



White Paper Narrative for INTERIM REVISIONS TO AIRPORT LAYOUT PLAN SET Tallahassee International Airport April 2022

Introduction

The purpose of this paper is to summarize the April 2022 revisions proposed for the Airport Layout Plan (ALP) set developed in 2019 for the Tallahassee International Airport (TLH), as well as an explanation supporting the planned changes.

Project Overview

The 2019 ALP Drawing was included as Sheet #3 in the current ALP set and was conditionally approved by the FAA Airport District Office on August 6, 2019. The corresponding ALP set included the following 16 drawings:

1. Title Sheet
2. Airport Data Sheet
3. Airport Layout Plan Drawing;
Conditionally approved by FAA on August 6, 2019 (right)
4. Terminal Area Drawing
5. Airport Airspace Drawing – Runway 9-27 (1 of 2)
6. Airport Airspace Drawing – Runway 18-36 (2 of 2)
7. Inner Portion of the Approach Surface Drawing – Runway 9
8. Inner Portion of the Approach Surface Drawing – Runway 27
9. Inner Portion of the Approach Surface Drawing – Runway 18
10. Inner Portion of the Approach Surface Drawing – Runway 36
11. Runway Departure Surface Drawing – Runway 9-27
12. Runway Departure Surface Drawing – Runway 18-36
13. Land Use Drawing
14. Exhibit “A” Airport Property Inventory Map
15. Airport Property Map Legal Description, Legend, and Boundary Details
16. Airport Property Map Information Tables



FAA APPROVAL STAMP

Since that time, the airport has initiated detailed planning (or completed construction) on six general airport improvements, and this update to the ALP set is intended to accurately reflect these improvements.

Recent Airport Improvements

The six general improvements include projects which have been planned in further detail, projects which have been constructed, and planned improvements which were not included in the currently approved ALP set. The six improvements to be reflected in the ALP set are:



Projects Planned in Further Detail Since 2019 ALP Conditional Approval

1. **Terminal Access Roads:** The proposed alignment of the reconfigured terminal access roads was assumed in the 2019 ALP set; however, the project design was recently completed as part of the Airport Access and Roadway Realignment project and the drawings will be updated to reflect the anticipated road/drive alignment more accurately.
2. **Taxiway A & Connectors:** In late 2019, the airport moved forward on a plan to rehabilitate the pavements associated with Runway 18-36 and the associated taxiway system. The project identified a need for two future connectors on the east side of Taxiway A to access proposed development within the "Future Aeronautical Development Area." Although the proposed connectors are compatible with the ALP drawing, the connectors were not shown and the overall nomenclature for the taxiway system will change. In addition, the original plan to maintain three connectors to the North Apron was modified to provide two connectors in the future. The revised airfield pavement geometry will be incorporated to reflect the updated geometry and taxiway designations associated with the taxiway connectors.

Projects Constructed Since 2019 ALP Conditional Approval

3. **Solar Farm:** In early 2020, the airport completed the construction of the 320-acre solar farm planned for the airport property west of Runway 18-36. As the solar farm is now completed, the ALP set will be updated to reference the solar farm as "existing."

New Improvements Planned Since 2019 ALP Conditional Approval

4. **Rental Car Quick Turnaround Facility:** The proposed Rental Car Quick-Turnaround Facility project will include the relocation of the existing rental car service facilities northeast of Capital Circle to a new facility proposed northeast of the terminal building. The Rental Car Quick-Turnaround facility project design is complete, and the detailed layout will be incorporated more accurately into the ALP set.
5. **Expanded FDOT Right-of-Way:** The FDOT and the airport have recently closed on a real estate transaction in which FDOT acquired 58.84 acres from the airport to accommodate the planned widening of Capital Circle SW. These properties were coordinated with FAA for approval in 2021. The ALP set will be updated to reflect the resulting airport property boundary following this transaction.
6. **International Passenger Processing Facility:** The proposed International Passenger Processing Facility (IPPF) improvements is a high priority for the City of Tallahassee and will constitute an expansion of the existing terminal building on the north side of Concourse B. The facility will house Custom & Border Protection activities, which will enable international arrivals to be processed on-site and enable the airport to qualify for their new Foreign Trade Zone (FTZ) designation.



