An instructor wishes to use a Birmingham Approach sweatbox file to elaborate on final sequencing techniques for S3T6. If approved by the Training Administrator, S3T6 may be marked as completed at BHM while using this file, rather than the established CLT file. If this is not approved, S3T6 may not be marked as complete using this file.

- 10. Mentor Selection Guidance:** Persons interested in joining the ZTL Training Department as instructional staff should make themselves familiar with the content listed in the [Mentor Selection and Induction Guidance](#).

Chapter 3: Introduction to the Training Flow Structure

1. Sessions can be identified through the following format: ZZZZ - YYXX - W
 - a. ZZZZ - The specific position & this session's position in the overall sequence. (e.g TWR1)
 - b. YY - The rating that this session is teaching about (e.g S2).
Note - For major airspace, ATCT lessons are marked with "M2" and A80 lessons are marked as M3.
 - c. XX - The type of session, and the particular occurrence (e.g T3)

For a list of session types, refer to the following table:

Letter	Meaning
T	Theory
P	Practical (Sweatbox)
M	Monitoring (Live network)

- d. W - This appears when one of the following is true:

Letter	Meaning
O	Optional
S	Standalone

☆ Standalone sessions cannot be combined with any other session.

2. An example session identifier is as follows:

DEL4 - S1P3 - O

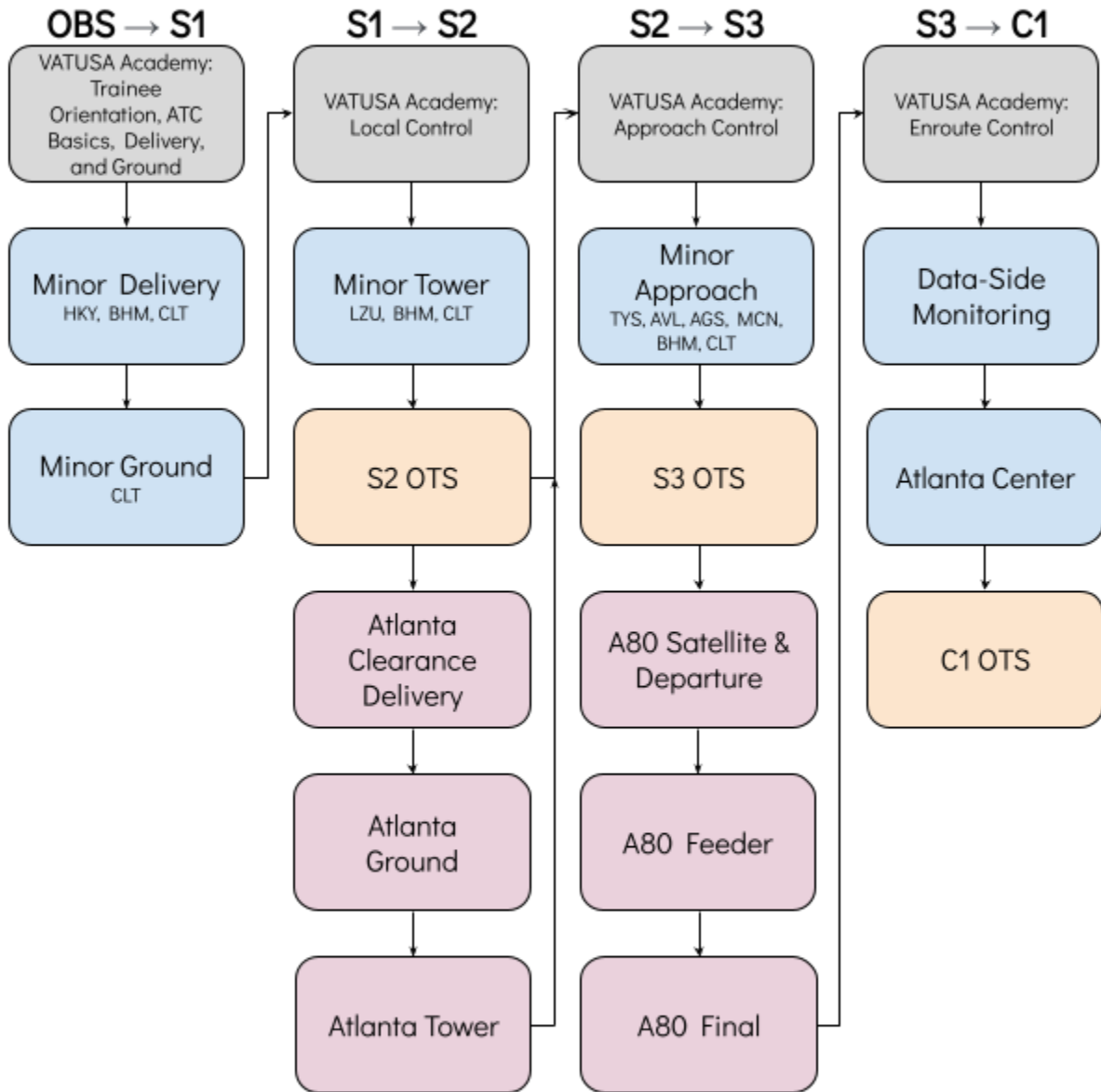
This is the fourth scheduled session in the training progression for Clearance Delivery. This is designed to teach observers concepts related to the S1 rating, and is a practical session - i.e. it occurs on Sweatbox. It is the third practical session, and this session is optional.

