Presentation for NAIP 2008 Post Mortem

Date: **November 19th, 2008**
Location: **APFO**

Presented by: George Halley, NAIP Project Manager
Jason Caldwell, Director of Strategic Accounts

Agenda

Sanborn Scope of Work

Performance Review

Specific Answers to APFO

Forecast for 2009 NAIP

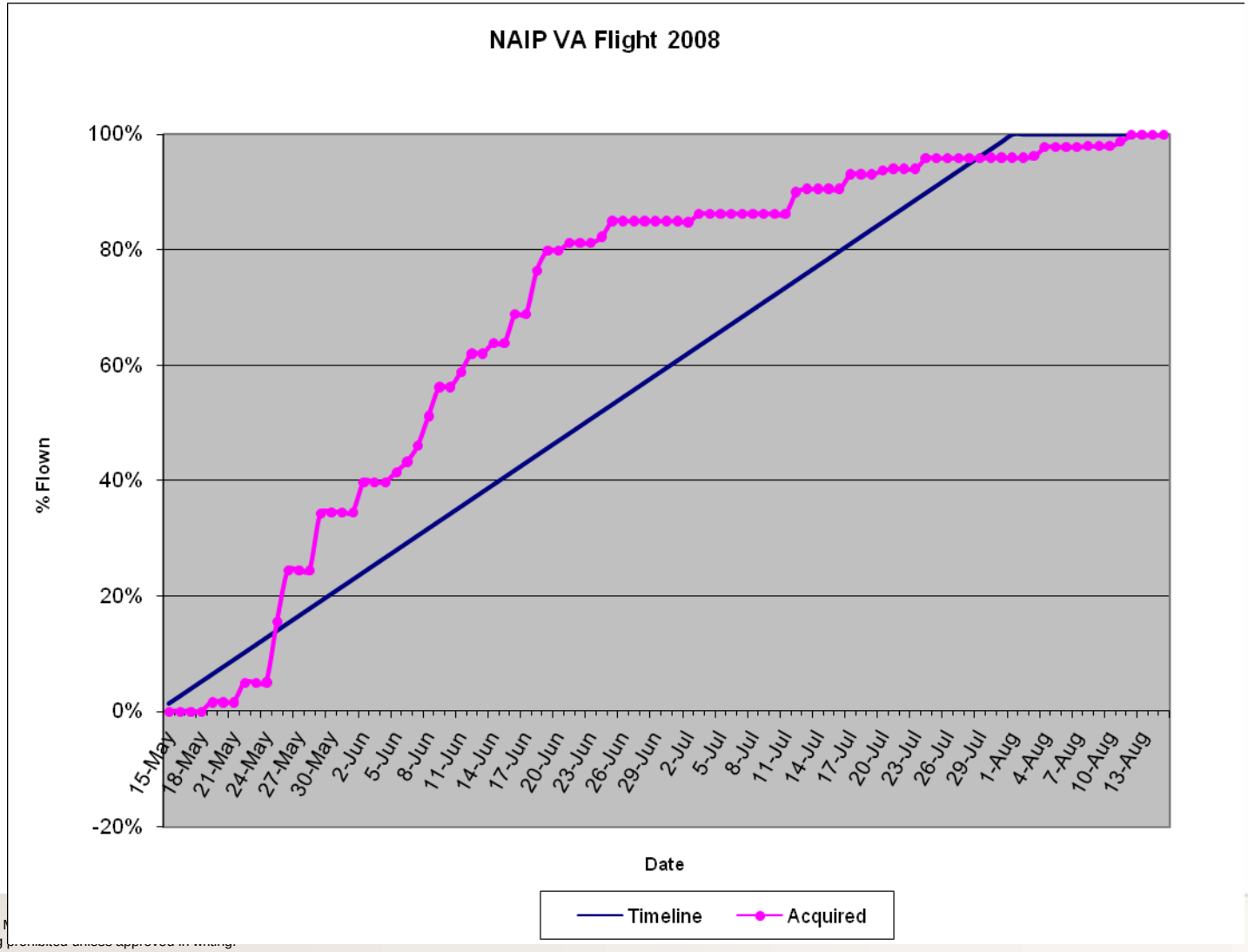
Recommendations

Scope of Work

- State of Virginia (entire state)
  - Requirements
    - 1-meter resolution
    - 4-band J2000 deliverable
    - Acquisition Schedule: May 15th – August 15st
    - Final Delivery Schedule for CCM: Sept 14th
    - Final Delivery Schedule for DOQQ: Sept 29th
  - Acquisition via Z/I DMC
    - Five aircraft and sensors were used
      - 4 Sanborn sensors
      - 1 Sub-Contractor
  - Aerial Triangulation and Ortho Production
    - Completed by Imagery Services West (Colorado Springs)

Review of the 2007 NAIP Performance

- Majority of project completed by July 4th.



Review of the 2007 NAIP Performance (Production)

- Final accuracy was 3.16 meters at NSDAA – 95%
- Produced using APS due to 4 band requirement
- CCM production, except Seamline Shapefile, done by Aug 31
  - Initial Delivery was completed on 9/12
  - Required second delivery of Seamline Shapefile metadata.
- DOQQ production done in 2 weeks
  - Initial Delivery was completed on 10/08
  - Reported 688 histogram failures due to terrain
- CIR balanced to RGB settings

Specific Answers

- 2008 Self Assessment
- JPEG 2000
  - LizardTech Geoexpress 7.0 command line (Kakadu)
- Absolute Control
  - No Issues
- Seamline Shapefile
  - Additional costs this year to develop scripts
  - Reduce final quality in an effort to eliminate small polygons

Forecast for 2009 NAIP

- Sanborn Team Capacity Increased
  - Addition of one Turbine within Sanborn fleet
  - Key subcontractors upgraded to Turbine aircraft and bought DMC
  - Possibility of additional UltraCam subs this year
- Unknown Fuel or Recession Impact on Prices
- Three primary production facilities
  - Sanborn Imagery Services West (Colorado)
  - Sanborn Imagery Services Central (St. Louis)
  - Sanborn Imagery Services East (Charlotte)
- 400,000 square miles of acquisition and production capacity

Suggestions

- 16 bit J2000
- DOQQ list of radiometric skewed areas and NED issues
- Daily Status based on Flight Plans, not DOQQs