Proposed Revisions

This update will include revisions to ten (10) of the existing ALP set drawings to reflect the improvements referenced above. The revisions to the individual sheets will include a standard entry in the revision block on the cover sheet and on the drawings which are revised. The sheets to be revised are as follows:

1. **Sheet 1—Cover Sheet:** The cover sheet will be updated to reflect the date of the latest revisions and the sheets which were revised in this effort.
2. **Sheet 2—Airport Data Sheet:** The Airport Data Sheet includes a Taxiway/Taxilane Data table which identify existing/future taxiway designations and corresponding Airplane Design Group (ADG) & Taxiway Design Group (TDG) designations. The table also includes associated notes and design standards. The sheet will be updated to reflect the new taxiway designations and design criteria for the taxiways comprising the Runway 18-36 taxiway system.
3. **Sheet 3—Airport Layout Plan Drawing:** The ALP drawing is the sole sheet to be conditionally approved by the FAA. It will be updated in accordance with the six existing/proposed facility improvements referenced above, including the new airport property boundary, new taxiway designations, the updated terminal access road configuration, the proposed Rental Car Quick-Turnaround Facility, as well as all interfaces/tie-ins to existing facilities. The Existing Building Table will be updated accordingly.
4. **Sheet 4—Terminal Area Drawing:** The Terminal Area Drawing will be updated to accurately reflect the details associated with the new terminal access drive layout, the planned Rental Car Quick-Turnaround Facility, the planned IPPF expansion to the terminal and the revised airport property boundary.
5. **Sheet 5—Airport Airspace Drawing – Runway 9-27 (1 of 2):** No change
6. **Sheet 6—Airport Airspace Drawing – Runway 18-36 (2 of 2):** No change
7. **Sheet 7—Inner Portion of the Approach Surface Drawing – Runway 9:** No change
8. **Sheet 8—Inner Portion of the Approach Surface Drawing – Runway 27:** No change
9. **Sheet 9—Inner Approach Surface Runway 18:** The plan view will be updated to reflect the new geometry planned for the taxiway connectors associated with Taxiway A. Neither the profile view nor the associated approach obstruction data table will be revised.
10. **Sheet 10—Inner Approach Surface Runway 36:** The plan view will be updated to reflect the new geometry planned for the taxiway connectors associated with Taxiway A. Neither the profile view nor the associated approach obstruction data table will be revised.



11. **Sheet 11—Runway Departure Surface Drawing – Runway 9-27:** No change
12. **Sheet 12—Runway Departure Surface Drawing – Runway 18-36:** No change
13. **Sheet 13—Land Use Drawing:** The Land Use Drawing will be updated to reflect the general airports improvements since 2019, including the new airport property boundary, new pavement geometry and tie-ins to existing facilities to remain. The noise contours and land use designations will not be revised.
14. **Sheet 14—Exhibit “A” Airport Property Inventory Map:** The Exhibit A Property Map will be updated to reflect revised airport property boundary resulting from the planned Capital Circle SW right-of-way widening.
15. **Sheet 15—Airport Property Map Legal Description:** The property boundary details provided on Sheet 15 will be revised to reflect revised airport property boundary resulting from the planned Capital Circle SW right-of-way widening. The work shall be limited to updating the boundary details; no physical survey or update to the Legal Description shall be performed.
16. **Sheet 16—Airport Property Map Information:** The property map information tables on Sheet 16 to reflect changes in property and easement information. It is anticipated that the recent transfer of parcels/sub-parcels to FDOT for the widening of Capital Circle SW will be added to the table and the acreages associated with parcels to remain in airport ownership will be reduced.

Upon updating the drawings, the updated set will be submitted to FAA for review and approval. Comments will be addressed as applicable.

End of White Paper Narrative