

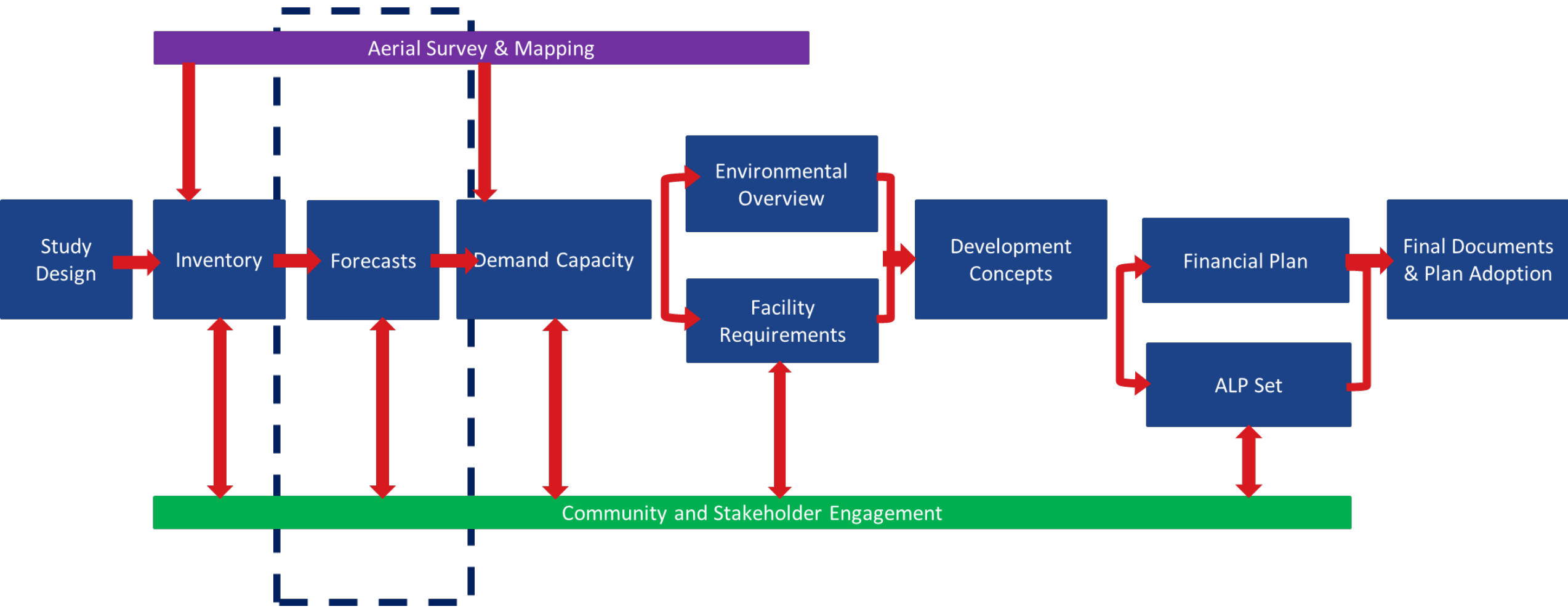
Newport News/  
Williamsburg International  
Airport(PHF)

