GEORGIA STATEWIDE AVIATION SYSTEM PLAN

GEORGIA AIRPORTS MEAN BUSINESS

GEORGIA TECHNICAL REPORT

GEORGIA AIRPORTS MEAN BUSINESS
GEORGIA STATEWIDE AVIATION SYSTEM PLAN

Prepared for:

Georgia Department of Transportation Aviation Programs Office

January 2019

Prepared by:

Jviation, Inc.

with

Aulick Engineering, LLC

Marr Arnold Planning, LLC

Moffatt & Nichol

As required by Paragraph 425.B(4) of FAA Order 5100.38C, Airport Improvement Program (AIP) Handbook:

The preparation of this document may have been supported, in part, through the Airport Improvement Program financial assistance from the Federal Aviation Administration as provided under Title 49 U.S.C., Section 47104. The contents do not necessarily reflect the official views or policy of the FAA. Acceptance of this report by the FAA does not in any way constitute a commitment on the part of the United States to participate in any development depicted therein nor does it indicate that the proposed development is environmentally acceptable or would have justification in accordance with appropriate public laws.
# Table of Contents

1. **Introduction** ...................................................................................................................................... 1-1

2. **Inventory** ............................................................................................................................................... 2-1
   - 2.1 Introduction ..................................................................................................................................... 2-1
   - 2.2 Data Collection Process .............................................................................................................. 2-1
   - 2.3 Existing System ............................................................................................................................ 2-2
   - 2.4 Aviation Activity and Based Aircraft ............................................................................................ 2-8
     - 2.4.1 Airport Operations ................................................................................................................ 2-8
     - 2.4.2 Based Aircraft ....................................................................................................................... 2-9
   - 2.5 Airside Facilities ............................................................................................................................ 2-9
     - 2.5.1 Runway Information .............................................................................................................. 2-9
     - 2.5.2 Taxiway Information ............................................................................................................ 2-20
   - 2.6 Navigation, Approach, and Landing Aids ..................................................................................... 2-24
     - 2.6.1 Instrument Approach Aids ................................................................................................... 2-24
     - 2.6.2 Visual Aids ........................................................................................................................... 2-31
     - 2.6.3 Automated Weather ............................................................................................................. 2-34
   - 2.7 Landside Facilities/Services .......................................................................................................... 2-37
     - 2.7.1 Fuel Services ........................................................................................................................ 2-38
     - 2.7.2 Other Services and Facilities ................................................................................................ 2-41
   - 2.8 Airport Planning Documents ........................................................................................................ 2-51
     - 2.8.1 Airport Layout Plan and Wildlife Management Plan ........................................................... 2-51
     - 2.8.2 Summary ............................................................................................................................. 2-54

