

Presentation to

The Community Airport Committee



for the

Airport Feasibility Study



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AGENDA

- INTRODUCTIONS
- OVERVIEW OF SCOPE OF SERVICES
- PROJECT SCHEDULE
- COMMUNICATIONS PLAN
- DRAFT AIRPORT SURVEYS
- COMMITTEE - ORGANIZATION

Who Is Kimball?

- Founded in 1953 – Celebrating 50+ Years of Service
- Headquartered in Ebensburg, PA,
Regional Offices in Richmond and Vienna, VA
Others in FL, PA, NJ, NY, TN, & WV
- 550+ Employees
- Past & Present Projects in Virginia
- ENR Top 200 Firm
- Dedicated Airports Group
- Full Range of Airport Services
- Pertinent Planning and
Development Project
Experience



Full Service Aviation Planning

- Planning/Site Feasibility Analysis
- Grant Administration
- Mapping
- Obstruction & Approach Surveys
- Environmental – EDDA & NEPA
- Airport Economic Impacts
- Land Use Planning & Analysis
- Airport Business Plans
- Airport Management Tools



SCOPE OF SERVICES

→ Task 1 - Project Organization and Coordination

☞ Subtask 1.3: Public Participation

- Establish a Community Airport Committee
- Web Page

SCOPE OF SERVICES

→ Task 2: Feasibility Study

☞ Subtask 2.1: Inventory of Existing Conditions

- Conduct an Inventory
- Survey Questionnaire
- Environmental Overview

➤ Subtask 2.2: Determine Aviation Demand

➤ Subtask 2.3: Conduct Economic Value Evaluation

➤ Deliverable #1: Develop Summary Report

SCOPE OF SERVICES

- ☞ Subtask 2.4: Define Airport Requirements
- ☞ Subtask 2.5: Alternatives Development
 - Status Quo Alternative
 - Local Acquisition of the Existing Williamsburg-Jamestown Airport
 - Utilize Other Existing Facilities
 - Develop a New Airport (Green Field Site)
 - Matrix
 - Deliverable #2: Develop Summary Report

SCOPE OF SERVICES

- Subtask 2.6: Conduct Alternatives Evaluation
- **Deliverable #3: Submit Completed Matrix and Report**
- Subtask 2.7: Draft Summary Report
- **Deliverable #4: Develop Draft Summary Report**
- Subtask 2.8: Develop Final Report
- **Deliverable #5: Develop Final Report**

James City County – Airport Feasibility Study

DRAFT --Table of Contents --DRAFT

Foreword – *Study Purpose and Objectives*

Chapter One – EXISTING CONDITIONS

- 1.1 Geographic Study Area
- 1.2 Socioeconomic Data
- 1.3 Land Use and Zoning
- 1.4 Environmental Overview
- 1.5 Area Aviation Facilities
- 1.6 Airspace Structure
- 1.7 User Surveys

Chapter Two – AVIATION FORECASTS

- 2.1 Existing Activity Projections
- 2.2 Forecast Refinement and Expansion
- 2.3 Critical Design Airplane Analysis
- 2.4 Forecast Summary

Chapter Three – AIRPORT SYSTEM ADEQUACY ANALYSIS

- 3.1 Analysis of Airport Service Areas
- 3.2 Aviation Forecast Distribution
- 3.3 Identification of Underserved Areas

Chapter Four – AIRPORT REQUIREMENTS ANALYSIS

- 4.1 Airport Reference Code Selection
- 4.2 Airside and Airspace Requirements
- 4.3 Landside Requirements
- 4.4 Airport Design Template
- 4.5 Financial Feasibility Considerations

