



2005 LiDAR

Post Flight Reports

Subcontract No. 033105PAR
Contract Data Item 2005 LiDAR-02

June 29, 2005

Prepared for:

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REVISION RECORD			
REVISION	DATE	DESCRIPTION & PAGE AFFECTED	AUTHOR
	6/29/05	Original Submittal	EarthData Spectrum Mapping

PREFACE

The Post Flight Report represents the second milestone deliverable under the 2005 LiDAR Project. The Post Flight Report(s), contained herein, describe the results of performing the aircraft/crew deployments, setup of calibration sites, and aerial collection in accordance with the collection requirements. Inputs to the Post Flight Report were provided by EarthData and Spectrum Mapping for their respective collection areas of responsibility. The reports compiled by EarthData and Spectrum were reviewed and modified based on PAR requested clarifications, and the final reports were approved by PAR.

All project areas were successfully (100%) collected in accordance with the requirements and flight plans. The only major variation to the original plan was regarding the aerial collection for Chemung project area. Given the limited timeframe for the aerial collection, coupled with inclement weather conditions early in the collection window, Spectrum requested EarthData to provide an additional aircraft/crew to support the aerial collection for the Chemung project area. The aerial collection timeframes for each of the project areas are summarized in the following table. Details regarding the base stations, GPS factors, flight lines, and other collection parameters are included in the enclosed reports.

Project Area	Square Miles	Aerial Survey Firm	LiDAR Sensor System	Collection Dates (Spring 2005)
Ulster	620	Spectrum	ALS 40	4/18, 4/22, 4/26, 4/28, 4/29, 5/1, 5/2, 5/5, 5/6, 5/9, 5/10
Onondaga	331	EarthData	ALS 50	4/26, 5/5, 5/6
Dolgeville	55	Spectrum	ALS 40	5/9
Chemung*	361	EarthData*	ALS 50	5/5, 5/6
Cortland	501	EarthData	ALS 50	4/26, 5/5, 5/6, 5/7

* Spectrum responsibility, re-assigned to EarthData for aerial collection.



Post Flight Report

Subcontract Report # ED002

For Subcontract # SCPAR-05-311256-75253

May 31, 2005

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Post Flight Report

Subcontract Report # SM002

For Subcontract # SCPAR-05-311256-75252

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