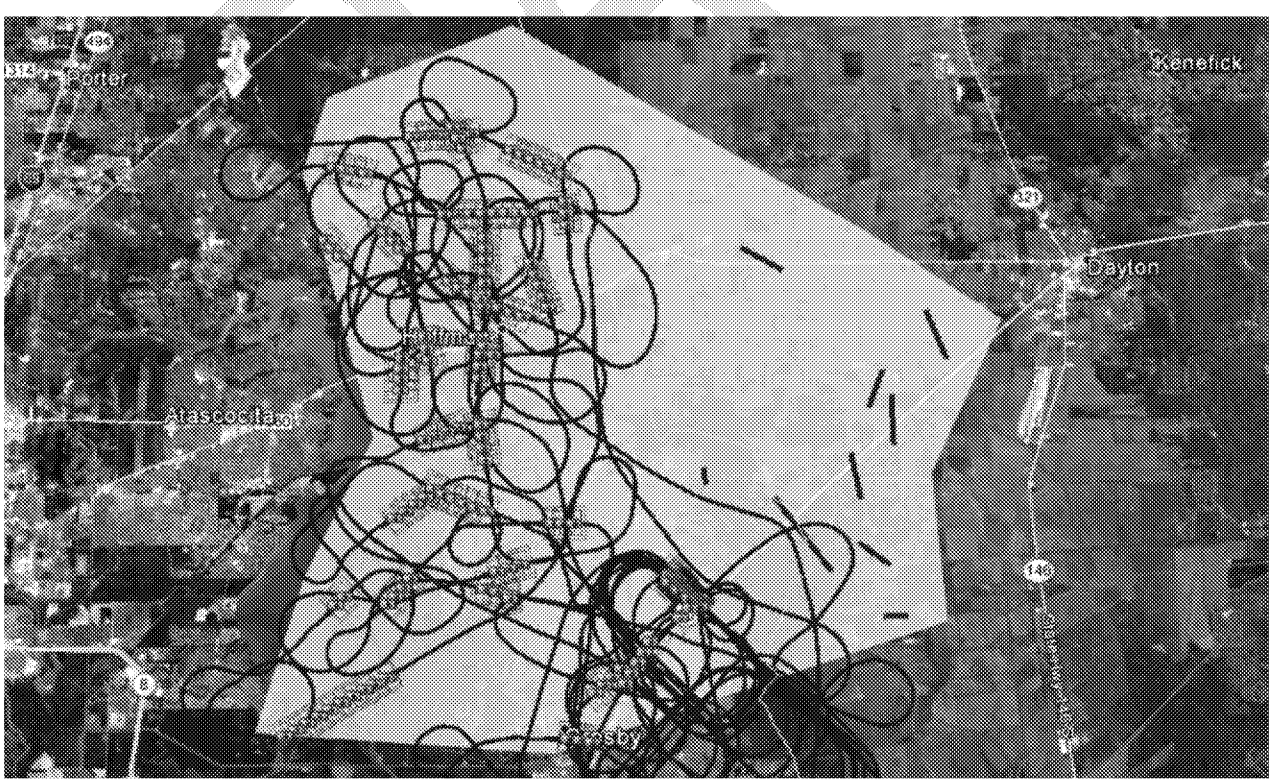
2017 ASPECT Report
Rapids Needs Assessment

Hurricane Harvey



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1 Background

On 30 August 2017 at 0445 hrs the US EPA Region 6 On-Scene Coordinator Byrant Smalley contacted ASPECT Program Manager, Dr. Mark Thomas, to activate the ASPECT aircraft and respond to the Arkema facility explosion located in Crosby, Texas. The facility produces liquid organic peroxides that are used mainly in the production of plastic resins. The explosion was a result of a loss of refrigeration in temporary storage trailers. By 3 September 2017, all the remaining trailers containing benzoyl peroxide were destroyed by controlled burns.

The ASPECT mission converted from Emergency Response to Rapid Needs Assessment (RNA) on 3 September 2017 and remained in this mode until completion of the deployment on 11 September 2017. The core of the mission consisted of the collection of both high resolution photography and remote chemical sensing over target sites provided by the Region. These sites corresponded to water treatment, wastewater treatment and Risk Management Plans (RMP) sites within the Texas counties impacted by the storm. A figure showing the extent of these sites is given in Figure 1. Overall priority for addressing the locations was provided by the Operations Chief, OSC Brescia; the initial focus was to survey locations most likely impacted by the storm/floating which included those sites nearest to the Gulf. Management of the sites and specific mission targeting was accomplished by creating a set of geographical zones internally by the ASPECT reachback team. The general design was based on proximity to the aircraft base of operation, duration of flight, flight restrictions (if any), and number of sites and is given in Figure 2.

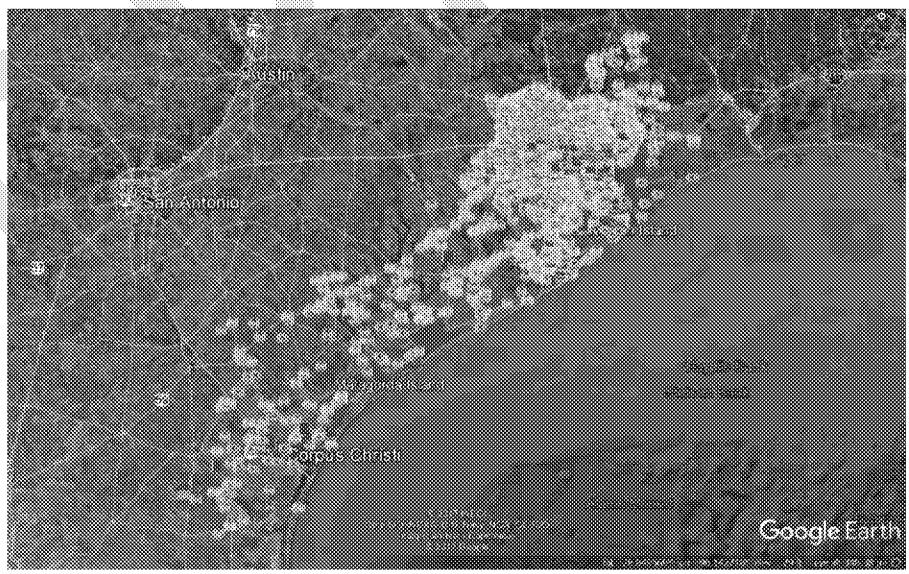

Figure 1. RNA Locations for ASPECT

ED_004042_00009093-00002

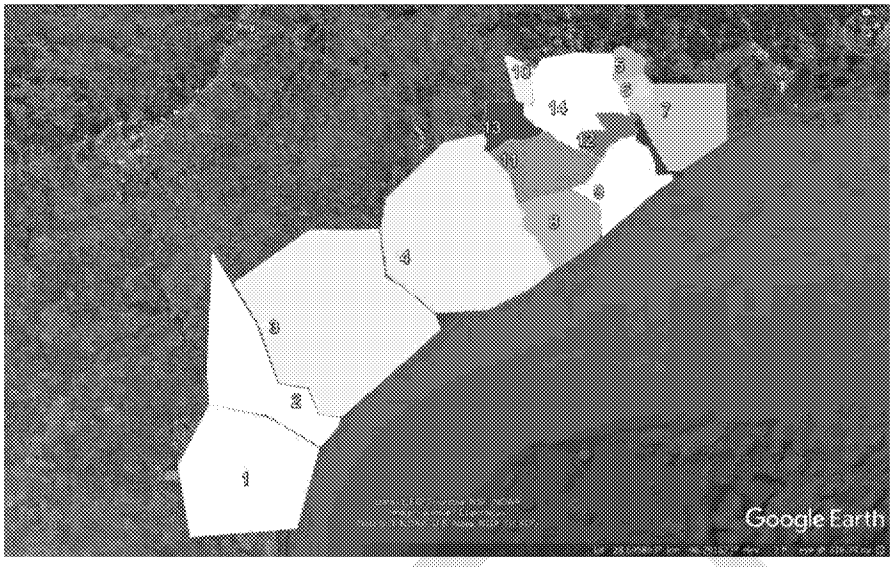

Figure 2. Harvey RNA Zone Map

2 ASPECT Description

The U.S. EPA ASPECT Program is the nation's only 24/7/365 emergency response airborne platform equipped with special chemical, radiological, and situational awareness instruments. ASPECT stands for Airborne Spectral Photometric Environment Collection Technology. It detects chemicals and radiation while collecting aerial photos and videos for situational awareness during an emergency (night or day). Critical information is automatically processed in the aircraft and transmitted via satellite to a team of highly skilled scientists who quickly review it before sending the results to decision makers on the ground. This can be done within 5 minutes. Because of its ability to quickly arrive onsite and turn data, ASPECT serves as an initial screening tool to help the field responders make more informed decisions based on actual measurements. ASPECT does not fly through the hazard or take air samples. All the information is collected from a safe distance using remote sensing technologies. It usually flies at about 3,000 ft above the ground but can fly much lower (or higher) if needed. A crew of four flies and operates the aircraft. The size of the reachback team varies depending on the type, size and scale of an emergency, and can provide support at the command post or from anywhere in the world via satellite communications and secure internet coordination.

3 Mission Status

Detailed summaries of ASPECT operations from 30 August 2017 through 11 September 2017 are given in Tables 1 and 2. Table 1 provides a summary of flight statistics based on flight number and date. Table 2 provides a target break down based on Zones flown.

ED_004042_00009093-00003

TABLE 1: Flight Statistics

Flight #	Date	Photographs		FTIR*	Videos		Comments	
		Aerial	Oblique		IR	Vis		
1	8/29/17						System Test	
2	8/30/17	[=39 \# "0"]	52	21,000	0	8	Arkema	
3	8/31/17	38	96	24,000	0	12	Arkema	
4	8/31/17	97	107	63,000	1	13	Arkema	
5	8/31/17	38	18	30,000	5	5	Arkema	
6	9/01/17	35	0	30,000	5	3	Arkema	
7	9/01/17	162	19	75,000	8	18	Arkema & Zone 5 RNA	
8	9/01/17	60	69	66,000	8	11	Fire ER	
9	9/02/17	222	5	108,000	3	22	Arkema & Zones 5 & 6 RNA	
10	9/02/17	88	26	45,000	5	10	Arkema & Zone 6	
11	9/03/17	0	0	24,000	11	0	Arkema Aborted Controlled Burn	
12	9/03/17	263	5	156,000	1	44	Zone 6 & 7 RNA	
13	9/03/17	67	376	54,000	3	14	Arkema Trailer Burn	
14	9/04/17	43	13	42,000	0	6	Zone 7 RNA	
15	9/04/17	152	0	156,000	0	50	Zone 4 RNA; Clouds delayed flight	
16	9/05/17	0	0	0	0	0	Weather delay	
17	9/05/17	162	0	171,000	0	57	Zones 4 & 8 RNA	
18	9/06/17	214	0	159,000	0	50	Zone 10 RNA	
19	9/06/17	81	0	102,000	0	35	Zone 8 RNA	
20	9/07/17	29	0	18,000	0	0	Valero Site	
21	9/07/17	120	0	147,000	0	60	Zone 8 RNA	
22	9/08/17	320	0	189,000	0	28	Beaumont Special	
23	9/08/17	71	0	48,000	0	19	State Special	
24	9/09/17	170	0	141,000	0	6	Zone 9 RNA	
25	9/09/17	195	0	171,000	0	97	Zone 9 RNA	
26	9/10/17	187	0	201,000	0	62	Zone 11 RNA	
27	9/11/17	114	0	108,000	0	41	Zone 14 RMP RNA	
28	9/11/17	97	0	96,000	0	33	Zone 14 RMP RNA	
TOTALS		[=SUM(ABOVE) \# "#,##0"]#	[=SUM (ABOVE) \# "#,##0"]	[=SUM(ABOVE) \# "#,##0"]	[=SUM(ABOVE)]	[=SUM(ABOVE)]		

* FTIR estimates were based on an average of 3,000 spectra per pass at a rate of 70 spectra per second.

ED_004042_00009093-00004

Some photos may not be viewable/usable due to poor lighting or weather conditions at the time they were taken.

TABLE 2: RNA Zones and Special Requests

Zone*	Target Type@	Target #s	Targets Surveyed	Comments
4	RMP	16	16	Matagorda & Wharton Counties
	DW	87	87	85 flight lines
	WW	17	17	Flight #s: 15, 17
5	RMP	1	1	E Harris and SW Liberty Counties & Arkema Site; 36
	DW	45	45	flight lines
	WW	4	4	Flight #s: 7, 9
6	RMP	11	11	E Harris County & South of Arkema Site
	DW	50	50	49 flight lines
	WW	10	10	Flight #s: 9, 10, 12
7	RMP	3	3	Chambers County
	DW	42	42	46 flight lines
	WW	15	15	Flight #s: 12, 14
8	RMP	10	10	SW Brazoria County
	DW	95	95	104 flight lines
	WW	9	9	Flight #s: 17, 19, 21
9	RMP	21	21	E Brazoria & most of Galveston County
	DW	79	79	89 flight lines
	WW	29	29	Flight #s: 24, 25
10	RMP	1	1	W Harris County
	DW	58	58	49 flight lines complete
	WW	21	21	Flight #: 18
Valero		1	1	Valero Refinery; Flight #20.
Beaumont Special		6	6	Beaumont, Port Arthur, and Orange Refineries 26 flight lines Flight #: 22
State Special		27	27	Several industrials sites north of Pasadena & south of Cloverleaf. Two sites near Texas City and Freeport. 12 flight lines Flight #: 23
RMP RNA		71	71	65 Flight lines Flight #s: 27, 28
TOTALS		RMP	134	Risk Management Sites
		DW	456	Drinking Water Sites

ED_004042_00009093-00005

Zone*	Target Type@	Target #s	Targets Surveyed	Comments
		WW	105	Wastewater Sites
		Other	34	Industrial sites requested by the State

@ RMP: Risk Management Plan; DW: Drinking Water; WW: Wastewater
* Zones 1 - 3 were cancelled on 3 September 2017.

4 Flight and Airspace Coordination

The ASPECT team and flight crew coordinated with a number of agencies as related to air space authorization and flight safety. Throughout the deployment the ASPECT crew flew under a Federal Aviation Administration (FAA) squawk code mandated due to several Temporary Flight Restrictions (TFR) active on various missions. In addition, the team coordinated with the U.S. Coast Guard and the Texas National Guard each day in an effort to reduce duplication of effort. Finally, the primary base of operation was Hobby field with Addison municipal serving as the backup and maintenance base.

5 Aircraft Capabilities used on this survey

Chemical Detection:
The US EPA ASPECT system collects airborne infrared (IR) images and chemical screening data from a safe distance over the site (about 3,000 ft AGL). The system consists of an airborne high speed Fourier transform infrared spectrometer (FTIR) coupled with a wide-area IR line scanner (IRLS). The ASPECT IR systems have the ability to detect compounds in both the 8 to 12 micron (800 to 1200 cm-1) and 3 to 5 micron (2000 to 3200 cm-1) regions. The 8 to 12 micron region is typically known as the atmospheric window region since the band is reasonably void of water and carbon dioxide influence. Spectrally, this region is used to detect carbon - non-carbon bonded compounds. The 3 to 5 micron region is also free of water and carbon dioxide but typically does not have sufficient energy for use. This band does show use in high-energy environments such as fires. The carbon - hydrogen stretch is very common in this region.

Photographic Capabilities:
A digital Nikon DX2 camera (12.4 mega pixel CMOS 3:5 aspect ratio, 28 mm wide-angle lens) collects visible aerial imagery as part of the core data product package. The camera timing system is connected to the primary IR sensors and provides concurrent image collection when other sensors are triggered. All imagery is geo-rectified using both aircraft attitude correction (pitch, yaw, and roll) and GPS positional information. Imagery can be processed while in flight or approximately 600 frames per hour can be processed once the data are downloaded from the aircraft.

An Imperx mapping camera (29 mega pixels; mapping focal plane array) provides a similar aspect ratio and aerial coverage. Like the Nikon DX2, it is connected to the primary IR sensors and provides concurrent image collection when other sensors are triggered. These

ED_004042_00009093-00006

images are often digitally processed in lower resolution so they can be transmitted via satellite communication. The high resolution images (>20 MB each) are pulled from the ASPECT after the sortie and are available at a later time.

All aerial photographic images collected by the ASPECT system are ortho-rectified and geospatially validated by the reachback team. In general, this consists of conducting geo-registration using a Digital Elevation Model (DEM) which promotes superior pixel computation and lessens topographic distortion. The image is then check by a team member (using a Google Earth base map) for proper location and rotation

Automated Processing

Data was processed using automated algorithms onboard the aircraft with preliminary results being sent using a satellite system to the ASPECT reachback team for QA/QC analysis. Upon landing and full data transmission, preliminary data results were examined and validated by the reachback team.

6 ASPECT chemical detection

Methodology

Chemical detection with the ASPECT system is accomplished using an open-path passive infrared spectrometer. Fundamentally, most organic compounds and some inorganic compounds have a unique IR signature (e.g., finger print). Specifically, ASPECT uses two "bands" of IR consisting of the 3 to 5 micron and the 8 to 12 micron atmospheric windows for chemical detection. The system uses the natural IR background of the ground surface as a reference and extracts the IR signature of vapors between the aircraft and the ground. In essence, the sensor counts the number of gas molecules of the target gas between the aircraft and the ground. Detection is then automatically accomplished using a software algorithm known as background suppressed pattern recognition. This algorithm has been programmed to automatically detect, identify, and estimate concentrations for up to 78 chemical compounds. An additional 500+ chemical compounds listed in several infrared spectrometry libraries (e.g., [HYPERLINK "https://secure2.pnl.gov/nsd/nsd.nsf/Welcome"]) can be manually assessed.

Detection limits and concentrations are derived from the sensor detection metric of "parts per million - meter (ppm-m)." This value relates a given concentration to an atmosphere that is one meter thick (e.g., assumes all the gas molecules are confined within one meter even though the aircraft has measured about 900 meters of atmosphere.) Therefore, a plume thickness has to be assumed to convert (ppm-m) to concentration (ppm). In the case of ASPECT, a 10 meter plume thickness is typically assumed which is consistent with an average plume size. The "ppm-m" number is then divided by the thickness resulting in ppm.

ASPECT Data Quality Objectives

From an operational perspective, ASPECT is a screening tool. It provides information that a chemical compound (in vapor phase) has been detected with an approximate location and its

ED_004042_00009093-00007

estimated concentration. It does not provide the altitude of where the gas was detected. For emergency response purposes, the most conservative assumption is to assume all the gas is in the breathing zone. Accordingly, ASPECT is one component and does not replace ground-based monitoring, where more sensitive instruments can be deployed to assess ground-based air concentrations. Furthermore, unless the release is constant with consistent weather conditions, it is highly likely the ground-based chemical concentration(s) will differ when ground-based assets arrive due to natural attenuation via dispersion and other weather conditions (i.e., stability class, rain, wind direction, etc.).

For Hurricane Harvey the Incident Command (IC) prioritized all targets for subsequent collection. In addition to chemical data, aerial images (both visible and IR) were collected and provided to the Situation Section for situational awareness. The Texas Commission on Environmental Quality (TCEQ) Toxicology Division (TD) through the Environmental Unit established a short-term health-based air monitoring comparison values (AMCV) for evaluating air monitoring data. It may not be not appropriate to compare ASPECT results or other air sampling results (e.g., 24-hour canister sample) to the short-term AMVC since the short-term AMCV is based on a one-hour exposure scenario. However, a comparison can be made to help decide where to deploy limited ground-based resources to assess potential chemical exposures in the area. Hurricane Harvey adversely impacted more than 5,000 square miles and the ASPECT quick chemical monitoring/screening capabilities can be used to help decision makers make more efficient use of ground-based assets to ensure human health and the environment are protected.

Table 3 lists the chemical compounds that are included in the TCEQ short-term AMCV spreadsheet (N=149) and in the ASPECT automated detection library (N=78).

Table 3: TCEQ short-term AMCV

Chemical Compounds	Short-term AMCV (ppm)	ASPECT Detection Limit (ppm)*
1,1,1-trichloroethane	1.7	1.9
1,1-dichloroethane	1.0	0.8
1,1-dichloroethylene	0.18	3.7
1,3-butadiene	1.7	5
1-butene	27	12
Acetone	11	5.6
Acrolein	0.0048	8.8
carbon tetrachloride	0.02	0.2
chloroform	0.02	0.7
chloromethane	0.5	1.1
Cumene	0.51	23.1
dichlorodifluoromethane	10	0.7
ethyl acetate	4	0.8
ethylene	500	5

ED_004042_00009093-00008

Chemical Compounds	Short-term AMCV (ppm)	ASPECT Detection Limit (ppm)*
isobutene	33	15
isoprene	0.02	6.5
methyl ethyl ketone	20	7.5
methyl tart-butyl ether	0.5	3.8
methylene chloride	3.4	1.1
n-butyl acetate	7.4	3.8
n-propyl acetate	2	0.7
naphthalene	0.095	3.8
propylene	Simple Asphyxiate	3.7
tetrachloroethylene	1	10
trichloroethylene	0.1	2.7
vinyl chloride	27	0.6

* Yellow cells indicates where ASPECT detection limit are above the short-term AMCV. Green indicates where ASPECT detection limits are below the short-term AMCV.

7 Data Results

ASPECT Data Structure

Several types of ASPECT data and/or products were generated as a result of the Harvey deployment including: (1) visible ortho-rectified aerial photographic images, (2)visible oblique geo-located photographic images (3) wide-area high spatial resolution infrared GIS maps, (4) processed infrared spectra showing vapor species identified, (5) maps showing the location of flight paths, and (6) processed chemical data.

ASPECT used onboard data processing to accelerate the delivery of data. Both photographic and chemical were processed while in flight status and a data package was extracted from the aircraft using the satellite data system to provide timely situation updates concerning the overall flight mission. All data was reviewed by the ASPECT reach back team upon full transmission of the data set and once this process was completed, the data was transferred to the Region for use. Typically, data collected on a given day was available for use by the Region on the following day. The raw and processed data collected as part of the deployment was stored on secure File Transfer Protocol (FTP) sites which was also used by the Region and other authorized users for overall data management. Final data products provided to the Region include both Google Earth and ESRI types. A summary of the data structure and types is given in table 4.

Table 4: Data File Structure

Main subdirectory labeled with Date and Flight number	
File	Contents
DIGITALS Photography	**Raw NADAR aerial digital photography data and event (shutter) times.**

ED_004042_00009093-00009

FTIR	**Raw FTIR spectral data**	
GPS	**Raw GPS positional data and inertial navigation data**	
IRLS	**Raw line scanner data**	
OBLIQUES	**Raw oblique aerial digital photography data**	
Video	**AVI based visible and/IR video depending on time of day or application.**	
PROCESSED DATA	**Processed data consisting of:**	
	Processed Digitals	**Ortho-rectified NADAR color photography** **JPG, KML, and JPG2000 formats**
	Processed FTIR	**Georectified chemical detections** **Text data package**
	Processed IRLS	**Georectified 3-band IR imagery** **JPG, KML, and JPG2000 formats**
	Processed Obliques	**Georeferenced color oblique photography**
Reports	**Completed mission reports and mission updates**	

Access to ASPECT Data

All ASPECT data was provided in both a Google Earth and ESRI format. The following section provides a set of instructions on how to access and use the ASPECT data using the Google Earth n-link. Instructions on using the ESRI ArcData GIS should be directed to the Region 6 GIS Section.

Instructions for Using the ASPECT Google Earth n-link

The KML n-link file is a collection of Google Earth KML scripts that permits full viewing and download of data associated with a given deployment or project. Once the n-link has been loaded on your computer, subsequent installs of the link are unnecessary for the duration of the project or deployment; as new data is added to the project, the n-link, when opened will show the new data in chronological order. Two software packages are necessary to run the n-link. You will need an installed copy of Google Earth and a current copy of your favorite internet browser (Internet Explorer, Chrome, or Firefox) your internet browser.

How to use the attached KML file:

1. Save the KML file to your desktop.
2. To open it, double click the n-link icon and it will bring up your Google Earth Program. As the program starts, Google Earth will move to the general area of interest associated with the project and display an EPA ASPECT aircraft ICON. The ASPECT icon acts as a product menu allowing access to a data associated with the project. Clicking the airplane icon will open up a balloon showing the relevant products that are available for this particular ASPECT project.
3. The ASPECT aircraft icon and all other data products are associated with data layers that will show up on the left side of the image. When the n-link is first started the

ED_004042_00009093-00010

Aircraft Icon will show up as the first layer under the "Temporary Places" pane. As additional products are opened, they will in turn be listed under the Temporary Places pan in the order that they were opened.

Structure of the Aircraft Icon:
Data products that are currently available for viewing and/or download will be displayed under the Aircraft icon balloon. The following are examples of typical data and products that are accessible by the Aircraft icon:

A brief mission description.
Sensor suite capabilities
Chemical data products
Color aerial photography
Mosaic Aerial Photography (Optional)
Oblique Photography
Aircraft Video
False color aerial infrared imagery
Gamma Ray Information
[HYPERLINK "http://www.epaaspect.net/googleearth/Harvey_Sept2017/aspect/kml/aircraft_locations_Harvey_Sept2017.kml" \t "_blank"]
Weather station data (used for chemical plume modeling)

All of the products shown above in blue represent mission specific data links that can be accessed using the Aircraft icon. Simply clicking on any of the blue sections (within the Aircraft Icon) will activate that information link. What happens next depends on what link you have activated.

The following are brief descriptions of how to use each link: (Note: Be patient. How fast things occur depends on the network (internet) speeds. Higher resolution image products may take several minutes to load).

Sensor suite capabilities – Clicking on the Sensor suite capabilities will open a brief technical description of what sensors are located on the ASPECT system and the products that these sensors generate. To close the description window, click the button located in the top left of the description window titled "<< Back to Google Earth".

Chemical data products – Clicking the Chemical data products will open a set of chronological data layers that will be displayed under the Temporary Places directory. The most recent set of data will be active with the older data sets closed. To open the older data sets, click on the box next to the flight number (Flight number and data) and the data will be opened. Locations in which chemicals were detected will show up as bulls eye data points in the Google Earth image. If a given data pointed is selected by clicking on it, the following information will be displayed:

- Chemical compound name

ED_004042_00009093-00011

- System scan number
- Compound detection limit (in ppm)
- Compound concentration (in ppm)

Color aerial photography – Ortho-rectified color aerial imagery is available by clicking on the Color aerial photography. As with the chemical data products, selecting this option will automatically load the most recent collection of photographic data locations into Google Earth. Loaded data will be represented on the image by a camera icon and a transparent outline of the respective image. In addition, all images associated with the data set will be displayed under the directory " ASPECT Photos" on the Temporary Places directory. To load the actual image into Google Earth, click the corresponding camera icon of the interested photograph. This will open a data balloon showing a review of the image and two options located at the bottom of the balloon;

- "[HYPERLINK "http://www.epaaspect.net/googleearth/Harvey_Sept2017/aspect/images_24/overlays/20170911191937650.kml" \t "_blank"]" – Clicking on this option will download the image into the Google Earth database. After the image is downloaded, it will be shown as an overlay on the main Google Earth image. This process can be repeated as many times as needed. Note: each time you execute this procedure the referenced aerial photograph frame will appear in blue in you temporary places pane on the left hand side of the Google Earth window
- "[HYPERLINK "http://www.epaaspect.net/googleearth/Harvey_Sept2017/aspect/images_24/overlays/photos/20170911191937650_gecorr.htm" \t "_blank"]" -- This option is selected if the user wishes to view a full resolution image as a stand-alone product in a web browser. Depending internet speed, this option may take up to a few minutes to fully load the image. Once in the browser, the image can be copied and used for various publishing purposes.

Mosaic Aerial Photography (Optional) -- Selection of a color mosaic will load a georectified color mosaic into Google Earth. Selected of the appropriate image is referenced to the date of collection. Due to the large size of these files, several minutes may be required to fully download the file.

False color aerial infrared imagery – Geo-rectified false color aerial infrared imagery is obtained using this option. The color palette of this imagery is false since the data represents three IR bands combined to provide an RGB image. Manipulation of the images is done in a similar fashion as to the color aerial photography.

Note: When exiting Google Earth you can save your temporary places so that they will be available the next time you want to look at this data. Alternatively, you can merely keep the KML file as your SAT key index into the EPA ASPECT website for accessing this data at a future time.

ED_004042_00009093-00012

Oblique Photography -- Viewing of oblique color aerial photography is accomplished by selecting the oblique photography option. Once the option is selected, available oblique images for the last flight are displayed as a collection of arrows. These arrows represent the location that the aircraft was positioned and the direction the camera was pointed when the frame was collected (about 2 o'clock of the heading looking about 45 degrees down). As the cursor is moved over the respective arrows, the frame number will be highlighted. If an arrow is double clicked a thumb nail of the image will be displayed. The user has the option of downloading the image in a browser.

Aircraft Video -- During most chemical related activities, airborne downward looking video is collected while the chemical sensors are active. This video is effectively a NTSC color 540 scan format collected in an AVI format. No special conversion is needed to view the video on a standard Windows computer. Selection of the video option will present data in a similar fashion as the other mission related products and will be identified as a small movie camera icon. Selection of an icon will provide the following information:

- Type -- Visible video
- Date – Date that the video was collected (based on UTC time)
- Time – UTC time
- Latitude – In decimal degrees
- Longitude – In decimal degrees
- Video file name
- [HYPERLINK "http://www.epaaspect.net/googleearth/Harvey_Sept2017/aspect/videos_25/overlays/data/170911_183852_183903.avi" \t "_blank"] option

To download the video to your local computer, click on the download video link and the video will open in a separate page asking if you wish to open the file with an installed media player (such as Windows Media Player) or to save the file for subsequent use. Irrespective, once the file is played, the video will show a color view looking down out of the aircraft.

Gamma Ray Information – If the ASPECT mission profile required that radiological data was collected, selection of the option would provide a set of gamma ray and neutron data products include:

- An aerial total gamma count vector map and contour
- A Sigma statistical analysis of the survey area
- An gamma energy exposure map and contour
- A neutron total count and contour map

[HYPERLINK "http://www.epaaspect.net/googleearth/Harvey_Sept2017/aspect/kml/aircraft_locations_Harvey_Sept2017.kml" \t "_blank"] -- Flight track information for the last mission is available using this selection. Once selected, a color flight path will be displayed. Multiple tracks can be displayed by selecting additional paths from other missions. Flight tracks also shows locations were

ED_004042_00009093-00013

various sensor systems were in operation. This feature provides a convenient cross reference to examine data corresponding to areas the aircraft surveyed.

Weather Station Data – The final option on the icon is a collection of weather station reported data. This includes National Weather Service (NOAA) links as well as local State and aviation based links. These sources provide a convenient and up-to-date source for meteorological data including dispersion model initialization.

Data Listing

A list of data collected by flight is given in Appendix A.

8 Data Results

The ASPECT system automatically screens remote sensed data for 72 compounds in a near real-time fashion. Table 5 lists compounds included in the automated algorithm library. Detected compounds are reviewed/validated by a member of the reach back team using various tools including the use of spectral libraries to confirm the presence of indicated screened compounds. For other compounds (such as peroxides) manual methods using published IR spectra are used to develop both identification and concentration estimates.

Table 5: ASPECT Automated Chemical Compound List

Chemical Compound (detection limit in ppm)			
Acetic Acid (2.0)	**Cumene (23.1)**	**Isoprene (6.5)**	**Propylene (3.7)**
Acetone (5.6)	**Diborane (5.0)**	**Isopropanol (8.5)**	**Propylene Oxide (6.8)**
Acrolein (8.8)	**1,1-Dichloroethene (3.7)**	**Isopropyl Acetate (0.7)**	**Silicon Tetrafluoride (0.2)**
Acrylonitrile (12.5)	**Dichloromethane (6.0)**	**MAPP (3.7)**	**Sulfur Dioxide (15)**
Acrylic Acid (3.3)	**Dichlorodifluoromethane (0.7)**	**Methyl Acetate (1.0)**	**Sulfur Hexafluoride (0.07)**
Allyl Alcohol (5.3)	**1,1-Difluoroethane (0.8)**	**Methyl Ethyl Ketone (7.5)**	**Sulfur Mustard (6.0)**
Ammonia (2.0)	**Difluoromethane (0.8)**	**Methanol (5.4)**	**Nitrogen Mustard (2.5)**
Arsine (18.7)	**Ethanol (6.3)**	**Methylbromide (60)**	**Phosgene (0.5)**
Bis-Chloroethyl Ether (1.7)	**Ethyl Acetate (0.8)**	**Methylene Chloride (1.1)**	**Phosphine (8.3)**
Boron Tribromide (0.2)	**Ethyl Formate (1.0)**	**Methyl Methacrylate (3.0)**	**Tetrachloroethylene (10)**

ED_004042_00009093-00014

Chemical Compound (detection limit in ppm)			
Boron Triflouride (5.6)	**Ethylene (5.0)**	**MTEB (3.8)**	**1,1,1-Trichloroethane (1.9)**
1,3-Butadiene (5.0)	**Formic Acid (5.0)**	**Naphthalene (3.8)**	**Trichloroethylene (2.7)**
1-Butene (12.0)	**Freon 134a (0.8)**	**n-Butyl Acetate (3.8)**	**Trichloromethane (0.7)**
2-Butene (18.8)	**GA (Tabun) (0.7)**	**n-Butyl Alcohol (7.9)**	**Triethylamine (6.2)**
Carbon Tetrachloride (0.2)	**GB (Sarin) (0.5)**	**Nitric Acid (5.0)**	**Triethylphosphate (0.3)**
Carbonyl Chloride (0.8)	**Germane (1.5)**	**Nitrogen Trifluoride (0.7)**	**Trimethylamine (9.3)**
Carbon Tetraflouride (0.1)	**Hexafluoroacetone (0.4)**	**Phosphorus Oxychloride (2.0)**	**Trimethyl Phosphite (0.4)**
Chlorodifluoromethane (0.6)	**Isobutylene (15)**	**Propyl Acetate (0.7)**	**Vinyl Acetate (0.6)**

Table 6 provides a summary of chemical detections based on the data quality objectives related to date, flight number and general location. For each of the detections, the ftir data files which generated the detection are given. Per the DQO, two compounds were detected and reported by the ASPECT system including peroxide (reported as benzyl-peroxide) and 1-butene.

Table 6: Chemical Detections

Date	Flight #	Primary Mission	Compound	FTIR File	Limit of Detection (ppm)	Detections*
8/29	1	Systems Check				
8/30	2	Arkema Site	No reportable detections			
8/31	3	Arkema Site	No reportable detections			
8/31	4	Arkema Site	Peroxide (Arkema) Peroxide (Arkema) isobutylene	20170831_185404_A.igm 20170831_192819_A.igm 20170831_182209_A.igm	5.3 5.3 8.5	Trace* Trace Trace
8/31	5	Arkema Site	Peroxide* (Arkema) 1-butene 2-butene 1,3-butadiene	20170831_222752_A.igm 20170831_222752_A.igm 20170831_222752_A.igm 20170831_222752_A.igm	5.3 12.0 12.0 5.0	Trace Trace Trace Trace
9/1	6	Arkema Site	No reportable detections			

ED_004042_00009093-00015

Date	Flight #	Primary Mission	Compound	FTIR File	Limit of Detection (ppm)	Detections*
9/1	7	Arkema Site & Zone 5 RNA	1,3-butadiene	20170901_172409_A.igm	5.0	Trace
			Peroxide (Arkema)	20170901_174439_A.igm	5.3	Trace, multiple passes
			Peroxide (Arkema)	20170901_192438_A.igm	5.3	Trace, multiple passes
9/1	8	Arkema Site (Fires)	Peroxide (Arkema)	20170901_225759_A.igm	5.3	Trace, multiple passes
			1-butene	20170901_225759_A.igm	12.0	Trace
9/2	9	Arkema Site & Zones 5 & 6 RNA	1-butene	20170902_150316_A.igm	12.0	Trace
			1,3-butadiene	20170902_150316_A.igm	5.0	Trace
9/2	10	Arkema Site & Zone 6 RNA	Peroxide (Arkema)	20170902_181732_A.igm	5.3	Trace, multiple passes
			Peroxide (Arkema)	20170902_195518_A.igm	5.3	Trace, multiple passes
9/2	11	Arkema Site	Peroxide (Arkema)	20170903_020017_A.igm	5.3	Trace
			Peroxide (Arkema)	20170903_020334_A.igm	5.3	Trace
			Peroxide (Arkema)	20170903_025510_A.igm	5.3	Trace
9/3	12	Arkema Site Zone 6 & 7 RNA	Arkema: Peroxide	20170903_152842_A.igm	5.3	Trace
			1-butene	20170903_164739_A.igm	12.0	Trace
			Isoprene	20170903_163415_A.igm	6.5	Trace
			isobutylene	20170903_154015_A.igm	15.0	Trace
			SO2	20170903_182947_A.igm	1.5	Trace
9/3	13	Arkema Site	Peroxide	20170903_210753_A.igm	5.3	7.7 ppm (max)
			1-butene	20170903_213305_A.igm	12.0	Trace
			Peroxide	20170903_213305_A.igm	5.3	Trace
9/4	14	Zone 7 RNA	No reportable detections			
9/4	15	Zone 4 RNA	SO2	20170904_180503_A.igm	1.5	Trace
			1-butene	20170904_195323_A.igm	12.0	Trace
			Isobutylene	20170904_192044_A.igm	1.5	Trace
			1-butene	20170904_195323_A.igm	1.2	8.7 (max)
9/5	16	Zone 4 RNA	No reportable detections			
9/5	17	Zone 4 RNA	Ammonia	20170905_192507_A.igm	0.4	5.4 (max)
			Ammonia	20170905_192946_A.igm	0.4	48 (max)
9/6	18	Zone 10 RNA	No reportable detections			
9/6	19	Zone 8 RNA	1-butene	20170906_193344_A.igm	12.0	Trace
			1-butene	20170906_201349_A.igm	12.0	Trace
			1,3-butadiene	20170906_201838_A.igm	5.0	Trace
9/7	20	Valero Site	No reportable detections			
9/7	21	Zone 8 RNA	1-butene	20170907_195032_A.igm	12.0	Trace
			1-butene	20170907_195254_A.igm	12.0	Trace
			1-butene	20170907_195853_A.igm	12.0	Trace
			1-butene	20170907_200709_A.igm	12.0	Trace
			1-butene	20170907_201047_A.igm	12.0	Trace
			1,3-butadiene	20170907_201047_A.igm	5.0	Trace
			Isoprene	20170907_202443_A.igm	8.5	Trace
9/8	22	Beaumont Special	1-butene	20170908_150300_A.igm 20170908_153459_A.igm 20170908_160454_A.igm 20170908_160533_A.igm	12.0	Trace

ED_004042_00009093-00016

Date	Flight #	Primary Mission	Compound	FTIR File	Limit of Detection (ppm)	Detections*
				20170908_161325_A.igm 20170908_161405_Aigm 20170908_161443_A.igm 20170908_161522_A.igm 20170908_162616_A.igm 20170908_163615_A.igm 20170908_163654_A.igm 20170908_163733_A.igm 20170908_164703_A.igm 20170908_164742_A.igm 20170908_170332_A.igm 20170908_170710_A.igm 20170908_171354_A.igm		
			Isoprene	20170908_143609_A.igm 20170908_144426_A.igm 20170908_161522_A.igm 20170908_163733_A_igm 20170908_170332_A.igm 20170908_170710_A.igm	6.8	16.9 (max) Trace Trace 7.2 (max) 7.3(max) Trace
			Isobutylene	20170908_145637_A.igm	15.0	Trace
			1,3-butadiene	20170908_151502_A.igm 20170908_153459_A.igm 20170908_163615_A.igm 20170908_163654_A.igm 20170908_163733_A.igm 20170908_170332_A.igm 20170908_171354_A.igm	5.0	Trace
				20170908_171433_A.igm		8.6
9/8	23	State Special	SO2	20170908_200600_A_igm 20170908_201838_A_igm 20170908_202633_A.igm 20170908_203233_A.igm	15.0 15.0 15.0 15.0	Trace Trace Trace Trace
			1-butene	20170908_202205_A.igm 20170908_203233_A.igm 20170908_204836.A_igm	12.0	Trace 20 14.1
			2-butene	20170908_202205_A.igm	12.0	Trace
			1,3-butadiene	20170908_202205_A.igm 20170908_203233_A.igm	5.0	Trace 17.2
			Isoprene	20170908_202205_A_igm 20170908_203627_A.igm 20170908_210150_A.igm	6.5	6.6 Trace
			Ammonia	20170908_203233_A.igm	2.0	Trace
9/9	24	Zone 9	1-butene	20170909_164540_A.igm 20170909_165035_A.igm	12.0	Trace
			Isobutylene	20170909_143738_A_igm 20170909_165957_A.igm	8.5	Trace

ED_004042_00009093-00017

Date	Flight #	Primary Mission	Compound	FTIR File	Limit of Detection (ppm)	Detections*
			Isoprene	20170909_165035_A.igm	6.5	Trace
9/9	25	Zone 9	Isobutylene	20170909_194625_A.igm 20170909_212334_A.igm	15.0	Trace
9/10	26	Zone 11	1-butene SO2 1,3-butadiene	20170910_132112_A.igm 20170910_164912_A_igm 20170910_133638_A.igm	12.0 1.5 5	78 (max) 1.7 (max) 5
9/11	27	RMP Sites	1-butene	20170911_143445_A.igm 20170911_144127_A.igm	12.0	Trace
9/11	28	RMP Sites	No reportable detections			

* "Trace" detection represents a value slightly above (about 1 ppm) the limit of detection. As an example if the detection limit is 12 ppm, a trace measurement would be 12 ppm plus up to approximately 1 ppm or a total of 13 ppm.

