APPENDIX A: INVENTORY SURVEY

VIRGINIA STATE SYSTEM PLAN AIRPORT INVENTORY DATA REQUEST

1. GENERAL INFORMATION

Airport Name:_____ Date of Survey: _____

Airport Identifier: _____ Associated City: _____

Airport Location:_____ miles _____ of _____, County of _____

Airport Latitude: _____ Airport Longitude: _____

Airport Elevation: _____ft msl Total Airport Acreage: _____

Airport Owner:_____ ☐ Publicly Owned ☐ Privately Owned

Owner Address: _____ Owner Phone: _____

Airport Manager: _____ Manager Phone:_____

Manager Address: _____

2. AIRPORT CHARACTERISTICS

a. NPIAS Classification:

Service Level:
- ☐ PR – Commercial Service – Primary
- ☐ CM – Commercial Service – Other
- ☐ CR – Reliever Airport with Commercial Service
- ☐ RL – Reliever Airport
- ☐ GA – General Aviation Airport

b. Control Tower: ☐ None ☐ FAA Tower ☐ Contract Tower

Hours of Operation, if applicable _____

c. Airport has: ☐ Rotating Beacon ☐ Segmented Circle ☐ Lighted Wind Cone
☐ Weather Reporting (type _____)

d. Airport Reference Code: _____ Date/Source: _____

e. Critical Aircraft: _____ Date/Source: _____

g. Other Airports within 25 Miles: _____

_____

3. CURRENT AIRPORT USEAGE

a. The Airport is used for the following purposes:

- ☐ Recreational Flying
- ☐ Corporate/Business Flights
- ☐ Flight Training
- ☐ Prisoner Transport
- ☐ Traffic or News Reporting
- ☐ Aviation Museum
- ☐ Forest Fire Fighting
- ☐ Agricultural Spraying
- ☐ Environmental Patrols
- ☐ Civil Air Patrol
- ☐ Location for Community Facilities
- ☐ Other _____
  (fire department, Humane Society, etc)
- ☐ Police or Law Enforcement Flights
- ☐ Emergency Medical (air ambulance, etc.)
- ☐ Gateway for VIP/High Profile Visitors
- ☐ Search and Rescue
- ☐ Aerial Photography/Surveying
- ☐ Real Estate Tours
- ☐ Aerial Inspections (pipeline, electric, etc)
- ☐ Staging Area for Community Events
- ☐ Aerial Advertising/Banner Towing
- ☐ Shipping of Just-In-Time or Perishable Goods
- ☐ Skydiving

b. The Airport has an Industrial Park: ☐ Yes ☐ No (continue to question "c")

The Airport Industrial Park is: ☐ On-Airport ☐ Off-Airport

Total Acres: _____ Total Acres Developed: _____

Tenants or Types of Businesses: _____

Airport Usage by Industrial Park Tenants: _____

c. Major Airport Users and Off-Airport Dependent Businesses:

Airport User/Dependent Business	Aircraft Based at Airport?	Type of Aircraft
_____	☐ Yes ☐ No	_____
_____	☐ Yes ☐ No	_____
_____	☐ Yes ☐ No	_____
_____	☐ Yes ☐ No	_____
_____	☐ Yes ☐ No	_____
_____	☐ Yes ☐ No	_____

d. Estimate percentage of airport operations:

Business:_____ Leisure:_____ Flight Training:_____

4. AVIATION SERVICES PROVIDED AT THE AIRPORT:

☐ Scheduled Air Carrier	☐ Scheduled Commuter Air Service	☐ Air Taxi
☐ U.S. Customs/Immigration	☐ General Aviation Facilities	☐ Hangar Rental
☐ Tie Downs	☐ Aircraft Rental	☐ Aircraft Sales
☐ Flight Instruction	☐ Jet Fuel Sales	☐ Avgas Sales
☐ Aircraft Repair-Major	☐ Avionics Sales/Repair	☐ Public Telephone
☐ Aircraft Repair-Minor	☐ Vending	☐ Car Rental
☐ Restaurant	☐ Taxis	☐ Public Transportation
☐ Skydiving	☐ Courtesy Vehicle	☐ _____

5. AIRSIDE FACILITIES:

Electronic and Visual Landing Aid Acronyms for use in next section :