AIRPORT MASTER PLAN UPDATE  
INVENTORY AND FORECAST UPDATE

Public Open House  
Newport News, Virginia  
December 14<sup>th</sup>, 2023



# PROJECT OVERVIEW - FLOW CHART

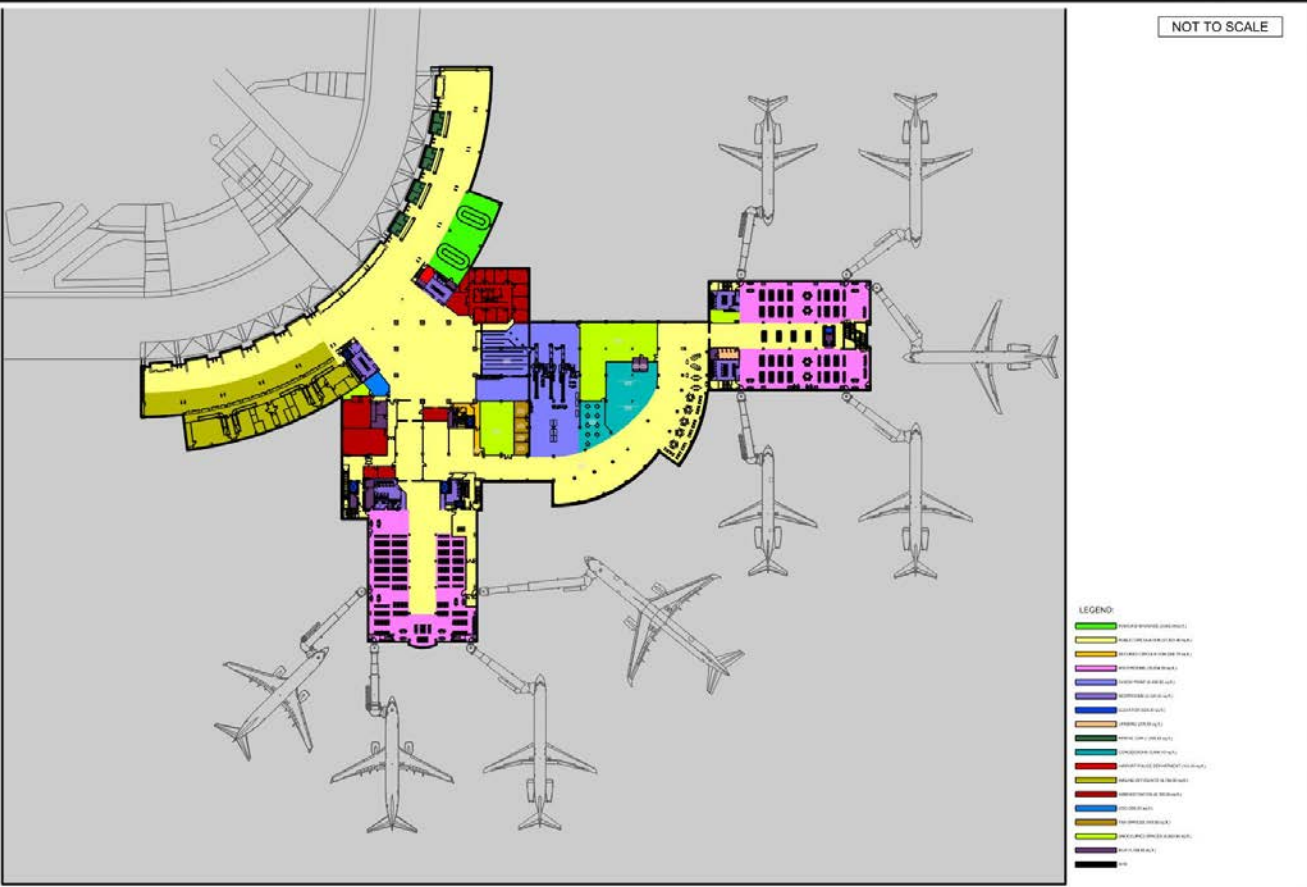


# AIRPORT INVENTORY QUICK FACTS



- ✂ Commercial service airport serving metropolitan Newport News and surrounding areas.
- ✂ Owned by the Peninsula Airport Commission.
- ✂ Encompasses approximately 1800 acres of land.
- ✂ Two runways: intersect near the Runway 7 and Runway 2 ends.
- ✂ Runway 7-25 equipped with ILS with Runway 7 also having an approach lighting system.
- ✂ Three sites, totaling 222 +/- acres, have been identified for additional Commercial Development.
- ✂ One airline currently operate at PHF (i.e., American Airlines operated by Piedmont Airlines)
- ✂ In 2022, approximately 61,204 passengers flew out of Newport News/ Williamsburg International Airport with 3,762 operations.
- ✂ In 2022, there were 137 based aircraft and 42,606 operations.