Representative Chemical Data Associated with Arkema Fire

ASPECT was used to provide airborne chemical surveillance of the Arkema facility from arrival on 30 August 2017 until the planned burning of the remaining onsite materials on 3 September 2017. The Arkema facility produced high concentration peroxides commonly used in the plastics market. Peroxides, by nature, are reactive compounds and are typically stored in a dilute state or are stabilized through means such as refrigeration. The company, forecasting possible storm damage, associated flooding and/or lost of electrical power, moved onsite peroxides from the facility refrigerated storage to trailer-based refrigerated storage (figure 3). The facility was impacted by flood waters and after a period of time, the

Figure 3: Onsite Trailer-Based Storage of Peroxides at Arkema. Note the flood water surrounding the trailers

ED_004042_00009093-00018

on-site storage trailers began to warm up resulting in the peroxides beginning to react (catch fire). Facility personnel informed the Region that the trailers were equipped with remote temperature monitoring system. As the response progressed, this telemetric data provided an indication of the state of the products based on the contents temperature. The ASEPCT team did not have access to this data but used instead the systems integrated IR night vision thermal camera to provide a relative indication of temperature for each trailer. An example of this type of imagery is given in Figure 4.

Figure [SEQ Figure * ARABIC]: Image taken from the infrared video showing that one trailer looks warmer (e.g., colored white) than the surrounding trailers.

ED_004042_00009093-00019

As each trailer warmed and the contents increased in temperature, a definitive life cycle on how the contents reacted took place. Initial indication of a reaction was typically light white smoke. Remote chemical screening of the smoke showed a weak signature of peroxide (figure 6). Soon after white smoke was observed, the contents would react fully resulting in a high intensity fire (figure 7). This phase of the fire often generated a black plume which was most likely due to the trailer and tires burning. Within about 60 minutes the fire had consumed the contents of the trailer and the intensity rapidly decreased. Collected spectral data tended to show normal products of combustion and low levels of peroxide. (It should be noted the in a normal state, benzyl peroxide is a solid but once reacted, e.g. combustion, forms a vapor). The ASPECT system was used to remotely monitor the plume that was generated by the Arkema fires. Due to the reactive nature of peroxides, most of the compound reacted as a result of the fire, with only trace quantities (slightly above 5.3 ppm) observed immediately downwind of the fire. Figure 8 illustrates the intensity of a typical fire as observed using the IR camera.

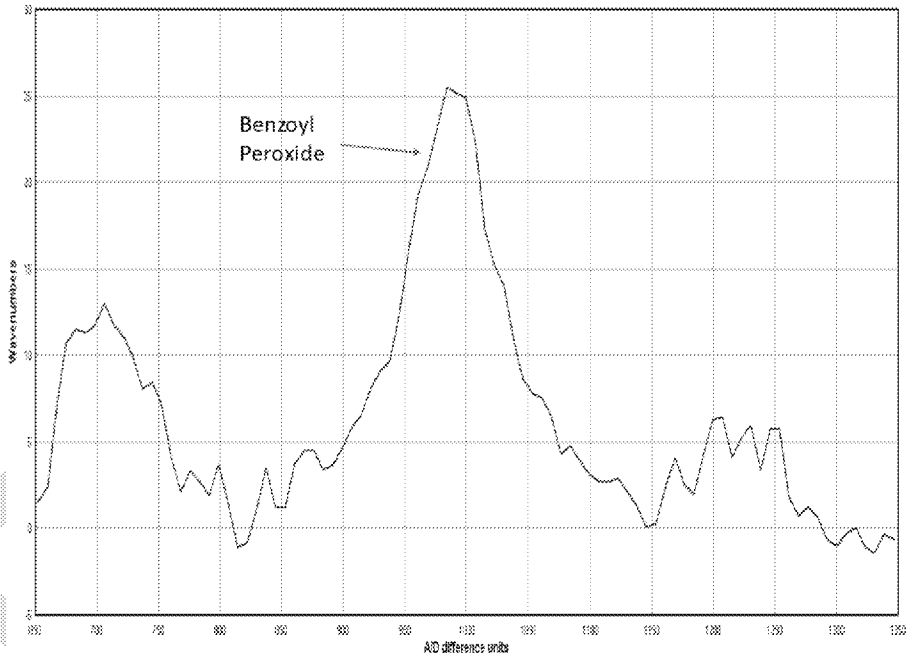

Figure 6: IR Spectral showing Peroxide Signature

ED_004042_00009093-00020

Figure 8: Infrared image obtained from an infrared video taken during the fire.

On 3 September 2017, a decision was made by the local response officials to conduct a controlled burn of the remaining trailers of peroxides at the facility. ASPECT was requested to provide near real-time monitoring of the burn. Prior to ignition, the plane was placed in a two mile orbit around the facility. At 1540 (local) the crew reported a rapidly developing fire and initiated monitoring activities. Figure 9 shows a composite of an aerial image and the associated IR image clearly showing a developing fire.

Figure 9: Aerial photo (left) taken at 5,000 ft of the Arkema trailers. Infrared image taken from the IR video showing the heat signature of the fire.

The progression of the fire was rapid as illustrated in a time lapse collection of oblique images collected from the aircraft (figure 10). As with prior detections made over the Arkema fires, the trace signatures peroxide (limit of detection about 5 ppm), as well as PAN (peroxyacyl nitrates) and ozone were detected in the immediate downwind smoke plume. Due to an easterly wind at altitude, ASPECT was requested to make a chemical sweep about 1 mile to the West (downwind) of the facility and found no significant chemical detections.

Figure 10: Series of oblique photos showing the progress of the Arkema trailers burning.

Figure 11 shows a before and after aerial image collection clearly showing how the fire entirely consumed the on-site storage trailers.

Figure 11: Before (left) and after (right) the Arkema site trailers burned

ED_004042_00009093-00022

RNA Chemical Results

Throughout the RNA surveillance process, the ASPECT system was used to screen for the presence of chemical emissions at selected locations. All chemical facilities were screened and many non-chemical sites, such as RMP sites were screened. A summary of compounds detected is given in Table 6. A number of commonly occurring air pollutants such as ozone and PAN (Peroxyacytyl nitrate) were routinely detected and were used to confirm that the FTIR spectrometer was operating properly (figures 12 and 13).

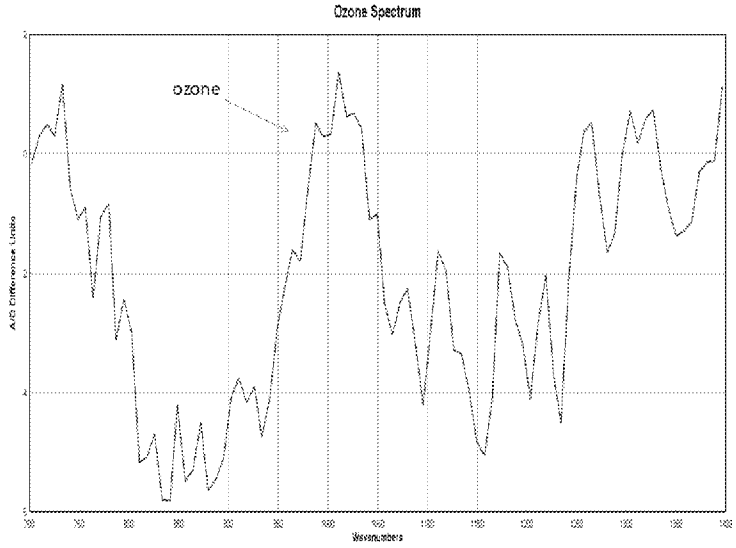

Figure 12: Passive (remotely detected at 2,800 ft AGL) FTIR spectra showing ozone, a commonly occurring air pollutant. This confirms that the instrument was operating properly.

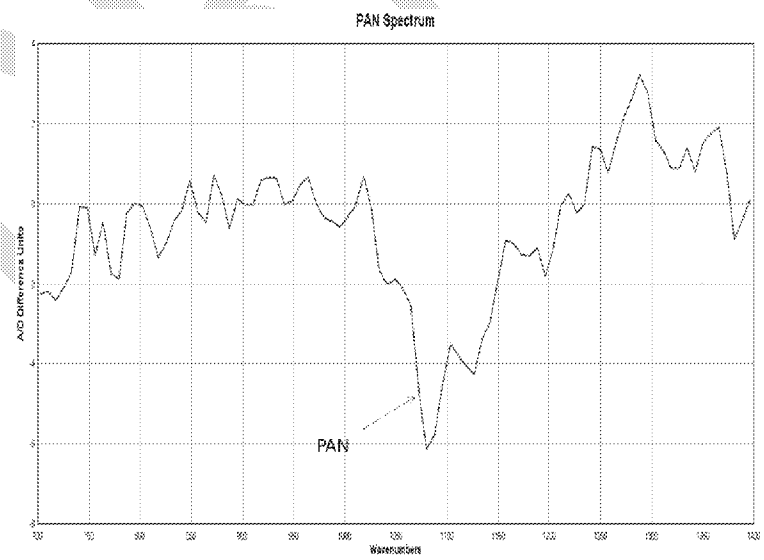

Figure 13: Passive (remotely detected at 2,800 ft AGL) FTIR spectra showing PAN (Peroxyacytyl nitrate), a commonly occurring air pollutant. This confirms that the instrument was operating properly.

ED_004042_00009093-00023

Of the compounds specified as part of the Data Quality Objectives, only 1-Butene was observed. 1-Butene is a linear [HYPERLINK "https://en.wikipedia.org/wiki/Alpha-olefin" \o "Alpha-olefin"] ([HYPERLINK "https://en.wikipedia.org/wiki/Alkene" \o "Alkene"]) associated with polyethylene manufacturing and is one of the compounds that ASPECT is automatically setup to detect. This compound was detected in low levels over and near a number of the chemical facilities in the region. Figure 14 shows typical IR spectra of 1-Butene as characteristic by the large peak centered around 950 wave number. Typical concentrations were just above the detection limit of the system or about 12 ppm.

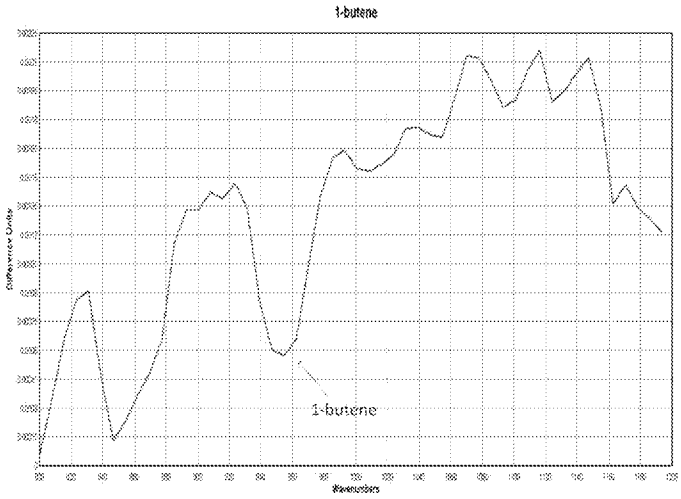

Figure 14: 1-Butene Passive IR Spectra

9 Conclusion

The ASPECT system was requested on 30 August 2017 to respond to the Arkema chemical fire and follow RNA surveys associated with Hurricane Harvey. ASPECT flew 28 missions which encompassed over 100 flight hours throughout the time period of 30 August 2017 to 11 September 2017. 3064 aerial photos, 786 oblique photos and over 2.4 million FTIR interferograms were collected to provide data to support the Region. From 30 August 2017 through 3 September 2017 ASPECT flew daily missions (at times multiple flights on the same day) to provide airborne monitoring of the Arkema fire. Results of this data showed low levels of peroxide (approximately 5.3 ppm) and compounds of combustion associated with the chemical fires. Chemical monitoring as part of the RNA mission showed low levels of 1-Butene (12 ppm); a compound included on the data quality objectives list.

10 ASPECT Team and Crew

Mr. Paul Kudarauskas, Chief Field Operations Branch
Dr. Mark Thomas, ASPECT Program Manager
Dr. John Cardarelli II, ASPECT Radiological / Tech Lead
Mr. Timothy Curry, ASPECT Logistics/Finance Lead
Dr. Robert Kroutil, Kalman Co Inc. ASPECT Chemical / GIS Lead (contractor)
Dr. Brian Dess, Kalman Co Inc. ASPECT Chemical / IT support (contractor)

ED_004042_00009093-00024

Sam Fritcher, Airborne ASPECT Inc., CEO
Beorn Leger, Airborne ASPECT Inc., Chief Pilot
Ned Conner, Airborne ASPECT Inc., Pilot
Tom Cruise, Airborne ASPECT Inc., ATP/Operator
Dallas Sley, Airborne ASPECT Inc., Equipment Operator
Robert Kirby, Airborne ASPECT Inc., Engineer
Bruce Dingman, Airborne ASPECT Engineering Tech.

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ED_004042_00009093-00025

Appendix A.

Data Logs

Abbreviations:

DEM – Digital elevation model
Alt – Altitude (in feet)
MSL – Mean sea level altitude (in feet)
Digital – Digital photography file from the Nikon D2X camera
MSIC – Digital photography file from the Imperx mapping camera
FTIR – Spectral IR data collected with a Fourier Transform Infrared Spectrometer
IRLS – Infrared Line Scanner
Jpg – JPEG image format
UTC – Universal Time Coordinated
img – Spectral data format based on Grams format.

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ED_004042_00009093-00026

Flight 1 -- Test Flight

Flight 2 – 30 August 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	8/30/2017	14:09:32	2867	131	156	None	None	24mm2017_08_30 14_09_21.jpg
								24mm2017_08_30_14_09_28.jpg
								24mm2017_08_30_14_09_34.jpg
								20170830140944249.jpg
								20170830140950602.jpg
								20170830140956956.jpg
2	8/30/2017	14:13:45	2389	136	188	None	None	24mm2017_08_30 14_13_35.jpg
								24mm2017_08_30_14_13_41.jpg
								24mm2017_08_30_14_13_47.jpg
								20170830141357524.jpg
								20170830141403877.jpg
								20170830141410233.jpg
3	8/30/2017	14:21:22	2628	326	94	20170830_142126_A.igm	None	24mm2017_08_30 14_21_11.jpg
								24mm2017_08_30_14_21_17.jpg
								24mm2017_08_30_14_21_24.jpg
								24mm2017_08_30_14_21_30.jpg
								20170830142134173.jpg
								20170830142140529.jpg
								20170830142146883.jpg
								20170830142153239.jpg
4	8/30/2017	14:34:30	2387	242	138	20170830_143434_A.igm	None	24mm2017_08_30 14_34_19.jpg
								24mm2017_08_30_14_34_26.jpg
								24mm2017_08_30_14_34_32.jpg
								20170830143442191.jpg
								20170830143448546.jpg
								20170830143454901.jpg
5	8/30/2017	14:37:50	2364	313	94	20170830_143753_A.igm	None	24mm2017_08_30 14_37_39.jpg
								24mm2017_08_30_14_37_45.jpg
								24mm2017_08_30_14_37_51.jpg
								24mm2017_08_30_14_37_57.jpg
								24mm2017_08_30_14_38_04.jpg
								20170830143801919.jpg
								20170830143808274.jpg
								20170830143814630.jpg
								20170830143820984.jpg
								20170830143827339.jpg
6	8/30/2017	14:42:03	2312	325	94	20170830_144206_A.igm	None	24mm2017_08_30 14_41_52.jpg
								24mm2017_08_30_14_41_59.jpg
								24mm2017_08_30_14_42_05.jpg
								24mm2017_08_30_14_42_11.jpg

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								20170830144215210.jpg
								20170830144221565.jpg
								20170830144227922.jpg
								20170830144234276.jpg
7	8/30/2017	14:45:49	2646	319	90	20170830_144553_A.igm	None	24mm2017_08_30 14_45_38.jpg
								24mm2017_08_30_14_45_45.jpg
								24mm2017_08_30_14_45_51.jpg
								24mm2017_08_30_14_45_57.jpg
								24mm2017_08_30_14_46_03.jpg
								20170830144601263.jpg
								20170830144607619.jpg
								20170830144613975.jpg
								20170830144620328.jpg
								20170830144626684.jpg
8	8/30/2017	14:49:48	2473	316	94	20170830_144952_A.igm	None	24mm2017_08_30 14_49_37.jpg
								24mm2017_08_30_14_49_43.jpg
								24mm2017_08_30_14_49_49.jpg
								24mm2017_08_30_14_49_56.jpg
								20170830145000030.jpg
								20170830145006384.jpg
								20170830145012739.jpg
								20170830145019094.jpg
9	8/30/2017	14:54:01	2235	317	86	20170830_145405_A.igm	None	24mm2017_08_30 14_53_48.jpg
								24mm2017_08_30_14_53_53.jpg
								24mm2017_08_30_14_53_57.jpg
								24mm2017_08_30_14_54_01.jpg
								24mm2017_08_30_14_54_06.jpg
								24mm2017_08_30_14_54_10.jpg
								24mm2017_08_30_14_54_14.jpg
								24mm2017_08_30_14_54_18.jpg
								20170830145411512.jpg
								20170830145416050.jpg
								20170830145419676.jpg
								20170830145424215.jpg
								20170830145428754.jpg
								20170830145433293.jpg
								20170830145436924.jpg
								20170830145441465.jpg

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Flight 3 – 31 August 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	8/31/2017	10:31:40	-73	127	0	20170831_103142_A.igm	None	24mm2017_08_31 10_31_26.jpg
								24mm2017_08_31_10_31_32.jpg
								24mm2017_08_31_10_31_38.jpg
								20170831103152332.jpg
								20170831103158686.jpg
								20170831103205040.jpg
2	8/31/2017	10:34:29	-77	128	0	None	2017_08_31_10_34_32_R_01	24mm2017_08_31 10_34_15.jpg
								24mm2017_08_31_10_34_21.jpg
								24mm2017_08_31_10_34_28.jpg
								20170831103441187.jpg
								20170831103447548.jpg
								20170831103453899.jpg
3	8/31/2017	12:15:59	2987	155	183	None	None	24mm2017_08_31 12_15_48.jpg
								24mm2017_08_31_12_15_55.jpg
								24mm2017_08_31_12_16_01.jpg
								20170831121611653.jpg
								20170831121618009.jpg
								20170831121624363.jpg
4	8/31/2017	12:20:39	3295	40	118	20170831_122046_A.igm	None	24mm2017_08_31 12_20_28.jpg
								24mm2017_08_31_12_20_34.jpg
								24mm2017_08_31_12_20_40.jpg
								20170831122051269.jpg
								20170831122057624.jpg
								20170831122103978.jpg
5	8/31/2017	12:24:20	2657	22	106	20170831_122424_A.igm	None	24mm2017_08_31 12_24_10.jpg
								24mm2017_08_31_12_24_16.jpg
								24mm2017_08_31_12_24_22.jpg
								24mm2017_08_31_12_24_28.jpg
								20170831122432787.jpg
								20170831122439140.jpg
								20170831122445495.jpg
								20170831122451853.jpg
6	8/31/2017	12:28:07	3220	35	120	20170831_122810_A.igm	2017_08_31_12_28_12_R_04	24mm2017_08_31 12_27_56.jpg
								24mm2017_08_31_12_28_02.jpg
								24mm2017_08_31_12_28_09.jpg
								24mm2017_08_31_12_28_15.jpg
								20170831122819747.jpg
								20170831122826102.jpg
								20170831122832457.jpg
								20170831122838812.jpg
7	8/31/2017	12:31:13	3047	312	104	20170831_123117_A.igm	2017_08_31_12_31_18_R_05	24mm2017_08_31 12_31_02.jpg

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								24mm2017_08_31_12_31_08.jpg
								24mm2017_08_31_12_31_14.jpg
								24mm2017_08_31_12_31_20.jpg
								20170831123124945.jpg
								20170831123131302.jpg
								20170831123137656.jpg
								20170831123144012.jpg
8	8/31/2017	12:36:11	2980	299	103	20170831_123614_A.igm	2017_08_31_12_36_16_R_06	24mm2017_08_31 12_36_00.jpg
								24mm2017_08_31_12_36_06.jpg
								24mm2017_08_31_12_36_12.jpg
								24mm2017_08_31_12_36_19.jpg
								20170831123622721.jpg
								20170831123629075.jpg
								20170831123635431.jpg
								20170831123641786.jpg
9	8/31/2017	12:39:39	3006	309	103	20170831_123943_A.igm	None	24mm2017_08_31 12_39_28.jpg
								24mm2017_08_31_12_39_34.jpg
								24mm2017_08_31_12_39_41.jpg
								24mm2017_08_31_12_39_47.jpg
								24mm2017_08_31_12_39_53.jpg
								20170831123951528.jpg
								20170831123957882.jpg
								20170831124004238.jpg
								20170831124010592.jpg
								20170831124016946.jpg
10	8/31/2017	13:15:49	3078	300	93	20170831_131553_A.igm	2017_08_31_13_15_54_R_08	24mm2017_08_31 13_15_38.jpg
								24mm2017_08_31_13_15_45.jpg
								24mm2017_08_31_13_15_51.jpg
								24mm2017_08_31_13_15_57.jpg
								24mm2017_08_31_13_16_03.jpg
								20170831131601265.jpg
								20170831131607620.jpg
								20170831131613972.jpg
								20170831131620326.jpg
								20170831131626682.jpg

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Flight 4A – 31 August 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	8/31/2017	16:03:32	3528	131	176	20170831_160337_A.igm	2017_08_31_16_03_37_R_02	24mm2017_08_31 16_02_44.jpg
								24mm2017_08_31_16_02_50.jpg
								24mm2017_08_31_16_02_56.jpg
								24mm2017_08_31_16_03_03.jpg
								24mm2017_08_31_16_03_09.jpg
								24mm2017_08_31_16_03_15.jpg
								20170831160343870.jpg
								20170831160350225.jpg
								20170831160356580.jpg
								20170831160402935.jpg
								20170831160409292.jpg
								20170831160415647.jpg
2	8/31/2017	17:01:56	2931	155	167	None	None	24mm2017_08_31 17_01_08.jpg
								24mm2017_08_31_17_01_15.jpg
								24mm2017_08_31_17_01_21.jpg
								20170831170208164.jpg
								20170831170214518.jpg
								20170831170220872.jpg
3	8/31/2017	17:13:48	3146	313	110	20170831_171351_A.igm	None	24mm2017_08_31 17_13_00.jpg
								24mm2017_08_31_17_13_06.jpg
								24mm2017_08_31_17_13_12.jpg
								20170831171359913.jpg
								20170831171406267.jpg
								20170831171412622.jpg
4	8/31/2017	17:23:18	2885	250	110	None	None	24mm2017_08_31 17_22_31.jpg
								24mm2017_08_31_17_22_37.jpg
								24mm2017_08_31_17_22_43.jpg
								20170831172330941.jpg
								20170831172337296.jpg
								20170831172343653.jpg
5	8/31/2017	17:30:05	2957	29	127	None	None	24mm2017_08_31 17_29_18.jpg
								24mm2017_08_31_17_29_24.jpg
								24mm2017_08_31_17_29_30.jpg
								20170831173017653.jpg
								20170831173024009.jpg
								20170831173030366.jpg
6	8/31/2017	17:33:55	2980	168	139	None	None	24mm2017_08_31 17_33_07.jpg
								24mm2017_08_31_17_33_13.jpg

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24mm2017_08_31_17_33_19.jpg
20170831173407341.jpg
20170831173413697.jpg
20170831173419144.jpg

Flight 4B – 31 August 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	8/31/2017	17:47:03	2973	137	144	20170831_174703_A.igm	None	24mm2017_08_31 17_47_00.jpg
								24mm2017_08_31_17_47_06.jpg
								20170831174712616.jpg
								20170831174718970.jpg
2	8/31/2017	17:53:04	3140	305	106	20170831_175307_A.igm	None	24mm2017_08_31 17_53_04.jpg
								24mm2017_08_31_17_53_10.jpg
								24mm2017_08_31_17_53_16.jpg
								24mm2017_08_31_17_53_22.jpg
								20170831175316647.jpg
								20170831175322092.jpg
								20170831175328448.jpg
								20170831175334803.jpg
3	8/31/2017	18:03:59	3101	344	117	None	None	24mm2017_08_31 18_03_59.jpg
								24mm2017_08_31_18_04_05.jpg
								24mm2017_08_31_18_04_11.jpg
								20170831180411180.jpg
								20170831180417535.jpg
								20170831180423893.jpg
4	8/31/2017	18:07:45	2985	150	138	20170831_180749_A.igm	None	24mm2017_08_31 18_07_45.jpg
						20170831_180828_A.igm		24mm2017_08_31_18_07_51.jpg
						20170831_180908_A.igm		24mm2017_08_31_18_07_57.jpg
						20170831_180946_A.igm		24mm2017_08_31_18_08_03.jpg
								24mm2017_08_31_18_08_10.jpg
								24mm2017_08_31_18_08_16.jpg
								24mm2017_08_31_18_08_22.jpg
								24mm2017_08_31_18_08_29.jpg
								24mm2017_08_31_18_08_35.jpg
								24mm2017_08_31_18_08_41.jpg
								24mm2017_08_31_18_08_48.jpg
								24mm2017_08_31_18_08_54.jpg
								24mm2017_08_31_18_09_00.jpg
								24mm2017_08_31_18_09_07.jpg
								24mm2017_08_31_18_09_13.jpg
								24mm2017_08_31_18_09_19.jpg
								24mm2017_08_31_18_09_25.jpg
								24mm2017_08_31_18_09_32.jpg

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								24mm2017_08_31_18_09_38.jpg
								24mm2017_08_31_18_09_44.jpg
								20170831180757234.jpg
								20170831180803589.jpg
								20170831180809941.jpg
								20170831180816297.jpg
								20170831180822652.jpg
								20170831180829007.jpg
								20170831180835369.jpg
								20170831180841716.jpg
								20170831180848071.jpg
								20170831180854427.jpg
								20170831180859874.jpg
								20170831180906229.jpg
								20170831180912585.jpg
								20170831180918938.jpg
								20170831180925295.jpg
								20170831180931649.jpg
								20170831180938005.jpg
								20170831180944360.jpg
								20170831180950715.jpg
								20170831180957069.jpg
5	8/31/2017	18:15:56	3097	344	120	20170831_181601_A.igm	None	24mm2017_08_31 18_15_56.jpg
						20170831_181639_A.igm		24mm2017_08_31_18_16_03.jpg
								24mm2017_08_31_18_16_09.jpg
								24mm2017_08_31_18_16_15.jpg
								24mm2017_08_31_18_16_21.jpg
								24mm2017_08_31_18_16_28.jpg
								24mm2017_08_31_18_16_34.jpg
								24mm2017_08_31_18_16_40.jpg
								24mm2017_08_31_18_16_47.jpg
								24mm2017_08_31_18_16_53.jpg
								20170831181609288.jpg
								20170831181615643.jpg
								20170831181621998.jpg
								20170831181628353.jpg
								20170831181633800.jpg
								20170831181640156.jpg
								20170831181646511.jpg
								20170831181652865.jpg
								20170831181659221.jpg
								20170831181705576.jpg
6	8/31/2017	18:21:26	2940	138	140	20170831_182130_A.igm	None	24mm2017_08_31 18_21_26.jpg
						20170831_182209_A.igm		24mm2017_08_31_18_21_32.jpg

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20170831_182248_A.igm
20170831_182328_A.igm

24mm2017_08_31_18_21_38.jpg
24mm2017_08_31_18_21_45.jpg
24mm2017_08_31_18_21_51.jpg
24mm2017_08_31_18_21_57.jpg
24mm2017_08_31_18_22_04.jpg
24mm2017_08_31_18_22_10.jpg
24mm2017_08_31_18_22_16.jpg
24mm2017_08_31_18_22_22.jpg
24mm2017_08_31_18_22_29.jpg
24mm2017_08_31_18_22_35.jpg
24mm2017_08_31_18_22_41.jpg
24mm2017_08_31_18_22_48.jpg
24mm2017_08_31_18_22_54.jpg
24mm2017_08_31_18_23_00.jpg
24mm2017_08_31_18_23_07.jpg
24mm2017_08_31_18_23_13.jpg
24mm2017_08_31_18_23_19.jpg
24mm2017_08_31_18_23_25.jpg
24mm2017_08_31_18_23_32.jpg
24mm2017_08_31_18_23_38.jpg
24mm2017_08_31_18_23_44.jpg
24mm2017_08_31_18_23_51.jpg
20170831182138839.jpg
20170831182144285.jpg
20170831182150641.jpg
20170831182156996.jpg
20170831182203352.jpg
20170831182209705.jpg
20170831182216060.jpg
20170831182222415.jpg
20170831182228771.jpg
20170831182235126.jpg
20170831182241484.jpg
20170831182247834.jpg
20170831182254190.jpg
20170831182300545.jpg
20170831182306900.jpg
20170831182313255.jpg
20170831182319609.jpg
20170831182325964.jpg
20170831182331410.jpg
20170831182337766.jpg
20170831182344120.jpg
20170831182350475.jpg

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								20170831182356829.jpg
								20170831182403185.jpg
7	8/31/2017	18:33:08	3117	262	114	20170831_183311_A.igm	None	24mm2017_08_31 18_33_07.jpg
						20170831_183350_A.igm		24mm2017_08_31_18_33_13.jpg
								24mm2017_08_31_18_33_20.jpg
								24mm2017_08_31_18_33_26.jpg
								24mm2017_08_31_18_33_32.jpg
								24mm2017_08_31_18_33_39.jpg
								24mm2017_08_31_18_33_45.jpg
								24mm2017_08_31_18_33_51.jpg
								24mm2017_08_31_18_33_58.jpg
								24mm2017_08_31_18_34_04.jpg
								24mm2017_08_31_18_34_10.jpg
								20170831183319691.jpg
								20170831183326046.jpg
								20170831183332400.jpg
								20170831183338756.jpg
								20170831183345112.jpg
								20170831183351465.jpg
								20170831183357819.jpg
								20170831183404174.jpg
								20170831183410530.jpg
								20170831183416884.jpg
								20170831183423240.jpg
8	8/31/2017	18:43:01	3016	127	137	20170831_184305_A.igm	None	24mm2017_08_31 18_43_01.jpg
						20170831_184344_A.igm		24mm2017_08_31_18_43_08.jpg
								24mm2017_08_31_18_43_14.jpg
								24mm2017_08_31_18_43_20.jpg
								24mm2017_08_31_18_43_27.jpg
								24mm2017_08_31_18_43_33.jpg
								24mm2017_08_31_18_43_39.jpg
								24mm2017_08_31_18_43_45.jpg
								24mm2017_08_31_18_43_52.jpg
								20170831184314330.jpg
								20170831184320686.jpg
								20170831184327039.jpg
								20170831184333397.jpg
								20170831184338841.jpg
								20170831184345197.jpg
								20170831184351551.jpg
								20170831184357907.jpg
								20170831184404261.jpg
9	8/31/2017	0.7875	3069	303	101	20170831_185404_A.igm	None	24mm2017_08_31 18_54_00.jpg
								24mm2017_08_31_18_54_06.jpg

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								24mm2017_08_31_18_54_12.jpg
								24mm2017_08_31_18_54_19.jpg
								24mm2017_08_31_18_54_25.jpg
								20170831185412525.jpg
								20170831185418880.jpg
								20170831185425234.jpg
								20170831185431590.jpg
								20170831185437946.jpg
10	8/31/2017	19:20:55	2916	301	107	20170831_192058_A.igm	None	24mm2017_08_31 19_20_54.jpg
								24mm2017_08_31_19_21_01.jpg
								24mm2017_08_31_19_21_07.jpg
								24mm2017_08_31_19_21_13.jpg
								20170831192106691.jpg
								20170831192113046.jpg
								20170831192119404.jpg
								20170831192125758.jpg
11	8/31/2017	19:28:15	3113	300	104	20170831_192819_A.igm	None	24mm2017_08_31 19_28_15.jpg
								24mm2017_08_31_19_28_22.jpg
								24mm2017_08_31_19_28_28.jpg
								24mm2017_08_31_19_28_34.jpg
								24mm2017_08_31_19_28_40.jpg
								20170831192827900.jpg
								20170831192834256.jpg
								20170831192840609.jpg
								20170831192846966.jpg
								20170831192853320.jpg

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Flight 5 – 31 August 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	8/31/2017	21:26:55	2988	306	106	20170831_212658_A.igm	None	24mm2017_08_31 21_26_34.jpg
								24mm2017_08_31_21_26_41.jpg
								24mm2017_08_31_21_26_47.jpg
								24mm2017_08_31_21_26_53.jpg
								24mm2017_08_31_21_27_00.jpg
								20170831212707047.jpg
								20170831212713402.jpg
								20170831212719759.jpg
								20170831212726114.jpg
								20170831212732467.jpg
2	8/31/2017	21:33:27	2881	300	115	20170831_213330_A.igm	None	24mm2017_08_31 21_33_07.jpg
								24mm2017_08_31_21_33_13.jpg
								24mm2017_08_31_21_33_19.jpg
								24mm2017_08_31_21_33_26.jpg
								20170831213339241.jpg
								20170831213345595.jpg
								20170831213351950.jpg
								20170831213358306.jpg
3	8/31/2017	21:59:39	2879	308	117	20170831_215944_A.igm	None	24mm2017_08_31 21_59_19.jpg
								24mm2017_08_31_21_59_25.jpg
								24mm2017_08_31_21_59_32.jpg
								24mm2017_08_31_21_59_38.jpg
								20170831215951613.jpg
								20170831215957967.jpg
								20170831220004323.jpg
								20170831220010677.jpg
4	8/31/2017	22:06:37	2924	312	116	20170831_220641_A.igm	None	24mm2017_08_31 22_06_17.jpg
								24mm2017_08_31_22_06_23.jpg
								24mm2017_08_31_22_06_30.jpg
								24mm2017_08_31_22_06_36.jpg
								20170831220650124.jpg
								20170831220656478.jpg
								20170831220702833.jpg
								20170831220709188.jpg
5	8/31/2017	22:27:49	3032	306	108	20170831_222752_A.igm	None	24mm2017_08_31 22_27_29.jpg
								24mm2017_08_31_22_27_35.jpg
								24mm2017_08_31_22_27_41.jpg
								24mm2017_08_31_22_27_48.jpg
								20170831222801117.jpg
								20170831222807472.jpg

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								20170831222813827.jpg
								20170831222820186.jpg
6	8/31/2017	22:34:53	2889	307	112	20170831_223457_A.igm	None	24mm2017_08_31 22_34_32.jpg
								24mm2017_08_31_22_34_39.jpg
								24mm2017_08_31_22_34_45.jpg
								24mm2017_08_31_22_34_51.jpg
								20170831223505085.jpg
								20170831223511440.jpg
								20170831223517796.jpg
								20170831223524150.jpg
7	8/31/2017	22:50:06	3116	305	114	20170831_225010_A.igm	None	24mm2017_08_31 22_49_46.jpg
								24mm2017_08_31_22_49_52.jpg
								24mm2017_08_31_22_49_58.jpg
								24mm2017_08_31_22_50_05.jpg
								24mm2017_08_31_22_50_11.jpg
								20170831225018387.jpg
								20170831225024742.jpg
								20170831225031097.jpg
								20170831225037452.jpg
								20170831225043807.jpg
8	8/31/2017	22:56:08	2921	306	117	20170831_225612_A.igm	None	24mm2017_08_31 22_55_48.jpg
								24mm2017_08_31_22_55_54.jpg
								24mm2017_08_31_22_56_00.jpg
								24mm2017_08_31_22_56_07.jpg
								20170831225620621.jpg
								20170831225626976.jpg
								20170831225633331.jpg
								20170831225639686.jpg
9	8/31/2017	23:32:23	2865	308	117	20170831_233227_A.igm	None	24mm2017_08_31 23_32_03.jpg
								24mm2017_08_31_23_32_09.jpg
								24mm2017_08_31_23_32_15.jpg
								24mm2017_08_31_23_32_22.jpg
								20170831233235814.jpg
								20170831233242169.jpg
								20170831233248524.jpg
								20170831233253971.jpg

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Flight 6 – 1 September 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/1/2017	11:51:57	3040	321	123	20170901_115200_A.igm	None	24mm2017_09_01 11_51_56.jpg
								24mm2017_09_01_11_52_02.jpg
								24mm2017_09_01_11_52_08.jpg
								24mm2017_09_01_11_52_14.jpg
								20170901115209870.jpg
								20170901115216225.jpg
								20170901115222579.jpg
								20170901115228935.jpg
2	9/1/2017	11:56:19	3074	318	123	20170901_115623_A.igm	None	24mm2017_09_01 11_56_17.jpg
								24mm2017_09_01_11_56_24.jpg
								24mm2017_09_01_11_56_30.jpg
								24mm2017_09_01_11_56_36.jpg
								20170901115631333.jpg
								20170901115637687.jpg
								20170901115644043.jpg
								20170901115650398.jpg
3	9/1/2017	12:00:22	2933	319	131	20170901_120025_A.igm	None	24mm2017_09_01 12_00_20.jpg
								24mm2017_09_01_12_00_26.jpg
								24mm2017_09_01_12_00_32.jpg
								20170901120033730.jpg
								20170901120040085.jpg
								20170901120046441.jpg
4	9/1/2017	12:10:38	2841	314	127	20170901_121042_A.igm	None	24mm2017_09_01 12_10_37.jpg
								24mm2017_09_01_12_10_43.jpg
								24mm2017_09_01_12_10_49.jpg
								20170901121051071.jpg
								20170901121057426.jpg
								20170901121102875.jpg
5	9/1/2017	12:15:39	2932	313	131	20170901_121543_A.igm	None	24mm2017_09_01 12_15_38.jpg
								24mm2017_09_01_12_15_44.jpg
								24mm2017_09_01_12_15_50.jpg
								20170901121551570.jpg
								20170901121557924.jpg
								20170901121604281.jpg
6	9/1/2017	12:47:44	3078	311	120	20170901_124747_A.igm	None	24mm2017_09_01 12_47_42.jpg
								24mm2017_09_01_12_47_49.jpg
								24mm2017_09_01_12_47_55.jpg
								24mm2017_09_01_12_48_01.jpg
								20170901124756211.jpg
								20170901124802566.jpg

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								20170901124808921.jpg
								20170901124815278.jpg
7	9/1/2017	12:52:18	3056	311	123	20170901_125221_A.igm	None	24mm2017_09_01 12_52_16.jpg
								24mm2017_09_01_12_52_22.jpg
								24mm2017_09_01_12_52_29.jpg
								24mm2017_09_01_12_52_35.jpg
								20170901125230380.jpg
								20170901125236735.jpg
								20170901125243091.jpg
								20170901125249444.jpg
8	9/1/2017	13:02:19	2964	315	131	20170901_130223_A.igm	None	24mm2017_09_01 13_02_17.jpg
								24mm2017_09_01_13_02_23.jpg
								24mm2017_09_01_13_02_29.jpg
								20170901130231377.jpg
								20170901130237733.jpg
								20170901130244087.jpg
9	9/1/2017	13:35:05	3060	315	127	20170901_133509_A.igm	None	24mm2017_09_01 13_35_03.jpg
								24mm2017_09_01_13_35_09.jpg
								24mm2017_09_01_13_35_16.jpg
								24mm2017_09_01_13_35_22.jpg
								20170901133517756.jpg
								20170901133523202.jpg
								20170901133529558.jpg
								20170901133535912.jpg
10	9/1/2017	13:39:23	3093	315	127	20170901_133927_A.igm	None	24mm2017_09_01 13_39_21.jpg
								24mm2017_09_01_13_39_27.jpg
								24mm2017_09_01_13_39_34.jpg
								20170901133935586.jpg
								20170901133941942.jpg
								20170901133948296.jpg

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Flight 7 – 1 September 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/1/2017	15:59:13	426	47	90	None	None	24mm2017_09_01 15_58_56.jpg
								24mm2017_09_01_15_58_58.jpg
								24mm2017_09_01_15_59_06.jpg
								20170901155925924.jpg
								20170901155935911.jpg
								20170901155942264.jpg
2	9/1/2017	16:17:59	3041	319	122	20170901_161802_A.igm	None	24mm2017_09_01 15_59_12.jpg
								24mm2017_09_01_16_17_41.jpg
								24mm2017_09_01_16_17_47.jpg
								24mm2017_09_01_16_17_54.jpg
								20170901161810671.jpg
								20170901161817026.jpg
								20170901161823384.jpg
								20170901161829737.jpg
3	9/1/2017	16:26:10	2989	314	129	20170901_162614_A.igm	None	24mm2017_09_01 16_18_00.jpg
								24mm2017_09_01_16_25_53.jpg
								24mm2017_09_01_16_25_59.jpg
								20170901162622729.jpg
								20170901162628176.jpg
								20170901162634530.jpg
4	9/1/2017	16:32:53	3043	97	115	20170901_163257_A.igm	None	24mm2017_09_01 16_26_05.jpg
								24mm2017_09_01_16_32_36.jpg
								24mm2017_09_01_16_32_42.jpg
								20170901163304901.jpg
								20170901163311256.jpg
								20170901163317611.jpg
5	9/1/2017	16:35:35	3046	30	115	20170901_163539_A.igm	None	24mm2017_09_01 16_32_48.jpg
								24mm2017_09_01_16_35_18.jpg
								24mm2017_09_01_16_35_24.jpg
								24mm2017_09_01_16_35_30.jpg
								24mm2017_09_01_16_35_37.jpg
								20170901163547406.jpg
								20170901163553761.jpg
								20170901163600117.jpg
								20170901163606471.jpg
								20170901163612826.jpg
6	9/1/2017	16:40:07	3165	227	114	20170901_164012_A.igm	None	24mm2017_09_01 16_35_43.jpg
								24mm2017_09_01_16_39_50.jpg
								24mm2017_09_01_16_39_57.jpg
								24mm2017_09_01_16_40_03.jpg