Chapter Five – DEFINE ALTERNATIVES / CRITERIA

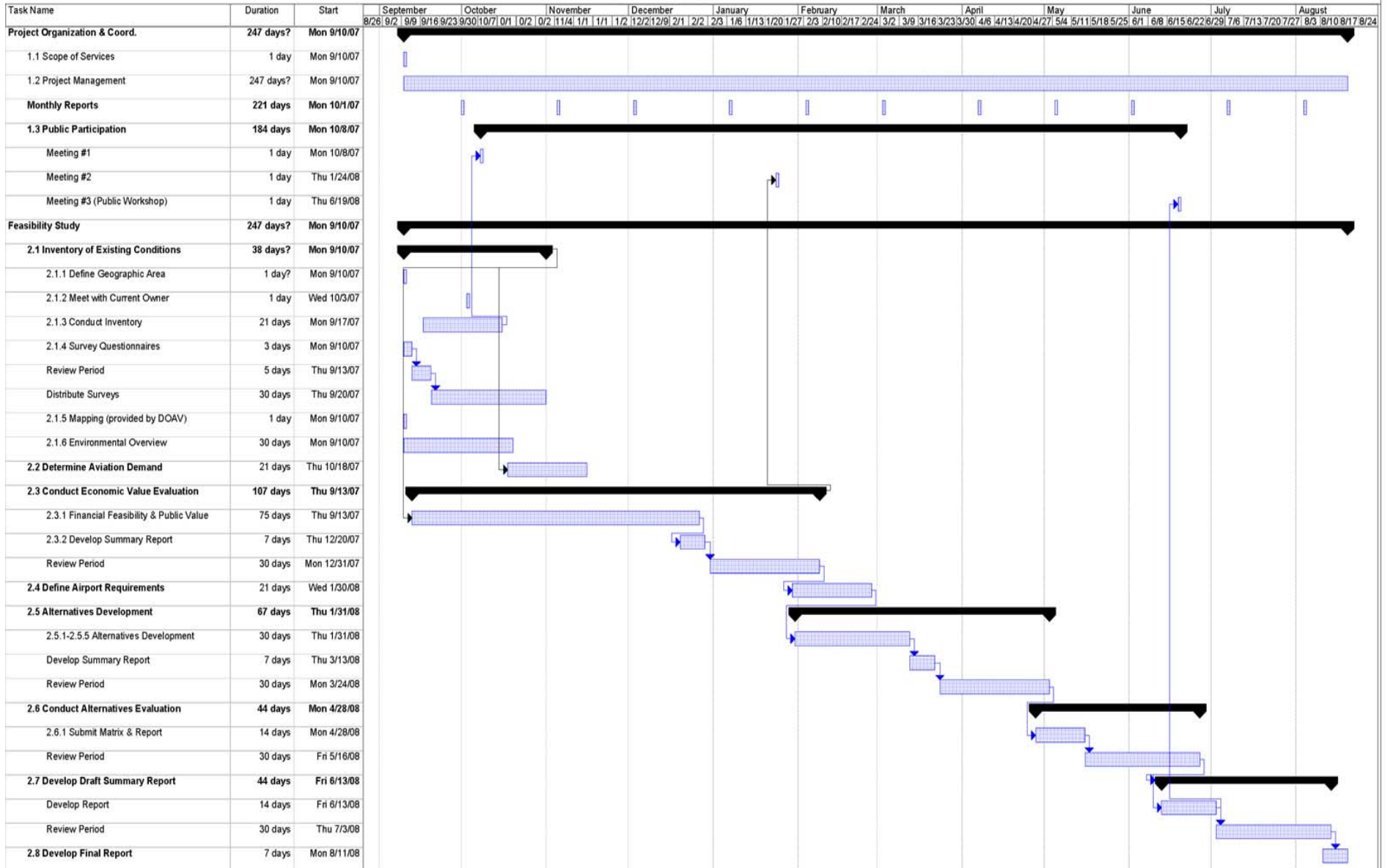
- 5.1 Status Quo Alternative
- 5.2 Williamsburg-Jamestown Airport Acquisition
- 5.3 Utilize Other Existing Airports
- 5.4 New Airport Alternative
- 5.5 Define Evaluation Criteria
- 5.6 Define Rating/Scoring Methodologies

Chapter Six – EVALUATION OF ALTERNATIVES

- 6.1 Conduct Alternatives Evaluation
- 6.2 Complete Findings Matrix
- 6.3 Complete Findings Discussion

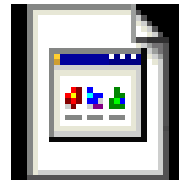


Project Schedule
James City County
Airport Feasibility Study



COMMUNICATIONS PLAN

- Community Airport Committee
- Web Page
 - ☞ FTP Site



07-0463 FTP Site.htm

DRAFT AIRPORT SURVEYS

- Three different survey forms have been developed to assist in gathering information from existing Airport Users
 - ☞ Based Aircraft Owner Survey
 - ☞ Visiting Aircraft Pilot Survey
 - ☞ Renter Pilot Survey

**BASED AIRCRAFT OWNER SURVEY
WILLIAMSBURG-JAMESTOWN AIRPORT (JGG)**

James City County is in the process of conducting an Airport Feasibility Study to evaluate aviation demand and assess the need for improved airport facilities in the James City County Area.

To assist in that process, it is important that we have an understanding of the types of aircraft that use JGG, as well as identify any operational concerns and/or suggestions users of the Airport may have.

It would be greatly appreciated if you would take a moment and provide the following information:

1) Your Name: _____ 2) N-Number _____
(PLEASE PRINT)

3) Type Aircraft: _____
(Please be specific: Cessna 182 Skylane; Piper Saratoga, etc.)

4) Please indicate the approximate number of hours per year this aircraft is flown: _____

5) This aircraft is normally used for: _____ % Business
_____ % Personal
_____ % Instruction
_____ % Proficiency
_____ % Other (please specify) _____

6) There are two basic types of operations – “itinerant” and “local”. Itinerant operations can be viewed as consisting of those operations that either begin or end at an airport other than JGG. All other operations can be considered local, (including “touch and go”) operations.