3. Definition of Sessions:

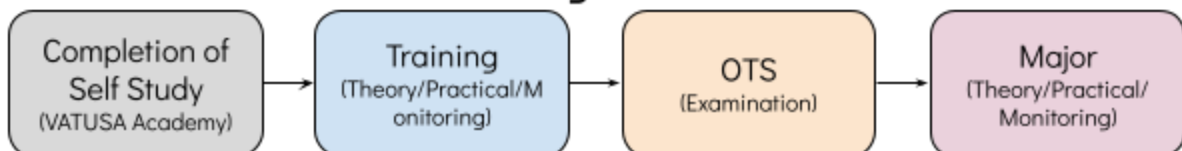
- a. Theory - This is a session wherein the primary activities involve the trainer demonstrating concepts previously learned (either from self-study or previous sessions). Concepts may be demonstrated through a variety of methods, but typically are covered through sweatbox.
- b. Practical - This is a session wherein the primary activities involve the student actively practicing previously learned theory in a controlled environment (typically Sweatbox).
- c. Monitoring - This is a session where the student is observed on the network by a trainer. The trainer is primarily responsible for the safe, orderly, and expeditious flow of traffic, and the student will complete delegated control functions, up to and including, the entire control position itself. If traffic levels are not high enough to warrant certification, sweatbox may be used in lieu of live network monitoring.

*This is for reference only. Refer to the training flow, listed in Chapters 4 and 5 of this document, for more information.