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								20170901164019764.jpg
								20170901164026117.jpg
								20170901164032473.jpg
								20170901164038827.jpg
7	9/1/2017	16:44:28	2955	264	129	20170901_164431_A.igm	None	24mm2017_09_01 16_40_09.jpg
								20170901164439408.jpg
8	9/1/2017	16:59:35	2996	281	127	20170901_165939_A.igm	None	24mm2017_09_01 16_44_10.jpg
								24mm2017_09_01_16_59_18.jpg
								24mm2017_09_01_16_59_24.jpg
								20170901165947242.jpg
								20170901165953597.jpg
								20170901165959951.jpg
9	9/1/2017	17:04:15	3048	72	118	20170901_170420_A.igm	None	24mm2017_09_01 16_59_30.jpg
								24mm2017_09_01_17_03_58.jpg
								24mm2017_09_01_17_04_05.jpg
								20170901170427754.jpg
								20170901170434108.jpg
								20170901170440463.jpg
10	9/1/2017	0.71458	3009	239	125	20170901_170904_A.igm	None	24mm2017_09_01 17_04_11.jpg
						20170901_170943_A.igm		24mm2017_09_01_17_08_43.jpg
								24mm2017_09_01_17_08_49.jpg
								24mm2017_09_01_17_08_55.jpg
								24mm2017_09_01_17_09_02.jpg
								24mm2017_09_01_17_09_08.jpg
								24mm2017_09_01_17_09_14.jpg
								24mm2017_09_01_17_09_21.jpg
								24mm2017_09_01_17_09_27.jpg
								24mm2017_09_01_17_09_33.jpg
								20170901170912805.jpg
								20170901170919162.jpg
								20170901170924608.jpg
								20170901170930963.jpg
								20170901170937318.jpg
								20170901170943673.jpg
								20170901170950028.jpg
								20170901170956382.jpg
								20170901171002737.jpg
								20170901171009093.jpg
11	9/1/2017	17:15:17	3146	44	115	20170901_171520_A.igm	None	24mm2017_09_01 17_09_40.jpg
								24mm2017_09_01_17_14_59.jpg
								20170901171528658.jpg
								20170901171535012.jpg
12	9/1/2017	17:18:05	3061	39	111	20170901_171808_A.igm	None	24mm2017_09_01 17_15_06.jpg
								24mm2017_09_01_17_17_47.jpg

DRAFT

								24mm2017_09_01_17_17_53.jpg
								24mm2017_09_01_17_18_00.jpg
								20170901171816610.jpg
								20170901171822965.jpg
								20170901171829320.jpg
								20170901171835676.jpg
13	9/1/2017	17:21:21	3124	88	109	20170901_172125_A.igm	None	24mm2017_09_01 17_18_06.jpg
								24mm2017_09_01_17_21_04.jpg
								24mm2017_09_01_17_21_10.jpg
								20170901172133611.jpg
								20170901172139056.jpg
								20170901172145412.jpg
14	9/1/2017	17:24:05	3162	290	115	20170901_172409_A.igm	None	24mm2017_09_01 17_21_16.jpg
								24mm2017_09_01_17_23_47.jpg
								24mm2017_09_01_17_23_54.jpg
								24mm2017_09_01_17_24_00.jpg
								24mm2017_09_01_17_24_06.jpg
								24mm2017_09_01_17_24_12.jpg
								20170901172417021.jpg
								20170901172423377.jpg
								20170901172429733.jpg
								20170901172436086.jpg
								20170901172442441.jpg
								20170901172447888.jpg
15	9/1/2017	17:27:28	2943	54	121	20170901_172731_A.igm	None	24mm2017_09_01 17_24_19.jpg
								24mm2017_09_01_17_27_10.jpg
								24mm2017_09_01_17_27_17.jpg
								24mm2017_09_01_17_27_23.jpg
								20170901172739469.jpg
								20170901172745827.jpg
								20170901172752179.jpg
								20170901172758534.jpg
16	9/1/2017	17:32:51	3068	313	123	20170901_173255_A.igm	None	24mm2017_09_01 17_27_29.jpg
								24mm2017_09_01_17_32_34.jpg
								24mm2017_09_01_17_32_40.jpg
								20170901173303574.jpg
								20170901173309928.jpg
								20170901173316286.jpg
17	9/1/2017	17:36:42	3068	312	123	20170901_173646_A.igm	None	24mm2017_09_01 17_32_46.jpg
								20170901173654169.jpg
18	9/1/2017	17:40:39	2999	314	124	20170901_174042_A.igm	None	24mm2017_09_01 17_36_25.jpg
								24mm2017_09_01_17_40_22.jpg
								20170901174051119.jpg
								20170901174057474.jpg

DRAFT

19	9/1/2017	17:44:34	3058	313	121	20170901_174439_A.igm	None	24mm2017_09_01 17_40_28.jpg
								24mm2017_09_01_17_44_17.jpg
								24mm2017_09_01_17_44_23.jpg
								20170901174447157.jpg
								20170901174452603.jpg
								20170901174458957.jpg
20	9/1/2017	18:33:03	3007	316	122	20170901_183306_A.igm	None	24mm2017_09_01 17_44_30.jpg
								24mm2017_09_01_18_32_46.jpg
								24mm2017_09_01_18_32_52.jpg
								24mm2017_09_01_18_32_59.jpg
								20170901183315842.jpg
								20170901183322198.jpg
								20170901183328552.jpg
								20170901183334908.jpg
21	9/1/2017	18:45:17	3036	67	122	None	None	24mm2017_09_01 18_33_05.jpg
								24mm2017_09_01_18_45_00.jpg
								24mm2017_09_01_18_45_07.jpg
								24mm2017_09_01_18_45_13.jpg
								20170901184529389.jpg
								20170901184535744.jpg
								20170901184542099.jpg
								20170901184548454.jpg
22	9/1/2017	18:48:42	3114	349	119	None	None	24mm2017_09_01 18_45_19.jpg
								24mm2017_09_01_18_48_25.jpg
								24mm2017_09_01_18_48_31.jpg
								24mm2017_09_01_18_48_38.jpg
								20170901184854565.jpg
								20170901184900919.jpg
								20170901184907274.jpg
								20170901184913630.jpg
23	9/1/2017	18:52:03	2980	3	120	None	None	24mm2017_09_01 18_48_44.jpg
								24mm2017_09_01_18_51_46.jpg
								24mm2017_09_01_18_51_52.jpg
								24mm2017_09_01_18_51_59.jpg
								20170901185215203.jpg
								20170901185221555.jpg
								20170901185227916.jpg
								20170901185234266.jpg
24	9/1/2017	19:00:25	3060	318	121	None	None	24mm2017_09_01 18_52_05.jpg
								24mm2017_09_01_19_00_08.jpg
								24mm2017_09_01_19_00_15.jpg
								20170901190038152.jpg
								20170901190044507.jpg
								20170901190050862.jpg

DRAFT

25	9/1/2017	19:03:32	3390	181	112	None	None	24mm2017_09_01 19_00_21.jpg
								24mm2017_09_01_19_03_14.jpg
								24mm2017_09_01_19_03_21.jpg
								24mm2017_09_01_19_03_27.jpg
								20170901190344262.jpg
								20170901190350617.jpg
								20170901190356064.jpg
								20170901190402419.jpg
26	9/1/2017	19:07:36	3018	167	123	None	None	24mm2017_09_01 19_03_33.jpg
								20170901190748475.jpg
27	9/1/2017	19:11:57	3038	331	126	None	None	24mm2017_09_01 19_07_19.jpg
								24mm2017_09_01_19_11_40.jpg
								24mm2017_09_01_19_11_46.jpg
								20170901191209029.jpg
								20170901191215384.jpg
								20170901191221739.jpg
28	9/1/2017	19:14:50	3092	163	128	None	None	24mm2017_09_01 19_11_52.jpg
								24mm2017_09_01_19_14_33.jpg
								20170901191502429.jpg
								20170901191508784.jpg
29	9/1/2017	19:18:39	3088	131	125	None	None	24mm2017_09_01 19_14_39.jpg
								24mm2017_09_01_19_18_22.jpg
								24mm2017_09_01_19_18_28.jpg
								20170901191851211.jpg
								20170901191857565.jpg
								20170901191903919.jpg
30	9/1/2017	19:24:34	3015	310	126	20170901_192438_A.igm	None	24mm2017_09_01 19_18_35.jpg
								24mm2017_09_01_19_24_17.jpg
								24mm2017_09_01_19_24_24.jpg
								20170901192447077.jpg
								20170901192453431.jpg
								20170901192459787.jpg
31	9/1/2017	19:28:48	2957	313	128	20170901_192852_A.igm	None	24mm2017_09_01 19_24_30.jpg
								24mm2017_09_01_19_28_31.jpg
								24mm2017_09_01_19_28_37.jpg
								20170901192900368.jpg
								20170901192906722.jpg
								20170901192913079.jpg
32	9/1/2017	19:42:03	2751	225	134	20170901_194207_A.igm	None	24mm2017_09_01 19_28_43.jpg
								24mm2017_09_01_19_41_46.jpg
								24mm2017_09_01_19_41_52.jpg
								20170901194215626.jpg
								20170901194221073.jpg
								20170901194227428.jpg

DRAFT

33	9/1/2017	19:50:20	2858	339	124	20170901_195025_A.igm	None	24mm2017_09_01 19_41_58.jpg
								24mm2017_09_01_19_50_03.jpg
								24mm2017_09_01_19_50_09.jpg
								24mm2017_09_01_19_50_16.jpg
								24mm2017_09_01_19_50_22.jpg
								20170901195032223.jpg
								20170901195038577.jpg
								20170901195044933.jpg
								20170901195051289.jpg
								20170901195057643.jpg
34	9/1/2017	19:54:27	3130	297	119	None	None	24mm2017_09_01 19_50_28.jpg
								24mm2017_09_01_19_54_10.jpg
								24mm2017_09_01_19_54_16.jpg
								24mm2017_09_01_19_54_22.jpg
								24mm2017_09_01_19_54_29.jpg
								24mm2017_09_01_19_54_35.jpg
								24mm2017_09_01_19_54_41.jpg
								24mm2017_09_01_19_54_47.jpg
								20170901195439159.jpg
								20170901195445515.jpg
								20170901195451870.jpg
								20170901195458224.jpg
								20170901195504579.jpg
								20170901195510935.jpg
								20170901195517290.jpg
								20170901195523644.jpg
35	9/1/2017	20:01:11	2954	0	117	None	None	24mm2017_09_01 19_54_54.jpg
								24mm2017_09_01_20_00_54.jpg
								24mm2017_09_01_20_01_00.jpg
								24mm2017_09_01_20_01_06.jpg
								24mm2017_09_01_20_01_13.jpg
								24mm2017_09_01_20_01_19.jpg
								24mm2017_09_01_20_01_25.jpg
								20170901200123154.jpg
								20170901200129510.jpg
								20170901200135865.jpg
								20170901200142220.jpg
								20170901200148574.jpg
								20170901200154930.jpg
								20170901200201284.jpg
36	9/1/2017	20:04:32	3153	314	121	None	None	24mm2017_09_01 20_01_31.jpg
								24mm2017_09_01_20_04_15.jpg
								24mm2017_09_01_20_04_21.jpg
								24mm2017_09_01_20_04_28.jpg

DRAFT

								20170901200444698.jpg
								20170901200451055.jpg
								20170901200457408.jpg
								20170901200503763.jpg
37	9/1/2017	20:11:50	2877	-6	123	None	None	24mm2017_09_01 20_04_34.jpg
								24mm2017_09_01_20_11_33.jpg
								24mm2017_09_01_20_11_39.jpg
								20170901201202284.jpg
								20170901201208640.jpg
								20170901201214994.jpg
38	9/1/2017	20:14:20	2944	268	123	None	None	24mm2017_09_01 20_11_46.jpg
								24mm2017_09_01_20_14_03.jpg
								24mm2017_09_01_20_14_09.jpg
								24mm2017_09_01_20_14_16.jpg
								24mm2017_09_01_20_14_22.jpg
								24mm2017_09_01_20_14_28.jpg
								24mm2017_09_01_20_14_34.jpg
								24mm2017_09_01_20_14_41.jpg
								20170901201432989.jpg
								20170901201439343.jpg
								20170901201444790.jpg
								20170901201451145.jpg
								20170901201457500.jpg
								20170901201503856.jpg
								20170901201510210.jpg
								20170901201516566.jpg
39	9/1/2017	20:17:47	3145	281	112	None	None	24mm2017_09_01 20_14_47.jpg
								24mm2017_09_01_20_17_30.jpg
								24mm2017_09_01_20_17_36.jpg
								24mm2017_09_01_20_17_43.jpg
								20170901201759980.jpg
								20170901201806334.jpg
								20170901201812690.jpg
								20170901201818137.jpg
40	9/1/2017	20:21:08	2987	83	126	None	None	24mm2017_09_01 20_17_49.jpg
								24mm2017_09_01_20_20_51.jpg
								24mm2017_09_01_20_20_57.jpg
								24mm2017_09_01_20_21_03.jpg
								24mm2017_09_01_20_21_10.jpg
								24mm2017_09_01_20_21_16.jpg
								20170901202120616.jpg
								20170901202126970.jpg
								20170901202133325.jpg
								20170901202139680.jpg

DRAFT

								20170901202146037.jpg
								20170901202151483.jpg
41	9/1/2017	20:24:26	3088	112	116	None	None	24mm2017_09_01 20_21_22.jpg
								24mm2017_09_01_20_24_09.jpg
								24mm2017_09_01_20_24_15.jpg
								24mm2017_09_01_20_24_22.jpg
								24mm2017_09_01_20_24_28.jpg
								24mm2017_09_01_20_24_34.jpg
								20170901202438525.jpg
								20170901202444880.jpg
								20170901202451236.jpg
								20170901202457592.jpg
								20170901202503945.jpg
								20170901202510300.jpg
42	9/1/2017	20:31:51	2958	309	128	20170901_203155_A.igm	None	24mm2017_09_01 20_24_41.jpg
								24mm2017_09_01_20_31_34.jpg
								24mm2017_09_01_20_31_40.jpg
								20170901203203374.jpg
								20170901203209730.jpg
								20170901203216083.jpg

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Flight 8 – 1 September 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/1/2017	22:17:15	3058	36	127	None	None	24mm2017_09_01 22_16_29.jpg
								24mm2017_09_01_22_16_35.jpg
								24mm2017_09_01_22_16_41.jpg
								20170901221727395.jpg
								20170901221733751.jpg
								20170901221740105.jpg
2	9/1/2017	22:19:13	2930	31	139	None	None	24mm2017_09_01 22_18_27.jpg
								24mm2017_09_01_22_18_34.jpg
								24mm2017_09_01_22_18_40.jpg
								20170901221925416.jpg
								20170901221931771.jpg
								20170901221938126.jpg
3	9/1/2017	22:24:27	2982	337	126	20170901_222431_A.igm	None	24mm2017_09_01 22_23_41.jpg
								24mm2017_09_01_22_23_47.jpg
								24mm2017_09_01_22_23_54.jpg
								20170901222439535.jpg
								20170901222445890.jpg
								20170901222452247.jpg
4	9/1/2017	22:28:21	3174	329	150	20170901_222825_A.igm	None	24mm2017_09_01 22_27_35.jpg
								24mm2017_09_01_22_27_41.jpg
								24mm2017_09_01_22_27_47.jpg
								20170901222832854.jpg
								20170901222839208.jpg
								20170901222845563.jpg
5	9/1/2017	22:32:04	3783	341	139	20170901_223208_A.igm	None	24mm2017_09_01 22_31_18.jpg
								24mm2017_09_01_22_31_24.jpg
								20170901223216186.jpg
								20170901223222542.jpg
6	9/1/2017	22:35:19	2699	329	135	20170901_223522_A.igm	None	24mm2017_09_01 22_34_33.jpg
								24mm2017_09_01_22_34_39.jpg
								20170901223531374.jpg
								20170901223537731.jpg
7	9/1/2017	22:37:36	2683	334	114	20170901_223741_A.igm	None	24mm2017_09_01 22_36_50.jpg
								24mm2017_09_01_22_36_57.jpg
								20170901223748461.jpg
								20170901223754815.jpg
8	9/1/2017	22:40:07	3069	-4	128	20170901_224010_A.igm	None	24mm2017_09_01 22_39_20.jpg
								24mm2017_09_01_22_39_27.jpg
								24mm2017_09_01_22_39_33.jpg
								20170901224019165.jpg

DRAFT

								20170901224024611.jpg
								20170901224030968.jpg
9	9/1/2017	22:43:36	2733	218	128	20170901_224340_A.igm	None	24mm2017_09_01 22_42_50.jpg
								24mm2017_09_01_22_42_57.jpg
								20170901224348879.jpg
								20170901224355235.jpg
10	9/1/2017	22:46:28	2803	324	125	20170901_224632_A.igm	None	24mm2017_09_01 22_45_42.jpg
								24mm2017_09_01_22_45_48.jpg
								24mm2017_09_01_22_45_54.jpg
								20170901224640464.jpg
								20170901224646819.jpg
								20170901224653174.jpg
11	9/1/2017	22:49:38	2705	328	122	20170901_224943_A.igm	None	24mm2017_09_01 22_48_52.jpg
								24mm2017_09_01_22_48_59.jpg
								20170901224951113.jpg
								20170901224957469.jpg
12	9/1/2017	22:52:44	2696	333	115	20170901_225247_A.igm	None	24mm2017_09_01 22_51_57.jpg
								24mm2017_09_01_22_52_04.jpg
								20170901225256316.jpg
								20170901225302673.jpg
13	9/1/2017	22:55:13	2693	338	111	20170901_225516_A.igm	None	24mm2017_09_01 22_54_27.jpg
								24mm2017_09_01_22_54_33.jpg
								20170901225525203.jpg
								20170901225531562.jpg
14	9/1/2017	22:57:55	2593	347	102	20170901_225759_A.igm	None	24mm2017_09_01 22_57_09.jpg
								24mm2017_09_01_22_57_16.jpg
								24mm2017_09_01_22_57_22.jpg
								20170901225807710.jpg
								20170901225814064.jpg
								20170901225820420.jpg
15	9/1/2017	23:01:47	2822	332	115	20170901_230151_A.igm	None	24mm2017_09_01 23_01_01.jpg
								24mm2017_09_01_23_01_07.jpg
								24mm2017_09_01_23_01_13.jpg
								20170901230159215.jpg
								20170901230205568.jpg
								20170901230211923.jpg
16	9/1/2017	23:05:22	2905	339	113	20170901_230526_A.igm	None	24mm2017_09_01 23_04_36.jpg
								24mm2017_09_01_23_04_43.jpg
								24mm2017_09_01_23_04_49.jpg
								20170901230535275.jpg
								20170901230541625.jpg
								20170901230547980.jpg
17	9/1/2017	23:10:13	2851	311	118	20170901_231017_A.igm	None	24mm2017_09_01 23_09_27.jpg
								24mm2017_09_01_23_09_34.jpg

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								24mm2017_09_01_23_09_40.jpg
								24mm2017_09_01_23_09_46.jpg
								20170901231025785.jpg
								20170901231032140.jpg
								20170901231038496.jpg
								20170901231044850.jpg
18	9/1/2017	23:14:22	2735	313	108	20170901_231425_A.igm	None	24mm2017_09_01 23_13_36.jpg
								24mm2017_09_01_23_13_42.jpg
								24mm2017_09_01_23_13_48.jpg
								20170901231434536.jpg
								20170901231440891.jpg
								20170901231447248.jpg
19	9/1/2017	23:17:42	2820	329	115	20170901_231746_A.igm	None	24mm2017_09_01 23_16_55.jpg
								24mm2017_09_01_23_17_02.jpg
								20170901231754262.jpg
								20170901231800617.jpg
20	9/1/2017	23:28:17	2949	315	113	20170901_232820_A.igm	None	24mm2017_09_01 23_27_31.jpg
								24mm2017_09_01_23_27_37.jpg
								24mm2017_09_01_23_27_43.jpg
								20170901232828851.jpg
								20170901232835206.jpg
								20170901232841561.jpg
21	9/1/2017	23:32:07	2939	317	113	20170901_233212_A.igm	None	24mm2017_09_01 23_31_21.jpg
								24mm2017_09_01_23_31_27.jpg
								20170901233219446.jpg
								20170901233225803.jpg
22	9/1/2017	23:35:40	2842	315	121	20170901_233544_A.igm	None	24mm2017_09_01 23_34_54.jpg
								24mm2017_09_01_23_35_00.jpg
								24mm2017_09_01_23_35_07.jpg
								20170901233552792.jpg
								20170901233559146.jpg
								20170901233605502.jpg
23	9/1/2017	23:41:30	2985	311	120	20170901_234133_A.igm	None	24mm2017_09_01 23_40_43.jpg
								24mm2017_09_01_23_40_50.jpg
								20170901234142306.jpg
								20170901234148661.jpg

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Flight 9 – 2 September 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/2/2017	13:06:41	3060	252	113	None	None	24mm2017_09_02 13_05_57.jpg
								24mm2017_09_02_13_06_04.jpg
								24mm2017_09_02_13_06_10.jpg
								20170902130653659.jpg
								20170902130659105.jpg
								20170902130705460.jpg
2	9/2/2017	13:11:35	3090	261	115	None	None	24mm2017_09_02 13_10_52.jpg
								24mm2017_09_02_13_10_58.jpg
								24mm2017_09_02_13_11_04.jpg
								20170902131147795.jpg
								20170902131154150.jpg
								20170902131200505.jpg
3	9/2/2017	13:14:37	3052	75	123	None	None	24mm2017_09_02 13_13_54.jpg
								24mm2017_09_02_13_14_00.jpg
								24mm2017_09_02_13_14_07.jpg
								24mm2017_09_02_13_14_13.jpg
								20170902131450269.jpg
								20170902131456625.jpg
								20170902131502978.jpg
								20170902131508427.jpg
4	9/2/2017	13:21:02	2981	329	129	20170902_132107_A.igm	None	24mm2017_09_02 13_20_19.jpg
								24mm2017_09_02_13_20_25.jpg
								24mm2017_09_02_13_20_31.jpg
								20170902132114289.jpg
								20170902132120644.jpg
								20170902132126999.jpg
5	9/2/2017	13:25:48	2969	336	131	20170902_132552_A.igm	None	24mm2017_09_02 13_25_04.jpg
								24mm2017_09_02_13_25_11.jpg
								24mm2017_09_02_13_25_17.jpg
								20170902132600264.jpg
								20170902132606622.jpg
								20170902132612974.jpg
6	9/2/2017	13:32:28	2964	165	119	None	None	24mm2017_09_02 13_31_44.jpg
								24mm2017_09_02_13_31_51.jpg
								20170902133240626.jpg
								20170902133246073.jpg
7	9/2/2017	13:36:13	3050	143	118	None	None	24mm2017_09_02 13_35_29.jpg
								24mm2017_09_02_13_35_35.jpg
								24mm2017_09_02_13_35_42.jpg
								24mm2017_09_02_13_35_48.jpg

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								24mm2017_09_02_13_35_54.jpg
								24mm2017_09_02_13_36_01.jpg
								24mm2017_09_02_13_36_07.jpg
								24mm2017_09_02_13_36_13.jpg
								20170902133624862.jpg
								20170902133631218.jpg
								20170902133637573.jpg
								20170902133643926.jpg
								20170902133650281.jpg
								20170902133656636.jpg
								20170902133702991.jpg
								20170902133709346.jpg
8	9/2/2017	13:39:29	3039	84	121	None	None	24mm2017_09_02 13_38_46.jpg
								24mm2017_09_02_13_38_52.jpg
								20170902133941863.jpg
								20170902133948217.jpg
9	9/2/2017	13:42:18	3157	300	116	None	None	24mm2017_09_02 13_41_34.jpg
								24mm2017_09_02_13_41_40.jpg
								24mm2017_09_02_13_41_47.jpg
								24mm2017_09_02_13_41_53.jpg
								20170902134229817.jpg
								20170902134236168.jpg
								20170902134242523.jpg
								20170902134248879.jpg
10	9/2/2017	13:44:45	3137	343	115	None	None	24mm2017_09_02 13_44_01.jpg
								24mm2017_09_02_13_44_08.jpg
								24mm2017_09_02_13_44_14.jpg
								24mm2017_09_02_13_44_20.jpg
								20170902134456883.jpg
								20170902134503238.jpg
								20170902134509592.jpg
								20170902134515947.jpg
11	9/2/2017	13:47:39	3036	16	125	None	None	24mm2017_09_02 13_46_55.jpg
								24mm2017_09_02_13_47_02.jpg
								24mm2017_09_02_13_47_08.jpg
								24mm2017_09_02_13_47_14.jpg
								20170902134751191.jpg
								20170902134757545.jpg
								20170902134803900.jpg
								20170902134810256.jpg
12	9/2/2017	13:50:56	3024	175	115	20170902_135101_A.igm	None	24mm2017_09_02 13_50_13.jpg
								24mm2017_09_02_13_50_19.jpg
								24mm2017_09_02_13_50_26.jpg
								24mm2017_09_02_13_50_32.jpg

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								24mm2017_09_02_13_50_38.jpg
								20170902135109102.jpg
								20170902135115458.jpg
								20170902135121813.jpg
								20170902135127260.jpg
								20170902135133614.jpg
13	9/2/2017	13:53:50	2974	331	121	None	None	24mm2017_09_02 13_53_07.jpg
								24mm2017_09_02_13_53_13.jpg
								24mm2017_09_02_13_53_19.jpg
								24mm2017_09_02_13_53_26.jpg
								24mm2017_09_02_13_53_32.jpg
								20170902135402493.jpg
								20170902135408848.jpg
								20170902135415202.jpg
								20170902135421558.jpg
								20170902135427911.jpg
14	9/2/2017	13:57:13	3083	293	112	20170902_135717_A.igm	None	24mm2017_09_02 13_56_29.jpg
								24mm2017_09_02_13_56_36.jpg
								24mm2017_09_02_13_56_42.jpg
								24mm2017_09_02_13_56_48.jpg
								24mm2017_09_02_13_56_55.jpg
								20170902135724936.jpg
								20170902135731291.jpg
								20170902135737646.jpg
								20170902135744000.jpg
								20170902135750355.jpg
15	9/2/2017	14:04:32	2978	267	124	20170902_140436_A.igm	None	24mm2017_09_02 14_03_49.jpg
								24mm2017_09_02_14_03_55.jpg
								24mm2017_09_02_14_04_01.jpg
								24mm2017_09_02_14_04_07.jpg
								20170902140444338.jpg
								20170902140450692.jpg
								20170902140457049.jpg
								20170902140503403.jpg
16	9/2/2017	14:07:40	2933	70	121	20170902_140744_A.igm	None	24mm2017_09_02 14_06_57.jpg
								24mm2017_09_02_14_07_03.jpg
								24mm2017_09_02_14_07_10.jpg
								24mm2017_09_02_14_07_16.jpg
								24mm2017_09_02_14_07_22.jpg
								20170902140753171.jpg
								20170902140759526.jpg
								20170902140805882.jpg
								20170902140812236.jpg
								20170902140818591.jpg

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17	9/2/2017	14:11:21	2989	75	116	20170902_141124_A.igm	None	24mm2017_09_02 14_10_38.jpg
						20170902_141204_A.igm		24mm2017_09_02_14_10_44.jpg
								24mm2017_09_02_14_10_50.jpg
								24mm2017_09_02_14_10_57.jpg
								24mm2017_09_02_14_11_03.jpg
								24mm2017_09_02_14_11_09.jpg
								24mm2017_09_02_14_11_16.jpg
								24mm2017_09_02_14_11_22.jpg
								20170902141133781.jpg
								20170902141140135.jpg
								20170902141146489.jpg
								20170902141152844.jpg
								20170902141159199.jpg
								20170902141205554.jpg
								20170902141211910.jpg
								20170902141218264.jpg
18	9/2/2017	14:16:18	3048	243	115	20170902_141622_A.igm	None	24mm2017_09_02 14_15_35.jpg
								24mm2017_09_02_14_15_41.jpg
								24mm2017_09_02_14_15_48.jpg
								24mm2017_09_02_14_15_54.jpg
								24mm2017_09_02_14_16_00.jpg
								24mm2017_09_02_14_16_07.jpg
								24mm2017_09_02_14_16_13.jpg
								20170902141630648.jpg
								20170902141637003.jpg
								20170902141643358.jpg
								20170902141649712.jpg
								20170902141656067.jpg
								20170902141702423.jpg
								20170902141708780.jpg
19	9/2/2017	14:19:24	3000	94	117	20170902_141927_A.igm	None	24mm2017_09_02 14_18_41.jpg
								24mm2017_09_02_14_18_47.jpg
								24mm2017_09_02_14_18_53.jpg
								24mm2017_09_02_14_18_59.jpg
								24mm2017_09_02_14_19_06.jpg
								24mm2017_09_02_14_19_12.jpg
								20170902141936751.jpg
								20170902141943105.jpg
								20170902141948552.jpg
								20170902141954906.jpg
								20170902142001259.jpg
								20170902142007615.jpg
20	9/2/2017	14:22:44	3013	272	115	20170902_142248_A.igm	None	24mm2017_09_02 14_22_01.jpg
								24mm2017_09_02_14_22_07.jpg

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								24mm2017_09_02_14_22_13.jpg
								24mm2017_09_02_14_22_20.jpg
								24mm2017_09_02_14_22_26.jpg
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								20170902142302816.jpg
								20170902142309171.jpg
								20170902142315526.jpg
								20170902142321879.jpg
21	9/2/2017	14:25:55	3032	179	117	20170902_142558_A.igm	None	24mm2017_09_02 14_25_11.jpg
								24mm2017_09_02_14_25_18.jpg
								24mm2017_09_02_14_25_24.jpg
								24mm2017_09_02_14_25_30.jpg
								20170902142607101.jpg
								20170902142613455.jpg
								20170902142619810.jpg
								20170902142626166.jpg
22	9/2/2017	14:28:33	3007	-4	127	None	None	24mm2017_09_02 14_27_50.jpg
								24mm2017_09_02_14_27_56.jpg
								24mm2017_09_02_14_28_02.jpg
								20170902142845975.jpg
								20170902142851422.jpg
								20170902142857777.jpg
23	9/2/2017	14:31:58	2994	144	123	20170902_143201_A.igm	None	24mm2017_09_02 14_31_14.jpg
						20170902_143240_A.igm		24mm2017_09_02_14_31_20.jpg
						20170902_143320_A.igm		24mm2017_09_02_14_31_27.jpg
						20170902_143359_A.igm		24mm2017_09_02_14_31_33.jpg
								24mm2017_09_02_14_31_39.jpg
								24mm2017_09_02_14_31_46.jpg
								24mm2017_09_02_14_31_52.jpg
								24mm2017_09_02_14_31_58.jpg
								24mm2017_09_02_14_32_05.jpg
								24mm2017_09_02_14_32_11.jpg
								24mm2017_09_02_14_32_17.jpg
								24mm2017_09_02_14_32_23.jpg
								24mm2017_09_02_14_32_30.jpg
								24mm2017_09_02_14_32_36.jpg
								24mm2017_09_02_14_32_42.jpg
								24mm2017_09_02_14_32_49.jpg
								24mm2017_09_02_14_32_55.jpg
								24mm2017_09_02_14_33_01.jpg
								24mm2017_09_02_14_33_08.jpg
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								20170902143241109.jpg
								20170902143247463.jpg
								20170902143253819.jpg
								20170902143300174.jpg
								20170902143306528.jpg
								20170902143312884.jpg
								20170902143319239.jpg
								20170902143325593.jpg
								20170902143331948.jpg
								20170902143338303.jpg
								20170902143344657.jpg
								20170902143351013.jpg
								20170902143357368.jpg
								20170902143403723.jpg
								20170902143410078.jpg
								20170902143415526.jpg
24	9/2/2017	14:42:45	3042	351	123	20170902_144248_A.igm	None	24mm2017_09_02 14_42_01.jpg
						20170902_144328_A.igm		24mm2017_09_02_14_42_08.jpg
						20170902_144407_A.igm		24mm2017_09_02_14_42_14.jpg
						20170902_144446_A.igm		24mm2017_09_02_14_42_20.jpg
								24mm2017_09_02_14_42_27.jpg
								24mm2017_09_02_14_42_33.jpg
								24mm2017_09_02_14_42_39.jpg
								24mm2017_09_02_14_42_46.jpg
								24mm2017_09_02_14_42_52.jpg
								24mm2017_09_02_14_42_58.jpg
								24mm2017_09_02_14_43_05.jpg
								24mm2017_09_02_14_43_11.jpg
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								24mm2017_09_02_14_43_36.jpg
								24mm2017_09_02_14_43_42.jpg
								24mm2017_09_02_14_43_49.jpg
								24mm2017_09_02_14_43_55.jpg
								24mm2017_09_02_14_44_01.jpg
								24mm2017_09_02_14_44_08.jpg
								24mm2017_09_02_14_44_14.jpg
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								20170902144310250.jpg
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								20170902144322961.jpg
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								20170902144334764.jpg
								20170902144341119.jpg
								20170902144347473.jpg
								20170902144353827.jpg
								20170902144400183.jpg
								20170902144406538.jpg
								20170902144412893.jpg
								20170902144419247.jpg
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								20170902144438313.jpg
								20170902144444667.jpg
								20170902144451022.jpg
								20170902144457378.jpg
								20170902144503732.jpg
								20170902144510087.jpg
25	9/2/2017	14:53:26	3083	176	120	20170902_145329_A.igm	None	24mm2017_09_02 14_52_42.jpg
						20170902_145408_A.igm		24mm2017_09_02_14_52_48.jpg
						20170902_145449_A.igm		24mm2017_09_02_14_52_55.jpg
								24mm2017_09_02_14_53_01.jpg
								24mm2017_09_02_14_53_07.jpg
								24mm2017_09_02_14_53_14.jpg
								24mm2017_09_02_14_53_20.jpg
								24mm2017_09_02_14_53_26.jpg
								24mm2017_09_02_14_53_32.jpg
								24mm2017_09_02_14_53_39.jpg
								24mm2017_09_02_14_53_45.jpg
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								24mm2017_09_02_14_54_04.jpg
								24mm2017_09_02_14_54_10.jpg
								24mm2017_09_02_14_54_17.jpg
								24mm2017_09_02_14_54_23.jpg
								24mm2017_09_02_14_54_29.jpg
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								20170902145350287.jpg
								20170902145356643.jpg
								20170902145402998.jpg

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								20170902145409353.jpg
								20170902145415709.jpg
								20170902145422065.jpg
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								20170902145434773.jpg
								20170902145441128.jpg
								20170902145447483.jpg
								20170902145453838.jpg
								20170902145500193.jpg
								20170902145506549.jpg
								20170902145512902.jpg
								20170902145518349.jpg
								20170902145524704.jpg
								20170902145531060.jpg
26	9/2/2017	15:03:12	2998	262	122	20170902_150316_A.igm	None	24mm2017_09_02 15_02_28.jpg
						20170902_150355_A.igm		24mm2017_09_02_15_02_35.jpg
								24mm2017_09_02_15_02_41.jpg
								24mm2017_09_02_15_02_47.jpg
								24mm2017_09_02_15_02_53.jpg
								24mm2017_09_02_15_03_00.jpg
								24mm2017_09_02_15_03_06.jpg
								24mm2017_09_02_15_03_12.jpg
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								24mm2017_09_02_15_03_25.jpg
								24mm2017_09_02_15_03_31.jpg
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								20170902150324052.jpg
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								20170902150402181.jpg
								20170902150408537.jpg
								20170902150414892.jpg
								20170902150421247.jpg
								20170902150426693.jpg
								20170902150433049.jpg
								20170902150439404.jpg
27	9/2/2017	15:09:06	2997	252	122	20170902_150909_A.igm	None	24mm2017_09_02 15_08_22.jpg
						20170902_150948_A.igm		24mm2017_09_02_15_08_28.jpg
								24mm2017_09_02_15_08_35.jpg
								24mm2017_09_02_15_08_41.jpg

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								24mm2017_09_02_15_08_47.jpg
								24mm2017_09_02_15_08_53.jpg
								24mm2017_09_02_15_09_00.jpg
								24mm2017_09_02_15_09_06.jpg
								20170902150918115.jpg
								20170902150924470.jpg
								20170902150930825.jpg
								20170902150936272.jpg
								20170902150942626.jpg
								20170902150948982.jpg
								20170902150955337.jpg
								20170902151001691.jpg
28	9/2/2017	15:14:03	3039	69	122	20170902_151406_A.igm	None	24mm2017_09_02 15_13_19.jpg
								24mm2017_09_02_15_13_26.jpg
								24mm2017_09_02_15_13_32.jpg
								24mm2017_09_02_15_13_38.jpg
								24mm2017_09_02_15_13_45.jpg
								20170902151414983.jpg
								20170902151421339.jpg
								20170902151427693.jpg
								20170902151434048.jpg
								20170902151440403.jpg
29	9/2/2017	15:17:32	3043	308	121	20170902_151736_A.igm	None	24mm2017_09_02 15_16_48.jpg
								24mm2017_09_02_15_16_55.jpg
								24mm2017_09_02_15_17_01.jpg
								20170902151743790.jpg
								20170902151750144.jpg
								20170902151756500.jpg
30	9/2/2017	15:22:29	3168	180	120	20170902_152233_A.igm	None	24mm2017_09_02 15_21_45.jpg
								24mm2017_09_02_15_21_52.jpg
								24mm2017_09_02_15_21_58.jpg
								24mm2017_09_02_15_22_04.jpg
								20170902152241565.jpg
								20170902152247012.jpg
								20170902152253367.jpg
								20170902152259723.jpg
31	9/2/2017	15:28:01	3028	267	123	20170902_152806_A.igm	None	24mm2017_09_02 15_27_18.jpg
								24mm2017_09_02_15_27_24.jpg
								24mm2017_09_02_15_27_30.jpg
								24mm2017_09_02_15_27_36.jpg
								24mm2017_09_02_15_27_43.jpg
								20170902152813840.jpg
								20170902152819287.jpg
								20170902152825642.jpg

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								20170902152831998.jpg
								20170902152838352.jpg
32	9/2/2017	15:31:35	3026	84	125	None	None	24mm2017_09_02 15_30_52.jpg
								24mm2017_09_02_15_30_58.jpg
								24mm2017_09_02_15_31_05.jpg
								20170902153148094.jpg
								20170902153154449.jpg
								20170902153200804.jpg
33	9/2/2017	15:33:45	2893	268	126	None	None	24mm2017_09_02 15_33_02.jpg
								24mm2017_09_02_15_33_08.jpg
								24mm2017_09_02_15_33_14.jpg
								20170902153357918.jpg
								20170902153403365.jpg
								20170902153409719.jpg
34	9/2/2017	15:37:08	3159	278	118	20170902_153712_A.igm	None	24mm2017_09_02 15_36_24.jpg
								24mm2017_09_02_15_36_31.jpg
								24mm2017_09_02_15_36_37.jpg
								24mm2017_09_02_15_36_43.jpg
								24mm2017_09_02_15_36_50.jpg
								20170902153720369.jpg
								20170902153726725.jpg
								20170902153733079.jpg
								20170902153739434.jpg
								20170902153745788.jpg
35	9/2/2017	15:43:35	3133	323	118	20170902_154339_A.igm	None	24mm2017_09_02 15_42_51.jpg
								24mm2017_09_02_15_42_57.jpg
								24mm2017_09_02_15_43_04.jpg
								20170902154347116.jpg
								20170902154353470.jpg
								20170902154359826.jpg
36	9/2/2017	15:48:54	3081	349	125	None	None	24mm2017_09_02 15_48_11.jpg
								24mm2017_09_02_15_48_17.jpg
								24mm2017_09_02_15_48_23.jpg
								20170902154906680.jpg
								20170902154913034.jpg
								20170902154919389.jpg
37	9/2/2017	16:27:02	3117	333	121	20170902_162706_A.igm	None	24mm2017_09_02 16_26_19.jpg
								24mm2017_09_02_16_26_25.jpg
								24mm2017_09_02_16_26_32.jpg
								24mm2017_09_02_16_26_38.jpg
								20170902162714505.jpg
								20170902162720859.jpg
								20170902162727214.jpg
								20170902162733568.jpg

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38	9/2/2017	16:31:57	2997	328	125	20170902_163201_A.igm	None	24mm2017_09_02 16_31_14.jpg
								24mm2017_09_02_16_31_20.jpg
								24mm2017_09_02_16_31_26.jpg
								20170902163209546.jpg
								20170902163215902.jpg
								20170902163222256.jpg