3. **Forecasts** ............................................................................................................................................. 3-1
   - 3.1 Industry Trends and Issues That May Impact Future Aviation Growth ...................................... 3-1
     - 3.1.1 Commercial Service Industry Trends .................................................................................. 3-1
     - 3.1.2 General Aviation Industry Trends ....................................................................................... 3-3
   - 3.2 Historic and Current Aviation Activity in Georgia ........................................................................ 3-4
     - 3.2.1 Commercial Air Service Trends in Georgia ....................................................................... 3-5
     - 3.2.2 General Aviation Trends in Georgia .................................................................................... 3-15
   - 3.3 Socioeconomic Trends That May Impact Future Aviation Growth ............................................ 3-21
   - 3.4 Projections of Aviation Demand .................................................................................................. 3-25
     - 3.4.1 Commercial Service Projections ........................................................................................ 3-25
     - 3.4.2 General Aviation Projections ............................................................................................... 3-29
     - 3.4.3 General Aviation Aircraft Operations ................................................................................... 3-31
4. Existing System Evaluation ................................................................................................................. 4-1
   4.1 60-Minute Accessibility to an Airport with Scheduled Commercial Airline Service ................. 4-1
   4.2 30-Minute Accessibility to An Airport ............................................................................................ 4-8
   4.3 30-Minute Accessibility to An Airport with a Published Approach .............................................. 4-12
   4.4 45-Minute Accessibility to an Airport with a Vertical Guidance Approach .............................. 4-21
   4.5 30-Minute Accessibility to an Airport with On-Site Weather Reporting Equipment .................. 4-29
   4.6 30-Minute Accessibility to an Airport with a Runway Length of 4,000 feet or Greater ................. 4-37
   4.7 System Performance for Pavement Condition Index ..................................................................... 4-61
   4.8 System Performance Runway Safety Areas ................................................................................... 4-65
   4.9 System Performance for Runway Separation Standards ............................................................. 4-70
   4.10 Results from Other System Evaluation Analysis ........................................................................ 4-73
       4.10.1 Statewide Runway Protection Zone Analysis ................................................................... 4-73
       4.10.2 Statewide Land Use Analysis ............................................................................................ 4-81
       4.10.3 Statewide Through-the-Fence Analysis .......................................................................... 4-83
   4.11 Summary of System Performance .................................................................................................. 4-86
5. Airport Roles ......................................................................................................................................... 5-1
   5.1 Factors That Influence Current Roles for Georgia Airports ......................................................... 5-1
   5.2 FAA Roles for Georgia Airports .................................................................................................... 5-2
       5.2.1 Unclassified Airports .......................................................................................................... 5-8
       5.2.2 NPIAS Candidate Airport Analysis ................................................................................... 5-8
   5.3 System Accessibility/Coverage Objectives .................................................................................. 5-10
   5.4 Recommended System .................................................................................................................. 5-12
6. Airport Facility and Service Objectives Analysis .................................................................................. 6-1
   6.1 Airside Facilities ............................................................................................................................ 6-3
       6.1.1 Runway Length .................................................................................................................... 6-3
       6.1.2 Runway Width ...................................................................................................................... 6-8
       6.1.3 Taxiway Type ...................................................................................................................... 6-8
       6.1.4 Primary Runway Pavement ................................................................................................. 6-9
       6.1.5 Approach Type .................................................................................................................... 6-12
       6.1.6 Airport Lighting Systems .................................................................................................... 6-13
       6.1.7 Visual Navigational Aids .................................................................................................... 6-16
       6.1.8 Weather Reporting ............................................................................................................. 6-19
6.1.9 Airfield Signage..........................................................6-20
6.1.10 Fencing ..................................................................6-22
6.1.11 Ground Communication ..........................................6-23

6.2 Other Facilities ..........................................................6-23
6.2.1 Hangar Aircraft Storage ...........................................6-24
6.2.2 Tie-downs for General Aviation Aircraft ..................6-26
6.2.3 Terminal/Administration Building .........................6-28
6.2.4 General Aviation Auto Parking ...............................6-30

6.3 Services ....................................................................6-33
6.3.1 Fuel .....................................................................6-33
6.3.2 Fixed Base Operator Services .................................6-34
6.3.3 Aircraft Maintenance ..............................................6-35
6.3.4 Rental Car .............................................................6-36

6.4 Changes in Performance Since the 2002 GSASP ........6-38

6.5 Summary .................................................................6-43

7. Recommended Plan and Associated Costs .....................7-1

7.1 Introduction ..............................................................7-1

7.2 System Plan Recommendations Summary ....................7-2
7.2.1 NPIAS and Unclassified Airports .........................7-2
7.2.2 Recommendations from Additional Study Research ...7-3
7.2.3 Recommendations for System Performance Measures 7-3

7.3 Summary of Airport Facility and Service Objective Recommendations ........................................7-6

7.4 Cost Estimating ........................................................7-9
7.4.1 Costs Associated with System Plan Recommendations 7-10
7.4.2 Other Development Costs for System Airports ....7-14
7.4.3 Combined Estimated Development Costs .............7-22
7.4.4 Average Annual Development Cost .......................7-27

7.5 Funding ..................................................................7-27
7.5.1 Federal Funding ....................................................7-27
7.5.2 State Funding for Georgia Airports .......................7-28
7.5.3 Total Estimate Yearly Funding for Georgia Airports 7-28
7.5.4 Anticipated Costs Versus Anticipated Funding Availability 7-29