vZTL ARTCC Training Flow Overview Home Controllers

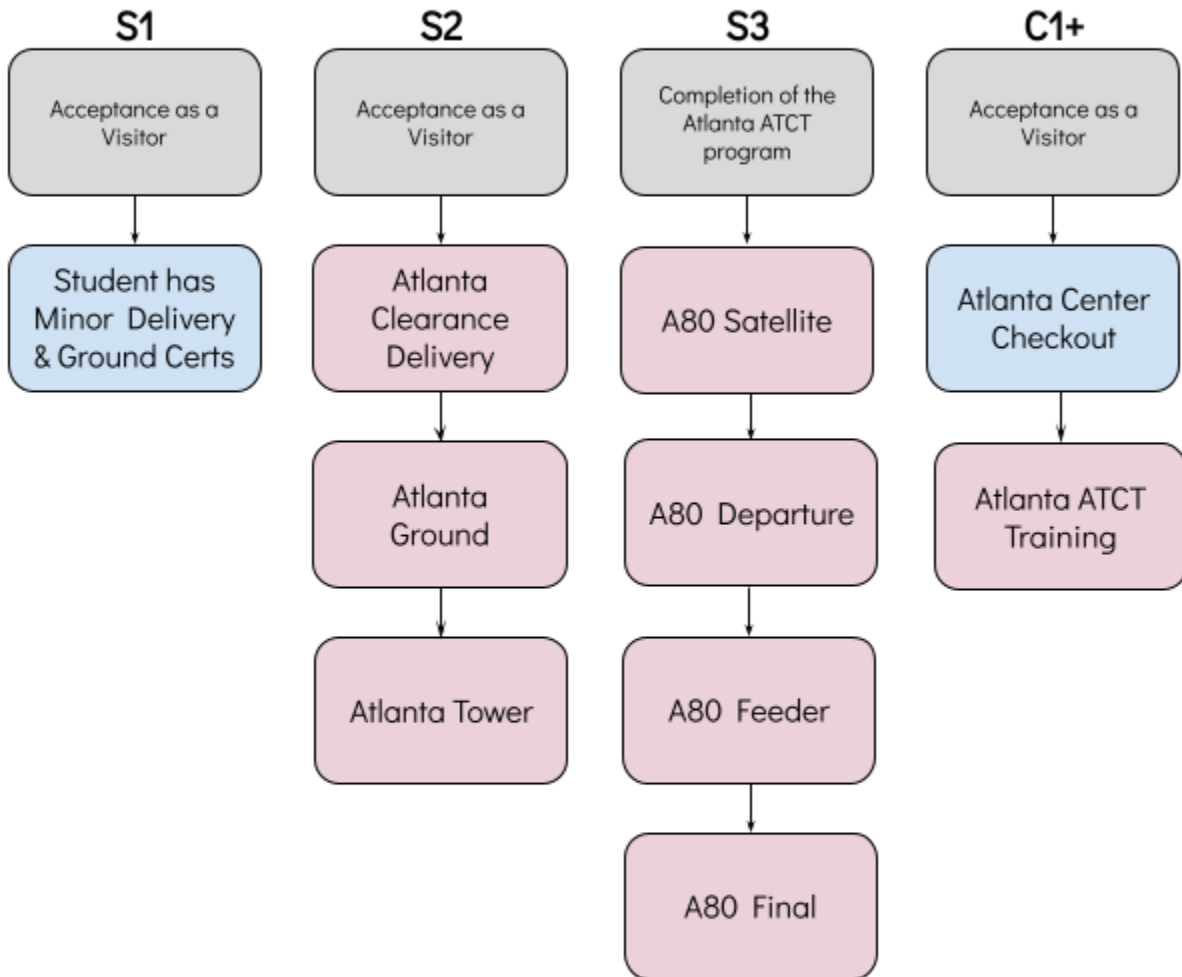


Legend:

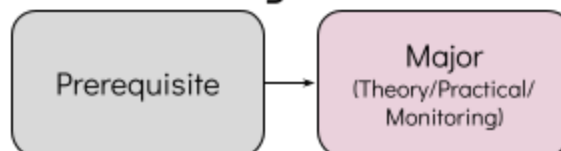


*This is for reference only. Refer to the training flow listed in Chapter 5 of this document for more information, specifications, and restrictions.

vZTL ARTCC Training Flow Overview Visiting Controllers



Legend:



Chapter 4: Training Flow Structure for Home (ZTL) Controllers

Note - This chapter only covers the training flow structure in regards to rating upgrades. For major airspace (ATL/A80), see chapter 5. Major training is only a prerequisite for C1 training.

Observer (OBS) → Student 1 (S1) Rating:

Note - Unless otherwise noted, a prerequisite to begin a session is the successful completion of the previously prescribed session.