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Flight 10 – 2 September 2017

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/2/2017	17:47:41	-81	18	0	20170902_174745_A.igm	None	24mm2017_09_02 17_46_57.jpg
						20170902_174812_A.igm		24mm2017_09_02_17_47_03.jpg
								24mm2017_09_02_17_47_09.jpg
								24mm2017_09_02_17_47_24.jpg
								24mm2017_09_02_17_47_30.jpg
								20170902174753303.jpg
								20170902174759659.jpg
								20170902174806013.jpg
								20170902174820538.jpg
								20170902174826892.jpg
2	9/2/2017	18:12:37	2981	329	123	20170902_181240_A.igm	None	24mm2017_09_02 18_11_52.jpg
								24mm2017_09_02_18_11_58.jpg
								24mm2017_09_02_18_12_05.jpg
								24mm2017_09_02_18_12_11.jpg
								20170902181248479.jpg
								20170902181254835.jpg
								20170902181301189.jpg
								20170902181307545.jpg
3	9/2/2017	18:17:29	3014	332	120	20170902_181732_A.igm	None	24mm2017_09_02 18_16_44.jpg
								24mm2017_09_02_18_16_50.jpg
								24mm2017_09_02_18_16_57.jpg
								20170902181740808.jpg
								20170902181747164.jpg
								20170902181753520.jpg
4	9/2/2017	18:35:56	2868	163	132	None	None	24mm2017_09_02 18_35_11.jpg
								24mm2017_09_02_18_35_17.jpg
								24mm2017_09_02_18_35_24.jpg
								20170902183608391.jpg
								20170902183614746.jpg
								20170902183620194.jpg
5	9/2/2017	18:38:45	3059	351	111	20170902_183849_A.igm	None	24mm2017_09_02 18_38_01.jpg
								24mm2017_09_02_18_38_07.jpg
								24mm2017_09_02_18_38_13.jpg
								20170902183857254.jpg
								20170902183903607.jpg
								20170902183909963.jpg
6	9/2/2017	18:41:52	3189	318	124	None	None	24mm2017_09_02 18_41_08.jpg
								24mm2017_09_02_18_41_14.jpg
								24mm2017_09_02_18_41_20.jpg
								20170902184204270.jpg

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								20170902184210624.jpg
								20170902184216981.jpg
7	9/2/2017	18:44:34	3105	86	115	None	None	24mm2017_09_02 18_43_50.jpg
								24mm2017_09_02_18_43_56.jpg
								20170902184446776.jpg
								20170902184453131.jpg
8	9/2/2017	18:46:50	3098	260	121	None	None	24mm2017_09_02 18_46_06.jpg
								24mm2017_09_02_18_46_12.jpg
								24mm2017_09_02_18_46_18.jpg
								24mm2017_09_02_18_46_24.jpg
								24mm2017_09_02_18_46_31.jpg
								20170902184702047.jpg
								20170902184708403.jpg
								20170902184714757.jpg
								20170902184721111.jpg
								20170902184727467.jpg
9	9/2/2017	18:48:58	3091	78	112	None	None	24mm2017_09_02 18_48_13.jpg
								24mm2017_09_02_18_48_19.jpg
								24mm2017_09_02_18_48_26.jpg
								24mm2017_09_02_18_48_32.jpg
								24mm2017_09_02_18_48_38.jpg
								24mm2017_09_02_18_48_45.jpg
								24mm2017_09_02_18_48_51.jpg
								20170902184910055.jpg
								20170902184916411.jpg
								20170902184922765.jpg
								20170902184929120.jpg
								20170902184935475.jpg
								20170902184941830.jpg
								20170902184948186.jpg
10	9/2/2017	18:51:50	2994	318	129	None	None	24mm2017_09_02 18_51_05.jpg
								24mm2017_09_02_18_51_12.jpg
								24mm2017_09_02_18_51_18.jpg
								24mm2017_09_02_18_51_24.jpg
								24mm2017_09_02_18_51_31.jpg
								20170902185202546.jpg
								20170902185208902.jpg
								20170902185215256.jpg
								20170902185221612.jpg
								20170902185227059.jpg
11	9/2/2017	18:56:10	3060	348	123	None	None	24mm2017_09_02 18_55_25.jpg
								24mm2017_09_02_18_55_31.jpg
								24mm2017_09_02_18_55_38.jpg
								24mm2017_09_02_18_55_44.jpg

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								24mm2017_09_02_18_55_50.jpg
								24mm2017_09_02_18_55_57.jpg
								24mm2017_09_02_18_56_03.jpg
								20170902185622193.jpg
								20170902185628549.jpg
								20170902185634903.jpg
								20170902185641259.jpg
								20170902185646705.jpg
								20170902185653059.jpg
								20170902185659416.jpg
12	9/2/2017	19:01:30	3171	169	115	None	None	24mm2017_09_02 19_00_46.jpg
								24mm2017_09_02_19_00_52.jpg
								24mm2017_09_02_19_00_58.jpg
								24mm2017_09_02_19_01_05.jpg
								24mm2017_09_02_19_01_11.jpg
								24mm2017_09_02_19_01_17.jpg
								20170902190142666.jpg
								20170902190149021.jpg
								20170902190155376.jpg
								20170902190201731.jpg
								20170902190208086.jpg
								20170902190214441.jpg
13	9/2/2017	19:08:25	2938	334	126	20170902_190829_A.igm	None	24mm2017_09_02 19_07_40.jpg
								24mm2017_09_02_19_07_47.jpg
								24mm2017_09_02_19_07_53.jpg
								20170902190837555.jpg
								20170902190843910.jpg
								20170902190850268.jpg
14	9/2/2017	19:14:38	3069	78	129	None	None	24mm2017_09_02 19_13_54.jpg
								24mm2017_09_02_19_14_00.jpg
								24mm2017_09_02_19_14_07.jpg
								20170902191450683.jpg
								20170902191457038.jpg
								20170902191503394.jpg
15	9/2/2017	19:18:48	3063	336	132	20170902_191853_A.igm	None	24mm2017_09_02 19_18_04.jpg
								24mm2017_09_02_19_18_10.jpg
								24mm2017_09_02_19_18_16.jpg
								20170902191900344.jpg
								20170902191906698.jpg
								20170902191913055.jpg
16	9/2/2017	19:23:19	3057	339	124	20170902_192323_A.igm	None	24mm2017_09_02 19_22_34.jpg
								24mm2017_09_02_19_22_40.jpg
								24mm2017_09_02_19_22_47.jpg
								20170902192330885.jpg

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								20170902192337240.jpg
								20170902192343594.jpg
17	9/2/2017	19:28:02	2978	333	129	20170902_192805_A.igm	None	24mm2017_09_02 19_27_17.jpg
								24mm2017_09_02_19_27_23.jpg
								24mm2017_09_02_19_27_30.jpg
								20170902192814134.jpg
								20170902192820490.jpg
								20170902192826844.jpg
18	9/2/2017	19:37:02	2949	336	130	20170902_193705_A.igm	None	24mm2017_09_02 19_36_18.jpg
								24mm2017_09_02_19_36_24.jpg
								24mm2017_09_02_19_36_30.jpg
								20170902193714307.jpg
								20170902193720663.jpg
								20170902193727017.jpg
19	9/2/2017	19:41:35	2901	337	123	20170902_194139_A.igm	None	24mm2017_09_02 19_40_51.jpg
								24mm2017_09_02_19_40_57.jpg
								24mm2017_09_02_19_41_03.jpg
								20170902194147574.jpg
								20170902194153926.jpg
								20170902194200282.jpg
20	9/2/2017	19:45:47	2950	331	127	20170902_194551_A.igm	None	24mm2017_09_02 19_45_03.jpg
								24mm2017_09_02_19_45_09.jpg
								24mm2017_09_02_19_45_15.jpg
								20170902194559955.jpg
								20170902194606310.jpg
								20170902194612665.jpg
21	9/2/2017	19:55:14	3073	339	125	20170902_195518_A.igm	None	24mm2017_09_02 19_54_30.jpg
								24mm2017_09_02_19_54_36.jpg
								24mm2017_09_02_19_54_42.jpg
								20170902195526448.jpg
								20170902195532803.jpg
								20170902195539157.jpg
22	9/2/2017	19:59:39	3037	335	126	20170902_195943_A.igm	None	24mm2017_09_02 19_58_55.jpg
								24mm2017_09_02_19_59_01.jpg
								24mm2017_09_02_19_59_08.jpg
								20170902195952450.jpg
								20170902195957896.jpg
								20170902200004251.jpg
23	9/2/2017	21:09:19	3005	337	122	20170902_210923_A.igm	None	24mm2017_09_02 21_08_34.jpg
								24mm2017_09_02_21_08_41.jpg
								24mm2017_09_02_21_08_47.jpg
								20170902210931257.jpg
								20170902210937612.jpg

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20170902210943966.jpg

Flight 11 – 3 September 2017

Run	Date	Time	Altitude	Heading	Speed		FTIR	IRLS	Photos
1	9/3/2017	1:19:59	2980	280	123	20170903_012003_A.igm		None	24mm2017_09_03 01_19_10.jpg
									24mm2017_09_03_01_19_16.jpg
									20170903012011737.jpg
									20170903012018093.jpg
2	9/3/2017	1:22:49	2994	68	118	None		None	24mm2017_09_03 01_22_01.jpg
									24mm2017_09_03_01_22_07.jpg
									24mm2017_09_03_01_22_13.jpg
									20170903012302414.jpg
									20170903012308769.jpg
									20170903012314218.jpg
3	9/3/2017	1:26:39	2966	157	125	None		None	24mm2017_09_03 01_25_50.jpg
									24mm2017_09_03_01_25_56.jpg
									24mm2017_09_03_01_26_03.jpg
									20170903012651194.jpg
									20170903012657555.jpg
									20170903012703905.jpg
4	9/3/2017	2:00:14	2917	333	118	20170903_020017_A.igm		None	24mm2017_09_03 01_59_25.jpg
									24mm2017_09_03_01_59_31.jpg
									24mm2017_09_03_01_59_37.jpg
									24mm2017_09_03_01_59_44.jpg
									20170903020025710.jpg
									20170903020032064.jpg
									20170903020038420.jpg
									20170903020044775.jpg
5	9/3/2017	2:03:30	2924	334	116	20170903_020334_A.igm		None	24mm2017_09_03 02_02_41.jpg
									24mm2017_09_03_02_02_47.jpg
									24mm2017_09_03_02_02_53.jpg
									20170903020341806.jpg
									20170903020348161.jpg
									20170903020354517.jpg
6	9/3/2017	2:12:41	2827	64	113	20170903_021245_A.igm		None	24mm2017_09_03 02_11_52.jpg
									24mm2017_09_03_02_11_58.jpg
									24mm2017_09_03_02_12_05.jpg
									24mm2017_09_03_02_12_11.jpg
									24mm2017_09_03_02_12_17.jpg
									20170903021252869.jpg
									20170903021259223.jpg
									20170903021305578.jpg
									20170903021311934.jpg

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								20170903021318288.jpg
7	9/3/2017	2:17:12	2813	66	123	20170903_021716_A.igm	None	24mm2017_09_03 02_16_23.jpg
								24mm2017_09_03_02_16_30.jpg
								24mm2017_09_03_02_16_36.jpg
								20170903021725224.jpg
								20170903021730670.jpg
								20170903021737026.jpg
8	9/3/2017	2:21:50	2860	350	114	20170903_022154_A.igm	None	24mm2017_09_03 02_21_01.jpg
								24mm2017_09_03_02_21_08.jpg
								24mm2017_09_03_02_21_14.jpg
								20170903022203016.jpg
								20170903022209370.jpg
								20170903022215725.jpg
9	9/3/2017	2:28:54	2853	7	111	20170903_022857_A.igm	None	24mm2017_09_03 02_28_05.jpg
								24mm2017_09_03_02_28_11.jpg
								24mm2017_09_03_02_28_18.jpg
								24mm2017_09_03_02_28_24.jpg
								20170903022906071.jpg
								20170903022912424.jpg
								20170903022918778.jpg
								20170903022925137.jpg
10	9/3/2017	2:55:06	2974	8	96	20170903_025510_A.igm	None	24mm2017_09_03 02_54_17.jpg
								24mm2017_09_03_02_54_23.jpg
								24mm2017_09_03_02_54_29.jpg
								24mm2017_09_03_02_54_36.jpg
								20170903025518449.jpg
								20170903025524804.jpg
								20170903025531159.jpg
								20170903025537514.jpg

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Flight 12 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/3/2017	15:23:11	3081	4	116	20170903_152315_A.igm	None	24mm2017_09_03 15_23_12.jpg
								24mm2017_09_03_15_23_18.jpg
								24mm2017_09_03_15_23_25.jpg
								20170903152323465.jpg
								20170903152329821.jpg
								20170903152336175.jpg
2	9/3/2017	15:28:39	2936	1	126	20170903_152842_A.igm	None	24mm2017_09_03 15_28_39.jpg
								24mm2017_09_03_15_28_46.jpg
								24mm2017_09_03_15_28_52.jpg
								20170903152851202.jpg
								20170903152857556.jpg
								20170903152903910.jpg
3	9/3/2017	15:36:12	3014	280	124	None	None	24mm2017_09_03 15_36_13.jpg
								24mm2017_09_03_15_36_19.jpg
								24mm2017_09_03_15_36_25.jpg
								24mm2017_09_03_15_36_32.jpg
								24mm2017_09_03_15_36_38.jpg
								20170903153624219.jpg
								20170903153630573.jpg
								20170903153636930.jpg
								20170903153643284.jpg
								20170903153649639.jpg
4	9/3/2017	15:39:32	3055	230	122	20170903_153936_A.igm	None	24mm2017_09_03 15_39_33.jpg
						20170903_154015_A.igm		24mm2017_09_03_15_39_39.jpg
						20170903_154055_A.igm		24mm2017_09_03_15_39_46.jpg
								24mm2017_09_03_15_39_52.jpg
								24mm2017_09_03_15_39_58.jpg
								24mm2017_09_03_15_40_05.jpg
								24mm2017_09_03_15_40_11.jpg
								24mm2017_09_03_15_40_17.jpg
								24mm2017_09_03_15_40_23.jpg
								24mm2017_09_03_15_40_30.jpg
								24mm2017_09_03_15_40_36.jpg
								24mm2017_09_03_15_40_42.jpg
								24mm2017_09_03_15_40_49.jpg
								20170903153944855.jpg
								20170903153951212.jpg
								20170903153957565.jpg
								20170903154003920.jpg
								20170903154010275.jpg

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								20170903154016631.jpg
								20170903154022985.jpg
								20170903154029339.jpg
								20170903154035695.jpg
								20170903154041141.jpg
								20170903154047497.jpg
								20170903154053852.jpg
								20170903154100207.jpg
5	9/3/2017	15:46:06	3151	86	117	None	None	24mm2017_09_03 15_46_07.jpg
								24mm2017_09_03_15_46_13.jpg
								24mm2017_09_03_15_46_19.jpg
								24mm2017_09_03_15_46_26.jpg
								24mm2017_09_03_15_46_32.jpg
								24mm2017_09_03_15_46_38.jpg
								20170903154618863.jpg
								20170903154624310.jpg
								20170903154630666.jpg
								20170903154637022.jpg
								20170903154643376.jpg
								20170903154649733.jpg
6	9/3/2017	15:49:20	3041	88	112	None	None	24mm2017_09_03 15_49_20.jpg
								24mm2017_09_03_15_49_27.jpg
								24mm2017_09_03_15_49_33.jpg
								20170903154932237.jpg
								20170903154938591.jpg
								20170903154944947.jpg
7	9/3/2017	15:52:32	3014	91	109	None	None	24mm2017_09_03 15_52_32.jpg
								24mm2017_09_03_15_52_38.jpg
								24mm2017_09_03_15_52_45.jpg
								20170903155243794.jpg
								20170903155250149.jpg
								20170903155256504.jpg
8	9/3/2017	15:55:33	3204	98	105	None	None	24mm2017_09_03 15_55_33.jpg
								24mm2017_09_03_15_55_40.jpg
								24mm2017_09_03_15_55_46.jpg
								24mm2017_09_03_15_55_52.jpg
								24mm2017_09_03_15_55_59.jpg
								20170903155545365.jpg
								20170903155551720.jpg
								20170903155558075.jpg
								20170903155604430.jpg
								20170903155609876.jpg
9	9/3/2017	15:58:42	3180	165	115	None	None	24mm2017_09_03 15_58_43.jpg
								24mm2017_09_03_15_58_49.jpg

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								24mm2017_09_03_15_58_55.jpg
								24mm2017_09_03_15_59_01.jpg
								20170903155854198.jpg
								20170903155900554.jpg
								20170903155906909.jpg
								20170903155913265.jpg
10	9/3/2017	16:02:12	3057	173	122	None	None	24mm2017_09_03 16_02_12.jpg
								24mm2017_09_03_16_02_19.jpg
								24mm2017_09_03_16_02_25.jpg
								20170903160223929.jpg
								20170903160230284.jpg
								20170903160236641.jpg
11	9/3/2017	16:04:49	3058	355	127	20170903_160453_A.igm	None	24mm2017_09_03 16_04_50.jpg
								24mm2017_09_03_16_04_56.jpg
								24mm2017_09_03_16_05_02.jpg
								20170903160501899.jpg
								20170903160508253.jpg
								20170903160513701.jpg
12	9/3/2017	16:07:45	3106	296	123	None	None	24mm2017_09_03 16_07_46.jpg
								24mm2017_09_03_16_07_52.jpg
								24mm2017_09_03_16_07_58.jpg
								24mm2017_09_03_16_08_05.jpg
								20170903160758024.jpg
								20170903160804378.jpg
								20170903160809825.jpg
								20170903160816179.jpg
13	9/3/2017	16:09:57	3076	91	112	20170903_161001_A.igm	None	24mm2017_09_03 16_09_58.jpg
								24mm2017_09_03_16_10_04.jpg
								24mm2017_09_03_16_10_10.jpg
								24mm2017_09_03_16_10_17.jpg
								20170903161009663.jpg
								20170903161016017.jpg
								20170903161022372.jpg
								20170903161028729.jpg
14	9/3/2017	16:14:05	3202	290	126	None	None	24mm2017_09_03 16_14_06.jpg
								24mm2017_09_03_16_14_12.jpg
								24mm2017_09_03_16_14_18.jpg
								24mm2017_09_03_16_14_24.jpg
								24mm2017_09_03_16_14_31.jpg
								20170903161417506.jpg
								20170903161423860.jpg
								20170903161430215.jpg
								20170903161436575.jpg
								20170903161442926.jpg

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15	9/3/2017	16:17:27	3193	19	121	20170903_161731_A.igm	None	24mm2017_09_03 16_17_28.jpg
								24mm2017_09_03_16_17_34.jpg
								24mm2017_09_03_16_17_40.jpg
								24mm2017_09_03_16_17_46.jpg
								24mm2017_09_03_16_17_53.jpg
								20170903161739049.jpg
								20170903161745405.jpg
								20170903161751760.jpg
								20170903161758114.jpg
								20170903161804470.jpg
16	9/3/2017	16:20:30	3121	208	123	20170903_162034_A.igm	None	24mm2017_09_03 16_20_30.jpg
								24mm2017_09_03_16_20_37.jpg
								24mm2017_09_03_16_20_43.jpg
								24mm2017_09_03_16_20_49.jpg
								24mm2017_09_03_16_20_56.jpg
								20170903162042436.jpg
								20170903162048790.jpg
								20170903162055148.jpg
								20170903162101500.jpg
								20170903162107856.jpg
17	9/3/2017	16:23:39	3094	357	121	None	None	24mm2017_09_03 16_23_40.jpg
								24mm2017_09_03_16_23_46.jpg
								24mm2017_09_03_16_23_53.jpg
								24mm2017_09_03_16_23_59.jpg
								24mm2017_09_03_16_24_05.jpg
								20170903162352177.jpg
								20170903162358532.jpg
								20170903162404888.jpg
								20170903162411242.jpg
								20170903162417596.jpg
18	9/3/2017	16:26:34	3104	139	115	None	None	24mm2017_09_03 16_26_35.jpg
								24mm2017_09_03_16_26_41.jpg
								24mm2017_09_03_16_26_47.jpg
								24mm2017_09_03_16_26_53.jpg
								20170903162646486.jpg
								20170903162652841.jpg
								20170903162659195.jpg
								20170903162705550.jpg
19	9/3/2017	16:29:27	3053	136	121	20170903_162931_A.igm	None	24mm2017_09_03 16_29_27.jpg
								24mm2017_09_03_16_29_34.jpg
								24mm2017_09_03_16_29_40.jpg
								24mm2017_09_03_16_29_46.jpg
								24mm2017_09_03_16_29_53.jpg
								24mm2017_09_03_16_29_59.jpg

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								24mm2017_09_03_16_30_05.jpg
								20170903162938977.jpg
								20170903162945331.jpg
								20170903162951688.jpg
								20170903162958043.jpg
								20170903163004397.jpg
								20170903163010752.jpg
								20170903163017110.jpg
20	9/3/2017	16:33:32	3165	289	125	20170903_163336_A.igm	None	24mm2017_09_03 16_33_33.jpg
						20170903_163415_A.igm		24mm2017_09_03_16_33_39.jpg
								24mm2017_09_03_16_33_45.jpg
								24mm2017_09_03_16_33_52.jpg
								24mm2017_09_03_16_33_58.jpg
								24mm2017_09_03_16_34_04.jpg
								24mm2017_09_03_16_34_11.jpg
								24mm2017_09_03_16_34_17.jpg
								24mm2017_09_03_16_34_23.jpg
								24mm2017_09_03_16_34_30.jpg
								24mm2017_09_03_16_34_36.jpg
								24mm2017_09_03_16_34_42.jpg
								24mm2017_09_03_16_34_48.jpg
								20170903163345006.jpg
								20170903163351362.jpg
								20170903163357716.jpg
								20170903163403163.jpg
								20170903163409517.jpg
								20170903163415873.jpg
								20170903163422228.jpg
								20170903163428583.jpg
								20170903163434938.jpg
								20170903163441293.jpg
								20170903163447648.jpg
								20170903163454003.jpg
								20170903163500359.jpg
21	9/3/2017	16:39:58	3105	85	114	20170903_164002_A.igm	None	24mm2017_09_03 16_39_59.jpg
						20170903_164041_A.igm		24mm2017_09_03_16_40_05.jpg
						20170903_164120_A.igm		24mm2017_09_03_16_40_11.jpg
								24mm2017_09_03_16_40_18.jpg
								24mm2017_09_03_16_40_24.jpg
								24mm2017_09_03_16_40_30.jpg
								24mm2017_09_03_16_40_36.jpg
								24mm2017_09_03_16_40_43.jpg
								24mm2017_09_03_16_40_49.jpg
								24mm2017_09_03_16_40_55.jpg

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								24mm2017_09_03_16_41_02.jpg
								24mm2017_09_03_16_41_08.jpg
								24mm2017_09_03_16_41_14.jpg
								24mm2017_09_03_16_41_21.jpg
								20170903164010844.jpg
								20170903164017198.jpg
								20170903164023553.jpg
								20170903164029000.jpg
								20170903164035356.jpg
								20170903164041711.jpg
								20170903164048065.jpg
								20170903164054420.jpg
								20170903164100775.jpg
								20170903164107131.jpg
								20170903164113485.jpg
								20170903164119843.jpg
								20170903164126198.jpg
								20170903164132551.jpg
22	9/3/2017	16:47:34	3143	236	122	20170903_164739_A.igm	None	24mm2017_09_03 16_47_35.jpg
						20170903_164818_A.igm		24mm2017_09_03_16_47_41.jpg
								24mm2017_09_03_16_47_48.jpg
								24mm2017_09_03_16_47_54.jpg
								24mm2017_09_03_16_48_00.jpg
								24mm2017_09_03_16_48_07.jpg
								24mm2017_09_03_16_48_13.jpg
								24mm2017_09_03_16_48_19.jpg
								24mm2017_09_03_16_48_25.jpg
								24mm2017_09_03_16_48_32.jpg
								24mm2017_09_03_16_48_38.jpg
								24mm2017_09_03_16_48_44.jpg
								24mm2017_09_03_16_48_51.jpg
								20170903164746586.jpg
								20170903164752941.jpg
								20170903164759296.jpg
								20170903164805653.jpg
								20170903164812006.jpg
								20170903164818361.jpg
								20170903164824716.jpg
								20170903164831073.jpg
								20170903164837426.jpg
								20170903164843781.jpg
								20170903164850136.jpg
								20170903164856490.jpg
								20170903164902846.jpg

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23	9/3/2017	16:54:47	3219	51	118	None	None	24mm2017_09_03 16_54_48.jpg
								24mm2017_09_03_16_54_54.jpg
								24mm2017_09_03_16_55_00.jpg
								24mm2017_09_03_16_55_07.jpg
								24mm2017_09_03_16_55_13.jpg
								24mm2017_09_03_16_55_19.jpg
								24mm2017_09_03_16_55_25.jpg
								24mm2017_09_03_16_55_32.jpg
								24mm2017_09_03_16_55_38.jpg
								24mm2017_09_03_16_55_44.jpg
								20170903165459623.jpg
								20170903165505978.jpg
								20170903165512333.jpg
								20170903165518688.jpg
								20170903165525043.jpg
								20170903165531397.jpg
								20170903165537752.jpg
								20170903165543199.jpg
								20170903165549554.jpg
								20170903165555908.jpg
24	9/3/2017	17:02:09	2988	122	119	20170903_170212_A.igm	None	24mm2017_09_03 17_02_09.jpg
								24mm2017_09_03_17_02_15.jpg
								24mm2017_09_03_17_02_22.jpg
								24mm2017_09_03_17_02_28.jpg
								24mm2017_09_03_17_02_34.jpg
								24mm2017_09_03_17_02_41.jpg
								20170903170220838.jpg
								20170903170227193.jpg
								20170903170233548.jpg
								20170903170239903.jpg
								20170903170246258.jpg
								20170903170252613.jpg
25	9/3/2017	17:05:40	3133	14	116	20170903_170543_A.igm	None	24mm2017_09_03 17_05_40.jpg
								24mm2017_09_03_17_05_46.jpg
								24mm2017_09_03_17_05_53.jpg
								20170903170552359.jpg
								20170903170558715.jpg
								20170903170605070.jpg
26	9/3/2017	17:10:14	3161	259	124	20170903_171018_A.igm	None	24mm2017_09_03 17_10_15.jpg
								24mm2017_09_03_17_10_21.jpg
								24mm2017_09_03_17_10_27.jpg
								20170903171026530.jpg
								20170903171032887.jpg
								20170903171039241.jpg

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27	9/3/2017	17:12:45	3009	65	116	20170903_171249_A.igm	None	24mm2017_09_03 17_12_45.jpg
								24mm2017_09_03_17_12_52.jpg
								24mm2017_09_03_17_12_58.jpg
								20170903171257225.jpg
								20170903171303580.jpg
								20170903171309933.jpg
28	9/3/2017	17:15:46	2916	86	119	20170903_171550_A.igm	None	24mm2017_09_03 17_15_47.jpg
								24mm2017_09_03_17_15_53.jpg
								20170903171558784.jpg
								20170903171605137.jpg
29	9/3/2017	17:18:32	3100	242	111	20170903_171836_A.igm	None	24mm2017_09_03 17_18_33.jpg
								24mm2017_09_03_17_18_39.jpg
								20170903171844918.jpg
								20170903171851274.jpg
30	9/3/2017	17:20:39	3071	239	117	20170903_172044_A.igm	None	24mm2017_09_03 17_20_40.jpg
								24mm2017_09_03_17_20_46.jpg
								20170903172052017.jpg
								20170903172058373.jpg
31	9/3/2017	17:24:41	2934	175	120	20170903_172445_A.igm	None	24mm2017_09_03 17_24_42.jpg
								24mm2017_09_03_17_24_48.jpg
								24mm2017_09_03_17_24_54.jpg
								20170903172453507.jpg
								20170903172459861.jpg
								20170903172506216.jpg
32	9/3/2017	17:26:42	2882	335	121	20170903_172646_A.igm	None	24mm2017_09_03 17_26_43.jpg
								24mm2017_09_03_17_26_49.jpg
								20170903172654251.jpg
								20170903172700605.jpg
33	9/3/2017	17:29:20	2959	176	112	20170903_172924_A.igm	None	24mm2017_09_03 17_29_21.jpg
								20170903172932219.jpg
34	9/3/2017	17:31:08	3070	138	108	20170903_173111_A.igm	None	24mm2017_09_03 17_31_09.jpg
								24mm2017_09_03_17_31_15.jpg
								24mm2017_09_03_17_31_21.jpg
								20170903173120252.jpg
								20170903173126609.jpg
								20170903173132962.jpg
35	9/3/2017	17:32:50	3157	270	114	20170903_173254_A.igm	None	24mm2017_09_03 17_32_51.jpg
								24mm2017_09_03_17_32_57.jpg
								24mm2017_09_03_17_33_03.jpg
								24mm2017_09_03_17_33_10.jpg
								24mm2017_09_03_17_33_16.jpg
								20170903173302839.jpg
								20170903173309194.jpg
								20170903173315550.jpg

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								20170903173321905.jpg
								20170903173327352.jpg
36	9/3/2017	17:35:59	2980	270	114	20170903_173603_A.igm	None	24mm2017_09_03 17_35_59.jpg
								24mm2017_09_03_17_36_06.jpg
								24mm2017_09_03_17_36_12.jpg
								20170903173610765.jpg
								20170903173617121.jpg
								20170903173623476.jpg
37	9/3/2017	17:38:19	3059	105	117	20170903_173824_A.igm	None	24mm2017_09_03 17_38_20.jpg
								24mm2017_09_03_17_38_26.jpg
								24mm2017_09_03_17_38_33.jpg
								20170903173831484.jpg
								20170903173837838.jpg
								20170903173844193.jpg
38	9/3/2017	17:40:01	3088	278	113	20170903_174004_A.igm	None	24mm2017_09_03 17_40_01.jpg
								24mm2017_09_03_17_40_08.jpg
								20170903174013163.jpg
								20170903174019518.jpg
39	9/3/2017	17:42:07	3061	87	118	20170903_174212_A.igm	None	24mm2017_09_03 17_42_08.jpg
								24mm2017_09_03_17_42_14.jpg
								20170903174220264.jpg
								20170903174226617.jpg
40	9/3/2017	17:44:16	3165	265	119	20170903_174419_A.igm	None	24mm2017_09_03 17_44_16.jpg
								24mm2017_09_03_17_44_23.jpg
								24mm2017_09_03_17_44_29.jpg
								20170903174428269.jpg
								20170903174434624.jpg
								20170903174440978.jpg
41	9/3/2017	17:46:43	3001	309	115	20170903_174647_A.igm	None	24mm2017_09_03 17_46_44.jpg
								24mm2017_09_03_17_46_50.jpg
								24mm2017_09_03_17_46_56.jpg
								24mm2017_09_03_17_47_03.jpg
								24mm2017_09_03_17_47_09.jpg
								20170903174655328.jpg
								20170903174701683.jpg
								20170903174708038.jpg
								20170903174714392.jpg
								20170903174720747.jpg
42	9/3/2017	17:49:55	3216	219	109	20170903_174959_A.igm	None	24mm2017_09_03 17_49_56.jpg
								24mm2017_09_03_17_50_02.jpg
								24mm2017_09_03_17_50_08.jpg
								24mm2017_09_03_17_50_15.jpg
								24mm2017_09_03_17_50_21.jpg
								20170903175007789.jpg

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								20170903175014146.jpg
								20170903175020500.jpg
								20170903175026854.jpg
								20170903175033210.jpg
43	9/3/2017	17:52:58	3098	322	123	20170903_175301_A.igm	None	24mm2017_09_03 17_52_58.jpg
								24mm2017_09_03_17_53_05.jpg
								24mm2017_09_03_17_53_11.jpg
								24mm2017_09_03_17_53_17.jpg
								24mm2017_09_03_17_53_23.jpg
								24mm2017_09_03_17_53_30.jpg
								20170903175310265.jpg
								20170903175316620.jpg
								20170903175322974.jpg
								20170903175329327.jpg
								20170903175335683.jpg
								20170903175342036.jpg
44	9/3/2017	17:57:07	3143	199	114	20170903_175711_A.igm	None	24mm2017_09_03 17_57_08.jpg
								24mm2017_09_03_17_57_14.jpg
								24mm2017_09_03_17_57_20.jpg
								24mm2017_09_03_17_57_27.jpg
								24mm2017_09_03_17_57_33.jpg
								20170903175719910.jpg
								20170903175726265.jpg
								20170903175732620.jpg
								20170903175738975.jpg
								20170903175744421.jpg
45	9/3/2017	18:00:25	3024	179	124	20170903_180029_A.igm	None	24mm2017_09_03 18_00_26.jpg
								24mm2017_09_03_18_00_32.jpg
								24mm2017_09_03_18_00_38.jpg
								24mm2017_09_03_18_00_44.jpg
								24mm2017_09_03_18_00_51.jpg
								20170903180037820.jpg
								20170903180043267.jpg
								20170903180049622.jpg
								20170903180055977.jpg
								20170903180102332.jpg
46	9/3/2017	18:03:59	3184	117	108	20170903_180402_A.igm	None	24mm2017_09_03 18_03_59.jpg
								24mm2017_09_03_18_04_06.jpg
								24mm2017_09_03_18_04_12.jpg
								24mm2017_09_03_18_04_18.jpg
								24mm2017_09_03_18_04_25.jpg
								20170903180411166.jpg
								20170903180417521.jpg
								20170903180423877.jpg

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								20170903180430232.jpg
								20170903180436586.jpg
47	9/3/2017	18:07:12	3072	65	120	20170903_180715_A.igm	None	24mm2017_09_03 18_07_12.jpg
								24mm2017_09_03_18_07_18.jpg
								24mm2017_09_03_18_07_25.jpg
								24mm2017_09_03_18_07_31.jpg
								24mm2017_09_03_18_07_37.jpg
								24mm2017_09_03_18_07_44.jpg
								24mm2017_09_03_18_07_50.jpg
								20170903180723629.jpg
								20170903180729983.jpg
								20170903180736338.jpg
								20170903180742693.jpg
								20170903180749048.jpg
								20170903180755402.jpg
								20170903180801757.jpg
48	9/3/2017	18:10:38	2996	295	130	20170903_181042_A.igm	None	24mm2017_09_03 18_10_39.jpg
								24mm2017_09_03_18_10_45.jpg
								20170903181050618.jpg
								20170903181056973.jpg
49	9/3/2017	18:13:48	3281	-2	115	20170903_181352_A.igm	None	24mm2017_09_03 18_13_49.jpg
								24mm2017_09_03_18_13_55.jpg
								24mm2017_09_03_18_14_02.jpg
								24mm2017_09_03_18_14_08.jpg
								24mm2017_09_03_18_14_14.jpg
								24mm2017_09_03_18_14_20.jpg
								20170903181400359.jpg
								20170903181406714.jpg
								20170903181413069.jpg
								20170903181419423.jpg
								20170903181425779.jpg
								20170903181432135.jpg
50	9/3/2017	18:17:31	3013	43	120	20170903_181735_A.igm	None	24mm2017_09_03 18_17_31.jpg
								24mm2017_09_03_18_17_38.jpg
								24mm2017_09_03_18_17_44.jpg
								24mm2017_09_03_18_17_50.jpg
								20170903181743687.jpg
								20170903181750042.jpg
								20170903181755490.jpg
								20170903181801846.jpg
51	9/3/2017	18:21:53	2807	87	122	20170903_182158_A.igm	None	24mm2017_09_03 18_21_54.jpg
								24mm2017_09_03_18_22_00.jpg
								24mm2017_09_03_18_22_06.jpg
								20170903182206048.jpg

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								20170903182212403.jpg
								20170903182218759.jpg
52	9/3/2017	18:24:26	2871	160	114	20170903_182429_A.igm	None	24mm2017_09_03 18_24_27.jpg
								24mm2017_09_03_18_24_33.jpg
								20170903182438562.jpg
								20170903182444917.jpg
53	9/3/2017	18:27:12	3110	351	112	20170903_182716_A.igm	None	24mm2017_09_03 18_27_13.jpg
								24mm2017_09_03_18_27_19.jpg
								20170903182724692.jpg
								20170903182731048.jpg
54	9/3/2017	18:29:43	3197	173	116	20170903_182947_A.igm	None	24mm2017_09_03 18_29_43.jpg
								24mm2017_09_03_18_29_50.jpg
								20170903182955395.jpg
								20170903183001751.jpg
55	9/3/2017	18:43:37	2888	44	115	20170903_184341_A.igm	None	24mm2017_09_03 18_43_37.jpg
								24mm2017_09_03_18_43_44.jpg
								24mm2017_09_03_18_43_50.jpg
								24mm2017_09_03_18_43_56.jpg
								24mm2017_09_03_18_44_03.jpg
								20170903184348806.jpg
								20170903184355161.jpg
								20170903184401516.jpg
								20170903184407872.jpg
								20170903184414226.jpg
56	9/3/2017	18:47:40	2957	-3	122	20170903_184744_A.igm	None	24mm2017_09_03 18_47_40.jpg
						20170903_184823_A.igm		24mm2017_09_03_18_47_47.jpg
								24mm2017_09_03_18_47_53.jpg
								24mm2017_09_03_18_47_59.jpg
								24mm2017_09_03_18_48_06.jpg
								24mm2017_09_03_18_48_12.jpg
								24mm2017_09_03_18_48_18.jpg
								20170903184752111.jpg
								20170903184758466.jpg
								20170903184804821.jpg
								20170903184811178.jpg
								20170903184817530.jpg
								20170903184823887.jpg
								20170903184830241.jpg
57	9/3/2017	18:52:14	2952	0	121	20170903_185218_A.igm	None	24mm2017_09_03 18_52_15.jpg
								24mm2017_09_03_18_52_21.jpg
								24mm2017_09_03_18_52_27.jpg
								24mm2017_09_03_18_52_33.jpg
								20170903185226283.jpg
								20170903185232638.jpg

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20170903185238993.jpg

20170903185245349.jpg

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Flight 13 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/3/2017	19:54:43	2154	38	133	20170903_195445_A.igm	None	24mm2017_09_03 19_54_46.jpg
								24mm2017_09_03_19_54_52.jpg
								24mm2017_09_03_19_54_59.jpg
								20170903195455112.jpg
								20170903195501466.jpg
								20170903195507821.jpg
2	9/3/2017	20:53:54	4892	342	120	20170903_205358_A.igm	None	24mm2017_09_03 20_53_57.jpg
								24mm2017_09_03_20_54_03.jpg
								24mm2017_09_03_20_54_10.jpg
								20170903205406594.jpg
								20170903205412948.jpg
								20170903205418395.jpg
3	9/3/2017	20:57:19	5247	343	126	20170903_205724_A.igm	None	24mm2017_09_03 20_57_23.jpg
								24mm2017_09_03_20_57_29.jpg
								24mm2017_09_03_20_57_35.jpg
								20170903205731769.jpg
								20170903205738124.jpg
								20170903205744479.jpg
4	9/3/2017	21:01:02	5282	342	127	20170903_210105_A.igm	None	24mm2017_09_03 21_01_05.jpg
								24mm2017_09_03_21_01_11.jpg
								24mm2017_09_03_21_01_18.jpg
								20170903210114195.jpg
								20170903210120549.jpg
								20170903210126903.jpg
5	9/3/2017	21:04:20	5133	344	129	20170903_210425_A.igm	None	24mm2017_09_03 21_04_24.jpg
								24mm2017_09_03_21_04_30.jpg
								24mm2017_09_03_21_04_36.jpg
								24mm2017_09_03_21_04_43.jpg
								20170903210433015.jpg
								20170903210439369.jpg
								20170903210445723.jpg
								20170903210452079.jpg
6	9/3/2017	21:07:50	5206	343	120	20170903_210753_A.igm	None	24mm2017_09_03 21_07_53.jpg
								24mm2017_09_03_21_07_59.jpg
								24mm2017_09_03_21_08_06.jpg
								20170903210802728.jpg
								20170903210809082.jpg
								20170903210814530.jpg
7	9/3/2017	21:14:54	4993	345	119	20170903_211458_A.igm	None	24mm2017_09_03 21_14_57.jpg
								24mm2017_09_03_21_15_04.jpg
								24mm2017_09_03_21_15_10.jpg