7.6 Need Versus Benefit ................................................7-29
Figures

Figure 1-1: System Planning Process .......................................................................................................................... 1-4
Figure 2-1: RDC Aircraft Types ............................................................................................................................. 2-3
Figure 2-2: Georgia System Airports and 2002 Airport Roles/Lets ................................................................. 2-7
Figure 3-1: Historic and Projected Enplanements on US Carriers ........................................................................ 3-2
Figure 3-2: General Aviation Trends ......................................................................................................................... 3-3
Figure 3-3: Historic Enplanements (2002-2016), Georgia Commercial Airports, Excluding ATL ................ 3-5
Figure 3-4: Carrier Shares of Georgia Departing Flights (Month of January), Excluding ATL ....................... 3-6
Figure 3-5: ABY Historic Enplanements (2002-2016) ............................................................................................. 3-7
Figure 3-6: AGS Historic Enplanements (2002-2016) ............................................................................................ 3-8
Figure 3-7: AHN Historic Enplanements (2002-2016) .......................................................................................... 3-9
Figure 3-8: BQK Historic Enplanements (2002-2016) ......................................................................................... 3-10
Figure 3-9: CSG Historic Enplanements (2002-2016) .......................................................................................... 3-11
Figure 3-10: MCN Historic Enplanements (2002-2016) ......................................................................................... 3-12
Figure 3-11: SAV Historic Enplanements (2002-2016) ......................................................................................... 3-13
Figure 3-12: VLD Historic Enplanements (2002-2016) ......................................................................................... 3-15
Figure 3-13: Comparison of Georgia, Southern Region, and US General Aviation Activity Trends (2001- 2016) ................................................................................................................................................... 3-20
Figure 3-14: Change in General Aviation Operations at Towered Airports in Georgia ........................................ 3-21
Figure 3-15: Historic and Projected Georgia Population and Employment ....................................................... 3-22
Figure 3-16: Projected Population Growth Rate by County (2013-2035) .............................................................. 3-23
Figure 3-17: Projected Employment Growth Rate by County (2015-2035) ............................................................ 3-24
Figure 3-18: Comparison of Based Aircraft Projection Scenarios .............................................................................. 3-31
Figure 3-19: Operations Projection Scenarios .......................................................................................................... 3-33
Figure 4-1: 60-Minute Accessibility to Georgia Commercial Airports ............................................................... 4-4
Figure 4-2: 60-Minute Accessibility to Georgia and Nearby Commercial Airports .................................................. 4-5
Figure 4-3: 60-Minute Accessibility to a Georgia Commercial Airport Excluding Macon and Athens .................. 4-6
Figure 4-4: 60-Minute Accessibility to a Georgia Commercial Airport With More Than One Scheduled Carrier ................................................................................................................................................... 4-7
Figure 4-5: 30-Minute Current Accessibility to a Georgia Public Airport ............................................................... 4-9
Figure 4-6: 30-Minute Current Accessibility to a Georgia or Nearby Airport .......................................................... 4-10
Figure 4-7: 30-Minute Potential Accessibility to a Georgia or Nearby Airport ....................................................... 4-11
Figure 4-8: Percentage of Airports With a Published Approach .............................................................................. 4-12
Figure 4-9: 30-Minute Current Accessibility to a Georgia Airport With a Published Approach ............................ 4-17
Figure 4-10: 30-Minute Current Accessibility to a Georgia or Nearby Airport With a Published Approach ........ 4-18
Figure 4-39: Level III RPZs Fully Under And Not Fully Under Airport Control........................................................... 4-77
Figure 4-40: Level III RPZs With and Without Incompatible Land Uses................................................................. 4-77
Figure 4-41: Percentage of Total Cost by Category To Control All RPZs at Level III Airports............................... 4-78
Figure 4-42: Level II RPZs Fully and Not Fully Under Airport Control ................................................................. 4-78
Figure 4-43: Level II RPZs With and Without Incompatible Land uses ................................................................. 4-79
Figure 4-44: Percent of Total Cost by Category To Control All RPZs at Level II Airports ....................................... 4-79
Figure 4-45: Level I RPZs Under and Not Under Airport Control ......................................................................... 4-80
Figure 4-46: Level I RPZs With and Without Incompatible Land Uses ................................................................. 4-80
Figure 4-47: Percentage of Total Cost by Category - Level I Airports ................................................................. 4-81
Figure 4-48: Local Governments With Land Use Controls And Zoning Tools In Place ........................................... 4-83
Figure 4-49: Types of TTF Activities at Georgia Airports .................................................................................... 4-85
Figure 4-50: Operators With TTF Agreements in Place at Georgia Airports ......................................................... 4-85
Figure 4-51: Georgia Airports Collecting and Not Collecting TTF Fees ............................................................... 4-86
Figure 5-1: 45-Minute Service Areas for Level III Airports .................................................................................. 5-11
Figure 5-2: 45-Minute Service Areas for Level III and 60-Minute Service Areas for Commercial Airports .......... 5-12
Figure 5-3: 2018 Recommended Georgia State Airport System ......................................................................... 5-17