# AIRPORT INVENTORY - TERMINAL BUILDING



- ✂ Airline Counters
- ✂ Car Rental Counters
- ✂ Offices
- ✂ Terminal Core
  - ✂ Passenger Checkpoint
  - ✂ Concourse A: 4 gates
  - ✂ Concourse B: 7 gates
  - ✂ Holdrooms
  - ✂ U.S. Customs Facility
- ✂ Baggage (Inbound and Outbound)
- ✂ Concessions
- ✂ Restrooms
- ✂ Elevators

# AIRPORT INVENTORY -SUPPORT FACILITIES



- ✂ Airport Maintenance
- ✂ Aircraft Rescue and Fire Fighting Facilities
- ✂ Ground Access and Circulation
- ✂ Vehicle Parking = 2,034 spaces
  - ✂ Parking Garage
  - ✂ Newport News Lot
  - ✂ Williamsburg Lot
  - ✂ Yorktown Lot
  - ✂ Gloucester Lot
- ✂ Employee lots
- ✂ Tenant Lots
- ✂ Commercial Development Areas

# ENPLANEMENT FORECAST TAF COMPARISON

**\*DRAFT Pending Agency Approval**

Forecast Year	Low Scenario	Baseline Scenario	High Scenario	FAA TAF
	Slowed Growth Low	Market Share VA Demand Baseline	ULCC and Legacy Growth High	TAF 2023
2023	48,923	48,923	48,923	84,481
<b>2024</b>	<b>62,250</b>	<b>62,250</b>	<b>62,250</b>	120,195
<b>2025</b>	<b>75,393</b>	<b>75,393</b>	<b>75,393</b>	130,685
2026	76,449	88,036	95,543	132,299
<b>2027</b>	<b>77,519</b>	<b>101,016</b>	<b>116,313</b>	<b>133,802</b>
2028	78,604	114,442	137,814	135,311
2029	79,705	128,280	160,012	136,809
2030	80,820	135,933	182,998	138,309
2031	81,952	138,308	206,593	139,784
<b>2032</b>	<b>83,099</b>	<b>140,786</b>	<b>231,058</b>	<b>141,306</b>
2033	84,263	143,175	256,094	142,750
2034	85,442	145,592	281,888	144,219
2035	86,638	148,123	309,407	145,754
2036	87,851	150,727	314,847	147,283
2037	89,081	153,420	320,471	148,862
2038	90,328	156,231	326,344	150,506
2039	91,593	159,010	332,149	152,116
2040	92,875	161,902	338,190	153,791
2041	94,176	164,720	344,075	155,406
<b>2042</b>	<b>95,494</b>	<b>167,633</b>	<b>350,160</b>	<b>157,045</b>

**Baseline Scenario is the preferred Forecast**

# PREFERRED FORECAST SUMMARY

**\*DRAFT Pending Agency Approval**

	Existing	Forecasted Period			
Year	2022	2023	2027	2032	2042
Enplanements	61,204	48,923	101,016	140,786	167,633
Air Carrier Operations	3,762	3,009	6,218	7,948	7,948
Single engine	84	85	87	90	97
Multi engine	17	17	18	18	20
Jet	36	36	37	39	41
Helicopter	0	0	0	0	0
Glider	0	0	0	0	0
Military	0	0	0	0	0
Ultra-Light	0	0	0	0	0
Annual Based Aircraft	137	138	142	147	158
Annual General Aviation Total Operations	42,606	42,779	43,479	44,370	46,206
Local Split (50%)	22,225	22,315	22,680	23,145	24,103
Itinerant Split (50%)	20,381	22,464	20,799	21,225	22,103

# CRITICAL AIRCRAFT COMMERCIAL/ GA/ POTENTIAL CARGO

Bombardier CRJ - 700



## Commercial Aircraft

- Existing critical aircraft is the Embraer 145, with an ARC of C-II.
- Future critical aircraft has been identified to be the CRJ - 700, with an ARC of C-III.

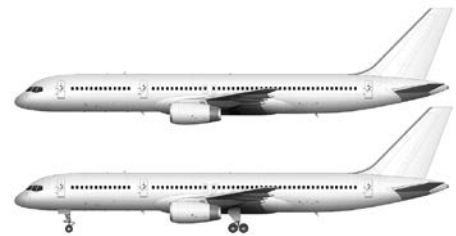
Boeing 737-700 (BBJ)



## General Aviation Aircraft

- The family of turbine and jet aircraft have been identified to have a combined ARC of C-III
- The 737-700 Boeing Business Jet (BBJ) has an ARC of C-III

Boeing 757-200



## Cargo Aircraft

- The future aircraft that has been identified as potential cargo critical aircraft is a 757-200
- The 757-200 has an ARC of C-IV