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								24mm2017_09_03_21_15_16.jpg
								24mm2017_09_03_21_15_23.jpg
								20170903211506695.jpg
								20170903211513051.jpg
								20170903211519405.jpg
								20170903211525761.jpg
								20170903211532115.jpg
8	9/3/2017	21:22:21	3013	342	123	20170903_212225_A.igm	None	24mm2017_09_03 21_22_25.jpg
								24mm2017_09_03_21_22_31.jpg
								24mm2017_09_03_21_22_37.jpg
								20170903212233360.jpg
								20170903212239716.jpg
								20170903212246070.jpg
9	9/3/2017	21:33:01	3144	336	136	20170903_213305_A.igm	None	24mm2017_09_03 21_33_04.jpg
								24mm2017_09_03_21_33_11.jpg
								24mm2017_09_03_21_33_17.jpg
								20170903213313379.jpg
								20170903213319734.jpg
								20170903213326088.jpg
10	9/3/2017	21:35:41	3203	161	113	20170903_213546_A.igm	None	24mm2017_09_03 21_35_44.jpg
								24mm2017_09_03_21_35_51.jpg
								24mm2017_09_03_21_35_57.jpg
								24mm2017_09_03_21_36_03.jpg
								20170903213554063.jpg
								20170903213600417.jpg
								20170903213605864.jpg
								20170903213612221.jpg
11	9/3/2017	21:48:31	3004	1	115	20170903_214836_A.igm	None	24mm2017_09_03 21_48_35.jpg
								24mm2017_09_03_21_48_41.jpg
								24mm2017_09_03_21_48_47.jpg
								20170903214843919.jpg
								20170903214850274.jpg
								20170903214856630.jpg
12	9/3/2017	21:53:45	3124	0	110	20170903_215348_A.igm	None	24mm2017_09_03 21_53_48.jpg
								24mm2017_09_03_21_53_54.jpg
								24mm2017_09_03_21_54_00.jpg
								24mm2017_09_03_21_54_07.jpg
								20170903215357130.jpg
								20170903215403484.jpg
								20170903215409839.jpg
								20170903215416194.jpg
13	9/3/2017	21:57:49	2932	1	114	20170903_215752_A.igm	None	24mm2017_09_03 21_57_52.jpg
								24mm2017_09_03_21_57_58.jpg
								24mm2017_09_03_21_58_04.jpg

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								20170903215801341.jpg
								20170903215807696.jpg
								20170903215814052.jpg
14	9/3/2017	22:05:44	3126	4	110	20170903_220548_A.igm	None	24mm2017_09_03 22_05_47.jpg
								24mm2017_09_03_22_05_53.jpg
								24mm2017_09_03_22_06_00.jpg
								24mm2017_09_03_22_06_06.jpg
								24mm2017_09_03_22_06_12.jpg
								20170903220556127.jpg
								20170903220602483.jpg
								20170903220608837.jpg
								20170903220615194.jpg
								20170903220621548.jpg
15	9/3/2017	22:10:23	3105	3	112	20170903_221028_A.igm	None	24mm2017_09_03 22_10_27.jpg
								24mm2017_09_03_22_10_33.jpg
								24mm2017_09_03_22_10_39.jpg
								24mm2017_09_03_22_10_46.jpg
								24mm2017_09_03_22_10_52.jpg
								20170903221035747.jpg
								20170903221042102.jpg
								20170903221048457.jpg
								20170903221054813.jpg
								20170903221101167.jpg
16	9/3/2017	22:23:12	3008	2	102	20170903_222316_A.igm	None	24mm2017_09_03 22_23_15.jpg
								24mm2017_09_03_22_23_22.jpg
								24mm2017_09_03_22_23_28.jpg
								24mm2017_09_03_22_23_34.jpg
								24mm2017_09_03_22_23_41.jpg
								24mm2017_09_03_22_23_47.jpg
								20170903222324699.jpg
								20170903222331054.jpg
								20170903222337409.jpg
								20170903222343764.jpg
								20170903222350119.jpg
								20170903222356474.jpg
17	9/3/2017	22:29:23	3065	3	111	20170903_222927_A.igm	None	24mm2017_09_03 22_29_26.jpg
								24mm2017_09_03_22_29_32.jpg
								24mm2017_09_03_22_29_38.jpg
								24mm2017_09_03_22_29_45.jpg
								24mm2017_09_03_22_29_51.jpg
								24mm2017_09_03_22_29_57.jpg
								20170903222935105.jpg
								20170903222941459.jpg
								20170903222947814.jpg

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20170903222954169.jpg

20170903223000524.jpg

20170903223005972.jpg

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Flight 14 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/4/2017	14:39:50	2821	352	137	20170904_143954_A.igm	None	24mm2017_09_04 14_39_31.jpg
								24mm2017_09_04_14_39_37.jpg
								20170904144002804.jpg
								20170904144009160.jpg
2	9/4/2017	14:42:00	2846	354	125	20170904_144203_A.igm	None	24mm2017_09_04 14_41_40.jpg
								24mm2017_09_04_14_41_47.jpg
								20170904144211719.jpg
								20170904144218073.jpg
3	9/4/2017	14:44:32	2778	93	116	20170904_144435_A.igm	None	24mm2017_09_04 14_44_13.jpg
								24mm2017_09_04_14_44_19.jpg
								20170904144444238.jpg
								20170904144450593.jpg
4	9/4/2017	14:46:02	2787	83	111	20170904_144605_A.igm	None	24mm2017_09_04 14_45_43.jpg
								24mm2017_09_04_14_45_49.jpg
								24mm2017_09_04_14_45_55.jpg
								20170904144614116.jpg
								20170904144620471.jpg
								20170904144626826.jpg
5	9/4/2017	14:51:44	3052	85	111	20170904_145149_A.igm	None	24mm2017_09_04 14_51_25.jpg
								24mm2017_09_04_14_51_31.jpg
								24mm2017_09_04_14_51_38.jpg
								20170904145156376.jpg
								20170904145202731.jpg
								20170904145209086.jpg
6	9/4/2017	14:53:50	3085	78	117	20170904_145354_A.igm	None	24mm2017_09_04 14_53_31.jpg
								24mm2017_09_04_14_53_37.jpg
								24mm2017_09_04_14_53_44.jpg
								20170904145402570.jpg
								20170904145408923.jpg
								20170904145415279.jpg
7	9/4/2017	14:57:18	3029	180	114	20170904_145722_A.igm	None	24mm2017_09_04 14_56_59.jpg
								24mm2017_09_04_14_57_06.jpg
								24mm2017_09_04_14_57_12.jpg
								24mm2017_09_04_14_57_18.jpg
								20170904145731376.jpg
								20170904145736823.jpg
								20170904145743178.jpg
								20170904145749532.jpg
8	9/4/2017	15:00:09	2916	-1	124	20170904_150013_A.igm	None	24mm2017_09_04 14_59_50.jpg
								24mm2017_09_04_14_59_56.jpg
								20170904150021143.jpg

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								20170904150027499.jpg
9	9/4/2017	15:05:02	3104	141	113	20170904_150506_A.igm	None	24mm2017_09_04 15_04_43.jpg
						20170904_150545_A.igm		24mm2017_09_04_15_04_49.jpg
								24mm2017_09_04_15_04_55.jpg
								24mm2017_09_04_15_05_02.jpg
								24mm2017_09_04_15_05_08.jpg
								24mm2017_09_04_15_05_14.jpg
								24mm2017_09_04_15_05_21.jpg
								24mm2017_09_04_15_05_27.jpg
								24mm2017_09_04_15_05_33.jpg
								24mm2017_09_04_15_05_39.jpg
								24mm2017_09_04_15_05_46.jpg
								24mm2017_09_04_15_05_52.jpg
								20170904150514382.jpg
								20170904150520736.jpg
								20170904150527091.jpg
								20170904150533445.jpg
								20170904150539802.jpg
								20170904150546156.jpg
								20170904150552512.jpg
								20170904150558866.jpg
								20170904150604312.jpg
								20170904150610668.jpg
								20170904150617023.jpg
								20170904150623378.jpg
10	9/4/2017	15:16:21	3013	337	128	20170904_151625_A.igm	None	24mm2017_09_04 15_16_02.jpg
								24mm2017_09_04_15_16_08.jpg
								24mm2017_09_04_15_16_14.jpg
								20170904151633457.jpg
								20170904151639812.jpg
								20170904151646166.jpg
11	9/4/2017	15:18:56	2940	175	113	20170904_151859_A.igm	None	24mm2017_09_04 15_18_37.jpg
								24mm2017_09_04_15_18_43.jpg
								24mm2017_09_04_15_18_49.jpg
								20170904151908699.jpg
								20170904151915055.jpg
								20170904151921409.jpg
12	9/4/2017	15:26:08	3207	161	111	20170904_152612_A.igm	None	24mm2017_09_04 15_25_49.jpg
								24mm2017_09_04_15_25_55.jpg
								24mm2017_09_04_15_26_01.jpg
								24mm2017_09_04_15_26_07.jpg
								20170904152619930.jpg
								20170904152626285.jpg
								20170904152632640.jpg

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Flight 15 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/4/2017	18:01:41	2566	90	110	20170904_180144_A.igm	None	24mm2017_09_04 18_01_30.jpg
								24mm2017_09_04_18_01_36.jpg
								24mm2017_09_04_18_01_42.jpg
								24mm2017_09_04_18_01_49.jpg
								24mm2017_09_04_18_01_55.jpg
								20170904180153362.jpg
								20170904180159717.jpg
								20170904180206072.jpg
								20170904180212428.jpg
								20170904180218782.jpg
2	9/4/2017	18:04:59	2835	95	115	20170904_180503_A.igm	None	24mm2017_09_04 18_04_48.jpg
						20170904_180542_A.igm		24mm2017_09_04_18_04_54.jpg
								24mm2017_09_04_18_05_01.jpg
								24mm2017_09_04_18_05_07.jpg
								24mm2017_09_04_18_05_13.jpg
								24mm2017_09_04_18_05_20.jpg
								24mm2017_09_04_18_05_26.jpg
								24mm2017_09_04_18_05_32.jpg
								24mm2017_09_04_18_05_38.jpg
								24mm2017_09_04_18_05_45.jpg
								20170904180512182.jpg
								20170904180517629.jpg
								20170904180523984.jpg
								20170904180530339.jpg
								20170904180536693.jpg
								20170904180543050.jpg
								20170904180549404.jpg
								20170904180555759.jpg
								20170904180602114.jpg
								20170904180608470.jpg
3	9/4/2017	18:11:50	2674	116	121	20170904_181154_A.igm	None	24mm2017_09_04 18_11_39.jpg
								24mm2017_09_04_18_11_45.jpg
								20170904181202528.jpg
								20170904181208883.jpg
4	9/4/2017	18:14:18	2793	216	122	20170904_181423_A.igm	None	24mm2017_09_04 18_14_07.jpg
								24mm2017_09_04_18_14_13.jpg
								24mm2017_09_04_18_14_19.jpg
								20170904181430508.jpg
								20170904181436863.jpg
								20170904181443218.jpg
5	9/4/2017	18:17:10	2675	83	125	20170904_181714_A.igm	None	24mm2017_09_04 18_16_59.jpg

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								24mm2017_09_04_18_17_05.jpg
								20170904181722999.jpg
								20170904181729356.jpg
6	9/4/2017	18:20:40	2652	81	119	20170904_182043_A.igm	None	24mm2017_09_04 18_20_28.jpg
								24mm2017_09_04_18_20_35.jpg
								24mm2017_09_04_18_20_41.jpg
								24mm2017_09_04_18_20_47.jpg
								20170904182051806.jpg
								20170904182058162.jpg
								20170904182104517.jpg
								20170904182110872.jpg
7	9/4/2017	18:23:04	2041	65	127	20170904_182307_A.igm	None	24mm2017_09_04 18_22_52.jpg
								24mm2017_09_04_18_22_58.jpg
								20170904182316155.jpg
								20170904182321602.jpg
8	9/4/2017	18:31:07	2691	54	134	20170904_183111_A.igm	None	24mm2017_09_04 18_30_56.jpg
								24mm2017_09_04_18_31_03.jpg
								24mm2017_09_04_18_31_09.jpg
								24mm2017_09_04_18_31_15.jpg
								24mm2017_09_04_18_31_21.jpg
								20170904183120044.jpg
								20170904183126397.jpg
								20170904183132751.jpg
								20170904183139108.jpg
								20170904183145462.jpg
9	9/4/2017	18:34:25	2568	82	122	20170904_183428_A.igm	None	24mm2017_09_04 18_34_14.jpg
								20170904183437046.jpg
10	9/4/2017	18:36:45	2619	252	126	20170904_183648_A.igm	None	24mm2017_09_04 18_36_33.jpg
								20170904183656852.jpg
11	9/4/2017	18:39:41	2616	342	133	20170904_183945_A.igm	None	24mm2017_09_04 18_39_30.jpg
								24mm2017_09_04_18_39_36.jpg
								20170904183953882.jpg
								20170904184000236.jpg
12	9/4/2017	18:46:09	2885	67	133	20170904_184613_A.igm	None	24mm2017_09_04 18_45_58.jpg
								24mm2017_09_04_18_46_04.jpg
								24mm2017_09_04_18_46_11.jpg
								20170904184621531.jpg
								20170904184627885.jpg
								20170904184634241.jpg
13	9/4/2017	18:49:03	2478	150	130	20170904_184907_A.igm	None	24mm2017_09_04 18_48_52.jpg
								24mm2017_09_04_18_48_58.jpg
								24mm2017_09_04_18_49_04.jpg
								24mm2017_09_04_18_49_11.jpg
								20170904184915838.jpg

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								20170904184922193.jpg
								20170904184928549.jpg
								20170904184934905.jpg
14	9/4/2017	18:53:23	2863	177	133	20170904_185327_A.igm	None	24mm2017_09_04 18_53_12.jpg
								24mm2017_09_04_18_53_18.jpg
								24mm2017_09_04_18_53_24.jpg
								20170904185335482.jpg
								20170904185341836.jpg
								20170904185348191.jpg
15	9/4/2017	18:58:02	2801	50	130	20170904_185806_A.igm	None	24mm2017_09_04 18_57_51.jpg
								24mm2017_09_04_18_57_57.jpg
								24mm2017_09_04_18_58_04.jpg
								20170904185815100.jpg
								20170904185821455.jpg
								20170904185827812.jpg
16	9/4/2017	19:03:29	2461	319	141	20170904_190333_A.igm	None	24mm2017_09_04 19_03_18.jpg
								24mm2017_09_04_19_03_24.jpg
								24mm2017_09_04_19_03_30.jpg
								20170904190341927.jpg
								20170904190348283.jpg
								20170904190354638.jpg
17	9/4/2017	19:07:06	2133	115	128	20170904_190710_A.igm	None	24mm2017_09_04 19_06_54.jpg
								24mm2017_09_04_19_07_01.jpg
								24mm2017_09_04_19_07_07.jpg
								20170904190717997.jpg
								20170904190724352.jpg
								20170904190730707.jpg
18	9/4/2017	19:10:31	2449	234	131	20170904_191035_A.igm	None	24mm2017_09_04 19_10_20.jpg
								24mm2017_09_04_19_10_27.jpg
								20170904191044082.jpg
								20170904191050440.jpg
19	9/4/2017	19:14:12	2328	223	139	20170904_191416_A.igm	None	24mm2017_09_04 19_14_01.jpg
								24mm2017_09_04_19_14_07.jpg
								20170904191424688.jpg
								20170904191431043.jpg
20	9/4/2017	19:20:40	2328	329	134	20170904_192044_A.igm	None	24mm2017_09_04 19_20_29.jpg
								24mm2017_09_04_19_20_35.jpg
								24mm2017_09_04_19_20_41.jpg
								24mm2017_09_04_19_20_48.jpg
								20170904192052331.jpg
								20170904192058687.jpg
								20170904192105041.jpg
								20170904192111396.jpg
21	9/4/2017	19:24:05	2594	172	132	20170904_192410_A.igm	None	24mm2017_09_04 19_23_54.jpg

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								20170904192418402.jpg
22	9/4/2017	19:26:00	2381	23	126	20170904_192603_A.igm	None	24mm2017_09_04 19_25_49.jpg
								24mm2017_09_04_19_25_55.jpg
								24mm2017_09_04_19_26_02.jpg
								24mm2017_09_04_19_26_08.jpg
								20170904192612785.jpg
								20170904192619140.jpg
								20170904192625497.jpg
								20170904192631850.jpg
23	9/4/2017	19:29:30	2485	235	130	20170904_192934_A.igm	None	24mm2017_09_04 19_29_19.jpg
								24mm2017_09_04_19_29_25.jpg
								24mm2017_09_04_19_29_32.jpg
								20170904192942500.jpg
								20170904192948856.jpg
								20170904192955209.jpg
24	9/4/2017	19:32:55	2375	63	122	20170904_193258_A.igm	None	24mm2017_09_04 19_32_43.jpg
								24mm2017_09_04_19_32_50.jpg
								24mm2017_09_04_19_32_56.jpg
								20170904193306767.jpg
								20170904193313123.jpg
								20170904193319477.jpg
25	9/4/2017	19:35:37	2488	-1	123	20170904_193541_A.igm	None	24mm2017_09_04 19_35_25.jpg
						20170904_193621_A.igm		24mm2017_09_04_19_35_32.jpg
								24mm2017_09_04_19_35_38.jpg
								24mm2017_09_04_19_35_44.jpg
								24mm2017_09_04_19_35_51.jpg
								24mm2017_09_04_19_35_57.jpg
								24mm2017_09_04_19_36_03.jpg
								24mm2017_09_04_19_36_10.jpg
								24mm2017_09_04_19_36_16.jpg
								24mm2017_09_04_19_36_22.jpg
								20170904193549273.jpg
								20170904193555628.jpg
								20170904193601983.jpg
								20170904193608338.jpg
								20170904193614693.jpg
								20170904193621048.jpg
								20170904193626494.jpg
								20170904193632849.jpg
								20170904193639206.jpg
								20170904193645560.jpg
26	9/4/2017	19:41:55	2459	269	127	20170904_194200_A.igm	None	24mm2017_09_04 19_41_44.jpg
								24mm2017_09_04_19_41_50.jpg
								20170904194207848.jpg

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								20170904194214204.jpg
27	9/4/2017	19:44:26	2446	172	121	20170904_194430_A.igm	None	24mm2017_09_04 19_44_15.jpg
								24mm2017_09_04_19_44_21.jpg
								24mm2017_09_04_19_44_27.jpg
								20170904194438552.jpg
								20170904194444907.jpg
								20170904194451262.jpg
28	9/4/2017	19:46:40	1904	77	125	20170904_194643_A.igm	None	24mm2017_09_04 19_46_28.jpg
								24mm2017_09_04_19_46_35.jpg
								20170904194652007.jpg
								20170904194658362.jpg
29	9/4/2017	19:50:55	2515	351	133	20170904_195058_A.igm	None	24mm2017_09_04 19_50_44.jpg
								24mm2017_09_04_19_50_50.jpg
								20170904195107113.jpg
								20170904195113470.jpg
30	9/4/2017	19:53:19	2366	69	130	20170904_195323_A.igm	None	24mm2017_09_04 19_53_08.jpg
								24mm2017_09_04_19_53_14.jpg
								20170904195331463.jpg
								20170904195337818.jpg
31	9/4/2017	19:55:24	2511	88	123	20170904_195528_A.igm	None	24mm2017_09_04 19_55_13.jpg
								24mm2017_09_04_19_55_19.jpg
								24mm2017_09_04_19_55_26.jpg
								20170904195536746.jpg
								20170904195543102.jpg
								20170904195549457.jpg
32	9/4/2017	19:58:46	2723	106	125	20170904_195850_A.igm	None	24mm2017_09_04 19_58_35.jpg
								24mm2017_09_04_19_58_41.jpg
								24mm2017_09_04_19_58_47.jpg
								20170904195858290.jpg
								20170904195904644.jpg
								20170904195911000.jpg
33	9/4/2017	20:02:17	2261	73	115	20170904_200222_A.igm	None	24mm2017_09_04 20_02_06.jpg
								24mm2017_09_04_20_02_13.jpg
								24mm2017_09_04_20_02_19.jpg
								24mm2017_09_04_20_02_25.jpg
								20170904200229820.jpg
								20170904200236177.jpg
								20170904200242530.jpg
								20170904200248885.jpg
34	9/4/2017	20:04:49	2266	10	138	20170904_200452_A.igm	None	24mm2017_09_04 20_04_38.jpg
								24mm2017_09_04_20_04_44.jpg
								20170904200501433.jpg
								20170904200507786.jpg
35	9/4/2017	20:06:58	2565	179	126	20170904_200703_A.igm	None	24mm2017_09_04 20_06_47.jpg

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								24mm2017_09_04_20_06_53.jpg
								20170904200710346.jpg
								20170904200716700.jpg
36	9/4/2017	20:10:08	2784	77	122	20170904_201011_A.igm	None	24mm2017_09_04 20_09_56.jpg
								24mm2017_09_04_20_10_03.jpg
								24mm2017_09_04_20_10_09.jpg
								24mm2017_09_04_20_10_15.jpg
								24mm2017_09_04_20_10_22.jpg
								24mm2017_09_04_20_10_28.jpg
								20170904201020083.jpg
								20170904201026438.jpg
								20170904201032792.jpg
								20170904201039147.jpg
								20170904201045502.jpg
								20170904201051857.jpg
37	9/4/2017	20:13:22	2601	87	122	20170904_201326_A.igm	None	24mm2017_09_04 20_13_11.jpg
								24mm2017_09_04_20_13_17.jpg
								20170904201334363.jpg
								20170904201340718.jpg
38	9/4/2017	20:15:02	2464	60	137	20170904_201506_A.igm	None	24mm2017_09_04 20_14_51.jpg
								24mm2017_09_04_20_14_57.jpg
								20170904201515135.jpg
								20170904201521489.jpg
39	9/4/2017	20:18:42	2775	50	120	20170904_201846_A.igm	None	24mm2017_09_04 20_18_30.jpg
								24mm2017_09_04_20_18_37.jpg
								20170904201853927.jpg
								20170904201900281.jpg
40	9/4/2017	20:21:18	2725	40	124	20170904_202122_A.igm	None	24mm2017_09_04 20_21_06.jpg
								20170904202130072.jpg
41	9/4/2017	20:24:49	2518	63	119	20170904_202452_A.igm	None	24mm2017_09_04 20_24_37.jpg
								24mm2017_09_04_20_24_44.jpg
								24mm2017_09_04_20_24_50.jpg
								20170904202501594.jpg
								20170904202507042.jpg
								20170904202513398.jpg
42	9/4/2017	20:27:50	2346	302	122	20170904_202754_A.igm	None	24mm2017_09_04 20_27_39.jpg
								24mm2017_09_04_20_27_45.jpg
								24mm2017_09_04_20_27_51.jpg
								20170904202802255.jpg
								20170904202808612.jpg
								20170904202814968.jpg
43	9/4/2017	20:32:49	2739	240	123	20170904_203252_A.igm	None	24mm2017_09_04 20_32_37.jpg
								24mm2017_09_04_20_32_44.jpg
								24mm2017_09_04_20_32_50.jpg

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								24mm2017_09_04_20_32_56.jpg
								20170904203300936.jpg
								20170904203307291.jpg
								20170904203313647.jpg
								20170904203320002.jpg
44	9/4/2017	20:35:43	2666	181	115	20170904_203546_A.igm	None	24mm2017_09_04 20_35_32.jpg
								24mm2017_09_04_20_35_38.jpg
								24mm2017_09_04_20_35_44.jpg
								20170904203555245.jpg
								20170904203601600.jpg
								20170904203607954.jpg
45	9/4/2017	20:37:52	2667	-2	114	20170904_203757_A.igm	None	24mm2017_09_04 20_37_41.jpg
								24mm2017_09_04_20_37_47.jpg
								20170904203805067.jpg
								20170904203811423.jpg
46	9/4/2017	20:41:54	2632	116	119	20170904_204158_A.igm	None	24mm2017_09_04 20_41_43.jpg
								24mm2017_09_04_20_41_49.jpg
								24mm2017_09_04_20_41_55.jpg
								20170904204206556.jpg
								20170904204212912.jpg
								20170904204219266.jpg
47	9/4/2017	20:44:37	2638	273	132	20170904_204441_A.igm	None	24mm2017_09_04 20_44_25.jpg
								24mm2017_09_04_20_44_32.jpg
								20170904204449064.jpg
								20170904204455418.jpg
48	9/4/2017	20:47:44	2845	193	111	20170904_204747_A.igm	None	24mm2017_09_04 20_47_32.jpg
								24mm2017_09_04_20_47_39.jpg
								24mm2017_09_04_20_47_45.jpg
								24mm2017_09_04_20_47_51.jpg
								20170904204756075.jpg
								20170904204802429.jpg
								20170904204808786.jpg
								20170904204815142.jpg
49	9/4/2017	20:51:45	2522	257	128	20170904_205150_A.igm	None	24mm2017_09_04 20_51_34.jpg
								24mm2017_09_04_20_51_40.jpg
								24mm2017_09_04_20_51_47.jpg
								20170904205157561.jpg
								20170904205203916.jpg
								20170904205210272.jpg
50	9/4/2017	20:55:24	2263	35	133	20170904_205527_A.igm	None	24mm2017_09_04 20_55_12.jpg
								24mm2017_09_04_20_55_19.jpg
								20170904205536350.jpg
								20170904205542705.jpg

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ED_004042_00009093-00096

Flight 16 – No data

Flight 17 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/5/2017	18:34:09	3020	170	133	20170905_183419_A.igm	None	24mm2017_09_05 18_33_38.jpg
								24mm2017_09_05_18_33_44.jpg
								24mm2017_09_05_18_33_51.jpg
								20170905183420797.jpg
								20170905183427145.jpg
								20170905183433494.jpg
2	9/5/2017	18:41:26	2995	243	119	20170905_184137_A.igm	None	24mm2017_09_05 18_40_55.jpg
								24mm2017_09_05_18_41_02.jpg
								24mm2017_09_05_18_41_08.jpg
								24mm2017_09_05_18_41_14.jpg
								20170905184138372.jpg
								20170905184144721.jpg
								20170905184151070.jpg
								20170905184157434.jpg
3	9/5/2017	18:46:08	2956	323	122	20170905_184618_A.igm	None	24mm2017_09_05 18_45_37.jpg
								24mm2017_09_05_18_45_44.jpg
								20170905184619790.jpg
								20170905184626154.jpg
4	9/5/2017	18:48:40	3087	156	130	20170905_184851_A.igm	None	24mm2017_09_05 18_48_09.jpg
								24mm2017_09_05_18_48_16.jpg
								20170905184852314.jpg
								20170905184858662.jpg
5	9/5/2017	18:50:43	2999	0	122	20170905_185054_A.igm	None	24mm2017_09_05 18_50_13.jpg
								24mm2017_09_05_18_50_19.jpg
								20170905185054857.jpg
								20170905185101221.jpg
6	9/5/2017	18:53:13	2997	50	113	20170905_185324_A.igm	None	24mm2017_09_05 18_52_43.jpg
								24mm2017_09_05_18_52_49.jpg
								24mm2017_09_05_18_52_55.jpg
								20170905185325572.jpg
								20170905185331920.jpg
								20170905185338269.jpg
7	9/5/2017	18:56:18	2795	66	124	None	None	24mm2017_09_05 18_55_47.jpg
								20170905185629856.jpg
8	9/5/2017	18:58:56	2994	49	116	20170905_185908_A.igm	None	24mm2017_09_05 18_58_26.jpg
								24mm2017_09_05_18_58_32.jpg
								20170905185908729.jpg
								20170905185915077.jpg
9	9/5/2017	19:02:24	3031	340	113	None	None	24mm2017_09_05 19_01_54.jpg
								20170905190236612.jpg

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10	9/5/2017	19:05:34	3022	85	118	20170905_190545_A.igm	None	24mm2017_09_05 19_05_04.jpg
								24mm2017_09_05_19_05_10.jpg
								20170905190546356.jpg
								20170905190552705.jpg
11	9/5/2017	19:07:53	3123	66	114	20170905_190804_A.igm	None	24mm2017_09_05 19_07_22.jpg
								24mm2017_09_05_19_07_29.jpg
								20170905190805247.jpg
								20170905190811611.jpg
12	9/5/2017	19:11:12	3058	53	113	20170905_191123_A.igm	None	24mm2017_09_05 19_10_42.jpg
								24mm2017_09_05_19_10_48.jpg
								20170905191124068.jpg
								20170905191130417.jpg
13	9/5/2017	19:14:08	3047	18	117	20170905_191419_A.igm	None	24mm2017_09_05 19_13_37.jpg
						20170905_191503_A.igm		24mm2017_09_05_19_13_44.jpg
								24mm2017_09_05_19_13_50.jpg
								24mm2017_09_05_19_13_56.jpg
								24mm2017_09_05_19_14_03.jpg
								24mm2017_09_05_19_14_09.jpg
								24mm2017_09_05_19_14_15.jpg
								24mm2017_09_05_19_14_21.jpg
								24mm2017_09_05_19_14_28.jpg
								20170905191420178.jpg
								20170905191426542.jpg
								20170905191432891.jpg
								20170905191439255.jpg
								20170905191445604.jpg
								20170905191451953.jpg
								20170905191457412.jpg
								20170905191503761.jpg
								20170905191510110.jpg
14	9/5/2017	19:20:56	2960	45	116	20170905_192107_A.igm	None	24mm2017_09_05 19_20_26.jpg
								24mm2017_09_05_19_20_32.jpg
								24mm2017_09_05_19_20_38.jpg
								24mm2017_09_05_19_20_45.jpg
								24mm2017_09_05_19_20_51.jpg
								24mm2017_09_05_19_20_57.jpg
								20170905192108708.jpg
								20170905192115057.jpg
								20170905192121421.jpg
								20170905192127770.jpg
								20170905192133214.jpg
								20170905192139578.jpg
15	9/5/2017	19:24:56	2920	131	114	20170905_192507_A.igm	None	24mm2017_09_05 19_24_26.jpg
								24mm2017_09_05_19_24_32.jpg

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								24mm2017_09_05_19_24_38.jpg
								24mm2017_09_05_19_24_44.jpg
								24mm2017_09_05_19_24_51.jpg
								20170905192508368.jpg
								20170905192514732.jpg
								20170905192521081.jpg
								20170905192527445.jpg
								20170905192533793.jpg
16	9/5/2017	19:29:34	2905	223	114	20170905_192946_A.igm	None	24mm2017_09_05 19_29_04.jpg
						20170905_193030_A.igm		24mm2017_09_05_19_29_11.jpg
								24mm2017_09_05_19_29_17.jpg
								24mm2017_09_05_19_29_23.jpg
								24mm2017_09_05_19_29_29.jpg
								24mm2017_09_05_19_29_36.jpg
								24mm2017_09_05_19_29_42.jpg
								24mm2017_09_05_19_29_48.jpg
								24mm2017_09_05_19_29_55.jpg
								24mm2017_09_05_19_30_01.jpg
								24mm2017_09_05_19_30_07.jpg
								20170905192947085.jpg
								20170905192953434.jpg
								20170905192959782.jpg
								20170905193006147.jpg
								20170905193012495.jpg
								20170905193017939.jpg
								20170905193024304.jpg
								20170905193030652.jpg
								20170905193037001.jpg
								20170905193043365.jpg
								20170905193049715.jpg
17	9/5/2017	19:36:05	3026	124	117	20170905_193616_A.igm	None	24mm2017_09_05 19_35_35.jpg
								24mm2017_09_05_19_35_41.jpg
								24mm2017_09_05_19_35_47.jpg
								24mm2017_09_05_19_35_54.jpg
								20170905193617444.jpg
								20170905193623792.jpg
								20170905193630157.jpg
								20170905193636505.jpg
18	9/5/2017	19:39:54	3025	92	120	20170905_194005_A.igm	None	24mm2017_09_05 19_39_23.jpg
								24mm2017_09_05_19_39_30.jpg
								20170905194006215.jpg
								20170905194012579.jpg
19	9/5/2017	19:42:50	3119	330	119	20170905_194302_A.igm	None	24mm2017_09_05 19_42_20.jpg
								24mm2017_09_05_19_42_26.jpg

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								20170905194302340.jpg
								20170905194308689.jpg
20	9/5/2017	19:44:23	3112	341	118	None	None	24mm2017_09_05 19_43_53.jpg
								20170905194435839.jpg
21	9/5/2017	19:49:36	3097	307	117	20170905_194947_A.igm	None	24mm2017_09_05 19_49_06.jpg
								24mm2017_09_05_19_49_12.jpg
								24mm2017_09_05_19_49_18.jpg
								24mm2017_09_05_19_49_25.jpg
								20170905194948141.jpg
								20170905194954490.jpg
								20170905195000839.jpg
								20170905195007203.jpg
22	9/5/2017	19:51:43	3015	204	133	20170905_195154_A.igm	None	24mm2017_09_05 19_51_12.jpg
								24mm2017_09_05_19_51_19.jpg
								24mm2017_09_05_19_51_25.jpg
								20170905195155239.jpg
								20170905195201588.jpg
								20170905195207937.jpg
23	9/5/2017	19:54:55	2993	105	125	20170905_195506_A.igm	None	24mm2017_09_05 19_54_24.jpg
								24mm2017_09_05_19_54_31.jpg
								20170905195506776.jpg
								20170905195513140.jpg
24	9/5/2017	19:58:35	2984	346	123	20170905_195846_A.igm	None	24mm2017_09_05 19_58_05.jpg
								24mm2017_09_05_19_58_11.jpg
								20170905195847389.jpg
								20170905195853738.jpg
25	9/5/2017	20:04:02	3002	279	125	20170905_200413_A.igm	None	24mm2017_09_05 20_03_31.jpg
								24mm2017_09_05_20_03_38.jpg
								20170905200414198.jpg
								20170905200420562.jpg
26	9/5/2017	20:06:50	3105	277	134	20170905_200701_A.igm	None	24mm2017_09_05 20_06_20.jpg
								24mm2017_09_05_20_06_26.jpg
								24mm2017_09_05_20_06_32.jpg
								20170905200702150.jpg
								20170905200708514.jpg
								20170905200714863.jpg
27	9/5/2017	20:12:55	2845	300	127	20170905_201306_A.igm	None	24mm2017_09_05 20_12_25.jpg
								24mm2017_09_05_20_12_32.jpg
								20170905201308002.jpg
								20170905201314366.jpg
28	9/5/2017	20:21:41	3043	80	124	20170905_202152_A.igm	None	24mm2017_09_05 20_21_11.jpg
								24mm2017_09_05_20_21_17.jpg
								20170905202153648.jpg
								20170905202159996.jpg

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29	9/5/2017	20:25:22	2907	337	119	20170905_202533_A.igm	None	24mm2017_09_05 20_24_51.jpg
								24mm2017_09_05_20_24_58.jpg
								20170905202534246.jpg
								20170905202540594.jpg
30	9/5/2017	20:28:07	2904	7	125	20170905_202818_A.igm	None	24mm2017_09_05 20_27_36.jpg
								24mm2017_09_05_20_27_43.jpg
								20170905202818562.jpg
								20170905202824911.jpg
31	9/5/2017	20:30:43	2940	252	124	20170905_203055_A.igm	None	24mm2017_09_05 20_30_13.jpg
								24mm2017_09_05_20_30_19.jpg
								20170905203055610.jpg
								20170905203101974.jpg
32	9/5/2017	20:33:47	2915	269	128	20170905_203358_A.igm	None	24mm2017_09_05 20_33_17.jpg
								24mm2017_09_05_20_33_23.jpg
								24mm2017_09_05_20_33_29.jpg
								24mm2017_09_05_20_33_36.jpg
								20170905203359004.jpg
								20170905203405353.jpg
								20170905203411702.jpg
								20170905203418067.jpg
33	9/5/2017	20:36:12	2960	75	122	20170905_203623_A.igm	None	24mm2017_09_05 20_35_42.jpg
								24mm2017_09_05_20_35_48.jpg
								24mm2017_09_05_20_35_54.jpg
								20170905203624244.jpg
								20170905203630609.jpg
								20170905203636957.jpg
34	9/5/2017	20:50:12	2967	64	125	20170905_205023_A.igm	None	24mm2017_09_05 20_49_41.jpg
								24mm2017_09_05_20_49_48.jpg
								20170905205024001.jpg
								20170905205030350.jpg
35	9/5/2017	20:53:13	2974	168	128	20170905_205324_A.igm	None	24mm2017_09_05 20_52_42.jpg
								24mm2017_09_05_20_52_49.jpg
								20170905205324651.jpg
								20170905205331000.jpg
36	9/5/2017	20:56:44	3020	68	121	20170905_205655_A.igm	None	24mm2017_09_05 20_56_14.jpg
								24mm2017_09_05_20_56_20.jpg
								24mm2017_09_05_20_56_26.jpg
								24mm2017_09_05_20_56_33.jpg
								24mm2017_09_05_20_56_39.jpg
								20170905205656169.jpg
								20170905205702534.jpg
								20170905205708882.jpg
								20170905205715231.jpg
								20170905205721595.jpg

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37	9/5/2017	20:59:42	2925	273	123	20170905_205952_A.igm	None	24mm2017_09_05 20_59_11.jpg
								24mm2017_09_05_20_59_18.jpg
								24mm2017_09_05_20_59_24.jpg
								20170905205954104.jpg
								20170905210000468.jpg
								20170905210006817.jpg
38	9/5/2017	21:02:10	3134	83	121	20170905_210222_A.igm	None	24mm2017_09_05 21_01_40.jpg
								24mm2017_09_05_21_01_46.jpg
								20170905210222090.jpg
								20170905210228438.jpg
39	9/5/2017	21:05:02	3175	88	117	20170905_210514_A.igm	None	24mm2017_09_05 21_04_32.jpg
								24mm2017_09_05_21_04_38.jpg
								24mm2017_09_05_21_04_45.jpg
								24mm2017_09_05_21_04_51.jpg
								24mm2017_09_05_21_04_57.jpg
								24mm2017_09_05_21_05_04.jpg
								20170905210514580.jpg
								20170905210520929.jpg
								20170905210527277.jpg
								20170905210533642.jpg
								20170905210539990.jpg
								20170905210546339.jpg
40	9/5/2017	21:11:36	3123	226	124	20170905_211147_A.igm	None	24mm2017_09_05 21_11_06.jpg
								24mm2017_09_05_21_11_12.jpg
								20170905211148573.jpg
								20170905211154922.jpg
41	9/5/2017	21:14:33	3054	214	127	20170905_211445_A.igm	None	24mm2017_09_05 21_14_03.jpg
								24mm2017_09_05_21_14_09.jpg
								20170905211445603.jpg
								20170905211451951.jpg
42	9/5/2017	21:17:30	2988	240	125	20170905_211740_A.igm	None	24mm2017_09_05 21_17_00.jpg
								24mm2017_09_05_21_17_06.jpg
								20170905211741712.jpg
								20170905211748076.jpg
43	9/5/2017	21:20:41	3073	240	122	20170905_212051_A.igm	None	24mm2017_09_05 21_20_10.jpg
								24mm2017_09_05_21_20_17.jpg
								24mm2017_09_05_21_20_23.jpg
								24mm2017_09_05_21_20_29.jpg
								24mm2017_09_05_21_20_35.jpg
								24mm2017_09_05_21_20_42.jpg
								24mm2017_09_05_21_20_48.jpg
								20170905212052360.jpg
								20170905212058709.jpg
								20170905212105073.jpg

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								20170905212111422.jpg
								20170905212117786.jpg
								20170905212124135.jpg
								20170905212130483.jpg
44	9/5/2017	21:27:52	3106	126	123	20170905_212803_A.igm	None	24mm2017_09_05 21_27_21.jpg
						20170905_212847_A.igm		24mm2017_09_05_21_27_28.jpg
								24mm2017_09_05_21_27_34.jpg
								24mm2017_09_05_21_27_40.jpg
								24mm2017_09_05_21_27_47.jpg
								24mm2017_09_05_21_27_53.jpg
								24mm2017_09_05_21_27_59.jpg
								24mm2017_09_05_21_28_05.jpg
								24mm2017_09_05_21_28_12.jpg
								20170905212803581.jpg
								20170905212809930.jpg
								20170905212816294.jpg
								20170905212822643.jpg
								20170905212829007.jpg
								20170905212835355.jpg
								20170905212841704.jpg
								20170905212848068.jpg
								20170905212854417.jpg
45	9/5/2017	21:33:45	3148	245	119	20170905_213356_A.igm	None	24mm2017_09_05 21_33_14.jpg
								24mm2017_09_05_21_33_21.jpg
								20170905213356720.jpg
								20170905213403084.jpg
46	9/5/2017	21:36:53	2867	251	129	20170905_213704_A.igm	None	24mm2017_09_05 21_36_23.jpg
								24mm2017_09_05_21_36_29.jpg
								24mm2017_09_05_21_36_35.jpg
								20170905213704653.jpg
								20170905213711003.jpg
								20170905213717351.jpg
47	9/5/2017	21:40:13	2769	90	130	20170905_214025_A.igm	None	24mm2017_09_05 21_39_43.jpg
								24mm2017_09_05_21_39_49.jpg
								20170905214025269.jpg
								20170905214031633.jpg
48	9/5/2017	21:43:16	2913	85	121	20170905_214327_A.igm	None	24mm2017_09_05 21_42_46.jpg
								24mm2017_09_05_21_42_52.jpg
								20170905214328663.jpg
								20170905214334107.jpg
49	9/5/2017	21:46:09	2741	267	126	None	None	24mm2017_09_05 21_45_39.jpg
								20170905214622059.jpg
50	9/5/2017	21:49:12	2725	313	127	20170905_214924_A.igm	None	24mm2017_09_05 21_48_42.jpg
								24mm2017_09_05_21_48_48.jpg