Figure 5-4: 30-Minute Service Areas for Recommended Level I Airports .......................................................... 5-18
Figure 5-5: 30-Minute Service Areas for Recommended Level II Airports .......................................................... 5-19
Figure 5-6: Combined 30-Minute Service Areas for Recommended Level I and Level II Airports ....................... 5-20
Figure 5-7: Combined Accessibility to All Airports in the Recommended System .................................................. 5-21
Figure 6-1: Percentage of Airports By Level That Meet Primary Runway Length Objectives ............................. 6-4
Figure 6-2: Airports Exceeding 6,000-foot Runway Length .................................................................................. 6-7
Figure 6-3: Percentage of Airports By Level That Meet Primary Runway Width Objectives ............................... 6-8
Figure 6-4: Percentage of Airports By Level That Meet Taxiway Objectives ...................................................... 6-9
Figure 6-5: Percentage of Airports By Level That Meet Primary Runway Minimum Pavement Condition Objectives ................................................................. 6-10
Figure 6-6: Percentage of Airports By Level That Meet Pavement Strength Objectives ..................................... 6-12
Figure 6-7: Percentage of Airports By Level That Meet Approach Objectives .................................................... 6-13
Figure 6-8: Percentage of Airports By Level That Meet Runway Edge Lighting Objectives ................................ 6-14
Figure 6-9: Percentage of Airports By Level That Meet Taxiway Lighting Objectives ......................................... 6-15
Figure 6-10: Percentage of Airports By Level That Meet Airport Lighting System Objectives ............................ 6-16
Figure 6-11: Percentage of Airports By Level That Meet NAVAIDs Objectives .................................................. 6-17
Figure 6-12: Percentage of Airports By Level That Meet Weather Reporting Objective .................................... 6-19
Figure 6-13: Percentage of Airports By Level That Meet Signage Objective ..................................................... 6-21
Figure 6-14: Percentage of Airports By Level That Meet Fencing Objectives ..................................................... 6-22
Figure 6-15: Percentage of Airports By Level That Will Meet Hangar Aircraft 2035 Storage Objective ................... 6-24
Figure 6-16: Percentage of Airports By Level That Currently Meet Hangar Aircraft Storage Objective ................. 6-25
Figure 6-17: Percentage of Airports By Level That Will Meet 2035 General Aviation Tie-Down/Apron Objective .......................................................... 6-26
Figure 6-18: Percentage of Airports By Level That Currently Meet General Aviation Tie-Down/Apron Objective ............................................................................................................................................. 6-27
Figure 6-19: Percentage of Airports By Level That Meet Terminal Objective .......................................................... 6-29
Figure 6-20: Percentage of Airports By Level That Will Meet 2035 General Aviation Auto Parking Objective ........ 6-30
Figure 6-21: Percentage of Airports By Level That Currently Meet General Aviation Auto Parking Objective ........ 6-31
Figure 6-22: Percentage of Airports By Level That Provide Fuel Type To Meet Objective ................................. 6-32
Figure 6-23: Percentage of Airports By Level That Meet FBO Objective ............................................................ 6-33
Figure 6-24: Percentage of Airports by Level That Meet Aircraft Maintenance Objective ............................................ 6-35
Figure 6-25: Percentage of Airports By Level That Meet Rental Car Objective ........................................................... 6-36
Figure 6-26: Statewide Comparison of Facility And Service Objective Performance 2002 GSASP Versus 2017 GSASP ......................................................................................................................................... 6-37
Figure 6-27: Level III Comparison of Facility And Service Objective Performance 2002 GSASP Versus 2017 GSASP .................................................................................................................................................. 6-38
Figure 6-28: Level II Comparison of Facility And Service Objective Performance 2002 GSASP Versus 2017 GSASP .................................................................................................................................................. 6-39
Figure 6-29: Level I Comparison of Facility And Service Objective Performance 2002 GSASP Versus 2017 GSASP .................................................................................................................................................. 6-40
Figure 7-1: System Plan Costs by Project Category .................................................................................................. 7-13
Figure 7-2: System Plan Project Costs by Level ........................................................................................................ 7-14
Figure 7-3: Pavement Costs by Project Category ...................................................................................................... 7-15
Figure 7-4: Pavement Costs by Airport Level .......................................................................................................... 7-16
Figure 7-5: CIP Costs by Project Category ................................................................................................................ 7-18
Figure 7-6: CIP Costs by Level ................................................................................................................................... 7-19
Figure 7-7: RPZ Costs by Project Category ................................................................................................................ 7-20
Figure 7-8: RPZ Costs by Level .................................................................................................................................. 7-21
Figure 7-9: Additional Or Replacement Airport Costs .............................................................................................. 7-22
Figure 7-10: Combined Development Costs by Project Category ............................................................................. 7-23
Figure 7-11: Combined Development Costs by Level .............................................................................................. 7-24
Figure 7-12: Combined Development Costs by Plan .............................................................................................. 7-25
Tables