- Full ILS (instrument landing system)
  - LOC (localizer)
  - GS (glide slope)
  - OM (outer marker)
  - MM (middle marker)
  - ALS (approach light system):
    - ALSF-I – App. Light System with Sequenced Flashing Lights in an ILS CAT-I configuration
    - ALSF-II – App. Light System with Sequenced Flashing Lights in an ILS CAT-II configuration
    - SSALF – Simplified Short Approach Light System with Sequenced Flashing Lights
    - SSALR – Simplified Short Approach Light System with Runway Alignment Indicator Lights
    - MALSF – Medium Intensity Approach Light System with Sequenced Flashing Lights
    - MALSR – Medium Intensity Approach Light System with Runway Alignment Indicator Lights
    - LDIN – Sequenced Flashing Lead-In Lights
    - ODALS – Omni-directional Approach Lighting System
    - RAIL – Runway Alignment Indicator Lights (sequenced flashing lights which are installed only in combination with other light systems)
- DME (distance measuring equipment)
- NDB (non-directional beacon)
- PAPI (precision approach path indicator)
- PLASI (pulse light approach slope indicator)
- VADI (visual approach descent indicator)
- REIL (runway end identifier lights)
- VASI (visual approach slope indicator)
- VOR (very high frequency omni-directional range station)
- _____
- _____

a. Number of Runways: _____

Runway 1:

a. Runway Designation: _____ Length (ft) _____ Width (ft) _____

b. Surface Type: ☐ Concrete ☐ Asphalt ☐ Other _____

c. Surface Treatment: ☐ Grooved ☐ Other _____

d. Runway Shoulder ☐ Paved ☐ Unpaved ☐ None

e. Runway Lights: ☐ HIRL (high intensity) ☐ MIRL (medium intensity) ☐ LIRL (low intensity)
☐ CL (centerline lights) ☐ PL (pilot controlled) ☐ Non-standard

f. Runway Weight Bearing Capacity: _____ Pavement Condition Index: _____

g. Electronic and Visual Landing Aids by Runway End (see list). Please note when PC (pilot controlled) or NS (non-standard):

Runway End_____ Aids _____
Instrument Approach(es) Available: _____
Runway End_____ Aids _____
Instrument Approach(es) Available: _____

h. Runway Meets Runway Safety Area Standards: Dimensional: ☐ Yes ☐ No Gradient: ☐ Yes ☐ No

Runway 2:

a. Runway Designation: _____ Length (ft) _____ Width (ft) _____

b. Surface Type: ☐ Concrete ☐ Asphalt ☐ Other _____

c. Surface Treatment: ☐ Grooved ☐ Other _____

d. Runway Shoulder ☐ Paved ☐ Unpaved ☐ None

e. Runway Lights: ☐ HIRL (high intensity) ☐ MIRL (medium intensity) ☐ LIRL (low intensity)
☐ CL (centerline lights) ☐ PL (pilot controlled) ☐ Non-standard

f. Runway Weight Bearing Capacity: _____ Pavement Condition Index: _____

g. Electronic and Visual Landing Aids by Runway End (see list). Please note when PC (pilot controlled) or NS (non-standard):
Runway End_____ Aids _____
Instrument Approach(es) Available: _____
Runway End_____ Aids _____
Instrument Approach(es) Available: _____

h. Runway Meets Runway Safety Area Standards: Dimensional: ☐ Yes ☐ No Gradient: ☐ Yes ☐ No

Runway 3:

a. Runway Designation: _____ Length (ft) _____ Width (ft) _____

b. Surface Type: ☐ Concrete ☐ Asphalt ☐ Other _____

c. Surface Treatment: ☐ Grooved ☐ Other _____

d. Runway Shoulder ☐ Paved ☐ Unpaved ☐ None

e. Runway Lights: ☐ HIRL (high intensity) ☐ MIRL (medium intensity) ☐ LIRL (low intensity)
☐ CL (centerline lights) ☐ PL (pilot controlled) ☐ Non-standard

f. Runway Weight Bearing Capacity: _____ Pavement Condition Index: _____

g. Electronic and Visual Landing Aids by Runway End (see list). Please note when PC (pilot controlled) or NS (non-standard):
Runway End_____ Aids _____
Instrument Approach(es) Available: _____
Runway End_____ Aids _____
Instrument Approach(es) Available: _____

h. Runway Meets Runway Safety Area Standards: Dimensional: ☐ Yes ☐ No Gradient: ☐ Yes ☐ No

Runway 4:

a. Runway Designation: _____ Length (ft) _____ Width (ft) _____

b. Surface Type: ☐ Concrete ☐ Asphalt ☐ Other _____

c. Surface Treatment: ☐ Grooved ☐ Other _____

d. Runway Shoulder ☐ Paved ☐ Unpaved ☐ None

e. Runway Lights: ☐ HIRL (high intensity) ☐ MIRL (medium intensity) ☐ LIRL (low intensity)
☐ CL (centerline lights) ☐ PL (pilot controlled) ☐ Non-standard

f. Runway Weight Bearing Capacity: _____ Pavement Condition Index: _____

g. Electronic and Visual Landing Aids by Runway End (see list). Please note when PC (pilot controlled) or NS (non-standard):
Runway End_____ Aids _____
Instrument Approach(es) Available: _____
Runway End_____ Aids _____
Instrument Approach(es) Available: _____

h. Runway Meets Runway Safety Area Standards: Dimensional: ☐ Yes ☐ No Gradient: ☐ Yes ☐ No