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								20170905214924527.jpg
								20170905214930876.jpg
51	9/5/2017	21:52:15	2876	356	118	20170905_215226_A.igm	None	24mm2017_09_05 21_51_45.jpg
								24mm2017_09_05_21_51_51.jpg
								20170905215227906.jpg
								20170905215234254.jpg
52	9/5/2017	21:54:59	2972	76	116	20170905_215510_A.igm	None	24mm2017_09_05 21_54_29.jpg
								24mm2017_09_05_21_54_35.jpg
								20170905215511319.jpg
								20170905215517667.jpg
53	9/5/2017	21:57:55	2957	23	123	20170905_215806_A.igm	None	24mm2017_09_05 21_57_25.jpg
								24mm2017_09_05_21_57_31.jpg
								24mm2017_09_05_21_57_38.jpg
								20170905215807444.jpg
								20170905215813792.jpg
								20170905215820141.jpg
54	9/5/2017	22:01:04	2873	176	126	20170905_220115_A.igm	None	24mm2017_09_05 22_00_34.jpg
								24mm2017_09_05_22_00_40.jpg
								20170905220116266.jpg
								20170905220122615.jpg

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Flight 18 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/6/2017	13:58:38	2772	81	93	20170906_135849_A.igm	None	24mm2017_09_06 13_58_07.jpg
								24mm2017_09_06_13_58_13.jpg
								24mm2017_09_06_13_58_19.jpg
								24mm2017_09_06_13_58_26.jpg
								20170906135850274.jpg
								20170906135856638.jpg
								20170906135902987.jpg
								20170906135909336.jpg
2	9/6/2017	14:01:17	2760	89	89	20170906_140128_A.igm	None	24mm2017_09_06 14_00_46.jpg
								24mm2017_09_06_14_00_52.jpg
								24mm2017_09_06_14_00_58.jpg
								20170906140129148.jpg
								20170906140135512.jpg
								20170906140141861.jpg
3	9/6/2017	14:03:41	2797	345	102	20170906_140353_A.igm	None	24mm2017_09_06 14_03_10.jpg
								24mm2017_09_06_14_03_16.jpg
								24mm2017_09_06_14_03_23.jpg
								24mm2017_09_06_14_03_29.jpg
								24mm2017_09_06_14_03_35.jpg
								24mm2017_09_06_14_03_41.jpg
								20170906140353499.jpg
								20170906140359848.jpg
								20170906140406212.jpg
								20170906140412561.jpg
								20170906140418910.jpg
								20170906140425274.jpg
4	9/6/2017	14:10:28	2781	194	139	20170906_141039_A.igm	None	24mm2017_09_06 14_09_57.jpg
								24mm2017_09_06_14_10_03.jpg
								24mm2017_09_06_14_10_09.jpg
								20170906141040208.jpg
								20170906141046556.jpg
								20170906141052921.jpg
5	9/6/2017	14:14:55	2861	101	96	20170906_141506_A.igm	None	24mm2017_09_06 14_14_24.jpg
								24mm2017_09_06_14_14_30.jpg
								24mm2017_09_06_14_14_36.jpg
								24mm2017_09_06_14_14_43.jpg
								24mm2017_09_06_14_14_49.jpg
								20170906141507103.jpg
								20170906141513467.jpg
								20170906141519816.jpg
								20170906141526180.jpg

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								20170906141532529.jpg
6	9/6/2017	14:19:15	2883	73	86	20170906_141927_A.igm	None	24mm2017_09_06 14_18_44.jpg
								24mm2017_09_06_14_18_50.jpg
								24mm2017_09_06_14_18_56.jpg
								24mm2017_09_06_14_19_03.jpg
								24mm2017_09_06_14_19_09.jpg
								24mm2017_09_06_14_19_15.jpg
								24mm2017_09_06_14_19_22.jpg
								20170906141927651.jpg
								20170906141934015.jpg
								20170906141939459.jpg
								20170906141945808.jpg
								20170906141952172.jpg
								20170906141958521.jpg
								20170906142004885.jpg
7	9/6/2017	14:23:28	2810	274	138	20170906_142339_A.igm	None	24mm2017_09_06 14_22_57.jpg
								24mm2017_09_06_14_23_03.jpg
								24mm2017_09_06_14_23_09.jpg
								24mm2017_09_06_14_23_16.jpg
								24mm2017_09_06_14_23_22.jpg
								20170906142340039.jpg
								20170906142346388.jpg
								20170906142352753.jpg
								20170906142359101.jpg
								20170906142405450.jpg
8	9/6/2017	14:26:56	2877	97	100	20170906_142708_A.igm	None	24mm2017_09_06 14_26_25.jpg
								24mm2017_09_06_14_26_32.jpg
								24mm2017_09_06_14_26_38.jpg
								24mm2017_09_06_14_26_44.jpg
								24mm2017_09_06_14_26_50.jpg
								24mm2017_09_06_14_26_57.jpg
								24mm2017_09_06_14_27_03.jpg
								24mm2017_09_06_14_27_09.jpg
								20170906142708846.jpg
								20170906142715195.jpg
								20170906142721543.jpg
								20170906142727908.jpg
								20170906142734256.jpg
								20170906142740605.jpg
								20170906142746969.jpg
								20170906142752413.jpg
9	9/6/2017	14:31:28	2852	271	142	20170906_143139_A.igm	None	24mm2017_09_06 14_30_57.jpg
								24mm2017_09_06_14_31_03.jpg
								24mm2017_09_06_14_31_09.jpg

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								20170906143140281.jpg
								20170906143146629.jpg
								20170906143152994.jpg
10	9/6/2017	14:38:17	2867	9	103	20170906_143828_A.igm	None	24mm2017_09_06 14_37_46.jpg
						20170906_143913_A.igm		24mm2017_09_06_14_37_52.jpg
								24mm2017_09_06_14_37_58.jpg
								24mm2017_09_06_14_38_04.jpg
								24mm2017_09_06_14_38_11.jpg
								24mm2017_09_06_14_38_17.jpg
								24mm2017_09_06_14_38_23.jpg
								24mm2017_09_06_14_38_30.jpg
								24mm2017_09_06_14_38_36.jpg
								20170906143828799.jpg
								20170906143835163.jpg
								20170906143841512.jpg
								20170906143847876.jpg
								20170906143854225.jpg
								20170906143900573.jpg
								20170906143906938.jpg
								20170906143913286.jpg
								20170906143919651.jpg
11	9/6/2017	14:44:05	2896	170	128	20170906_144417_A.igm	None	24mm2017_09_06 14_43_34.jpg
								24mm2017_09_06_14_43_41.jpg
								24mm2017_09_06_14_43_47.jpg
								24mm2017_09_06_14_43_53.jpg
								20170906144417416.jpg
								20170906144423765.jpg
								20170906144430129.jpg
								20170906144436478.jpg
12	9/6/2017	14:48:03	2940	351	109	20170906_144815_A.igm	None	24mm2017_09_06 14_47_32.jpg
								24mm2017_09_06_14_47_39.jpg
								24mm2017_09_06_14_47_45.jpg
								24mm2017_09_06_14_47_51.jpg
								20170906144816173.jpg
								20170906144821617.jpg
								20170906144827981.jpg
								20170906144834330.jpg
13	9/6/2017	14:51:55	2914	253	143	20170906_145207_A.igm	None	24mm2017_09_06 14_51_24.jpg
								24mm2017_09_06_14_51_31.jpg
								24mm2017_09_06_14_51_37.jpg
								24mm2017_09_06_14_51_43.jpg
								20170906145207674.jpg
								20170906145214023.jpg
								20170906145220387.jpg

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								20170906145226736.jpg
14	9/6/2017	14:55:25	2806	3	104	20170906_145537_A.igm	None	24mm2017_09_06 14_54_54.jpg
						20170906_145621_A.igm		24mm2017_09_06_14_55_00.jpg
								24mm2017_09_06_14_55_07.jpg
								24mm2017_09_06_14_55_13.jpg
								24mm2017_09_06_14_55_19.jpg
								24mm2017_09_06_14_55_26.jpg
								24mm2017_09_06_14_55_32.jpg
								24mm2017_09_06_14_55_38.jpg
								24mm2017_09_06_14_55_44.jpg
								20170906145537385.jpg
								20170906145543733.jpg
								20170906145550098.jpg
								20170906145556446.jpg
								20170906145602795.jpg
								20170906145609159.jpg
								20170906145615508.jpg
								20170906145621872.jpg
								20170906145628221.jpg
15	9/6/2017	15:01:42	2968	137	113	20170906_150154_A.igm	None	24mm2017_09_06 15_01_11.jpg
								24mm2017_09_06_15_01_18.jpg
								24mm2017_09_06_15_01_24.jpg
								24mm2017_09_06_15_01_30.jpg
								24mm2017_09_06_15_01_37.jpg
								24mm2017_09_06_15_01_43.jpg
								24mm2017_09_06_15_01_49.jpg
								20170906150155048.jpg
								20170906150201397.jpg
								20170906150207746.jpg
								20170906150214110.jpg
								20170906150220459.jpg
								20170906150225903.jpg
								20170906150232267.jpg
16	9/6/2017	15:06:10	2943	82	101	20170906_150622_A.igm	None	24mm2017_09_06 15_05_39.jpg
								24mm2017_09_06_15_05_45.jpg
								24mm2017_09_06_15_05_52.jpg
								24mm2017_09_06_15_05_58.jpg
								20170906150622851.jpg
								20170906150629215.jpg
								20170906150635564.jpg
								20170906150641912.jpg
17	9/6/2017	15:09:26	2835	267	145	20170906_150938_A.igm	None	24mm2017_09_06 15_08_55.jpg
								24mm2017_09_06_15_09_01.jpg
								24mm2017_09_06_15_09_07.jpg

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								20170906150938039.jpg
								20170906150944387.jpg
								20170906150950752.jpg
18	9/6/2017	15:12:30	2853	316	126	20170906_151242_A.igm	None	24mm2017_09_06 15_11_59.jpg
								24mm2017_09_06_15_12_05.jpg
								24mm2017_09_06_15_12_12.jpg
								20170906151242323.jpg
								20170906151248687.jpg
								20170906151255036.jpg
19	9/6/2017	15:15:25	2974	157	123	20170906_151537_A.igm	None	24mm2017_09_06 15_14_54.jpg
								24mm2017_09_06_15_15_01.jpg
								20170906151537544.jpg
								20170906151543893.jpg
20	9/6/2017	15:19:38	3017	0	110	20170906_151949_A.igm	None	24mm2017_09_06 15_19_07.jpg
								24mm2017_09_06_15_19_13.jpg
								20170906151949917.jpg
								20170906151956266.jpg
21	9/6/2017	15:22:05	2985	144	119	20170906_152217_A.igm	None	24mm2017_09_06 15_21_34.jpg
								24mm2017_09_06_15_21_40.jpg
								24mm2017_09_06_15_21_47.jpg
								24mm2017_09_06_15_21_53.jpg
								20170906152216984.jpg
								20170906152223348.jpg
								20170906152229697.jpg
								20170906152236045.jpg
22	9/6/2017	15:25:29	3005	81	98	20170906_152541_A.igm	None	24mm2017_09_06 15_24_58.jpg
								24mm2017_09_06_15_25_05.jpg
								20170906152542155.jpg
								20170906152547599.jpg
23	9/6/2017	15:27:50	2955	174	137	20170906_152801_A.igm	None	24mm2017_09_06 15_27_19.jpg
								24mm2017_09_06_15_27_25.jpg
								24mm2017_09_06_15_27_31.jpg
								24mm2017_09_06_15_27_37.jpg
								24mm2017_09_06_15_27_44.jpg
								20170906152801967.jpg
								20170906152808315.jpg
								20170906152814680.jpg
								20170906152821028.jpg
								20170906152827377.jpg
24	9/6/2017	15:31:07	2940	3	106	20170906_153118_A.igm	None	24mm2017_09_06 15_30_36.jpg
								24mm2017_09_06_15_30_42.jpg
								24mm2017_09_06_15_30_48.jpg
								24mm2017_09_06_15_30_55.jpg
								24mm2017_09_06_15_31_01.jpg

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								20170906153118964.jpg
								20170906153125313.jpg
								20170906153131677.jpg
								20170906153138026.jpg
								20170906153144391.jpg
25	9/6/2017	15:34:08	2881	170	137	20170906_153420_A.igm	None	24mm2017_09_06 15_33_37.jpg
								24mm2017_09_06_15_33_44.jpg
								24mm2017_09_06_15_33_50.jpg
								20170906153420530.jpg
								20170906153426879.jpg
								20170906153433243.jpg
26	9/6/2017	15:37:53	2965	6	105	20170906_153805_A.igm	None	24mm2017_09_06 15_37_23.jpg
								24mm2017_09_06_15_37_29.jpg
								24mm2017_09_06_15_37_35.jpg
								20170906153805675.jpg
								20170906153812024.jpg
								20170906153818389.jpg
27	9/6/2017	15:40:24	2932	219	143	20170906_154036_A.igm	None	24mm2017_09_06 15_39_53.jpg
								24mm2017_09_06_15_40_00.jpg
								24mm2017_09_06_15_40_06.jpg
								24mm2017_09_06_15_40_12.jpg
								20170906154036376.jpg
								20170906154042724.jpg
								20170906154049089.jpg
								20170906154055437.jpg
28	9/6/2017	15:43:54	2994	14	104	20170906_154405_A.igm	None	24mm2017_09_06 15_43_23.jpg
								24mm2017_09_06_15_43_29.jpg
								24mm2017_09_06_15_43_36.jpg
								24mm2017_09_06_15_43_42.jpg
								24mm2017_09_06_15_43_48.jpg
								24mm2017_09_06_15_43_55.jpg
								20170906154406087.jpg
								20170906154412435.jpg
								20170906154418800.jpg
								20170906154425149.jpg
								20170906154431497.jpg
								20170906154437862.jpg
29	9/6/2017	15:48:01	2895	81	103	20170906_154813_A.igm	None	24mm2017_09_06 15_47_30.jpg
								24mm2017_09_06_15_47_37.jpg
								24mm2017_09_06_15_47_43.jpg
								24mm2017_09_06_15_47_49.jpg
								24mm2017_09_06_15_47_55.jpg
								20170906154813921.jpg
								20170906154820285.jpg

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								20170906154826634.jpg
								20170906154832982.jpg
								20170906154838442.jpg
30	9/6/2017	15:51:40	2845	112	112	20170906_155151_A.igm	None	24mm2017_09_06 15_51_09.jpg
								24mm2017_09_06_15_51_15.jpg
								24mm2017_09_06_15_51_22.jpg
								20170906155152709.jpg
								20170906155159074.jpg
								20170906155205422.jpg
31	9/6/2017	15:54:49	2909	51	97	20170906_155500_A.igm	None	24mm2017_09_06 15_54_18.jpg
								24mm2017_09_06_15_54_24.jpg
								24mm2017_09_06_15_54_30.jpg
								20170906155500629.jpg
								20170906155506993.jpg
								20170906155513342.jpg
32	9/6/2017	15:57:42	2934	178	134	20170906_155754_A.igm	None	24mm2017_09_06 15_57_11.jpg
								24mm2017_09_06_15_57_18.jpg
								20170906155754943.jpg
								20170906155801292.jpg
33	9/6/2017	16:00:33	2981	64	97	20170906_160045_A.igm	None	24mm2017_09_06 16_00_02.jpg
								24mm2017_09_06_16_00_08.jpg
								24mm2017_09_06_16_00_15.jpg
								24mm2017_09_06_16_00_21.jpg
								20170906160045609.jpg
								20170906160051974.jpg
								20170906160058322.jpg
								20170906160104671.jpg
34	9/6/2017	16:03:42	2962	114	112	20170906_160354_A.igm	None	24mm2017_09_06 16_03_11.jpg
								24mm2017_09_06_16_03_18.jpg
								24mm2017_09_06_16_03_24.jpg
								24mm2017_09_06_16_03_30.jpg
								24mm2017_09_06_16_03_36.jpg
								20170906160354448.jpg
								20170906160400798.jpg
								20170906160407147.jpg
								20170906160413511.jpg
								20170906160419860.jpg
35	9/6/2017	16:06:43	2993	236	139	20170906_160655_A.igm	None	24mm2017_09_06 16_06_12.jpg
								24mm2017_09_06_16_06_19.jpg
								24mm2017_09_06_16_06_25.jpg
								20170906160656004.jpg
								20170906160702368.jpg
								20170906160708717.jpg
36	9/6/2017	16:10:15	2998	74	102	20170906_161026_A.igm	None	24mm2017_09_06 16_09_44.jpg

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								24mm2017_09_06_16_09_50.jpg
								24mm2017_09_06_16_09_57.jpg
								24mm2017_09_06_16_10_03.jpg
								20170906161027539.jpg
								20170906161033888.jpg
								20170906161040237.jpg
								20170906161046601.jpg
37	9/6/2017	16:13:10	2981	191	136	20170906_161321_A.igm	None	24mm2017_09_06 16_12_39.jpg
								24mm2017_09_06_16_12_45.jpg
								20170906161321840.jpg
								20170906161328189.jpg
38	9/6/2017	16:16:06	2976	338	116	20170906_161618_A.igm	None	24mm2017_09_06 16_15_36.jpg
								24mm2017_09_06_16_15_42.jpg
								24mm2017_09_06_16_15_48.jpg
								24mm2017_09_06_16_15_54.jpg
								20170906161618871.jpg
								20170906161625220.jpg
								20170906161631568.jpg
								20170906161637933.jpg
39	9/6/2017	16:19:40	2991	335	114	20170906_161952_A.igm	None	24mm2017_09_06 16_19_09.jpg
								24mm2017_09_06_16_19_16.jpg
								24mm2017_09_06_16_19_22.jpg
								24mm2017_09_06_16_19_28.jpg
								24mm2017_09_06_16_19_34.jpg
								24mm2017_09_06_16_19_41.jpg
								20170906161952200.jpg
								20170906161958565.jpg
								20170906162004913.jpg
								20170906162011278.jpg
								20170906162017626.jpg
								20170906162023975.jpg
40	9/6/2017	16:22:31	2975	168	139	20170906_162242_A.igm	None	24mm2017_09_06 16_22_00.jpg
								24mm2017_09_06_16_22_06.jpg
								24mm2017_09_06_16_22_12.jpg
								20170906162242882.jpg
								20170906162249231.jpg
								20170906162255595.jpg
41	9/6/2017	16:25:59	2977	84	107	20170906_162610_A.igm	None	24mm2017_09_06 16_25_28.jpg
								24mm2017_09_06_16_25_35.jpg
								24mm2017_09_06_16_25_41.jpg
								24mm2017_09_06_16_25_47.jpg
								24mm2017_09_06_16_25_54.jpg
								24mm2017_09_06_16_26_00.jpg
								20170906162611688.jpg

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								20170906162618037.jpg
								20170906162624385.jpg
								20170906162630750.jpg
								20170906162637098.jpg
								20170906162643448.jpg
42	9/6/2017	16:29:29	2904	24	99	20170906_162941_A.igm	None	24mm2017_09_06 16_28_58.jpg
								24mm2017_09_06_16_29_04.jpg
								24mm2017_09_06_16_29_11.jpg
								24mm2017_09_06_16_29_17.jpg
								24mm2017_09_06_16_29_23.jpg
								20170906162941399.jpg
								20170906162947748.jpg
								20170906162954097.jpg
								20170906163000461.jpg
								20170906163006810.jpg
43	9/6/2017	16:32:20	2906	216	148	20170906_163231_A.igm	None	24mm2017_09_06 16_31_49.jpg
								24mm2017_09_06_16_31_55.jpg
								24mm2017_09_06_16_32_01.jpg
								20170906163232066.jpg
								20170906163238414.jpg
								20170906163244779.jpg
44	9/6/2017	16:35:59	3069	62	100	20170906_163610_A.igm	None	24mm2017_09_06 16_35_28.jpg
								24mm2017_09_06_16_35_35.jpg
								24mm2017_09_06_16_35_41.jpg
								24mm2017_09_06_16_35_47.jpg
								24mm2017_09_06_16_35_53.jpg
								24mm2017_09_06_16_36_00.jpg
								24mm2017_09_06_16_36_06.jpg
								20170906163611759.jpg
								20170906163618108.jpg
								20170906163624472.jpg
								20170906163630821.jpg
								20170906163637185.jpg
								20170906163643534.jpg
								20170906163648978.jpg
45	9/6/2017	16:39:17	2796	161	146	20170906_163928_A.igm	None	24mm2017_09_06 16_38_46.jpg
								24mm2017_09_06_16_38_52.jpg
								24mm2017_09_06_16_38_59.jpg
								20170906163929662.jpg
								20170906163936026.jpg
								20170906163942375.jpg
46	9/6/2017	16:43:48	3003	0	103	20170906_164359_A.igm	None	24mm2017_09_06 16_43_17.jpg
								24mm2017_09_06_16_43_23.jpg
								24mm2017_09_06_16_43_29.jpg

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								24mm2017_09_06_16_43_36.jpg
								24mm2017_09_06_16_43_42.jpg
								24mm2017_09_06_16_43_48.jpg
								24mm2017_09_06_16_43_55.jpg
								24mm2017_09_06_16_44_01.jpg
								20170906164400208.jpg
								20170906164406556.jpg
								20170906164412921.jpg
								20170906164419269.jpg
								20170906164425618.jpg
								20170906164431982.jpg
								20170906164438331.jpg
								20170906164444680.jpg
47	9/6/2017	16:48:07	2856	217	154	20170906_164819_A.igm	None	24mm2017_09_06 16_47_36.jpg
								24mm2017_09_06_16_47_42.jpg
								20170906164818930.jpg
								20170906164825295.jpg
48	9/6/2017	16:51:34	2979	78	108	20170906_165145_A.igm	None	24mm2017_09_06 16_51_03.jpg
								24mm2017_09_06_16_51_09.jpg
								24mm2017_09_06_16_51_16.jpg
								24mm2017_09_06_16_51_22.jpg
								24mm2017_09_06_16_51_28.jpg
								24mm2017_09_06_16_51_35.jpg
								24mm2017_09_06_16_51_41.jpg
								20170906165146831.jpg
								20170906165153180.jpg
								20170906165158639.jpg
								20170906165204988.jpg
								20170906165211337.jpg
								20170906165217701.jpg
								20170906165224050.jpg
49	9/6/2017	16:55:27	2957	278	137	20170906_165539_A.igm	None	24mm2017_09_06 16_54_56.jpg
								24mm2017_09_06_16_55_02.jpg
								20170906165539238.jpg
								20170906165545602.jpg

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Flight 19 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/6/2017	19:12:52	2817	82	113	20170906_191256_A.igm	None	24mm2017_09_06 19_13_02.jpg
								24mm2017_09_06_19_13_09.jpg
								20170906191305053.jpg
								20170906191311407.jpg
2	9/6/2017	19:16:54	2885	81	116	20170906_191658_A.igm	None	24mm2017_09_06 19_17_04.jpg
								24mm2017_09_06_19_17_11.jpg
								20170906191706541.jpg
								20170906191712895.jpg
3	9/6/2017	19:19:43	2727	294	133	20170906_191947_A.igm	None	24mm2017_09_06 19_19_53.jpg
								20170906191955401.jpg
4	9/6/2017	19:23:15	2912	53	107	20170906_192319_A.igm	None	24mm2017_09_06 19_23_25.jpg
								24mm2017_09_06_19_23_32.jpg
								24mm2017_09_06_19_23_38.jpg
								24mm2017_09_06_19_23_44.jpg
								24mm2017_09_06_19_23_51.jpg
								20170906192327840.jpg
								20170906192334196.jpg
								20170906192340550.jpg
								20170906192346905.jpg
								20170906192353261.jpg
5	9/6/2017	19:26:39	2892	214	143	20170906_192643_A.igm	None	24mm2017_09_06 19_26_49.jpg
								24mm2017_09_06_19_26_56.jpg
								24mm2017_09_06_19_27_02.jpg
								24mm2017_09_06_19_27_08.jpg
								24mm2017_09_06_19_27_15.jpg
								20170906192651200.jpg
								20170906192657554.jpg
								20170906192703909.jpg
								20170906192710265.jpg
								20170906192716619.jpg
6	9/6/2017	19:30:01	3029	334	115	20170906_193004_A.igm	None	24mm2017_09_06 19_30_11.jpg
								24mm2017_09_06_19_30_17.jpg
								24mm2017_09_06_19_30_24.jpg
								24mm2017_09_06_19_30_30.jpg
								24mm2017_09_06_19_30_36.jpg
								24mm2017_09_06_19_30_43.jpg
								20170906193013650.jpg
								20170906193020005.jpg
								20170906193026359.jpg
								20170906193032715.jpg
								20170906193039068.jpg

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								20170906193045423.jpg
7	9/6/2017	19:33:40	2867	63	116	20170906_193344_A.igm	None	24mm2017_09_06 19_33_51.jpg
								24mm2017_09_06_19_33_57.jpg
								20170906193352435.jpg
								20170906193358791.jpg
8	9/6/2017	19:35:32	2660	199	139	20170906_193536_A.igm	None	24mm2017_09_06 19_35_42.jpg
								24mm2017_09_06_19_35_48.jpg
								20170906193544102.jpg
								20170906193550456.jpg
9	9/6/2017	19:37:59	2909	322	111	20170906_193803_A.igm	None	24mm2017_09_06 19_38_09.jpg
								24mm2017_09_06_19_38_15.jpg
								24mm2017_09_06_19_38_22.jpg
								20170906193811174.jpg
								20170906193817528.jpg
								20170906193823885.jpg
10	9/6/2017	19:41:33	2976	131	128	20170906_194136_A.igm	None	24mm2017_09_06 19_41_43.jpg
								24mm2017_09_06_19_41_49.jpg
								20170906194144520.jpg
								20170906194150877.jpg
11	9/6/2017	19:43:36	3032	80	111	20170906_194340_A.igm	None	24mm2017_09_06 19_43_47.jpg
								24mm2017_09_06_19_43_53.jpg
								24mm2017_09_06_19_43_59.jpg
								20170906194348896.jpg
								20170906194355252.jpg
								20170906194401605.jpg
12	9/6/2017	19:45:17	2986	46	107	20170906_194521_A.igm	None	24mm2017_09_06 19_45_27.jpg
								24mm2017_09_06_19_45_33.jpg
								24mm2017_09_06_19_45_40.jpg
								20170906194529667.jpg
								20170906194536024.jpg
								20170906194542377.jpg
13	9/6/2017	19:49:52	2947	269	133	20170906_195003_A.igm	None	24mm2017_09_06 19_50_02.jpg
								24mm2017_09_06_19_50_09.jpg
								24mm2017_09_06_19_50_15.jpg
								20170906195004747.jpg
								20170906195011102.jpg
								20170906195017457.jpg
14	9/6/2017	19:52:29	2871	277	126	20170906_195232_A.igm	None	24mm2017_09_06 19_52_39.jpg
								24mm2017_09_06_19_52_45.jpg
								24mm2017_09_06_19_52_52.jpg
								20170906195240898.jpg
								20170906195247253.jpg
								20170906195253609.jpg
15	9/6/2017	19:54:35	2981	186	128	20170906_195439_A.igm	None	24mm2017_09_06 19_54_45.jpg

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								24mm2017_09_06_19_54_51.jpg
								20170906195447090.jpg
								20170906195453447.jpg
16	9/6/2017	19:56:40	2969	81	115	20170906_195643_A.igm	None	24mm2017_09_06 19_56_50.jpg
								24mm2017_09_06_19_56_56.jpg
								20170906195652374.jpg
								20170906195658732.jpg
17	9/6/2017	19:59:23	3087	277	129	20170906_195927_A.igm	None	24mm2017_09_06 19_59_33.jpg
								24mm2017_09_06_19_59_39.jpg
								20170906195934874.jpg
								20170906195941229.jpg
18	9/6/2017	0.8347	2828	87	118	20170906_200204_A.igm	None	24mm2017_09_06 20_02_10.jpg
								24mm2017_09_06_20_02_16.jpg
								20170906200211928.jpg
								20170906200218282.jpg
19	9/6/2017	20:05:52	3027	71	109	20170906_200556_A.igm	None	24mm2017_09_06 20_06_02.jpg
								24mm2017_09_06_20_06_09.jpg
								24mm2017_09_06_20_06_15.jpg
								24mm2017_09_06_20_06_21.jpg
								20170906200604339.jpg
								20170906200610693.jpg
								20170906200617049.jpg
								20170906200623403.jpg
20	9/6/2017	20:09:07	2962	269	136	20170906_200911_A.igm	None	24mm2017_09_06 20_09_17.jpg
								20170906200919527.jpg
21	9/6/2017	20:12:43	2979	267	132	20170906_201247_A.igm	None	24mm2017_09_06 20_12_53.jpg
								24mm2017_09_06_20_12_59.jpg
								20170906201255595.jpg
								20170906201301950.jpg
22	9/6/2017	20:13:46	2889	236	137	20170906_201349_A.igm	None	24mm2017_09_06 20_13_55.jpg
								24mm2017_09_06_20_14_02.jpg
								20170906201358236.jpg
								20170906201403684.jpg
23	9/6/2017	20:16:24	2871	131	128	20170906_201628_A.igm	None	24mm2017_09_06 20_16_34.jpg
								24mm2017_09_06_20_16_40.jpg
								20170906201636198.jpg
								20170906201642553.jpg
24	9/6/2017	20:18:34	2944	110	123	20170906_201838_A.igm	None	24mm2017_09_06 20_18_44.jpg
								24mm2017_09_06_20_18_50.jpg
								20170906201846021.jpg
								20170906201852375.jpg
25	9/6/2017	20:20:31	3040	62	108	20170906_202036_A.igm	None	24mm2017_09_06 20_20_41.jpg
								24mm2017_09_06_20_20_48.jpg
								20170906202044040.jpg

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								20170906202050396.jpg
26	9/6/2017	20:22:53	3010	316	115	20170906_202256_A.igm	None	24mm2017_09_06 20_23_03.jpg
								20170906202304749.jpg
27	9/6/2017	20:25:09	3047	64	108	20170906_202513_A.igm	None	24mm2017_09_06 20_25_19.jpg
								24mm2017_09_06_20_25_25.jpg
								20170906202520927.jpg
								20170906202527281.jpg
28	9/6/2017	20:27:41	2949	52	100	20170906_202745_A.igm	None	24mm2017_09_06 20_27_51.jpg
								20170906202753448.jpg
29	9/6/2017	20:30:36	3001	274	128	20170906_203040_A.igm	None	24mm2017_09_06 20_30_46.jpg
								20170906203048664.jpg
30	9/6/2017	20:32:51	2923	19	107	20170906_203255_A.igm	None	24mm2017_09_06 20_33_01.jpg
								24mm2017_09_06_20_33_07.jpg
								24mm2017_09_06_20_33_14.jpg
								20170906203303926.jpg
								20170906203309371.jpg
								20170906203315726.jpg
31	9/6/2017	20:36:16	2943	231	142	20170906_203621_A.igm	None	24mm2017_09_06 20_36_26.jpg
								24mm2017_09_06_20_36_33.jpg
								24mm2017_09_06_20_36_39.jpg
								20170906203629095.jpg
								20170906203635451.jpg
								20170906203641806.jpg
32	9/6/2017	20:38:41	2921	269	132	20170906_203844_A.igm	None	24mm2017_09_06 20_38_51.jpg
								24mm2017_09_06_20_38_57.jpg
								24mm2017_09_06_20_39_04.jpg
								20170906203853443.jpg
								20170906203859798.jpg
								20170906203906155.jpg
33	9/6/2017	20:41:48	2896	86	116	20170906_204152_A.igm	None	24mm2017_09_06 20_41_58.jpg
								24mm2017_09_06_20_42_04.jpg
								20170906204200459.jpg
								20170906204206816.jpg

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Flight 20 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/7/2017	16:25:02	1881	149	157	20170907_162505_A.igm	None	24mm2017_09_07 16_25_11.jpg
								24mm2017_09_07_16_25_17.jpg
								20170907162513547.jpg
								20170907162519904.jpg
2	9/7/2017	17:49:58	3107	309	118	20170907_175002_A.igm	None	24mm2017_09_07 17_50_08.jpg
								24mm2017_09_07_17_50_14.jpg
								24mm2017_09_07_17_50_20.jpg
								24mm2017_09_07_17_50_27.jpg
								24mm2017_09_07_17_50_33.jpg
								20170907175011035.jpg
								20170907175017391.jpg
								20170907175023744.jpg
								20170907175030100.jpg
								20170907175036455.jpg
3	9/7/2017	17:55:55	3088	119	124	20170907_175559_A.igm	None	24mm2017_09_07 17_56_04.jpg
								24mm2017_09_07_17_56_10.jpg
								24mm2017_09_07_17_56_17.jpg
								24mm2017_09_07_17_56_23.jpg
								24mm2017_09_07_17_56_29.jpg
								24mm2017_09_07_17_56_36.jpg
								20170907175606913.jpg
								20170907175613267.jpg
								20170907175619622.jpg
								20170907175625978.jpg
								20170907175632331.jpg
								20170907175638686.jpg
4	9/7/2017	18:01:01	3174	63	117	20170907_180105_A.igm	None	24mm2017_09_07 18_01_10.jpg
								24mm2017_09_07_18_01_17.jpg
								24mm2017_09_07_18_01_23.jpg
								24mm2017_09_07_18_01_29.jpg
								24mm2017_09_07_18_01_36.jpg
								20170907180113767.jpg
								20170907180120121.jpg
								20170907180126476.jpg
								20170907180132831.jpg
								20170907180139187.jpg
5	9/7/2017	18:04:30	2820	206	121	20170907_180434_A.igm	None	24mm2017_09_07 18_04_39.jpg
								24mm2017_09_07_18_04_45.jpg
								24mm2017_09_07_18_04_51.jpg
								24mm2017_09_07_18_04_58.jpg
								20170907180441665.jpg

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								20170907180448020.jpg
								20170907180454375.jpg
								20170907180500730.jpg
6	9/7/2017	18:13:46	2953	308	123	20170907_181350_A.igm	None	24mm2017_09_07 18_13_55.jpg
								24mm2017_09_07_18_14_02.jpg
								24mm2017_09_07_18_14_08.jpg
								24mm2017_09_07_18_14_14.jpg
								24mm2017_09_07_18_14_21.jpg
								20170907181358180.jpg
								20170907181404536.jpg
								20170907181410890.jpg
								20170907181417244.jpg
								20170907181423602.jpg

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Flight 21 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos	Notes
1	9/7/2017	19:46:59	2780	283	138	20170907_194704_A.igm	None	24mm2017_09_07 19_46_24.jpg	
								24mm2017_09_07_19_46_30.jpg	
								24mm2017_09_07_19_46_36.jpg	
								20170907194711539.jpg	
								20170907194717894.jpg	
								20170907194724251.jpg	
2	9/7/2017	19:50:28	2700	291	129	20170907_195032_A.igm	None	24mm2017_09_07 19_49_52.jpg	
								24mm2017_09_07_19_49_59.jpg	
								24mm2017_09_07_19_50_05.jpg	
								20170907195040346.jpg	
								20170907195046701.jpg	
								20170907195053056.jpg	
3	9/7/2017	19:52:50	2927	66	110	20170907_195254_A.igm	None	24mm2017_09_07 19_52_14.jpg	
								24mm2017_09_07_19_52_20.jpg	
								24mm2017_09_07_19_52_27.jpg	
								24mm2017_09_07_19_52_33.jpg	
								24mm2017_09_07_19_52_39.jpg	
								20170907195301972.jpg	
								20170907195308327.jpg	
								20170907195314682.jpg	
								20170907195321036.jpg	
								20170907195327391.jpg	
4	9/7/2017	19:56:28	2832	293	140	20170907_195632_A.igm	None	24mm2017_09_07 19_55_53.jpg	
								24mm2017_09_07_19_55_59.jpg	
								24mm2017_09_07_19_56_05.jpg	
								20170907195640765.jpg	
								20170907195647119.jpg	
								20170907195653475.jpg	
5	9/7/2017	19:58:50	2935	57	114	20170907_195853_A.igm	None	24mm2017_09_07 19_58_14.jpg	
								24mm2017_09_07_19_58_21.jpg	
								24mm2017_09_07_19_58_27.jpg	
								20170907195902392.jpg	
								20170907195908746.jpg	
								20170907195915100.jpg	
6	9/7/2017	20:02:06	2854	205	138	20170907_200210_A.igm	None	24mm2017_09_07 20_01_31.jpg	
								24mm2017_09_07_20_01_37.jpg	
								20170907200218487.jpg	
								20170907200224842.jpg	
7	9/7/2017	20:04:28	2866	30	108	20170907_200432_A.igm	None	24mm2017_09_07 20_03_53.jpg	
								24mm2017_09_07_20_03_59.jpg	
								24mm2017_09_07_20_04_05.jpg	

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								20170907200441020.jpg
								20170907200447375.jpg
								20170907200453730.jpg
8	9/7/2017	20:07:06	2987	77	104	20170907_200709_A.igm	None	24mm2017_09_07 20_06_30.jpg
								24mm2017_09_07_20_06_37.jpg
								24mm2017_09_07_20_06_43.jpg
								24mm2017_09_07_20_06_49.jpg
								20170907200718079.jpg
								20170907200724435.jpg
								20170907200730790.jpg
								20170907200737144.jpg
9	9/7/2017	20:10:42	2965	54	110	20170907_201047_A.igm	None	24mm2017_09_07 20_10_06.jpg
								24mm2017_09_07_20_10_13.jpg
								20170907201054139.jpg
								20170907201100495.jpg
10	9/7/2017	20:12:44	2847	249	123	20170907_201249_A.igm	None	24mm2017_09_07 20_12_09.jpg
								24mm2017_09_07_20_12_15.jpg
								20170907201256699.jpg
								20170907201303057.jpg
11	9/7/2017	20:15:23	2840	54	97	20170907_201527_A.igm	None	24mm2017_09_07 20_14_48.jpg
								24mm2017_09_07_20_14_54.jpg
								20170907201535572.jpg
								20170907201541926.jpg
12	9/7/2017	20:17:43	2957	224	125	20170907_201747_A.igm	None	24mm2017_09_07 20_17_07.jpg
								24mm2017_09_07_20_17_14.jpg
								24mm2017_09_07_20_17_20.jpg
								20170907201755380.jpg
								20170907201801734.jpg
								20170907201808090.jpg
13	9/7/2017	20:20:29	3051	58	109	20170907_202034_A.igm	None	24mm2017_09_07 20_19_54.jpg
								24mm2017_09_07_20_20_00.jpg
								24mm2017_09_07_20_20_07.jpg
								20170907202042426.jpg
								20170907202047871.jpg
								20170907202054226.jpg
14	9/7/2017	20:22:50	2942	214	141	20170907_202253_A.igm	None	24mm2017_09_07 20_22_14.jpg
								24mm2017_09_07_20_22_21.jpg
								20170907202302229.jpg
								20170907202308586.jpg
15	9/7/2017	20:24:38	2793	144	122	20170907_202443_A.igm	None	24mm2017_09_07 20_24_03.jpg
								20170907202451169.jpg
16	9/7/2017	20:26:31	2750	291	133	20170907_202635_A.igm	None	24mm2017_09_07 20_25_56.jpg
								24mm2017_09_07_20_26_02.jpg
								20170907202643740.jpg

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								20170907202650095.jpg
17	9/7/2017	20:29:41	2856	276	140	20170907_202945_A.igm	None	24mm2017_09_07 20_29_05.jpg
								24mm2017_09_07_20_29_11.jpg
								20170907202953484.jpg
								20170907202959836.jpg
18	9/7/2017	20:31:33	2807	164	124	20170907_203137_A.igm	None	24mm2017_09_07 20_30_57.jpg
								24mm2017_09_07_20_31_03.jpg
								24mm2017_09_07_20_31_10.jpg
								24mm2017_09_07_20_31_16.jpg
								20170907203145148.jpg
								20170907203151502.jpg
								20170907203157857.jpg
								20170907203204212.jpg
19	9/7/2017	20:34:02	2942	308	123	20170907_203406_A.igm	None	24mm2017_09_07 20_33_27.jpg
								24mm2017_09_07_20_33_33.jpg
								24mm2017_09_07_20_33_39.jpg
								20170907203414938.jpg
								20170907203421295.jpg
								20170907203427651.jpg
20	9/7/2017	20:35:43	2926	211	135	20170907_203546_A.igm	None	24mm2017_09_07 20_35_07.jpg
								24mm2017_09_07_20_35_13.jpg
								20170907203554803.jpg
								20170907203601158.jpg
21	9/7/2017	20:38:55	3072	100	124	20170907_203858_A.igm	None	24mm2017_09_07 20_38_20.jpg
								24mm2017_09_07_20_38_26.jpg
								24mm2017_09_07_20_38_32.jpg
								24mm2017_09_07_20_38_38.jpg
								20170907203907267.jpg
								20170907203913621.jpg
								20170907203919977.jpg
								20170907203926331.jpg
22	9/7/2017	20:41:06	2922	259	128	20170907_204110_A.igm	None	24mm2017_09_07 20_40_30.jpg
								24mm2017_09_07_20_40_37.jpg
								24mm2017_09_07_20_40_43.jpg
								24mm2017_09_07_20_40_49.jpg
								24mm2017_09_07_20_40_55.jpg
								20170907204117998.jpg
								20170907204124352.jpg
								20170907204130708.jpg
								20170907204137063.jpg
								20170907204143417.jpg
23	9/7/2017	20:43:41	2826	354	106	20170907_204345_A.igm	None	24mm2017_09_07 20_43_05.jpg
								24mm2017_09_07_20_43_12.jpg
								20170907204353242.jpg