Table 2-1: Aircraft Approach Category .......................................................... 2-2
Table 2-2: Airplane Design Group ................................................................. 2-2
Table 2-3: Runway Visual Range ................................................................. 2-3
Table 2-4: Georgia System Airports .............................................................. 2-4
Table 2-5: System Plan Role Descriptions .................................................. 2-8
Table 2-6: Current Runway Dimensions ..................................................... 2-10
Table 2-7: Runway Lighting Information .................................................... 2-14
Table 2-8: Primary Runway Taxiway Information ....................................... 2-20
Table 2-9: Instrument Approach Aids ....................................................... 2-25
Table 2-10: Airport Visual Aids ................................................................. 2-31
Table 2-11: Weather Reporting Systems .................................................. 2-35
Table 2-12: Fuel Type .............................................................................. 2-38
Table 2-13: Services and Facilities ........................................................... 2-42
Table 2-14: Ground Access Options ....................................................... 2-48
Table 2-15: Airport Layout Plan and Wildlife Management Plan .............. 2-51
Table 3-1: National Trends Influencing General Aviation Growth ......... 3-4
Table 3-2: Georgia Air Service Summary (Month of January 2002-2017), Excluding ATL .................................................. 3-6
Table 3-3: ABY Air Service Summary (Month of January 2002-2017) .................. 3-7
Table 3-4: AGS Air Service Summary (Month of January 2002-2017) .......... 3-8
Table 3-5: AHN Air Service Summary (Month of January 2002-2017) .......... 3-9
Table 3-6: BQK Service Summary (Month of January 2002-2017) .............. 3-10
Table 3-7: CSG Air Service Summary (Month of January 2002-2017) .......... 3-11
Table 3-9: SAV Air Service Summary (Month of January 2002-2017) .......... 3-14
Table 3-10: VLD Air Service Summary (Month of January 2002-2017) .......... 3-15
Table 3-11: Based Aircraft and General Aviation Operations Estimates In Georgia .................................................. 3-16
Table 3-12: Georgia Historic Commercial Service Enplanements and Operations (Excluding ATL) .................................................. 3-27
Table 3-13: Georgia Enplanement Projections ........................................... 3-28
Table 3-14: Georgia Commercial Service Operations Projections .................. 3-29
Table 3-15: Comparison of Based Aircraft Projection Scenarios ............... 3-30
Table 3-16: Comparison of General Aviation Annual Operations Projection Scenarios ............................................. 3-32
Table 3-17: Projections of Based Aircraft and General Aviation Operations .................................................. 3-34
Table 4-1 Airports With a Published Approach ........................................... 4-12
Table 4-2: Airports With a Vertical Guidance Approach ............................... 4-21
Table 4-3: Airports With AWOS or ASOS ................................................................. 4-29
Table 4-4: Georgia Level II and III Airports Without On-Site Weather Reporting Equipment ............................................. 4-33
Table 4-5: Airports With a Runway 4,000 Feet or Greater ................................................................. 4-37
Table 4-6: Georgia Airports With a Runway Less Than 4,000-Foot Runway .............................................. 4-41
Table 4-7: Proposed Runway Extensions at Georgia Airports ................................................................. 4-41
Table 4-8: Airports With a Runway 5,000 Feet or Longer ........................................................................ 4-45
Table 4-9: Airports With Plans for Runway Extensions to at Least 5,000 Feet ............................................. 4-49
Table 4-10: Airports With a Runway 5,500 Feet or Longer .................................................................... 4-53
Table 4-11: Airports With Plans for Runway Extensions to at Least 5,500 Feet ........................................... 4-57
Table 4-12: Airport Primary Runway PCI Ratings 2002 Versus 2012 ....................................................... 4-61
Table 4-13: Airport Primary Runway Safety Areas ......................................................................................... 4-65