With these definitions in mind, please indicate the estimated number of operations (takeoffs plus landings) that the aircraft performed at JGG during the past 12 months.

_____ # Local operations _____ # Itinerant operations

7) If the Williamsburg –Jamestown Airport (JGG) were to be no longer available in the future to accommodate your aircraft, you would: (please check one).

A) ___ Relocate my aircraft to another Airport - (Please indicate which other Airport _____).

B) ___ Sell my aircraft.

C) ___ Other – Please Explain _____.

8) Do you experience any aircraft operating restrictions due to runway length or other problem(s) when operating at JGG?

- YES
 - NO

9) If yes, please explain: _____

PLEASE SEE REVERSE SIDE



**VISITING AIRCRAFT PILOT SURVEY
WILLIAMSBURG-JAMESTOWN AIRPORT (JGG)**

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To assist in that process, it is important that we have an understanding of the types of aircraft that use JGG, as well as identify any operational concerns and/or suggestions users of the Airport may have.

It would be greatly appreciated if you would take a moment and provide the following information:

1) Your Name: _____ 2) N-Number _____
(PLEASE PRINT)

3) Type Aircraft: _____
(PLEASE BE SPECIFIC: CESSNA 182 SKYLANE, PIPER SARATOGA, ETC.)

4) From What Airport Did Your Flight Into Williamsburg-Jamestown Airport Originate? _____

5) Purpose of Flight (check as appropriate):
_____ Business _____ Proficiency
_____ Personal _____ Instruction
_____ Vacation _____ Military
_____ Air Taxi (carrying passengers)
_____ Air Taxi (carrying cargo)
_____ Other (please specify) _____

6) Number of persons (include passengers and crew) on board: _____.

7) On an annual basis, how often do you use the Williamsburg-Jamestown Airport? _____

8) If the Williamsburg-Jamestown Airport (JGG) were to be no longer available in the future to accommodate your flight operations, you would: (please check one)

- A) _____ Fly To Another Area Airport - (Please Indicate Which Other Area Airport _____).
- B) _____ Drive (as opposed to flying) to conduct the trip.
- C) _____ Other - Please Explain _____

9) Do you experience any aircraft operating restrictions due to runway length or other problem(s) when operating to/from JGG?

- YES
- NO

10) If yes, please explain: _____

PLEASE SEE REVERSE SIDE



11) Other operational needs or comments: _____

12) Please sign and date below (optional)

SIGNATURE DATE

Company _____

If you are willing to be contacted for additional information, please provide your phone number here _____.

THANK YOU!

Please return the completed form to the Airport Manager or mail to:

Mr. Bill Porter
Assistant County Administrator
James City County
P.O. Box 8784
Williamsburg, VA 23187



**RENTER PILOT SURVEY
WILLIAMSBURG-JAMESTOWN AIRPORT (JGG)**

James City County is in the process of conducting an Airport Feasibility Study to evaluate aviation demand and assess the need for improved airport facilities in the James City County Area.

To assist in that process, it is important that we have an understanding of the types of aircraft that use JGG, as well as identify any operational concerns and/or suggestions users of the Airport may have.

It would be greatly appreciated if you would take a moment and provide the following information:

- 1) Your Name: _____ 2) N-Number _____
(PLEASE PRINT)
- 3) Type Aircraft you most often rent at JGG: _____
- 4) Approximate hours per year JGG rental Aircraft are flown by you _____
- 5) This aircraft is normally used for: _____ % Business
_____ % Personal
_____ % Instruction
_____ % Proficiency
_____ % Other (please specify) _____

- 6) There are two basic types of operations – “itinerant” and “local”. Itinerant operations can be viewed as consisting of those operations that either begin or end at an airport other than JGG. All other operations can be considered local, (including “touch and go”) operations.

With these definitions in mind, please indicate the estimated number of operations (takeoffs plus landings) performed by you in rental aircraft at JGG during the past 12 months.

_____ # Local operations _____ # Itinerant operations

- 7) If the Williamsburg-Jamestown Airport were to be no longer available in the future to accommodate your flight activity, you would: (please check one).

- A) _____ Rent Aircraft at another area airport - (Please indicate which other area airport _____).
- B) _____ Drive (as opposed to flying) to conduct various trips.
- C) _____ Other – Please explain _____

- 8) Do you experience any aircraft operating restrictions due to runway length or other problem(s) when operating at JGG?

- YES
 - NO

- 9) If yes, please explain: _____

PLEASE SEE REVERSE SIDE

- 10) Other operational needs or comments: _____



COMMITTEE - ORGANIZATION

- Chair
- Dates and times for future meetings with Consultant

Presentation to

The Community Airport Committee

for the



Airport Feasibility Study

Thank You!



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