1. [DELO - S1T0 - O](#)

Prerequisites:

1. Hold an observer rating with the ZTL ARTCC.
2. Completed the ATC Basics/Ground/Delivery Academy course

Airports:

1. Trainer discretion

Concepts Introduced:

1. Airspace
2. Weather
3. Communications
4. VATSIM Network Structure

2. [DEL1 - S1T1](#)

Prerequisites:

1. Completion of Course 2 (Clearance Delivery) on academy.vatusa.net..

Airports:

1. HKY

Concepts Reviewed:

1. Communications
2. IFR Clearance Issuance
 - a. CRAFT
 - b. SID differentiation
 - c. Altitude Assignment rules, including RVSM rules, but not lowest usable flight level
3. VFR Instruction Issuance
4. Airspace Classification
5. Weather

Concepts Introduced:

1. Equipment Suffixes
2. Full Route Clearances
3. Route Validation

3. [DEL2 - S1P1](#)

Prerequisites:

1. This session may be combined with S1T1.

Airports:

1. BHM

Concepts Reviewed:

1. Communications
 2. IFR Clearance Issuance
 3. VFR Instruction Issuance
 4. SOP/LOA Compliance (as required)
4. [DEL3 - S1T2](#)
- Prerequisites:
1. Completion of S1T1 (not required if this is being combined with S1T1).
 2. Completion of S1P1 (not required if this is being combined with S1P1).
- Airports:
1. CLT
- Concepts Reviewed:
1. Communications
 2. IFR Clearance Issuance
 3. VFR Instruction Issuance
 4. Full Route Clearances
 5. Equipment Suffixes
- Concepts Introduced:
1. Traffic Management Initiatives
 2. Routing Requirements
 - a. CDM/CDR Routes (.prd command in VRC)
 3. Standard Operating Procedure requirements
 4. Amending previously issued IFR Clearances
 5. ATIS publication
5. [DEL4 - S1P2 - S](#)
- Airports:
1. CLT
- Practical Assessment:
1. Student should complete the sweatbox with minimal guidance. Error tolerance is at the discretion of the trainer.
- Completion:
1. Successful completion of this session will result in the issuance of the S1 rating and minor clearance delivery certifications.
6. [GND1 - S1T3 - S](#)
- Airports:
1. CLT
- Concepts Reviewed:
1. Communications
- Concepts Introduced:
1. Runway Crossings / Coordination
 2. Intersection Departures
 3. Runway Use Program (CLT)
- Additional Information:
1. Repeat S1T3 as needed. Completion results in minor ground certification.

Student 1 (S1) → Student 2 (S2) Rating:

Note - Unless otherwise noted, a prerequisite to begin a session is the successful completion of the previously prescribed session.

1. [TWR1 - S2T1](#)

Prerequisites:

1. Student must have the S1 rating and minor ground certifications.
2. Student must have completed the Local Control course on the VATUSA Academy.
3. Student should be prepared to combine this session with TWR2 - S2T2.

Airports:

1. LZU

Concepts Covered:

1. Introduction to Local Control (7110.65 Chapter 3)
2. Runway Selection and ATIS
3. The Traffic Pattern
4. Takeoff and Landing Clearances

2. [TWR2 - S2T2](#)

Prerequisites:

1. Student must have successfully completed TWR1 - S2T1.

Airports:

1. LZU

Concepts Covered:

1. Plain Speech Traffic Advisories
2. Basic Sequencing in a VFR pattern
3. Advanced Departure Techniques

3. [TWR3 - S2P1 - S](#)

Prerequisites:

1. Student must have successfully completed TWR2 - S2T2

Airports:

1. LZU

Concepts Covered:

1. This is a session focused on the previous concepts of sequencing.

4. [TWR4 - S2T3 - S](#)

Prerequisites:

1. Student must have successfully completed TWR3 - S2P1 - S

Airports:

1. LZU

Concepts Covered:

1. Introduction of IFR aircraft
2. Same Runway Separation
3. Wake Turbulence Separation
4. Tower vs Pilot Applied Visual Separation

5. [TWR5 - S2P2 - S](#)Prerequisites:

1. Student must have successfully completed TWR4 - S2T3 - S.

Airports:

1. LZU

Concepts Covered:

1. Advanced Concepts of Class D Tower
 - a. Missed Approaches
 - b. Go-Arounds

6. [TWR6 - S2T4 - S](#)Prerequisites:

1. Student must have successfully completed TWR5 - S2P2

Airports:

1. BHM

Concepts Covered:

1. Basic Radar Services:
2. Class C Operations
 - a. Automatic Releases
 - b. Divergent Headings
3. Advanced Tower Operations:
 - a. LAHSO
 - b. Circle to Land

7. [TWR7 - S2T5 - S](#)Prerequisites:

1. Student must have successfully completed TWR6 - S2T4 - S.

Airports:

1. CLT

Concepts Covered:

1. Introduction to Class B Tower
 - a. Noise Abatement
 - b. VFR Entries/Exit

8. [TWR8 - S2T6](#)Prerequisites:

1. Student must have completed TWR7 - S2T5 - S.

Airports:

1. CLT

Concepts Covered:

1. Advanced Topics of Class B Tower
 - a. VFR Overflights
 - b. Changing Runways
 - c. Helicopter Operations

9. [TWR9 - S2P3 - O](#)Prerequisites:

1. Student must have successfully completed TWR8 - S2T6.

Airports:

1. CLT

Concepts Covered:

1. Combination of all previous skills.

10. [TWR10 - S2M1 - S](#)

Prerequisites:

1. Student must have successfully completed TWR-8 S2T6

Airports:

1. CLT

Completion:

1. Upon successful completion of monitoring, a solo-certification will be issued in accordance with VATSIM's Global Ratings Policy. Additionally, an OTS recommendation may be issued. The student should continue booking monitoring sessions, *especially if an OTS recommendation has yet to be issued.*

Student 2 (S2) → Senior Student (S3) Rating:

Note - Unless otherwise noted, a prerequisite to begin a session is the successful completion of the previously prescribed session.

1. [APP1 - S3T1 - S](#)

Prerequisites:

1. Student must have the S2 rating.
2. Student must have completed the S3 course in the VATUSA academy.

Airports:

1. TYS

Concepts Covered:

1. Radar Identification
 - a. Methods of Identifying Aircraft
 - b. Transferring Radar Identification
2. Traffic Advisories
3. Safety Alerts

2. [APP2 - S3T2 - S](#)

Airports:

1. TYS

Concepts Covered:

1. Separation
 - a. IFR minima (incl. Passing / Diverging)
 - b. VFR Minima (Class C/B)
 - c. Wake Turbulence
 - d. Visual
 - e. Airspace
 - f. Altitudes
2. Vectors
 - a. Identify & Issue vectors with prescribed phraseology
 - b. Issuing reasons for vectors
 - c. Minimum Altitudes (MVA, MEA)
3. Speed

3. [APP3 - S3P1 - S](#)

Airports:

1. AVL

Concepts Reviewed:

1. S3T1 & S3T2

4. [APP4 - S3T3 - S](#)

Airports:

1. AGS

Concepts Covered:

1. Chart Reading
2. Phraseology / Procedures (Instrument Approaches)
 - a. Precision vs Non-Precision Approaches

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- b. PTACs
 - c. Final Approach Fixes, Missed Approach Points, and Final Approach Gates
 - d. Maximum Intercept Angles
 - e. Identifying airports on low IFR sectionals
 - f. Sidesteps, Circling Approaches, and Approach Minima
5. [APP5 - S3T4 - S](#)
 - Airports:
 1. TYS
 - Concepts Covered:
 1. Uncontrolled Field Operations
 2. VFR
 6. [APP6 - S3T5 - S](#)
 - Airports:
 1. MCN
 - Concepts Reviewed:
 1. Uncontrolled Field Operations
 2. VFR
 7. [APP7 - S3M1 - S](#)
 - Airports:
 1. BHM
 - Concepts Covered:
 1. Putting it all together.
 8. [APP8 - S3T6](#)
 - Prerequisite:
 1. Successful completion of S3T5.
Note - This session may occur prior to the completion of S3M1.
 - Airports:
 1. CLT
 - Concepts Covered:
 1. C to A final sequencing
 2. Approaches to Multiple Runways
 9. [APP9 - S3P2](#)
 - Airports:
 1. CLT
 - Concepts Covered:
 1. Introduction to Charlotte Approach
 2. Class B procedures (incl. IFR/VFR minima, advising IFR aircraft when they leave the Class B, etc.)
 10. [APP10 - S3P3 - O](#)
 - Airports:
 1. CLT
 - Concepts Covered:

1. Departure / Satellite Radar

11. [APP11 - S3P4 - O](#)

Airports:

1. CLT

Concepts Covered:

1. Arrival Radar
2. Final Radar

12. [APP12 - S3M2 - S](#)

Prerequisites:

1. Successful completion of S3M1

Airports:

1. CLT

Concepts Covered:

1. Upon successful completion of monitoring, a solo-certification will be issued in accordance with VATSIM's Global Ratings Policy. Additionally, an OTS recommendation may be issued. The student should continue booking monitoring sessions, *especially if an OTS recommendation has yet to be issued.*

Senior Student (S3) → Controller 1 (C1) Rating:

Note - Trainers / Students may find benefit in minor deviations to this flow when live network traffic conditions permit for useful training. These deviations may not be used to substitute training sessions prescribed in this flow without Training Administrator approval.

1. CTR0 - C1T0 - O

Concepts Covered:

1. Scope Setup

2. [CTR1 - C1T1 - S](#)

Prerequisites:

1. Student's [scope must be set up](#) prior to session start (vERAM / VRC & AFV)

Sectors:

1. Atlanta Center Combined (Data-Side controlling)

Concepts Covered:

1. Separation Minima & Tactics
2. Altitude Change issuance
3. Crossing Restrictions
4. Basic Descent Math

3. [CTR2 - C1T2 - S](#)

Sectors:

1. MCN-22

Concepts Covered:

1. MIT Building
2. Hazardous Weather Issuance
3. Course Deviations
4. LOA Compliance
5. Holding

4. [CTR3 - C1T3 - S](#)

Sectors:

1. ZTL-20 (Dublin) and ZTL-19 (Sinca)

Concepts Covered:

1. Merging STARs & Arrival Sequencing
2. Holding

5. [CTR4 - C1P1 - S](#)

Sectors:

1. ZTL-01 (Rome), ZTL-04 (West Departure), ZTL-05 (Dalas)

Concepts Covered:

1. Crossing Restrictions
2. LOA Compliance

6. [CTR5 - C1P2 - S](#)

Sectors:

1. ZTL Ultra-Low Sectors

Concepts Covered:

1. Multi-Tasking

Upon Successful Completion:

1. Student will be issued an “Ultra-Low Only” solo certification. Student may only sign on when another person is working Atlanta Center. Student should continue to schedule monitoring sessions.

7. [CTR6 - C1M1 - S](#)Sectors:

1. ZTL High Sectors

8. [CTR7 - C1M2 - S](#)Sectors:

1. ZTL Combined

Upon Successful Completion:

1. Student’s solo-certification will be expanded to include Atlanta Center combined. Student should continue to schedule monitoring sessions until the Controller 1 certification is successfully attained.

Chapter 5: Training Flow Structure for ATL/A80 Certification

Note - This chapter only covers the training flow structure for major airspace certification for both ZTL Home and Visiting Controllers.

Visitors/Transfer controllers that hold a Controller 1/3 and/or Instructor 1/3 rating:

1. [ZTL1 - M1M1 - S](#)

Note - Visitors/Transfer controllers that hold a C1 or higher receive certification on center first - prior to major airspace training. Controllers that wish to pursue major clearance certifications prior to center certifications must make their intentions clear when booking the session. More information and associated restrictions are available in the "Certification" section of this session.

Prerequisites:

1. Student must review the ZTL/Minor Field Letter of Agreement prior to session start time.

Sectors:

1. ZTL Combined

Concepts Covered:

1. ZTL SOP

Certification:

1. Upon completion of this session, the student is considered Atlanta Center certified. **This certification does not include major airspace (ATL/A80).** Controllers who hold the ZTL certification **but do not hold A80 certifications** may only control when A80 is covered by a different, fully certified, controller.

Controllers holding an S2 rating (or higher):

Note - Unless otherwise noted, a prerequisite to begin a session is the successful completion of the previously prescribed session.