Table 4-14: Airport Runway To Taxiway Separation Standards ............................................................... 4-70
Table 4-15: Land Uses in an RPZ Requiring FAA Coordination ............................................................... 4-74
Table 4-16: Airports in Georgia With Through-the-Fence Access ............................................................ 4-84
Table 4-17: Current and Future Performance Measures .......................................................................... 4-87
Table 5-1: FAA ASSET Airport Categories and Criteria ........................................................................... 5-3
Table 5-2: Georgia System Airports by ASSET/NPIAS Role Compared To Current State Role ................ 5-4
Table 5-3: Summary Comparison of NPIAS/ASSET and Current GSASP Roles ......................................... 5-7
Table 5-4: ASSET/NPIAS Unclassified Airport Summary ........................................................................ 5-8
Table 5-5: Eligibility Review for Non-NPIAS Airports ........................................................................... 5-9
Table 5-6: Recommended Airport Roles .................................................................................................. 5-13
Table 6-1: Facility and Service Objectives for Georgia by Airport Level ................................................... 6-2
Table 6-2: Airports Not Meeting Runway Length Objective (October 2017) ............................................. 6-4
Table 6-3: NBAA Business Airport Guidelines ......................................................................................... 6-5
Table 6-4: Airports With Runway Lengths Greater Than 6,000 Feet To Support Large Business Jets (October 2017) ...................................................................................................................... 6-6
Table 6-5: Airports Not Meeting Primary Runway Width Objective (October 2017) ..................................... 6-8
Table 6-6: Airports Not Meeting Taxiway System Objectives (October 2017) ........................................... 6-9
Table 6-7: Airports Not Meeting Pavement Condition Objectives (October 2017) ..................................... 6-10
Table 6-8: Airports Not Meeting Pavement Strength Objectives (October 2017) ....................................... 6-12
Table 6-9: Airports Not Meeting Approach Type Objective (October 2017) ................................................ 6-13
Table 6-10: Airports Not Meeting Runway Edge Lighting Objective (October 2017) .................................... 6-14
Table 6-11: Airports Not Meeting Taxiway Lighting Objective (October 2017) ........................................... 6-15
Table 6-12: Airports Not Meeting Approach Lighting Objective (October 2017) ....................................... 6-16
Table 6-13: Airports Not Meeting Rotating Beacon Objectives (October 2017) ........................................... 6-18
Table 6-14: Airports Not Meeting Segmented Circle Objectives (October 2017) .................................................... 6-18
Table 6-15: Airports Not Meeting VGSI Objectives (October 2017) ....................................................................... 6-19
Table 6-16: Airports Not Meeting Weather Reporting Objective (October 2017) ................................................... 6-20
Table 6-17: Airports Not Meeting Signage Objective (October 2017) ..................................................................... 6-21
Table 6-18: Airports Not Meeting Fencing Objective (October 2017) ................................................................. 6-22
Table 6-19: Airports That will Not Meet 2035 Hangar Storage Objective .............................................................. 6-25
Table 6-20: Airports That Do Not Meet Current Hangar Storage Objective .......................................................... 6-25
Table 6-21: Airports That Will Not Meet Apron Tie-Down 2035 Objective ............................................................. 6-27
Table 6-22: Airports That Do Not Currently Meet Apron Tie-Down Objective ........................................................ 6-28
Table 6-23: Airports Not Meeting Terminal Objective (October 2017) ................................................................... 6-29
Table 6-24: Airports That Will Not Meet 2035 General Aviation Auto Parking Objective .................................... 6-31
Table 6-25: Airports That Currently Do Not Meet General Aviation Auto Parking Objective ............................. 6-32