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								20170907204359596.jpg
24	9/7/2017	20:45:57	2853	307	113	20170907_204601_A.igm	None	24mm2017_09_07 20_45_21.jpg
								24mm2017_09_07_20_45_27.jpg
								20170907204608509.jpg
								20170907204614863.jpg
25	9/7/2017	20:48:10	3015	174	130	20170907_204814_A.igm	None	24mm2017_09_07 20_47_35.jpg
								24mm2017_09_07_20_47_41.jpg
								20170907204822865.jpg
								20170907204829220.jpg
26	9/7/2017	20:50:00	3017	21	117	20170907_205004_A.igm	None	24mm2017_09_07 20_49_24.jpg
								24mm2017_09_07_20_49_31.jpg
								20170907205012714.jpg
								20170907205018161.jpg
27	9/7/2017	20:52:11	2999	221	142	20170907_205215_A.igm	None	24mm2017_09_07 20_51_35.jpg
								24mm2017_09_07_20_51_41.jpg
								20170907205222537.jpg
								20170907205228892.jpg
28	9/7/2017	20:54:45	2943	353	119	20170907_205448_A.igm	None	24mm2017_09_07 20_54_09.jpg
								24mm2017_09_07_20_54_16.jpg
								24mm2017_09_07_20_54_22.jpg
								20170907205457778.jpg
								20170907205504134.jpg
								20170907205509582.jpg
29	9/7/2017	20:58:30	2957	171	135	20170907_205834_A.igm	None	24mm2017_09_07 20_57_55.jpg
								24mm2017_09_07_20_58_01.jpg
								20170907205842914.jpg
								20170907205849270.jpg
30	9/7/2017	21:00:23	3002	313	123	20170907_210027_A.igm	None	24mm2017_09_07 20_59_47.jpg
								24mm2017_09_07_20_59_54.jpg
								20170907210035484.jpg
								20170907210041838.jpg
31	9/7/2017	21:02:39	2916	307	128	20170907_210244_A.igm	None	24mm2017_09_07 21_02_04.jpg
								24mm2017_09_07_21_02_10.jpg
								20170907210251649.jpg
								20170907210258008.jpg
32	9/7/2017	21:05:32	2944	292	132	20170907_210535_A.igm	None	24mm2017_09_07 21_04_56.jpg
								24mm2017_09_07_21_05_02.jpg
								20170907210544141.jpg
								20170907210550497.jpg
33	9/7/2017	21:07:25	2819	223	138	20170907_210729_A.igm	None	24mm2017_09_07 21_06_50.jpg
								20170907210737621.jpg
34	9/7/2017	21:09:21	2898	226	125	20170907_210924_A.igm	None	24mm2017_09_07 21_08_45.jpg
								24mm2017_09_07_21_08_51.jpg
								20170907210932919.jpg

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								20170907210939273.jpg
35	9/7/2017	21:13:42	3117	7	103	20170907_211345_A.igm	None	24mm2017_09_07 21_13_06.jpg
								24mm2017_09_07_21_13_12.jpg
								20170907211354382.jpg
								20170907211400736.jpg
36	9/7/2017	21:16:17	2989	21	111	20170907_211621_A.igm	None	24mm2017_09_07 21_15_41.jpg
								24mm2017_09_07_21_15_48.jpg
								20170907211629626.jpg
								20170907211635979.jpg
37	9/7/2017	21:18:57	2936	270	126	20170907_211901_A.igm	None	24mm2017_09_07 21_18_21.jpg
								24mm2017_09_07_21_18_27.jpg
								24mm2017_09_07_21_18_33.jpg
								24mm2017_09_07_21_18_40.jpg
								24mm2017_09_07_21_18_46.jpg
								20170907211908499.jpg
								20170907211914854.jpg
								20170907211921209.jpg
								20170907211927564.jpg
								20170907211933920.jpg
38	9/7/2017	21:22:05	2997	288	125	20170907_212208_A.igm	None	24mm2017_09_07 21_21_29.jpg
								24mm2017_09_07_21_21_35.jpg
								20170907212217333.jpg
								20170907212223688.jpg
39	9/7/2017	21:26:14	2900	53	115	20170907_212619_A.igm	None	24mm2017_09_07 21_25_38.jpg
								20170907212626086.jpg
40	9/7/2017	21:28:21	2948	245	125	20170907_212825_A.igm	None	24mm2017_09_07 21_27_45.jpg
								20170907212833186.jpg
41	9/7/2017	21:29:50	2945	257	126	20170907_212954_A.igm	None	24mm2017_09_07 21_29_14.jpg
								24mm2017_09_07_21_29_20.jpg
								24mm2017_09_07_21_29_26.jpg
								20170907213002151.jpg
								20170907213008505.jpg
								20170907213014860.jpg
42	9/7/2017	21:33:02	2985	87	120	20170907_213305_A.igm	None	24mm2017_09_07 21_32_26.jpg
								24mm2017_09_07_21_32_33.jpg
								20170907213314615.jpg
								20170907213320970.jpg
43	9/7/2017	21:36:30	2862	264	133	20170907_213634_A.igm	None	24mm2017_09_07 21_35_54.jpg
								24mm2017_09_07_21_36_00.jpg
								20170907213641606.jpg
								20170907213647962.jpg
44	9/7/2017	21:39:06	3050	113	107	20170907_213909_A.igm	None	24mm2017_09_07 21_38_30.jpg
								24mm2017_09_07_21_38_36.jpg
								24mm2017_09_07_21_38_43.jpg

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								24mm2017_09_07_21_38_49.jpg
								20170907213917757.jpg
								20170907213924111.jpg
								20170907213930467.jpg
								20170907213936821.jpg
45	9/7/2017	21:42:07	3016	274	136	20170907_214210_A.igm	None	24mm2017_09_07 21_41_31.jpg
								24mm2017_09_07_21_41_38.jpg
								20170907214219327.jpg
								20170907214225684.jpg
46	9/7/2017	21:44:45	2948	308	119	20170907_214449_A.igm	None	24mm2017_09_07 21_44_09.jpg
								24mm2017_09_07_21_44_15.jpg
								20170907214457294.jpg
								20170907214503649.jpg
47	9/7/2017	21:46:53	2997	310	121	20170907_214656_A.igm	None	24mm2017_09_07 21_46_17.jpg
								24mm2017_09_07_21_46_23.jpg
								20170907214705302.jpg
								20170907214711657.jpg
48	9/7/2017	21:48:54	2932	138	124	20170907_214857_A.igm	None	24mm2017_09_07 21_48_18.jpg
								24mm2017_09_07_21_48_25.jpg
								20170907214906046.jpg
								20170907214912403.jpg
49	9/7/2017	21:52:11	2875	194	132	20170907_215216_A.igm	None	24mm2017_09_07 21_51_36.jpg
								20170907215223948.jpg

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Flight 22 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/8/2017	14:29:28	2880	4	123	20170908_142932_A.igm	None	24mm2017_09_08 14_29_20.jpg
						20170908_143011_A.igm		24mm2017_09_08_14_29_26.jpg
								24mm2017_09_08_14_29_33.jpg
								24mm2017_09_08_14_29_39.jpg
								24mm2017_09_08_14_29_45.jpg
								24mm2017_09_08_14_29_52.jpg
								24mm2017_09_08_14_29_58.jpg
								24mm2017_09_08_14_30_04.jpg
								24mm2017_09_08_14_30_10.jpg
								24mm2017_09_08_14_30_17.jpg
								24mm2017_09_08_14_30_23.jpg
								24mm2017_09_08_14_30_29.jpg
								20170908142940594.jpg
								20170908142946948.jpg
								20170908142953304.jpg
								20170908142959660.jpg
								20170908143006015.jpg
								20170908143012369.jpg
								20170908143018724.jpg
								20170908143025084.jpg
								20170908143031434.jpg
								20170908143037789.jpg
								20170908143044144.jpg
								20170908143050499.jpg
2	9/8/2017	14:36:05	3026	169	120	20170908_143609_A.igm	None	24mm2017_09_08 14_35_57.jpg
						20170908_143648_A.igm		24mm2017_09_08_14_36_03.jpg
								24mm2017_09_08_14_36_09.jpg
								24mm2017_09_08_14_36_16.jpg
								24mm2017_09_08_14_36_22.jpg
								24mm2017_09_08_14_36_28.jpg
								24mm2017_09_08_14_36_35.jpg
								24mm2017_09_08_14_36_41.jpg
								24mm2017_09_08_14_36_47.jpg
								24mm2017_09_08_14_36_53.jpg
								24mm2017_09_08_14_37_00.jpg
								24mm2017_09_08_14_37_06.jpg
								20170908143617327.jpg
								20170908143623681.jpg
								20170908143630036.jpg
								20170908143636393.jpg
								20170908143642748.jpg

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								20170908143649102.jpg
								20170908143655456.jpg
								20170908143701812.jpg
								20170908143708169.jpg
								20170908143714522.jpg
								20170908143720876.jpg
								20170908143726323.jpg
3	9/8/2017	14:44:22	2941	7	122	20170908_144426_A.igm	None	24mm2017_09_08 14_44_14.jpg
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								24mm2017_09_08_14_44_26.jpg
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								24mm2017_09_08_14_44_39.jpg
								24mm2017_09_08_14_44_45.jpg
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								20170908144434831.jpg
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								20170908144447541.jpg
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								20170908144459344.jpg
								20170908144505698.jpg
								20170908144512053.jpg
								20170908144518408.jpg
4	9/8/2017	14:49:32	3024	172	121	20170908_144935_A.igm	None	24mm2017_09_08 14_49_24.jpg
						20170908_145016_A.igm		24mm2017_09_08_14_49_30.jpg
								24mm2017_09_08_14_49_36.jpg
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								24mm2017_09_08_14_49_49.jpg
								24mm2017_09_08_14_49_55.jpg
								24mm2017_09_08_14_50_01.jpg
								24mm2017_09_08_14_50_08.jpg
								24mm2017_09_08_14_50_14.jpg
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								20170908145028895.jpg
								20170908145034342.jpg
5	9/8/2017	14:55:15	2979	87	107	20170908_145518_A.igm	None	24mm2017_09_08 14_55_06.jpg
						20170908_145557_A.igm		24mm2017_09_08_14_55_13.jpg
						20170908_145637_A.igm		24mm2017_09_08_14_55_19.jpg

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								20170908145623865.jpg
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								20170908145642931.jpg
								20170908145649285.jpg
								20170908145655641.jpg
								20170908145701087.jpg
								20170908145707442.jpg
6	9/8/2017	15:02:56	3029	128	114	20170908_150300_A.igm	None	24mm2017_09_08 15_02_48.jpg
						20170908_150339_A.igm		24mm2017_09_08_15_02_55.jpg
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								24mm2017_09_08_15_03_20.jpg
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								24mm2017_09_08_15_03_32.jpg
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7	9/8/2017	15:09:23	3023	320	128	20170908_150927_A.igm	None	24mm2017_09_08 15_09_14.jpg
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								24mm2017_09_08_15_10_05.jpg
								24mm2017_09_08_15_10_11.jpg
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								20170908151012737.jpg
								20170908151019092.jpg
								20170908151025446.jpg
								20170908151031802.jpg
								20170908151038156.jpg
								20170908151044511.jpg
8	9/8/2017	15:14:58	3040	129	113	20170908_151502_A.igm	None	24mm2017_09_08 15_14_50.jpg
						20170908_151541_A.igm		24mm2017_09_08_15_14_56.jpg
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								24mm2017_09_08_15_15_15.jpg

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								20170908151554092.jpg
								20170908151600444.jpg
								20170908151606799.jpg
								20170908151613154.jpg
9	9/8/2017	15:21:31	3031	134	114	20170908_152134_A.igm	None	24mm2017_09_08 15_21_22.jpg
						20170908_152214_A.igm		24mm2017_09_08_15_21_29.jpg
						20170908_152253_A.igm		24mm2017_09_08_15_21_35.jpg
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								24mm2017_09_08_15_22_07.jpg
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								24mm2017_09_08_15_22_19.jpg
								24mm2017_09_08_15_22_25.jpg
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								20170908152246256.jpg
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								20170908152258965.jpg
10	9/8/2017	15:27:40	3063	328	118	20170908_152743_A.igm	None	24mm2017_09_08 15_27_31.jpg

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								24mm2017_09_08_15_28_09.jpg
								24mm2017_09_08_15_28_15.jpg
								24mm2017_09_08_15_28_22.jpg
								24mm2017_09_08_15_28_28.jpg
								24mm2017_09_08_15_28_34.jpg
								24mm2017_09_08_15_28_41.jpg
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								20170908152836687.jpg
								20170908152842133.jpg
								20170908152848489.jpg
								20170908152854845.jpg
								20170908152901200.jpg
								20170908152907555.jpg
								20170908152913911.jpg
11	9/8/2017	15:34:55	2955	135	119	20170908_153459_A.igm	None	24mm2017_09_08 15_34_46.jpg
						20170908_153538_A.igm		24mm2017_09_08_15_34_53.jpg
								24mm2017_09_08_15_34_59.jpg
								24mm2017_09_08_15_35_05.jpg
								24mm2017_09_08_15_35_12.jpg
								24mm2017_09_08_15_35_18.jpg
								24mm2017_09_08_15_35_24.jpg
								24mm2017_09_08_15_35_31.jpg
								24mm2017_09_08_15_35_37.jpg
								24mm2017_09_08_15_35_43.jpg
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								20170908153610614.jpg
								20170908153616970.jpg
12	9/8/2017	15:41:03	3052	325	127	20170908_154106_A.igm	None	24mm2017_09_08 15_40_54.jpg
						20170908_154147_A.igm		24mm2017_09_08_15_41_01.jpg
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								24mm2017_09_08_15_41_20.jpg
								24mm2017_09_08_15_41_26.jpg
								24mm2017_09_08_15_41_32.jpg
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								20170908154159235.jpg
								20170908154205593.jpg
								20170908154211947.jpg
13	9/8/2017	15:47:20	3007	123	114	20170908_154725_A.igm	None	24mm2017_09_08 15_47_12.jpg
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								24mm2017_09_08_15_47_31.jpg
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								20170908154751506.jpg
								20170908154757862.jpg
14	9/8/2017	15:51:27	3047	316	128	20170908_155130_A.igm	None	24mm2017_09_08 15_51_18.jpg
								24mm2017_09_08_15_51_24.jpg
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15	9/8/2017	15:55:55	3012	129	114	20170908_155559_A.igm	None	24mm2017_09_08 15_55_47.jpg
						20170908_155639_A.igm		24mm2017_09_08_15_55_53.jpg
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								20170908155638966.jpg
								20170908155645322.jpg
16	9/8/2017	16:00:48	3030	319	130	20170908_160051_A.igm	None	24mm2017_09_08 16_00_40.jpg
						20170908_160131_A.igm		24mm2017_09_08_16_00_46.jpg
								24mm2017_09_08_16_00_53.jpg
								24mm2017_09_08_16_00_59.jpg
								24mm2017_09_08_16_01_05.jpg
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								20170908160119495.jpg
								20170908160125849.jpg
								20170908160132204.jpg
								20170908160138558.jpg
17	9/8/2017	16:04:50	3027	181	127	20170908_160454_A.igm	None	24mm2017_09_08 16_04_41.jpg
						20170908_160533_A.igm		24mm2017_09_08_16_04_48.jpg
						20170908_160612_A.igm		24mm2017_09_08_16_04_54.jpg
						20170908_160651_A.igm		24mm2017_09_08_16_05_00.jpg
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								24mm2017_09_08_16_05_32.jpg
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18	9/8/2017	16:13:21	3061	10	114	20170908_161325_A.igm	None	24mm2017_09_08 16_13_13.jpg
						20170908_161405_A.igm		24mm2017_09_08_16_13_19.jpg
						20170908_161443_A.igm		24mm2017_09_08_16_13_25.jpg
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								20170908161539232.jpg
								20170908161545587.jpg
								20170908161551941.jpg
19	9/8/2017	16:23:40	2957	147	121	20170908_162345_A.igm	None	24mm2017_09_08 16_23_32.jpg
								20170908162353105.jpg
20	9/8/2017	16:26:13	3053	177	123	20170908_162616_A.igm	None	24mm2017_09_08 16_26_04.jpg
						20170908_162656_A.igm		24mm2017_09_08_16_26_11.jpg
						20170908_162735_A.igm		24mm2017_09_08_16_26_17.jpg
						20170908_162814_A.igm		24mm2017_09_08_16_26_23.jpg
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								20170908162819106.jpg
								20170908162824554.jpg
								20170908162830908.jpg
21	9/8/2017	16:36:11	3063	7	113	20170908_163615_A.igm	None	24mm2017_09_08 16_36_03.jpg
						20170908_163654_A.igm		24mm2017_09_08_16_36_09.jpg
						20170908_163733_A.igm		24mm2017_09_08_16_36_16.jpg
						20170908_163813_A.igm		24mm2017_09_08_16_36_22.jpg
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								24mm2017_09_08_16_36_34.jpg
								24mm2017_09_08_16_36_41.jpg
								24mm2017_09_08_16_36_47.jpg
								24mm2017_09_08_16_36_53.jpg
								24mm2017_09_08_16_37_00.jpg
								24mm2017_09_08_16_37_06.jpg
								24mm2017_09_08_16_37_12.jpg
								24mm2017_09_08_16_37_19.jpg
								24mm2017_09_08_16_37_25.jpg
								24mm2017_09_08_16_37_31.jpg

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								24mm2017_09_08_16_37_37.jpg
								24mm2017_09_08_16_37_44.jpg
								24mm2017_09_08_16_37_50.jpg
								24mm2017_09_08_16_37_56.jpg
								24mm2017_09_08_16_38_03.jpg
								24mm2017_09_08_16_38_09.jpg
								24mm2017_09_08_16_38_15.jpg
								20170908163623887.jpg
								20170908163630242.jpg
								20170908163636597.jpg
								20170908163642952.jpg
								20170908163649308.jpg
								20170908163655660.jpg
								20170908163702014.jpg
								20170908163707461.jpg
								20170908163713817.jpg
								20170908163720171.jpg
								20170908163726524.jpg
								20170908163732879.jpg
								20170908163739233.jpg
								20170908163745587.jpg
								20170908163751942.jpg
								20170908163758297.jpg
								20170908163804651.jpg
								20170908163811005.jpg
								20170908163817359.jpg
								20170908163823714.jpg
								20170908163830068.jpg
								20170908163836422.jpg
22	9/8/2017	16:46:20	3013	175	126	20170908_164623_A.igm	None	24mm2017_09_08 16_46_11.jpg
						20170908_164703_A.igm		24mm2017_09_08_16_46_18.jpg
						20170908_164742_A.igm		24mm2017_09_08_16_46_24.jpg
								24mm2017_09_08_16_46_30.jpg
								24mm2017_09_08_16_46_37.jpg
								24mm2017_09_08_16_46_43.jpg
								24mm2017_09_08_16_46_49.jpg
								24mm2017_09_08_16_46_56.jpg
								24mm2017_09_08_16_47_02.jpg
								24mm2017_09_08_16_47_08.jpg
								24mm2017_09_08_16_47_14.jpg
								24mm2017_09_08_16_47_21.jpg
								24mm2017_09_08_16_47_27.jpg
								24mm2017_09_08_16_47_33.jpg
								24mm2017_09_08_16_47_40.jpg

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								24mm2017_09_08_16_47_46.jpg
								24mm2017_09_08_16_47_52.jpg
								20170908164632113.jpg
								20170908164638467.jpg
								20170908164644822.jpg
								20170908164651178.jpg
								20170908164657533.jpg
								20170908164703885.jpg
								20170908164710242.jpg
								20170908164716595.jpg
								20170908164722950.jpg
								20170908164729305.jpg
								20170908164734751.jpg
								20170908164741107.jpg
								20170908164747462.jpg
								20170908164753816.jpg
								20170908164800170.jpg
								20170908164806525.jpg
								20170908164812882.jpg
23	9/8/2017	16:59:20	2981	133	122	20170908_165924_A.igm	None	24mm2017_09_08 16_59_11.jpg
								24mm2017_09_08_16_59_18.jpg
								24mm2017_09_08_16_59_24.jpg
								24mm2017_09_08_16_59_30.jpg
								24mm2017_09_08_16_59_37.jpg
								24mm2017_09_08_16_59_43.jpg
								20170908165931956.jpg
								20170908165938311.jpg
								20170908165944665.jpg
								20170908165951020.jpg
								20170908165957375.jpg
								20170908170003731.jpg
24	9/8/2017	17:03:28	2979	325	123	20170908_170332_A.igm	None	24mm2017_09_08 17_03_20.jpg
								24mm2017_09_08_17_03_26.jpg
								24mm2017_09_08_17_03_32.jpg
								24mm2017_09_08_17_03_39.jpg
								24mm2017_09_08_17_03_45.jpg
								20170908170340708.jpg
								20170908170347063.jpg
								20170908170353418.jpg
								20170908170359772.jpg
								20170908170405220.jpg
25	9/8/2017	17:07:06	3094	59	112	20170908_170710_A.igm	None	24mm2017_09_08 17_06_57.jpg
						20170908_170748_A.igm		24mm2017_09_08_17_07_04.jpg
								24mm2017_09_08_17_07_10.jpg

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								24mm2017_09_08_17_07_16.jpg
								24mm2017_09_08_17_07_22.jpg
								24mm2017_09_08_17_07_29.jpg
								24mm2017_09_08_17_07_35.jpg
								24mm2017_09_08_17_07_41.jpg
								24mm2017_09_08_17_07_48.jpg
								24mm2017_09_08_17_07_54.jpg
								24mm2017_09_08_17_08_00.jpg
								24mm2017_09_08_17_08_07.jpg
								20170908170717686.jpg
								20170908170724040.jpg
								20170908170730394.jpg
								20170908170736750.jpg
								20170908170743105.jpg
								20170908170749460.jpg
								20170908170755815.jpg
								20170908170802173.jpg
								20170908170808524.jpg
								20170908170814880.jpg
								20170908170821235.jpg
								20170908170827589.jpg
26	9/8/2017	17:13:50	3046	242	138	20170908_171354_A.igm	None	24mm2017_09_08 17_13_41.jpg
						20170908_171433_A.igm		24mm2017_09_08_17_13_48.jpg
								24mm2017_09_08_17_13_54.jpg
								24mm2017_09_08_17_14_00.jpg
								24mm2017_09_08_17_14_07.jpg
								24mm2017_09_08_17_14_13.jpg
								24mm2017_09_08_17_14_19.jpg
								24mm2017_09_08_17_14_26.jpg
								24mm2017_09_08_17_14_32.jpg
								24mm2017_09_08_17_14_38.jpg
								24mm2017_09_08_17_14_45.jpg
								20170908171402589.jpg
								20170908171408944.jpg
								20170908171415298.jpg
								20170908171421654.jpg
								20170908171427100.jpg
								20170908171433455.jpg
								20170908171439809.jpg
								20170908171446165.jpg
								20170908171452520.jpg
								20170908171458875.jpg
								20170908171505230.jpg
27	9/8/2017	17:20:21	3029	57	109	20170908_172025_A.igm	None	24mm2017_09_08 17_20_12.jpg

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20170908_172103_A.igm
20170908_172143_A.igm

24mm2017_09_08_17_20_19.jpg
24mm2017_09_08_17_20_25.jpg
24mm2017_09_08_17_20_31.jpg
24mm2017_09_08_17_20_37.jpg
24mm2017_09_08_17_20_44.jpg
24mm2017_09_08_17_20_50.jpg
24mm2017_09_08_17_20_56.jpg
24mm2017_09_08_17_21_03.jpg
24mm2017_09_08_17_21_09.jpg
24mm2017_09_08_17_21_15.jpg
24mm2017_09_08_17_21_22.jpg
24mm2017_09_08_17_21_28.jpg
24mm2017_09_08_17_21_34.jpg
20170908172032967.jpg
20170908172039321.jpg
20170908172045675.jpg
20170908172052031.jpg
20170908172058386.jpg
20170908172104741.jpg
20170908172111095.jpg
20170908172117451.jpg
20170908172123806.jpg
20170908172130160.jpg
20170908172136515.jpg
20170908172141962.jpg
20170908172148318.jpg
20170908172154672.jpg

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Flight 23 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos	Notes
1	9/8/2017	19:59:04	3020	317	127	20170908_195907_A.igm	None	24mm2017_09_08 19_58_25.jpg	
								24mm2017_09_08_19_58_31.jpg	
								24mm2017_09_08_19_58_37.jpg	
								24mm2017_09_08_19_58_44.jpg	
								24mm2017_09_08_19_58_50.jpg	
								20170908195916410.jpg	
								20170908195922765.jpg	
								20170908195929119.jpg	
								20170908195934567.jpg	
								20170908195940921.jpg	
2	9/8/2017	20:01:55	2983	148	115	20170908_200158_A.igm	None	24mm2017_09_08 20_01_16.jpg	
						20170908_200238_A.igm		24mm2017_09_08_20_01_22.jpg	
								24mm2017_09_08_20_01_28.jpg	
								24mm2017_09_08_20_01_35.jpg	
								24mm2017_09_08_20_01_41.jpg	
								24mm2017_09_08_20_01_47.jpg	
								24mm2017_09_08_20_01_54.jpg	
								24mm2017_09_08_20_02_00.jpg	
								20170908200207086.jpg	
								20170908200213442.jpg	
								20170908200219797.jpg	
								20170908200226152.jpg	
								20170908200232507.jpg	
								20170908200238862.jpg	
								20170908200245215.jpg	
								20170908200251571.jpg	
3	9/8/2017	20:05:56	3009	332	122	20170908_200600_A.igm	None	24mm2017_09_08 20_05_17.jpg	
								24mm2017_09_08_20_05_24.jpg	
								24mm2017_09_08_20_05_30.jpg	
								24mm2017_09_08_20_05_36.jpg	
								24mm2017_09_08_20_05_42.jpg	
								20170908200608576.jpg	
								20170908200614932.jpg	
								20170908200621286.jpg	
								20170908200627647.jpg	
								20170908200633995.jpg	
4	9/8/2017	20:09:50	2944	129	118	20170908_200954_A.igm	None	24mm2017_09_08 20_09_11.jpg	
								24mm2017_09_08_20_09_18.jpg	
								24mm2017_09_08_20_09_24.jpg	
								24mm2017_09_08_20_09_30.jpg	
								24mm2017_09_08_20_09_37.jpg	

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								24mm2017_09_08_20_09_43.jpg
								20170908201002803.jpg
								20170908201009161.jpg
								20170908201015513.jpg
								20170908201021868.jpg
								20170908201028222.jpg
								20170908201034577.jpg
5	9/8/2017	20:14:33	3014	196	125	20170908_201436_A.igm	None	24mm2017_09_08 20_13_54.jpg
								24mm2017_09_08_20_14_00.jpg
								24mm2017_09_08_20_14_06.jpg
								24mm2017_09_08_20_14_13.jpg
								24mm2017_09_08_20_14_19.jpg
								20170908201445139.jpg
								20170908201451495.jpg
								20170908201457848.jpg
								20170908201504203.jpg
								20170908201509649.jpg
6	9/8/2017	20:18:34	2991	326	122	20170908_201838_A.igm	None	24mm2017_09_08 20_17_55.jpg
								24mm2017_09_08_20_18_02.jpg
								24mm2017_09_08_20_18_08.jpg
								24mm2017_09_08_20_18_14.jpg
								24mm2017_09_08_20_18_21.jpg
								20170908201846610.jpg
								20170908201852966.jpg
								20170908201859320.jpg
								20170908201905674.jpg
								20170908201912029.jpg
7	9/8/2017	20:22:01	3017	127	116	20170908_202205_A.igm	None	24mm2017_09_08 20_21_23.jpg
								24mm2017_09_08_20_21_29.jpg
								24mm2017_09_08_20_21_35.jpg
								24mm2017_09_08_20_21_42.jpg
								20170908202213598.jpg
								20170908202219953.jpg
								20170908202226307.jpg
								20170908202232662.jpg
8	9/8/2017	20:26:30	3068	113	125	20170908_202633_A.igm	None	24mm2017_09_08 20_25_51.jpg
						20170908_202713_A.igm		24mm2017_09_08_20_25_57.jpg
								24mm2017_09_08_20_26_04.jpg
								24mm2017_09_08_20_26_10.jpg
								24mm2017_09_08_20_26_16.jpg
								24mm2017_09_08_20_26_22.jpg
								24mm2017_09_08_20_26_29.jpg
								24mm2017_09_08_20_26_35.jpg
								20170908202642324.jpg

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								20170908202648678.jpg
								20170908202655033.jpg
								20170908202701388.jpg
								20170908202707743.jpg
								20170908202714097.jpg
								20170908202720453.jpg
								20170908202725899.jpg
9	9/8/2017	20:32:29	3114	80	116	20170908_203233_A.igm	None	24mm2017_09_08 20_31_50.jpg
						20170908_203312_A.igm		24mm2017_09_08_20_31_57.jpg
								24mm2017_09_08_20_32_03.jpg
								24mm2017_09_08_20_32_09.jpg
								24mm2017_09_08_20_32_15.jpg
								24mm2017_09_08_20_32_22.jpg
								24mm2017_09_08_20_32_28.jpg
								24mm2017_09_08_20_32_34.jpg
								24mm2017_09_08_20_32_41.jpg
								20170908203241834.jpg
								20170908203248188.jpg
								20170908203254543.jpg
								20170908203300898.jpg
								20170908203306344.jpg
								20170908203312700.jpg
								20170908203319055.jpg
								20170908203325410.jpg
								20170908203331765.jpg
10	9/8/2017	20:36:24	2981	261	126	20170908_203627_A.igm	None	24mm2017_09_08 20_35_45.jpg
						20170908_203707_A.igm		24mm2017_09_08_20_35_52.jpg
								24mm2017_09_08_20_35_58.jpg
								24mm2017_09_08_20_36_04.jpg
								24mm2017_09_08_20_36_11.jpg
								24mm2017_09_08_20_36_17.jpg
								24mm2017_09_08_20_36_23.jpg
								20170908203636967.jpg
								20170908203643323.jpg
								20170908203648770.jpg
								20170908203655125.jpg
								20170908203701480.jpg
								20170908203707835.jpg
								20170908203714191.jpg
11	9/8/2017	20:48:32	2992	234	128	20170908_204836_A.igm	None	24mm2017_09_08 20_47_53.jpg
								24mm2017_09_08_20_48_00.jpg
								24mm2017_09_08_20_48_06.jpg
								24mm2017_09_08_20_48_12.jpg
								24mm2017_09_08_20_48_19.jpg

DRAFT

								24mm2017_09_08_20_48_25.jpg
								20170908204845068.jpg
								20170908204851423.jpg
								20170908204856869.jpg
								20170908204903223.jpg
								20170908204909579.jpg
								20170908204915935.jpg
12	9/8/2017	21:01:46	3043	325	115	20170908_210150_A.igm	None	24mm2017_09_08 21_01_07.jpg
								24mm2017_09_08_21_01_13.jpg
								24mm2017_09_08_21_01_20.jpg
								20170908210158533.jpg
								20170908210204887.jpg
								20170908210211242.jpg

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Flight 24 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/9/2017	13:51:00	3387	163	161	20170909_135104_A.igm	None	24mm2017_09_09 13_50_15.jpg
								24mm2017_09_09_13_50_22.jpg
								24mm2017_09_09_13_50_28.jpg
								20170909135113167.jpg
								20170909135119520.jpg
								20170909135125875.jpg
2	9/9/2017	13:54:13	3400	139	156	None	None	24mm2017_09_09 13_53_28.jpg
								24mm2017_09_09_13_53_34.jpg
								20170909135425631.jpg
								20170909135431985.jpg
3	9/9/2017	14:12:02	2970	84	111	20170909_141205_A.igm	2017_09_09_14_12_07_R_02	24mm2017_09_09 14_11_17.jpg
								24mm2017_09_09_14_11_23.jpg
								24mm2017_09_09_14_11_29.jpg
								24mm2017_09_09_14_11_35.jpg
								20170909141214178.jpg
								20170909141220531.jpg
								20170909141226885.jpg
								20170909141233241.jpg
4	9/9/2017	14:16:11	2951	39	112	20170909_141615_A.igm	None	24mm2017_09_09 14_15_26.jpg
								24mm2017_09_09_14_15_32.jpg
								24mm2017_09_09_14_15_38.jpg
								20170909141622928.jpg
								20170909141629282.jpg
								20170909141635638.jpg
5	9/9/2017	14:19:18	2984	238	131	20170909_141922_A.igm	None	24mm2017_09_09 14_18_32.jpg
								24mm2017_09_09_14_18_39.jpg
								24mm2017_09_09_14_18_45.jpg
								20170909141929939.jpg
								20170909141936292.jpg
								20170909141942650.jpg
6	9/9/2017	14:23:28	2972	41	109	20170909_142332_A.igm	None	24mm2017_09_09 14_22_43.jpg
								24mm2017_09_09_14_22_49.jpg
								24mm2017_09_09_14_22_56.jpg
								20170909142340501.jpg
								20170909142346856.jpg
								20170909142353210.jpg
7	9/9/2017	14:26:49	2970	24	109	20170909_142652_A.igm	None	24mm2017_09_09 14_26_04.jpg
								24mm2017_09_09_14_26_10.jpg
								24mm2017_09_09_14_26_16.jpg
								20170909142701136.jpg
								20170909142707491.jpg

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								20170909142713846.jpg
8	9/9/2017	14:29:39	2970	317	123	20170909_142943_A.igm	None	24mm2017_09_09 14_28_54.jpg
								24mm2017_09_09_14_29_00.jpg
								20170909142951816.jpg
								20170909142958168.jpg
9	9/9/2017	14:32:35	3017	100	111	20170909_143239_A.igm	None	24mm2017_09_09 14_31_50.jpg
								20170909143247936.jpg
10	9/9/2017	14:35:31	2972	312	125	20170909_143535_A.igm	None	24mm2017_09_09 14_34_46.jpg
								24mm2017_09_09_14_34_53.jpg
								20170909143544061.jpg
								20170909143550416.jpg
11	9/9/2017	14:37:34	3016	138	118	20170909_143738_A.igm	None	24mm2017_09_09 14_36_49.jpg
								24mm2017_09_09_14_36_55.jpg
								24mm2017_09_09_14_37_02.jpg
								20170909143746621.jpg
								20170909143752976.jpg
								20170909143759331.jpg
12	9/9/2017	14:40:51	3010	2	111	20170909_144055_A.igm	None	24mm2017_09_09 14_40_05.jpg
								24mm2017_09_09_14_40_11.jpg
								20170909144102717.jpg
								20170909144109072.jpg
13	9/9/2017	14:43:34	3012	188	129	20170909_144338_A.igm	None	24mm2017_09_09 14_42_49.jpg
								24mm2017_09_09_14_42_55.jpg
								20170909144346132.jpg
								20170909144352487.jpg
14	9/9/2017	14:47:17	3047	345	116	20170909_144720_A.igm	None	24mm2017_09_09 14_46_31.jpg
								24mm2017_09_09_14_46_38.jpg
								20170909144728556.jpg
								20170909144734911.jpg
15	9/9/2017	14:49:25	2996	183	130	20170909_144929_A.igm	None	24mm2017_09_09 14_48_40.jpg
								24mm2017_09_09_14_48_47.jpg
								20170909144937472.jpg
								20170909144943826.jpg
16	9/9/2017	14:52:37	2973	82	114	20170909_145241_A.igm	None	24mm2017_09_09 14_51_52.jpg
								24mm2017_09_09_14_51_59.jpg
								20170909145249938.jpg
								20170909145256294.jpg
17	9/9/2017	14:57:19	2989	60	107	20170909_145722_A.igm	None	24mm2017_09_09 14_56_33.jpg
								24mm2017_09_09_14_56_40.jpg
								20170909145731371.jpg
								20170909145737726.jpg
18	9/9/2017	15:00:52	3094	40	111	20170909_150055_A.igm	2017_09_09_15_00_57_R_17	24mm2017_09_09 15_00_06.jpg
						20170909_150134_A.igm		24mm2017_09_09_15_00_13.jpg
						20170909_150146_A.igm		24mm2017_09_09_15_00_19.jpg

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								24mm2017_09_09_15_00_25.jpg
								24mm2017_09_09_15_00_31.jpg
								24mm2017_09_09_15_00_38.jpg
								24mm2017_09_09_15_00_44.jpg
								24mm2017_09_09_15_00_57.jpg
								24mm2017_09_09_15_01_04.jpg
								24mm2017_09_09_15_01_10.jpg
								20170909150103810.jpg
								20170909150110167.jpg
								20170909150116522.jpg
								20170909150122874.jpg
								20170909150129229.jpg
								20170909150135584.jpg
								20170909150141939.jpg
								20170909150154649.jpg
								20170909150201004.jpg
								20170909150207360.jpg
19	9/9/2017	15:07:30	3018	264	132	20170909_150733_A.igm	None	24mm2017_09_09 15_06_45.jpg
								24mm2017_09_09_15_06_51.jpg
								24mm2017_09_09_15_06_57.jpg
								20170909150742357.jpg
								20170909150748713.jpg
								20170909150755068.jpg
20	9/9/2017	15:11:08	3047	45	111	20170909_151112_A.igm	2017_09_09_15_11_14_R_20	24mm2017_09_09 15_10_23.jpg
						20170909_151151_A.igm		24mm2017_09_09_15_10_29.jpg
								24mm2017_09_09_15_10_36.jpg
								24mm2017_09_09_15_10_42.jpg
								24mm2017_09_09_15_10_48.jpg
								24mm2017_09_09_15_10_54.jpg
								24mm2017_09_09_15_11_01.jpg
								24mm2017_09_09_15_11_07.jpg
								24mm2017_09_09_15_11_13.jpg
								24mm2017_09_09_15_11_20.jpg
								24mm2017_09_09_15_11_26.jpg
								20170909151120243.jpg
								20170909151126597.jpg
								20170909151132952.jpg
								20170909151139308.jpg
								20170909151145663.jpg
								20170909151152018.jpg
								20170909151158373.jpg
								20170909151204732.jpg
								20170909151211083.jpg
								20170909151217438.jpg

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								20170909151223792.jpg
21	9/9/2017	15:20:18	2973	227	139	20170909_152022_A.igm	None	24mm2017_09_09 15_19_33.jpg
								24mm2017_09_09_15_19_40.jpg
								20170909152031311.jpg
								20170909152037666.jpg
22	9/9/2017	15:28:09	3040	131	122	20170909_152812_A.igm	2017_09_09_15_28_15_R_22	24mm2017_09_09 15_27_24.jpg
								24mm2017_09_09_15_27_30.jpg
								24mm2017_09_09_15_27_36.jpg
								24mm2017_09_09_15_27_43.jpg
								24mm2017_09_09_15_27_49.jpg
								24mm2017_09_09_15_27_55.jpg
								20170909152821580.jpg
								20170909152827934.jpg
								20170909152834289.jpg
								20170909152840644.jpg
								20170909152846091.jpg
								20170909152852447.jpg
23	9/9/2017	15:32:37	3099	305	123	20170909_153242_A.igm	2017_09_09_15_32_43_R_23	24mm2017_09_09 15_31_52.jpg
								24mm2017_09_09_15_31_58.jpg
								24mm2017_09_09_15_32_05.jpg
								24mm2017_09_09_15_32_11.jpg
								20170909153249396.jpg
								20170909153255751.jpg
								20170909153302108.jpg
								20170909153308463.jpg
24	9/9/2017	15:36:55	3031	38	112	20170909_153659_A.igm	2017_09_09_15_37_00_R_24	24mm2017_09_09 15_36_09.jpg
								24mm2017_09_09_15_36_16.jpg
								24mm2017_09_09_15_36_22.jpg
								24mm2017_09_09_15_36_28.jpg
								20170909153707227.jpg
								20170909153713582.jpg
								20170909153719937.jpg
								20170909153726292.jpg
25	9/9/2017	15:41:07	3020	40	115	20170909_154109_A.igm	None	24mm2017_09_09 15_40_21.jpg
								24mm2017_09_09_15_40_27.jpg
								24mm2017_09_09_15_40_34.jpg
								20170909154118704.jpg
								20170909154125059.jpg
								20170909154131414.jpg
26	9/9/2017	15:45:08	3034	57	113	20170909_154512_A.igm	2017_09_09_15_45_14_R_26	24mm2017_09_09 15_44_23.jpg
								24mm2017_09_09_15_44_29.jpg
								24mm2017_09_09_15_44_35.jpg
								24mm2017_09_09_15_44_42.jpg
								24mm2017_09_09_15_44_48.jpg

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								20170909154520193.jpg
								20170909154526547.jpg
								20170909154532903.jpg
								20170909154539258.jpg
								20170909154545612.jpg
27	9/9/2017	15:48:52	3115	319	121	20170909_154856_A.igm	2017_09_09_15_48_58_R_27	24mm2017_09_09 15_48_07.jpg
								24mm2017_09_09_15_48_13.jpg
								24mm2017_09_09_15_48_19.jpg
								24mm2017_09_09_15_48_26.jpg
								24mm2017_09_09_15_48_32.jpg
								24mm2017_09_09_15_48_38.jpg
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								20170909154910787.jpg
								20170909154917142.jpg
								20170909154923498.jpg
								20170909154929852.jpg
								20170909154936207.jpg
28	9/9/2017	15:53:23	3010	147	124	20170909_155327_A.igm	2017_09_09_15_53_30_R_28	24mm2017_09_09 15_52_38.jpg
								24mm2017_09_09_15_52_44.jpg
								24mm2017_09_09_15_52_51.jpg
								24mm2017_09_09_15_52_57.jpg
								24mm2017_09_09_15_53_03.jpg
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								20170909155342237.jpg
								20170909155348591.jpg
								20170909155354946.jpg
								20170909155401301.jpg
29	9/9/2017	15:58:39	2991	326	123	20170909_155843_A.igm	2017_09_09_15_58_46_R_29	24mm2017_09_09 15_57_54.jpg
						20170909_155925_A.igm		24mm2017_09_09_15_58_01.jpg
								24mm2017_09_09_15_58_07.jpg
								24mm2017_09_09_15_58_13.jpg
								24mm2017_09_09_15_58_20.jpg
								24mm2017_09_09_15_58_26.jpg
								24mm2017_09_09_15_58_37.jpg
								24mm2017_09_09_15_58_43.jpg
								24mm2017_09_09_15_58_49.jpg
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								20170909155858170.jpg
								20170909155904524.jpg
								20170909155910880.jpg
								20170909155917235.jpg
								20170909155923590.jpg
								20170909155934484.jpg
								20170909155940839.jpg