1. ATL1 - M2T1

Position:

1. Clearance Delivery (Combined)

Concepts Covered:

1. Standard Departure Split
2. Cross Complex Departures
3. Coded Departure Routes
4. ATL1, WIGLE2, ZELAN4 SIDs
5. Initial Altitude Assignment
6. Departure Frequency Assignment

Certification:

1. This session does not result in certification.

2. ATL2 - M2M1 - O

Position:

1. Clearance Delivery

Certification:

1. This session may result in certification at the discretion of the instructor.
 2. This session may be combined with M2M2 and/or M2M3.
3. ATL3 - M2T2
- Position:
1. Ground (Combined)
- Concepts Covered:
1. Runway Assignments
 2. Sequencing
 3. Aircraft APREQs & appropriate holding areas
 4. Standard Taxi Routes
 5. Changing Departure Runways
 6. Ground Meter position
 7. LA/LB/LC & 9L @ M2
 8. Taxiway V operations
- Certification:
1. This does not result in certification.
4. ATL4 - M2P1
- Positions:
1. Ground North, East Operations
 2. Ground Center, West Operations
- Concepts Covered:
1. M2T1 and M2T2
- Certification:
1. This does not result in certification.
5. ATL5 - M2M2 - O
- Position:
1. Clearance Delivery and Ground (combined)
- Concepts Covered:
1. ATL1 & ATL2
- Certification:
1. Upon successful completion of live monitoring, the student may be certified on Major Clearance (if not already certified) and Major Ground.
 2. This session may be combined with M2M1 and M2M3
6. ATL6 - M2T3
- Position:
1. Local 4 & Local 5
- Concepts Covered:
1. Arrival procedures
- Certification:
1. This does not result in certification
7. ATL7 - M2T4
- Position:
1. Local 3 & Local 4
- Concepts Covered:

1. Combined arrival and departure procedures

Certification:

1. This does not result in certification

8. ATL8 - M2M3 - S

Prerequisite:

1. Completion of the Atlanta ATCT SOP and LOA exam on VATUSA Academy.

Position:

1. Tower Combined

Concepts Covered:

1. A combination of all previously covered concepts

Certification:

1. Upon successful completion of this session, student should be considered certified for Delivery, Ground, and Local positions within the Atlanta Airport Traffic Control Tower.
2. If the student has not completed M2M1 or M2M2 live network monitoring, those session(s) must be combined with this session for certification.

Controllers holding an S3 rating (or higher):

Note - Unless otherwise noted, a prerequisite to begin a session is the successful completion of the previously prescribed session.

1. A801 - M3P1 - S

Prerequisite:

1. Completion of A80 Satellite Radar exam on VATUSA Academy.

Position:

1. Satellite Radar (SAT)

Concepts Covered:

1. ATL Airport Turn-Arounds
2. Class B airspace
3. Class D airspace
 - a. A80 - SAT ATCT LOA
4. Corridor Operations
 - a. Aircraft Landing ATL
 - b. Headings within Corridor
 - c. Convective Weather
5. Transfer of Control to other sectors
6. IFR Separation for VFR Practice Approaches
7. MVA
8. ODO Operations
9. Problem Areas
10. ZTL/A80 LOA & Coordination

Certification:

1. This session may result in full SAT certification, at the discretion of the trainer. Controller may only log onto the network when another, fully certified controller, is online and covering A80 functions not operated by this controller (i.e. DR, TAR, AR).
2. A802 - M3M1 - O
 - Position:
 1. Satellite Radar (SAT)
 - Concepts Covered:
 1. See M3P1
 - Certification:
 1. If completed at this stage, this session results in SAT Only certification. This session is not required for certification.
 2. If the controller holds a SAT Only certification, they may only log onto the network when another, fully certified controller, is online and covering A80 functions not operated by this controller (i.e. DR, TAR, AR).
3. A803 - M3P2
 - Prerequisite:
 1. Completion of A80 Departure Radar exam on VATUSA Academy.
 - Position:
 1. Departure Radar (DR)
 - Concepts Covered:
 1. Departure Gates / Airspace Splits
 2. Noise Abatement Procedures
 3. Pre-Arranged Coordination Areas
 4. Wake Turbulence
 5. RNAV Procedures
 6. Satellite Departure Procedures
 7. Speed Control
 8. Hazardous Weather / Thunderstorm Operations
 9. TMU Departure Restrictions
 10. Unusual Situations
 - a. Aircraft returning to ATL
 - b. Class B overflights
 - Certification:
 1. This session may result in full DR certification, at the discretion of the trainer.
4. A804 - M3M2 - O
 - Position:
 1. Departure Radar (DR)
 - Concepts Covered:
 1. See M3P2
 - Certification:
 1. This session may be combined with M3M1.
 2. This session is not required for full DR certification.