Table 6-26: Airports Not Meeting Fuel Objectives (October 2017) ....................................................................... 6-34
Table 6-27: Full-Service FBO Services .................................................................................................................. 6-34
Table 6-28: Airports Not Meeting FBO Objective (October 2017) ........................................................................... 6-35
Table 6-29: Airports Not Meeting Aircraft Maintenance Objective (October 2017) .............................................. 6-36
Table 6-30: Airports Not Meeting Rental Car Objective (October 2017) ............................................................... 6-37
Table 6-31: Runway Objectives And Compliance By Airport .................................................................................. 6-44
Table 6-32: Taxiway Type Objectives And Compliance By Airport ................................................................. 6-49
Table 6-33: Pavement Objectives and Compliance by Airport ............................................................................. 6-54
Table 6-34: Approach Objectives And Compliance By Airport ............................................................................ 6-59
Table 6-35: Airport Lighting Objectives And Compliance By Airport .................................................................. 6-64
Table 6-36: Airport Visual Navigation Aids Objectives and Compliance by Airport ........................................... 6-69
Table 6-37: Weather Reporting Objectives and Compliance by Airport .............................................................. 6-74
Table 6-38: Airfield Signage Objectives and Compliance by Airport ................................................................. 6-79
Table 6-39: Fencing Objectives and Compliance by Airport ................................................................................ 6-84
Table 6-40: Hangar Storage Objectives and Compliance by Airport ................................................................. 6-89
Table 6-41: Apron Storage Objectives and Compliance by Airport ................................................................. 6-94
Table 6-42: Terminal Objectives and Compliance by Airport ............................................................................. 6-99
Table 6-43: Auto Parking Objectives and Compliance by Airport ..................................................................... 6-104
Table 6-44: Fuel Objectives and Compliance by Airport .................................................................................. 6-109
Table 6-45: FBO Objectives and Compliance by Airport .................................................................................. 6-114
Table 6-46: Maintenance and Rental Car Objectives and Compliance by Airport .............................................. 6-119
Table 7-1: Summary of Facility and Services Objective Performance by Level .................................................. 7-7
Table 7-2: Summary of System Plan Costs by Detailed Project Category and Level .............................................. 7-11
Table 7-3: System Plan Costs Summarized by Project Category and Level .............................................................. 7-12
Table 7-4: Summary of Pavement Costs by Project Category and Level ................................................................. 7-15
Table 7-5: Pavement Costs by Project Category and Airport Level ........................................................................ 7-16
Table 7-6: Summary of RPZ Costs by Project Category and Level ....................................................................... 7-20
Table 7-7: Additional Or Replacement Airport Costs .............................................................................................. 7-22
Table 7-8: Summary of Combined Development Costs by Project Category and Level ........................................... 7-23
Table 7-9: Summary of Combined Development Costs by Level and Plan ............................................................ 7-25
Table 7-10: Average Annual Development Need .................................................................................................... 7-27
Table 7-11: Federal Funding for Georgia Airports ................................................................................................. 7-28
Table 7-12: Anticipated Average Annual Federal and State Funding for Georgia Airports ...................................... 7-29

Appendices

Appendix A, Sample of Questionnaire/Survey for Data Collection Effort
Appendix B, Airport Report Cards