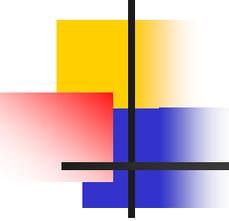


Aerial Services Inc.

**Brief Overview of
NAIP 2005 Participation**

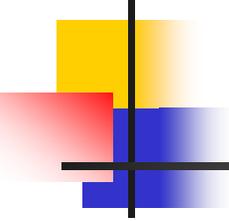


Awarded Project Areas



- Minnesota
 - 2m – 5,889 DOQQ
 - 11,937 Exposures
 - 87 Counties

- Iowa
 - 2m – 4,181 DOQQ
 - 8,389 Exposures
 - 99 Counties



Time Line of Start

- March 28-April 1:
 - Onsite Training of Sub-contractors
 - Scan - AT - Ortho Production
- May 21: Official Notice of Award
- June 1: Start of Minnesota Fly Window
- June 15: 1st Day of Minnesota Acquisition
- June 15: Start of Iowa Fly Window
- June 23: 1st Day of Iowa Acquisition



Team ASI – Photo Acquisition

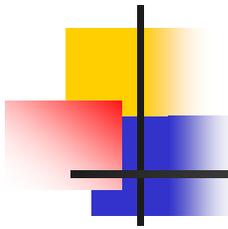
- Only used four of the eight aircraft available
- No extensions needed
- ABGPS collected for all exposures



Flight Summary

Project Area	First Day of Photography	Last Day of Photography	Number of Days Actually Used for Acquisition	Number of Days in Season	% of Allowed Days Flown	Extension Reasons
Minnesota	06/15 [06/01]	08/28 [08/31]	27	92	28.3%	No Extensions Finished 3 days early
Iowa	16/23 [06/15]	08/29 [09/15]	27	93	28.0%	No Extensions Finished 18 days early

Dates in brackets are actual contract dates for project areas



Number of Days Flown

Year	Total # of Days from start of flight to finish: IA and MN	Avg. # of Days flown per aircraft
2005	107	22
2004	88	23
2003	94	26

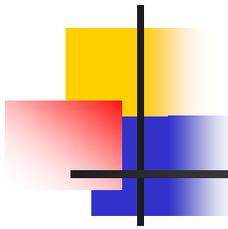


Photo Acquisition: Daily Maximums

Year	Maximum # of Miles Flown in one day by one aircraft	Maximum # of Exposures Flown in one day by one aircraft	Number of DOQQ's Covered
2005	1,835	850	424
2004	1,488	689	344
2003	1,244	576	288

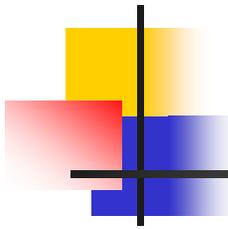
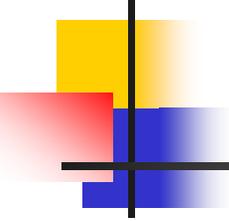


Photo Acquisition: Daily Averages

Year	Avg # of Exposures Flown per day/per aircraft	Avg # of DOQQ Covered per day/per aircraft	Avg # of Miles: per day/per aircraft
2005	288	144	622
2004	236	118	510
2003	206	103	445



Team ASI Per Aircraft Averages

Year	Average Exposures per Aircraft per Season	Average DOQQ's per Aircraft per Season	Average # of Miles per Aircraft per Season
2005	5,265	2,633	11,368
2004	5,560	2,780	12,010
2003	5,297	2,649	11,442

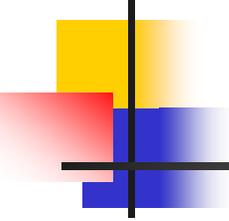
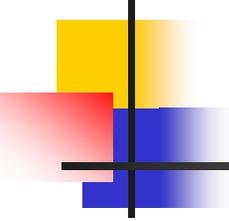


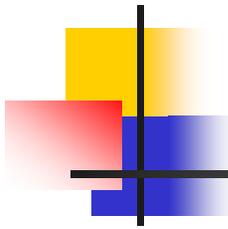
Photo Acquisition Problems

- Nothing to speak of – normal stuff



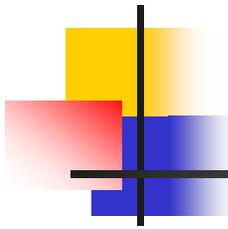
Team ASI Scanning

- Scanning:
 - Multiple site locations – Subs given base scan to match
 - Five of eight scanners available were used
 - Capacity used 60-75%
 - FTP site and USB Hard Drives used to share data between ASI and Sub-contractors
- ASI purchasing new scanner



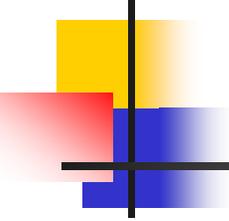
Team ASI Analytics

- Used 25% of ASI analytic capacity
- ASI visited each site for pre-project training
- All production facilities using same software
- Avg. block size contained +/- 500 frames
- Turn Around Time Per Block: 24 hours
- Data pulled from sub-contractor and completed by ASI to facilitate faster delivery



Team ASI Ortho Production

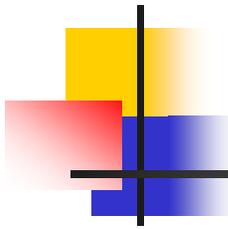
- Database - On going improvements
 - Sub-contractors were able to utilize real-time database
- ASI did all of Iowa and a portion of Minnesota
- Subs did the remainder of Minnesota Orthorectification
- ASI capacity was under utilized due to contracts with sub-consultants
- Mosaicking and tonal balancing of data from multiple sites - few problems due to pre-training



Team ASI: Delivery Summary

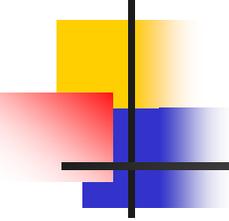
Project Area	1 st Delivery of CCM	Last Delivery of CCM	CCM Early Delivery	Last Delivery of Final Deliverables DOQQ's	DOQQ Early Delivery	Final Delivery Film	Film Early Delivery
MN 87 counties	08/24	9/21/05 [9/30/05]	9 days	09/29/05 [12/29/05]	90 days	09/27/05 [12/29/05]	92 days
IA 99 counties	07/28	9/12/05 [10/15/05]	34 days	09/19/05 [01/13/06]	117 days	09/27/05 [01/13/06]	108 days

Dates in brackets are actual contract dates for project areas



Fuel Price Increase by Year

Year	Avg. Fuel Prices	Fuel Cost Increase from Previous Year
2002	\$2.55	
2003	\$2.80	8.93%
2004	\$3.01	6.98%
2005	\$5.18	41.89%



Questions–Discussion–Suggestions

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