5. A805 - M3T1 - S

Prerequisite:

1. Completion of A80 Terminal Arrival Radar exam on VATUSA Academy.

Position:

1. Terminal Arrival Radar (TAR)

Concepts Covered:

1. ATL Airport Turn Arouds
2. Class B Requirements
3. Pre-Arranged Coordination Areas
4. Wake Turbulence
5. SOP Potential Problem Areas
6. Hazardous Weather / Thunderstorm Operations
7. Planning for Airport Shutdowns
8. Transfer of Control between TARs
9. Optimized Profile Descents (ODPs)
10. Phraseology to Cancel/Re-Issue
11. Best Practices

Certification:

1. This session does not result in certification.

6. A806 - M3P3

Position:

1. Terminal Arrival Radar (TAR)

Concepts Covered:

1. M3T1

Certification:

1. This session does not result in certification.

7. A807 - M3P4

Position:

1. Terminal Arrival Radar (TAR)

Concepts Covered:

1. M3T1

Certification:

1. This session does not result in certification.

8. A808 - M3M3 - O

Position:

1. Terminal Arrival Radar (TAR)

Concepts Covered:

1. M3T1

Certification:

1. If completed at this stage, this session results in TAR Only certification. Controller may only log onto the network when another, fully certified controller, is online and covering A80 functions not operated by this controller (i.e. AR).

-
2. This session may be combined with M3M4.
9. A809 - M3T3 - O
- Position:
1. Arrival Radar (AR)
- Concepts Covered:
1. C to A final sequencing
- Certification:
1. This session does not result in certification.
10. A8010 - M3T4 - S
- Prerequisite:
1. Completion of A80 Arrival Radar exam on VATUSA Academy.
- Position:
1. Arrival Radar (AR)
- Concepts Covered:
1. Wake Turbulence
2. ATL Airport Turn Arouds
3. Blunders on the Finals
4. Go Arouds
5. Class B Requirements
6. Opposite Direction Operations (ODO)
7. Outboard Runway/Approach Requirements/Separation
8. Pre-Arranged Coordination Areas
9. Runway Changes within the Final Boxes
10. Scratchpad Entries
11. Transfer of Control / Communication Points
12. Hazardous Weather / Thunderstorm Plans
13. Wake Remnant/Overtake Situations
14. Potential Problem Areas
- Certification:
1. This session does not result in certification.
11. A8011 - M3P5
- Position:
1. Arrival Radar (AR)
- Concepts Covered:
1. M3T4
- Certification:
1. This session does not result in certification.
12. A8012 - M3M4 - S
- Position:
1. Arrival Radar (AR)
- Concepts Covered:
1. M3T4
- Certification:
1. Successful completion of this session results in full A80 certification.

Appendix A:

Record of Changes:

Date	Revision	Editor/Version
2/10/18	Original Document	JQ/A
6/20/19	Edit to align with JO 3120.4A	JQ/B
August 2019	Training Flow Changes	MB/C
January 2020	Training Flow Changes	PS/D
6/17/21	Formatting Change	DD/E
10/01/21	Formatting Change Training Flow Changes	ZB/F

Appendix B:

Program Trial Authorizations (as of 10/1/21):

1. [Data-Side / Control Position Associate Program](#).
2. [Mentor/Instructor Assignment Program](#)
3. [Peer-To-Peer Training Program](#)