6. LANDSIDE FACILITIES

a. Air Carrier Terminal(s) - Total Area: _____ sq ft
When Built: _____
Date of Last Major Renovation: _____
Number of Loading Positions: _____
Number of Loading Bridges: _____

b. General Aviation Terminal(s) - Total Area: _____ sq ft
When Built: _____
Date of Last Major Renovation: _____

c. Administration Building: _____ sq ft
When Built: _____
Date of Last Major Renovation: _____

d. Air Cargo Facilities:
Office: _____ sq ft
When Built: _____
Date of Last Major Renovation: _____
Warehouse: _____ sq ft
Apron: _____ sq yds
Other: _____

e. Hangars:

T-Hangars	
Number of Spaces	sq ft

Conventional Hangars (sq ft per Hangar)	
Hangar	sq ft

Is there a waiting list for hangar space?_____
If so, number of aircraft on the list _____
Number of aircraft owners on the wait list that would pay market price for new hangar space _____

f. Apron Area: _____ sq yds

Number of Tie-downs for Transient Aircraft: _____ paved _____ unpaved

Number of Tie-downs for Based Aircraft: _____ paved _____ unpaved
Is there a waiting list for Tie-downs?_____
If so, how many aircraft are on the list? _____

g. Number of FBO's at Airport: _____

	FBO Name
FBO 1	_____
FBO 2	_____
FBO 3	_____
FBO 4	_____

h. Fuel Storage Capacity (gallons): _____Avgas _____JetA

i. Auto Parking:

	Number of Spaces
Terminal	_____
GA	_____
Employee	_____
Total	_____

7. BASED AIRCRAFT

Current Based Aircraft

	T-Hangar	Conventional	Tie-down	Total
Single Engine Piston				
Multi-Engine Piston				
Turbo-Prop				
Jet				
Civil Helicopter				
Military – Fixed Wing				
Military – Helicopter				
Other (gliders, experimental)				

8. CURRENT OPERATIONAL DATA

Definitions: **Operation:** an aircraft takeoff **or** a landing

a. Busiest Month for Airport: _____

b. Typical Peak Hour Operations in Busiest Month: _____

9. AIRPORT TRENDS

a. Over the last five years, please describe the general trends experienced in the following categories:

	Significant Increase	Increase	About the Same	Decrease	Significant Decrease
Level of Commercial Passenger Activity					
Level of Cargo Activity					
Level of GA Business/Corporate Activity					

Level of GA Training/Student Activity	_____	_____	_____	_____	_____
Level of GA Recreational Activity	_____	_____	_____	_____	_____

b. Over the next five years, changes are anticipated in the following categories:

	Significant Increase	Increase	About the Same	Decrease	Significant Decrease
Level of Commercial Passenger Activity	_____	_____	_____	_____	_____
Level of Cargo Activity	_____	_____	_____	_____	_____
Level of GA Business/Corporate Activity	_____	_____	_____	_____	_____
Level of GA Training/Student Activity	_____	_____	_____	_____	_____
Level of GA Recreational Activity	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____

10. AIRPORT PLANNING

a. Constraints to Future Airport Expansion (zoning, environmental concerns, local laws, ordinances, etc.):

_____

_____

_____

_____

b. Current Airport Improvements Underway: _____

_____

_____

_____

c. Future Airport Improvements Planned/Priority Projects: _____

_____

_____

_____

d. Airport Master Plan: ☐ Approved _____ (date) ☐ Underway _____ (status)

e. Airport Layout Plan: ☐ Approved _____ (date) ☐ Underway _____ (status)

f. Strengths of Airport in terms of its current and future status within Virginia's system of airports: _____

_____

g. Weaknesses that limit Airport's present and future development: _____

_____

h. Opportunities that could enhance the role played by the Airport: _____

_____

i. Threats that could jeopardize the Airport's ability to effectively fulfill its mission: _____

_____

j. Industry trends that might impact the Airport's future development: _____

_____

11. AIRPORT ADEQUACY

a. Note the Adequacy of the Following. (Please Note "N/A" as appropriate)

	Totally Adequate	Reasonably Adequate	Neutral	Somewhat Inadequate	Totally Inadequate
Runway Length					
Runway Width					
Airfield Pavement Condition					
Runway Instrumentation					
Taxiway Layout					
Taxiway Width					
Taxiway Pavement Condition					
Airfield Lighting					
Airfield Signage					
Airfield Capacity					
Aircraft Parking/Storage Capacity					
Auto Parking					
Taxi Service					
Rental Car Service					
Availability of Courtesy Car					
Surface Access					
Integration of Multi-Modal Transportation Modes					
Terminal/FBO Size					
Terminal/FBO Condition					
Aviation Fuel Storage Capacity					
Airspace Interactions with Other Airports					
Approach Surfaces					

b. Specific issues or explanation for the items listed as "Somewhat Inadequate" or "Totally Inadequate":

_____

_____

_____

_____

c. Name and position of person providing data: _____