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								20170909155947194.jpg
30	9/9/2017	16:06:21	2936	97	120	20170909_160625_A.igm	2017_09_09_16_06_27_R_31	24mm2017_09_09 16_05_36.jpg
								24mm2017_09_09_16_05_42.jpg
								24mm2017_09_09_16_05_49.jpg
								24mm2017_09_09_16_05_55.jpg
								24mm2017_09_09_16_06_01.jpg
								24mm2017_09_09_16_06_07.jpg
								20170909160633912.jpg
								20170909160640268.jpg
								20170909160646622.jpg
								20170909160652979.jpg
								20170909160658425.jpg
								20170909160704780.jpg
31	9/9/2017	16:11:39	3016	31	115	20170909_161143_A.igm	None	24mm2017_09_09 16_10_54.jpg
								24mm2017_09_09_16_11_00.jpg
								24mm2017_09_09_16_11_06.jpg
								20170909161151661.jpg
								20170909161158017.jpg
								20170909161204373.jpg
32	9/9/2017	16:16:21	2965	332	124	20170909_161626_A.igm	None	24mm2017_09_09 16_15_36.jpg
								24mm2017_09_09_16_15_42.jpg
								20170909161634005.jpg
								20170909161640360.jpg
33	9/9/2017	16:19:23	3015	335	119	20170909_161926_A.igm	2017_09_09_16_19_29_R_34	24mm2017_09_09 16_18_38.jpg
						20170909_162006_A.igm		24mm2017_09_09_16_18_44.jpg
								24mm2017_09_09_16_18_50.jpg
								24mm2017_09_09_16_18_57.jpg
								24mm2017_09_09_16_19_03.jpg
								24mm2017_09_09_16_19_09.jpg
								24mm2017_09_09_16_19_15.jpg
								20170909161935575.jpg
								20170909161941930.jpg
								20170909161948286.jpg
								20170909161953732.jpg
								20170909162000088.jpg
								20170909162006442.jpg
								20170909162012797.jpg
34	9/9/2017	16:24:50	3003	122	123	20170909_162454_A.igm	None	24mm2017_09_09 16_24_05.jpg
								24mm2017_09_09_16_24_11.jpg
								24mm2017_09_09_16_24_18.jpg
								24mm2017_09_09_16_24_24.jpg
								20170909162502403.jpg
								20170909162508757.jpg
								20170909162515113.jpg

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								20170909162521469.jpg
35	9/9/2017	16:29:38	2992	208	138	20170909_162942_A.igm	2017_09_09_16_29_45_R_36	24mm2017_09_09 16_28_53.jpg
								24mm2017_09_09_16_28_59.jpg
								24mm2017_09_09_16_29_06.jpg
								24mm2017_09_09_16_29_12.jpg
								24mm2017_09_09_16_29_18.jpg
								20170909162951100.jpg
								20170909162957454.jpg
								20170909163002902.jpg
								20170909163009256.jpg
								20170909163015610.jpg
36	9/9/2017	16:34:18	3043	346	119	20170909_163422_A.igm	2017_09_09_16_34_24_R_37	24mm2017_09_09 16_33_33.jpg
								24mm2017_09_09_16_33_39.jpg
								24mm2017_09_09_16_33_45.jpg
								24mm2017_09_09_16_33_52.jpg
								20170909163430707.jpg
								20170909163437062.jpg
								20170909163443419.jpg
								20170909163448865.jpg
37	9/9/2017	16:38:16	3033	193	135	20170909_163820_A.igm	None	24mm2017_09_09 16_37_31.jpg
								24mm2017_09_09_16_37_38.jpg
								20170909163828566.jpg
								20170909163834919.jpg
38	9/9/2017	16:41:18	3018	84	117	20170909_164122_A.igm	2017_09_09_16_41_25_R_39	24mm2017_09_09 16_40_33.jpg
								24mm2017_09_09_16_40_39.jpg
								24mm2017_09_09_16_40_45.jpg
								24mm2017_09_09_16_40_51.jpg
								20170909164130131.jpg
								20170909164136485.jpg
								20170909164142841.jpg
								20170909164149195.jpg
39	9/9/2017	16:45:36	3091	326	123	20170909_164540_A.igm	2017_09_09_16_45_43_R_40	24mm2017_09_09 16_44_51.jpg
						20170909_164619_A.igm		24mm2017_09_09_16_44_57.jpg
								24mm2017_09_09_16_45_03.jpg
								24mm2017_09_09_16_45_10.jpg
								24mm2017_09_09_16_45_16.jpg
								24mm2017_09_09_16_45_22.jpg
								24mm2017_09_09_16_45_28.jpg
								20170909164547954.jpg
								20170909164554309.jpg
								20170909164600663.jpg
								20170909164607020.jpg
								20170909164613374.jpg
								20170909164619729.jpg

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								20170909164626085.jpg
40	9/9/2017	16:50:32	3018	122	123	20170909_165035_A.igm	2017_09_09_16_50_39_R_41	24mm2017_09_09 16_49_47.jpg
								24mm2017_09_09_16_49_53.jpg
								24mm2017_09_09_16_49_59.jpg
								24mm2017_09_09_16_50_06.jpg
								24mm2017_09_09_16_50_12.jpg
								24mm2017_09_09_16_50_18.jpg
								24mm2017_09_09_16_50_25.jpg
								20170909165044819.jpg
								20170909165050266.jpg
								20170909165056621.jpg
								20170909165102975.jpg
								20170909165109330.jpg
								20170909165115686.jpg
								20170909165122041.jpg
41	9/9/2017	16:55:43	2937	18	115	20170909_165548_A.igm	2017_09_09_16_55_50_R_42	24mm2017_09_09 16_54_58.jpg
								24mm2017_09_09_16_55_04.jpg
								24mm2017_09_09_16_55_11.jpg
								24mm2017_09_09_16_55_17.jpg
								24mm2017_09_09_16_55_23.jpg
								24mm2017_09_09_16_55_30.jpg
								20170909165556212.jpg
								20170909165602566.jpg
								20170909165608013.jpg
								20170909165614368.jpg
								20170909165620723.jpg
								20170909165627079.jpg
42	9/9/2017	16:59:52	2980	244	137	20170909_165957_A.igm	2017_09_09_16_59_59_R_43	24mm2017_09_09 16_59_07.jpg
								24mm2017_09_09_16_59_14.jpg
								24mm2017_09_09_16_59_20.jpg
								24mm2017_09_09_16_59_26.jpg
								20170909170004964.jpg
								20170909170011321.jpg
								20170909170017674.jpg
								20170909170024028.jpg

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Flight 25 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/9/2017	19:07:44	2977	270	127	20170909_190748_A.igm	2017_09_09_19_07_49_R_02	24mm2017_09_09 19_07_22.jpg
								24mm2017_09_09_19_07_28.jpg
								24mm2017_09_09_19_07_34.jpg
								24mm2017_09_09_19_07_41.jpg
								24mm2017_09_09_19_07_47.jpg
								20170909190755834.jpg
								20170909190802187.jpg
								20170909190808542.jpg
								20170909190814897.jpg
								20170909190821253.jpg
2	9/9/2017	19:12:25	3036	90	108	20170909_191229_A.igm	2017_09_09_19_12_30_R_03	24mm2017_09_09 19_12_03.jpg
								24mm2017_09_09_19_12_09.jpg
								24mm2017_09_09_19_12_15.jpg
								24mm2017_09_09_19_12_22.jpg
								20170909191237268.jpg
								20170909191243623.jpg
								20170909191249978.jpg
								20170909191256333.jpg
3	9/9/2017	19:16:48	2989	298	122	20170909_191652_A.igm	None	24mm2017_09_09 19_16_27.jpg
								24mm2017_09_09_19_16_33.jpg
								24mm2017_09_09_19_16_39.jpg
								20170909191700546.jpg
								20170909191706900.jpg
								20170909191713256.jpg
4	9/9/2017	19:20:17	3015	170	129	20170909_192021_A.igm	None	24mm2017_09_09 19_19_55.jpg
								24mm2017_09_09_19_20_02.jpg
								24mm2017_09_09_19_20_08.jpg
								20170909192029353.jpg
								20170909192035708.jpg
								20170909192042063.jpg
5	9/9/2017	19:24:01	2946	214	136	20170909_192405_A.igm	2017_09_09_19_24_06_R_06	24mm2017_09_09 19_23_39.jpg
								24mm2017_09_09_19_23_46.jpg
								24mm2017_09_09_19_23_52.jpg
								24mm2017_09_09_19_23_58.jpg
								24mm2017_09_09_19_24_05.jpg
								20170909192413593.jpg
								20170909192419947.jpg
								20170909192426304.jpg
								20170909192432658.jpg
								20170909192439013.jpg
6	9/9/2017	19:28:14	3043	22	107	20170909_192818_A.igm	None	24mm2017_09_09 19_27_52.jpg

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								24mm2017_09_09_19_27_59.jpg
								24mm2017_09_09_19_28_05.jpg
								24mm2017_09_09_19_28_11.jpg
								20170909192826884.jpg
								20170909192833239.jpg
								20170909192839595.jpg
								20170909192845949.jpg
7	9/9/2017	19:32:02	3022	272	129	20170909_193206_A.igm	None	24mm2017_09_09 19_31_40.jpg
								24mm2017_09_09_19_31_47.jpg
								20170909193214756.jpg
								20170909193221111.jpg
8	9/9/2017	19:35:27	2949	85	111	20170909_193530_A.igm	2017_09_09_19_35_31_R_09	24mm2017_09_09 19_35_04.jpg
						20170909_193534_A.igm		24mm2017_09_09_19_35_11.jpg
								24mm2017_09_09_19_35_17.jpg
								20170909193539023.jpg
								20170909193545377.jpg
								20170909193551733.jpg
9	9/9/2017	19:39:05	2920	294	126	20170909_193909_A.igm	None	24mm2017_09_09 19_38_43.jpg
								24mm2017_09_09_19_38_50.jpg
								20170909193917816.jpg
								20170909193924171.jpg
10	9/9/2017	19:42:46	2994	29	115	20170909_194250_A.igm	None	24mm2017_09_09 19_42_24.jpg
								24mm2017_09_09_19_42_31.jpg
								20170909194258425.jpg
								20170909194304781.jpg
11	9/9/2017	19:46:21	2964	22	112	20170909_194625_A.igm	None	24mm2017_09_09 19_46_00.jpg
								24mm2017_09_09_19_46_06.jpg
								20170909194634495.jpg
								20170909194639942.jpg
12	9/9/2017	19:49:15	3012	224	132	20170909_194920_A.igm	None	24mm2017_09_09 19_48_53.jpg
								24mm2017_09_09_19_49_00.jpg
								24mm2017_09_09_19_49_06.jpg
								20170909194927894.jpg
								20170909194934249.jpg
								20170909194940605.jpg
13	9/9/2017	19:52:09	2927	2	111	20170909_195213_A.igm	None	24mm2017_09_09 19_51_48.jpg
								24mm2017_09_09_19_51_54.jpg
								20170909195222203.jpg
								20170909195228558.jpg
14	9/9/2017	19:57:29	2976	20	111	20170909_195732_A.igm	None	24mm2017_09_09 19_57_07.jpg
								24mm2017_09_09_19_57_13.jpg
								24mm2017_09_09_19_57_19.jpg
								20170909195740858.jpg
								20170909195747213.jpg

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								20170909195753569.jpg
15	9/9/2017	20:00:22	3004	257	132	20170909_200026_A.igm	None	24mm2017_09_09 20_00_00.jpg
								24mm2017_09_09_20_00_06.jpg
								24mm2017_09_09_20_00_12.jpg
								20170909200034258.jpg
								20170909200040613.jpg
								20170909200046969.jpg
16	9/9/2017	20:03:52	2933	2	113	20170909_200356_A.igm	2017_09_09_20_03_57_R_18	24mm2017_09_09 20_03_30.jpg
								24mm2017_09_09_20_03_36.jpg
								24mm2017_09_09_20_03_43.jpg
								24mm2017_09_09_20_03_49.jpg
								20170909200403964.jpg
								20170909200410319.jpg
								20170909200416676.jpg
								20170909200423030.jpg
17	9/9/2017	20:07:38	3111	164	130	20170909_200742_A.igm	None	24mm2017_09_09 20_07_16.jpg
								24mm2017_09_09_20_07_23.jpg
								24mm2017_09_09_20_07_29.jpg
								24mm2017_09_09_20_07_35.jpg
								20170909200750920.jpg
								20170909200757275.jpg
								20170909200802722.jpg
								20170909200809077.jpg
18	9/9/2017	20:11:38	3013	5	113	20170909_201141_A.igm	2017_09_09_20_11_43_R_20	24mm2017_09_09 20_11_15.jpg
								24mm2017_09_09_20_11_22.jpg
								24mm2017_09_09_20_11_28.jpg
								24mm2017_09_09_20_11_34.jpg
								24mm2017_09_09_20_11_41.jpg
								20170909201149682.jpg
								20170909201156037.jpg
								20170909201202392.jpg
								20170909201208747.jpg
								20170909201215103.jpg
19	9/9/2017	20:15:01	2999	158	121	20170909_201505_A.igm	None	24mm2017_09_09 20_14_40.jpg
								24mm2017_09_09_20_14_46.jpg
								24mm2017_09_09_20_14_52.jpg
								20170909201513949.jpg
								20170909201520304.jpg
								20170909201526659.jpg
20	9/9/2017	20:19:38	3011	59	106	20170909_201941_A.igm	None	24mm2017_09_09 20_19_16.jpg
								24mm2017_09_09_20_19_22.jpg
								24mm2017_09_09_20_19_29.jpg
								20170909201949937.jpg
								20170909201956292.jpg

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								20170909202002648.jpg
21	9/9/2017	20:23:10	3012	271	128	20170909_202315_A.igm	2017_09_09_20_23_16_R_23	24mm2017_09_09 20_22_48.jpg
								24mm2017_09_09_20_22_54.jpg
								24mm2017_09_09_20_23_01.jpg
								24mm2017_09_09_20_23_07.jpg
								20170909202322370.jpg
								20170909202328725.jpg
								20170909202335080.jpg
								20170909202341436.jpg
22	9/9/2017	20:27:07	3026	34	111	20170909_202711_A.igm	2017_09_09_20_27_13_R_24	24mm2017_09_09 20_26_45.jpg
								24mm2017_09_09_20_26_52.jpg
								24mm2017_09_09_20_26_58.jpg
								24mm2017_09_09_20_27_04.jpg
								20170909202719320.jpg
								20170909202725675.jpg
								20170909202732031.jpg
								20170909202738385.jpg
23	9/9/2017	20:30:36	3025	173	129	20170909_203039_A.igm	2017_09_09_20_30_42_R_25	24mm2017_09_09 20_30_14.jpg
								24mm2017_09_09_20_30_21.jpg
								24mm2017_09_09_20_30_27.jpg
								24mm2017_09_09_20_30_33.jpg
								20170909203048127.jpg
								20170909203054481.jpg
								20170909203100836.jpg
								20170909203107191.jpg
24	9/9/2017	20:34:20	3029	345	113	20170909_203425_A.igm	None	24mm2017_09_09 20_33_58.jpg
								24mm2017_09_09_20_34_05.jpg
								24mm2017_09_09_20_34_11.jpg
								20170909203432363.jpg
								20170909203438718.jpg
								20170909203445073.jpg
25	9/9/2017	20:37:15	3050	195	127	20170909_203719_A.igm	2017_09_09_20_37_21_R_27	24mm2017_09_09 20_36_53.jpg
								24mm2017_09_09_20_37_00.jpg
								24mm2017_09_09_20_37_06.jpg
								24mm2017_09_09_20_37_12.jpg
								24mm2017_09_09_20_37_18.jpg
								24mm2017_09_09_20_37_25.jpg
								20170909203727574.jpg
								20170909203733930.jpg
								20170909203740284.jpg
								20170909203746639.jpg
								20170909203752995.jpg
								20170909203759350.jpg
26	9/9/2017	20:41:29	3037	7	109	20170909_204133_A.igm	2017_09_09_20_41_34_R_28	24mm2017_09_09 20_41_07.jpg

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						20170909_204213_A.igm		24mm2017_09_09_20_41_13.jpg
								24mm2017_09_09_20_41_19.jpg
								24mm2017_09_09_20_41_26.jpg
								24mm2017_09_09_20_41_32.jpg
								24mm2017_09_09_20_41_38.jpg
								24mm2017_09_09_20_41_45.jpg
								24mm2017_09_09_20_41_51.jpg
								20170909204140861.jpg
								20170909204147215.jpg
								20170909204153570.jpg
								20170909204159925.jpg
								20170909204206280.jpg
								20170909204212636.jpg
								20170909204218991.jpg
								20170909204225345.jpg
27	9/9/2017	20:47:12	3014	183	134	20170909_204716_A.igm	2017_09_09_20_47_18_R_29	24mm2017_09_09 20_46_50.jpg
								24mm2017_09_09_20_46_56.jpg
								24mm2017_09_09_20_47_03.jpg
								24mm2017_09_09_20_47_09.jpg
								24mm2017_09_09_20_47_15.jpg
								24mm2017_09_09_20_47_21.jpg
								20170909204724030.jpg
								20170909204730386.jpg
								20170909204736740.jpg
								20170909204743094.jpg
								20170909204749451.jpg
								20170909204755805.jpg
28	9/9/2017	20:51:08	3038	198	131	20170909_205112_A.igm	None	24mm2017_09_09 20_50_46.jpg
								24mm2017_09_09_20_50_52.jpg
								24mm2017_09_09_20_50_58.jpg
								20170909205120072.jpg
								20170909205126427.jpg
								20170909205132783.jpg
29	9/9/2017	20:55:15	3056	47	110	20170909_205519_A.igm	2017_09_09_20_55_21_R_31	24mm2017_09_09 20_54_53.jpg
								24mm2017_09_09_20_55_00.jpg
								24mm2017_09_09_20_55_06.jpg
								24mm2017_09_09_20_55_12.jpg
								20170909205527917.jpg
								20170909205534271.jpg
								20170909205540627.jpg
								20170909205546981.jpg
30	9/9/2017	20:58:30	3011	188	133	20170909_205833_A.igm	2017_09_09_20_58_36_R_32	24mm2017_09_09 20_58_08.jpg
								24mm2017_09_09_20_58_14.jpg
								24mm2017_09_09_20_58_20.jpg

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								24mm2017_09_09_20_58_27.jpg
								20170909205842205.jpg
								20170909205848551.jpg
								20170909205854905.jpg
								20170909205901259.jpg
31	9/9/2017	21:02:04	2882	212	139	20170909_210208_A.igm	None	24mm2017_09_09 21_01_42.jpg
								24mm2017_09_09_21_01_48.jpg
								20170909210216436.jpg
								20170909210222789.jpg
32	9/9/2017	21:05:21	3009	318	123	20170909_210525_A.igm	2017_09_09_21_05_27_R_34	24mm2017_09_09 21_04_59.jpg
								24mm2017_09_09_21_05_05.jpg
								24mm2017_09_09_21_05_11.jpg
								24mm2017_09_09_21_05_18.jpg
								20170909210533432.jpg
								20170909210539786.jpg
								20170909210546143.jpg
								20170909210552496.jpg
33	9/9/2017	21:09:20	3031	89	116	20170909_210925_A.igm	2017_09_09_21_09_27_R_35	24mm2017_09_09 21_08_59.jpg
								24mm2017_09_09_21_09_05.jpg
								24mm2017_09_09_21_09_11.jpg
								24mm2017_09_09_21_09_18.jpg
								20170909210933106.jpg
								20170909210939461.jpg
								20170909210945816.jpg
								20170909210952170.jpg
34	9/9/2017	21:12:37	2886	344	124	20170909_211241_A.igm	None	24mm2017_09_09 21_12_16.jpg
								24mm2017_09_09_21_12_22.jpg
								24mm2017_09_09_21_12_28.jpg
								20170909211250104.jpg
								20170909211256457.jpg
								20170909211302812.jpg
35	9/9/2017	21:16:27	3033	53	110	20170909_211630_A.igm	None	24mm2017_09_09 21_16_05.jpg
								24mm2017_09_09_21_16_12.jpg
								24mm2017_09_09_21_16_18.jpg
								20170909211639787.jpg
								20170909211646142.jpg
								20170909211652496.jpg
36	9/9/2017	21:20:15	2877	94	121	20170909_212019_A.igm	None	24mm2017_09_09 21_19_54.jpg
								24mm2017_09_09_21_20_00.jpg
								20170909212027653.jpg
								20170909212034007.jpg
37	9/9/2017	21:23:30	3035	123	121	20170909_212334_A.igm	2017_09_09_21_23_37_R_39	24mm2017_09_09 21_23_09.jpg
								24mm2017_09_09_21_23_15.jpg
								24mm2017_09_09_21_23_21.jpg

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								24mm2017_09_09_21_23_28.jpg
								20170909212342839.jpg
								20170909212349194.jpg
								20170909212355549.jpg
								20170909212401904.jpg
38	9/9/2017	21:28:01	3094	10	114	20170909_212805_A.igm	2017_09_09_21_28_08_R_40	24mm2017_09_09 21_27_39.jpg
								24mm2017_09_09_21_27_46.jpg
								24mm2017_09_09_21_27_52.jpg
								24mm2017_09_09_21_27_58.jpg
								24mm2017_09_09_21_28_05.jpg
								24mm2017_09_09_21_28_11.jpg
								24mm2017_09_09_21_28_17.jpg
								20170909212813372.jpg
								20170909212819727.jpg
								20170909212826081.jpg
								20170909212832436.jpg
								20170909212838792.jpg
								20170909212845148.jpg
								20170909212851501.jpg
39	9/9/2017	21:34:14	3045	89	119	20170909_213417_A.igm	2017_09_09_21_34_20_R_41	24mm2017_09_09 21_33_52.jpg
								24mm2017_09_09_21_33_58.jpg
								24mm2017_09_09_21_34_04.jpg
								24mm2017_09_09_21_34_11.jpg
								24mm2017_09_09_21_34_17.jpg
								20170909213425592.jpg
								20170909213431946.jpg
								20170909213438302.jpg
								20170909213444657.jpg
								20170909213451011.jpg
40	9/9/2017	21:39:50	2867	61	112	20170909_213956_A.igm	2017_09_09_21_40_00_R_43	24mm2017_09_09 21_39_28.jpg
								24mm2017_09_09_21_39_34.jpg
								24mm2017_09_09_21_39_40.jpg
								24mm2017_09_09_21_39_47.jpg
								24mm2017_09_09_21_39_53.jpg
								24mm2017_09_09_21_39_59.jpg
								24mm2017_09_09_21_40_06.jpg
								20170909214002402.jpg
								20170909214008757.jpg
								20170909214015114.jpg
								20170909214021466.jpg
								20170909214026914.jpg
								20170909214033268.jpg
								20170909214039624.jpg
41	9/9/2017	21:46:51	3009	320	129	20170909_214654_A.igm	None	24mm2017_09_09 21_46_29.jpg

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								24mm2017_09_09_21_46_35.jpg
								20170909214702737.jpg
								20170909214709092.jpg
42	9/9/2017	21:50:14	2904	233	138	20170909_215018_A.igm	None	24mm2017_09_09 21_49_52.jpg
								24mm2017_09_09_21_49_58.jpg
								20170909215026097.jpg
								20170909215032451.jpg
43	9/9/2017	21:53:49	3033	55	109	20170909_215353_A.igm	2017_09_09_21_53_55_R_46	24mm2017_09_09 21_53_27.jpg
								24mm2017_09_09_21_53_33.jpg
								24mm2017_09_09_21_53_39.jpg
								24mm2017_09_09_21_53_45.jpg
								20170909215401258.jpg
								20170909215407614.jpg
								20170909215413060.jpg
								20170909215419416.jpg
44	9/9/2017	21:58:21	3021	282	129	20170909_215824_A.igm	2017_09_09_21_58_28_R_47	24mm2017_09_09 21_57_59.jpg
						20170909_215905_A.igm		24mm2017_09_09_21_58_05.jpg
						20170909_215916_A.igm		24mm2017_09_09_21_58_11.jpg
								24mm2017_09_09_21_58_18.jpg
								24mm2017_09_09_21_58_24.jpg
								24mm2017_09_09_21_58_30.jpg
								24mm2017_09_09_21_58_37.jpg
								24mm2017_09_09_21_58_43.jpg
								24mm2017_09_09_21_58_50.jpg
								20170909215832707.jpg
								20170909215839063.jpg
								20170909215845417.jpg
								20170909215851771.jpg
								20170909215858126.jpg
								20170909215904483.jpg
								20170909215910837.jpg
								20170909215917193.jpg
								20170909215924454.jpg
45	9/9/2017	22:04:16	3055	45	104	20170909_220421_A.igm	2017_09_09_22_04_23_R_49	24mm2017_09_09 22_03_55.jpg
						20170909_220500_A.igm		24mm2017_09_09_22_04_01.jpg
						20170909_220507_A.igm		24mm2017_09_09_22_04_07.jpg
								24mm2017_09_09_22_04_13.jpg
								24mm2017_09_09_22_04_20.jpg
								24mm2017_09_09_22_04_26.jpg
								24mm2017_09_09_22_04_32.jpg
								24mm2017_09_09_22_04_42.jpg
								20170909220428587.jpg
								20170909220434941.jpg
								20170909220441296.jpg

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								20170909220447650.jpg
								20170909220454006.jpg
								20170909220500362.jpg
								20170909220506718.jpg
								20170909220515794.jpg
46	9/9/2017	22:10:14	2906	247	123	20170909_221017_A.igm	2017_09_09_22_10_21_R_51	24mm2017_09_09 22_09_52.jpg
						20170909_221057_A.igm		24mm2017_09_09_22_09_58.jpg
								24mm2017_09_09_22_10_04.jpg
								24mm2017_09_09_22_10_11.jpg
								24mm2017_09_09_22_10_17.jpg
								24mm2017_09_09_22_10_23.jpg
								24mm2017_09_09_22_10_29.jpg
								20170909221026281.jpg
								20170909221032636.jpg
								20170909221038991.jpg
								20170909221045346.jpg
								20170909221050792.jpg
								20170909221057147.jpg
								20170909221103502.jpg
47	9/9/2017	22:15:35	3006	52	113	20170909_221539_A.igm	2017_09_09_22_15_41_R_52	24mm2017_09_09 22_15_12.jpg
						20170909_221618_A.igm		24mm2017_09_09_22_15_19.jpg
								24mm2017_09_09_22_15_25.jpg
								24mm2017_09_09_22_15_31.jpg
								24mm2017_09_09_22_15_38.jpg
								24mm2017_09_09_22_15_44.jpg
								24mm2017_09_09_22_15_50.jpg
								24mm2017_09_09_22_15_57.jpg
								24mm2017_09_09_22_16_03.jpg
								24mm2017_09_09_22_16_09.jpg
								24mm2017_09_09_22_16_15.jpg
								20170909221546755.jpg
								20170909221553110.jpg
								20170909221559464.jpg
								20170909221605819.jpg
								20170909221612174.jpg
								20170909221618529.jpg
								20170909221624883.jpg
								20170909221631238.jpg
								20170909221636685.jpg
								20170909221643042.jpg
								20170909221649395.jpg

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Flight 26 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/10/2017	13:00:20	2942	202	140	20170910_130024_A.igm	None	24mm2017_09_10 12_59_39.jpg
								20170910130032628.jpg
2	9/10/2017	13:03:50	2974	26	100	20170910_130354_A.igm	None	24mm2017_09_10 13_03_09.jpg
								24mm2017_09_10_13_03_15.jpg
								20170910130402343.jpg
								20170910130408699.jpg
3	9/10/2017	13:07:10	3061	242	134	20170910_130714_A.igm	2017_09_10_13_07_14_R_04	24mm2017_09_10 13_06_28.jpg
								24mm2017_09_10_13_06_35.jpg
								24mm2017_09_10_13_06_41.jpg
								24mm2017_09_10_13_06_47.jpg
								20170910130722071.jpg
								20170910130728427.jpg
								20170910130734782.jpg
								20170910130741135.jpg
4	9/10/2017	13:10:52	2889	85	102	20170910_131055_A.igm	None	24mm2017_09_10 13_10_11.jpg
								24mm2017_09_10_13_10_17.jpg
								24mm2017_09_10_13_10_24.jpg
								20170910131104495.jpg
								20170910131110852.jpg
								20170910131117207.jpg
5	9/10/2017	13:14:44	2995	244	138	20170910_131448_A.igm	2017_09_10_13_14_49_R_06	24mm2017_09_10 13_14_03.jpg
								24mm2017_09_10_13_14_09.jpg
								24mm2017_09_10_13_14_15.jpg
								24mm2017_09_10_13_14_22.jpg
								24mm2017_09_10_13_14_28.jpg
								20170910131456906.jpg
								20170910131502353.jpg
								20170910131508708.jpg
								20170910131515063.jpg
								20170910131521420.jpg
6	9/10/2017	13:18:57	2906	47	104	20170910_131901_A.igm	None	24mm2017_09_10 13_18_16.jpg
								24mm2017_09_10_13_18_23.jpg
								20170910131910198.jpg
								20170910131916554.jpg
7	9/10/2017	13:21:09	2861	199	138	20170910_132112_A.igm	None	24mm2017_09_10 13_20_28.jpg
								24mm2017_09_10_13_20_34.jpg
								20170910132121826.jpg
								20170910132128181.jpg
8	9/10/2017	13:24:41	3067	205	124	20170910_132444_A.igm	None	24mm2017_09_10 13_23_59.jpg
								24mm2017_09_10_13_24_06.jpg
								20170910132453354.jpg

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								20170910132459708.jpg
9	9/10/2017	13:29:21	3010	58	101	20170910_132924_A.igm	2017_09_10_13_29_26_R_10	24mm2017_09_10 13_28_40.jpg
								24mm2017_09_10_13_28_46.jpg
								24mm2017_09_10_13_28_52.jpg
								24mm2017_09_10_13_28_59.jpg
								24mm2017_09_10_13_29_05.jpg
								20170910132932973.jpg
								20170910132939328.jpg
								20170910132945684.jpg
								20170910132952038.jpg
								20170910132958392.jpg
10	9/10/2017	13:33:13	2959	137	117	20170910_133317_A.igm	None	24mm2017_09_10 13_32_32.jpg
								24mm2017_09_10_13_32_39.jpg
								24mm2017_09_10_13_32_45.jpg
								20170910133326287.jpg
								20170910133332641.jpg
								20170910133338996.jpg
11	9/10/2017	13:36:35	3012	23	108	20170910_133638_A.igm	None	24mm2017_09_10 13_35_54.jpg
								24mm2017_09_10_13_36_01.jpg
								24mm2017_09_10_13_36_07.jpg
								20170910133647820.jpg
								20170910133654175.jpg
								20170910133700530.jpg
12	9/10/2017	13:39:16	3015	211	134	20170910_133919_A.igm	None	24mm2017_09_10 13_38_35.jpg
								24mm2017_09_10_13_38_41.jpg
								20170910133928511.jpg
								20170910133934865.jpg
13	9/10/2017	13:42:18	3057	295	128	20170910_134221_A.igm	None	24mm2017_09_10 13_41_36.jpg
								24mm2017_09_10_13_41_43.jpg
								24mm2017_09_10_13_41_49.jpg
								24mm2017_09_10_13_41_55.jpg
								20170910134230077.jpg
								20170910134236432.jpg
								20170910134242787.jpg
								20170910134249142.jpg
14	9/10/2017	13:45:04	2969	186	136	20170910_134507_A.igm	None	24mm2017_09_10 13_44_22.jpg
								24mm2017_09_10_13_44_28.jpg
								20170910134516213.jpg
								20170910134521659.jpg
15	9/10/2017	13:48:37	3053	81	99	20170910_134841_A.igm	None	24mm2017_09_10 13_47_56.jpg
								24mm2017_09_10_13_48_02.jpg
								24mm2017_09_10_13_48_09.jpg
								20170910134849554.jpg
								20170910134855912.jpg

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								20170910134902264.jpg
16	9/10/2017	13:52:41	3053	225	137	20170910_135245_A.igm	2017_09_10_13_52_47_R_17	24mm2017_09_10 13_52_00.jpg
								24mm2017_09_10_13_52_07.jpg
								24mm2017_09_10_13_52_13.jpg
								24mm2017_09_10_13_52_19.jpg
								24mm2017_09_10_13_52_25.jpg
								24mm2017_09_10_13_52_32.jpg
								20170910135253766.jpg
								20170910135300120.jpg
								20170910135306477.jpg
								20170910135312830.jpg
								20170910135319185.jpg
								20170910135325540.jpg
17	9/10/2017	13:56:46	3051	317	125	20170910_135650_A.igm	2017_09_10_13_56_51_R_18	24mm2017_09_10 13_56_05.jpg
								24mm2017_09_10_13_56_11.jpg
								24mm2017_09_10_13_56_18.jpg
								24mm2017_09_10_13_56_24.jpg
								20170910135658877.jpg
								20170910135705232.jpg
								20170910135711587.jpg
								20170910135717034.jpg
18	9/10/2017	13:59:52	2969	191	137	20170910_135956_A.igm	None	24mm2017_09_10 13_59_11.jpg
								24mm2017_09_10_13_59_18.jpg
								20170910140004987.jpg
								20170910140011343.jpg
19	9/10/2017	14:03:26	3006	235	138	20170910_140331_A.igm	None	24mm2017_09_10 14_02_45.jpg
								24mm2017_09_10_14_02_52.jpg
								24mm2017_09_10_14_02_58.jpg
								20170910140339237.jpg
								20170910140345593.jpg
								20170910140351947.jpg
20	9/10/2017	14:07:20	3046	120	112	20170910_140723_A.igm	None	24mm2017_09_10 14_06_39.jpg
								24mm2017_09_10_14_06_45.jpg
								20170910140732553.jpg
								20170910140738908.jpg
21	9/10/2017	14:10:59	2978	52	103	20170910_141104_A.igm	None	24mm2017_09_10 14_10_18.jpg
								24mm2017_09_10_14_10_25.jpg
								20170910141112255.jpg
								20170910141118608.jpg
22	9/10/2017	14:14:38	2995	39	103	20170910_141441_A.igm	None	24mm2017_09_10 14_13_56.jpg
								24mm2017_09_10_14_14_03.jpg
								20170910141450139.jpg
								20170910141456493.jpg
23	9/10/2017	14:17:18	3013	116	111	20170910_141721_A.igm	None	24mm2017_09_10 14_16_37.jpg

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								24mm2017_09_10_14_16_43.jpg
								20170910141730829.jpg
								20170910141737183.jpg
24	9/10/2017	14:20:15	3050	69	100	20170910_142019_A.igm	None	24mm2017_09_10 14_19_34.jpg
								24mm2017_09_10_14_19_40.jpg
								20170910142026953.jpg
								20170910142033308.jpg
25	9/10/2017	14:23:25	3013	238	139	20170910_142329_A.igm	None	24mm2017_09_10 14_22_44.jpg
								24mm2017_09_10_14_22_50.jpg
								20170910142337602.jpg
								20170910142343957.jpg
26	9/10/2017	14:27:41	3054	229	140	20170910_142745_A.igm	None	24mm2017_09_10 14_27_00.jpg
								20170910142752709.jpg
27	9/10/2017	14:31:15	3074	96	105	20170910_143119_A.igm	None	24mm2017_09_10 14_30_33.jpg
								24mm2017_09_10_14_30_40.jpg
								20170910143126964.jpg
								20170910143133318.jpg
28	9/10/2017	14:34:18	3075	200	139	20170910_143421_A.igm	None	24mm2017_09_10 14_33_36.jpg
								24mm2017_09_10_14_33_43.jpg
								20170910143430349.jpg
								20170910143436704.jpg
29	9/10/2017	14:36:06	3071	234	141	20170910_143609_A.igm	None	24mm2017_09_10 14_35_24.jpg
								24mm2017_09_10_14_35_31.jpg
								20170910143618384.jpg
								20170910143624739.jpg
30	9/10/2017	14:38:56	3024	252	141	20170910_143859_A.igm	None	24mm2017_09_10 14_38_15.jpg
								24mm2017_09_10_14_38_21.jpg
								24mm2017_09_10_14_38_27.jpg
								20170910143908152.jpg
								20170910143914508.jpg
								20170910143920863.jpg
31	9/10/2017	14:41:31	2984	251	138	20170910_144135_A.igm	None	24mm2017_09_10 14_40_50.jpg
								24mm2017_09_10_14_40_56.jpg
								20170910144143397.jpg
								20170910144149753.jpg
32	9/10/2017	14:44:34	2991	245	135	20170910_144438_A.igm	None	24mm2017_09_10 14_43_53.jpg
								24mm2017_09_10_14_43_59.jpg
								20170910144446783.jpg
								20170910144452231.jpg
33	9/10/2017	14:48:11	3053	17	104	20170910_144815_A.igm	2017_09_10_14_48_17_R_34	24mm2017_09_10 14_47_30.jpg
						20170910_144901_A.igm		24mm2017_09_10_14_47_37.jpg
								24mm2017_09_10_14_47_43.jpg
								24mm2017_09_10_14_47_49.jpg
								24mm2017_09_10_14_47_55.jpg

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								24mm2017_09_10_14_48_02.jpg
								24mm2017_09_10_14_48_17.jpg
								24mm2017_09_10_14_48_23.jpg
								20170910144823760.jpg
								20170910144830115.jpg
								20170910144836470.jpg
								20170910144842826.jpg
								20170910144849179.jpg
								20170910144855534.jpg
								20170910144910060.jpg
								20170910144916417.jpg
34	9/10/2017	14:53:05	3118	12	105	20170910_145310_A.igm	2017_09_10_14_53_11_R_36	24mm2017_09_10 14_52_24.jpg
								24mm2017_09_10_14_52_31.jpg
								24mm2017_09_10_14_52_37.jpg
								24mm2017_09_10_14_52_43.jpg
								20170910145317906.jpg
								20170910145324260.jpg
								20170910145330615.jpg
								20170910145336970.jpg
35	9/10/2017	14:56:10	3000	168	131	20170910_145613_A.igm	None	24mm2017_09_10 14_55_28.jpg
								24mm2017_09_10_14_55_35.jpg
								24mm2017_09_10_14_55_41.jpg
								20170910145622200.jpg
								20170910145628554.jpg
								20170910145634909.jpg
36	9/10/2017	15:01:15	2936	74	106	20170910_150119_A.igm	None	24mm2017_09_10 15_00_34.jpg
								24mm2017_09_10_15_00_40.jpg
								24mm2017_09_10_15_00_47.jpg
								20170910150127238.jpg
								20170910150133593.jpg
								20170910150139948.jpg
37	9/10/2017	15:05:29	2981	282	133	20170910_150532_A.igm	None	24mm2017_09_10 15_04_48.jpg
								24mm2017_09_10_15_04_54.jpg
								24mm2017_09_10_15_05_00.jpg
								24mm2017_09_10_15_05_07.jpg
								20170910150541437.jpg
								20170910150547792.jpg
								20170910150554147.jpg
								20170910150600502.jpg
38	9/10/2017	15:09:54	3020	76	102	20170910_150958_A.igm	None	24mm2017_09_10 15_09_13.jpg
								24mm2017_09_10_15_09_19.jpg
								24mm2017_09_10_15_09_25.jpg
								20170910151006531.jpg
								20170910151012886.jpg

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								20170910151019241.jpg
39	9/10/2017	15:15:54	3010	353	109	20170910_151559_A.igm	2017_09_10_15_16_00_R_41	24mm2017_09_10 15_15_13.jpg
								24mm2017_09_10_15_15_19.jpg
								24mm2017_09_10_15_15_25.jpg
								24mm2017_09_10_15_15_31.jpg
								24mm2017_09_10_15_15_38.jpg
								24mm2017_09_10_15_15_44.jpg
								20170910151606041.jpg
								20170910151612396.jpg
								20170910151618751.jpg
								20170910151625106.jpg
								20170910151631462.jpg
								20170910151637816.jpg
40	9/10/2017	15:20:24	3022	138	123	20170910_152027_A.igm	None	24mm2017_09_10 15_19_43.jpg
								24mm2017_09_10_15_19_49.jpg
								24mm2017_09_10_15_19_55.jpg
								20170910152036583.jpg
								20170910152042938.jpg
								20170910152048384.jpg
41	9/10/2017	15:24:58	3054	334	119	20170910_152502_A.igm	None	24mm2017_09_10 15_24_17.jpg
								24mm2017_09_10_15_24_23.jpg
								20170910152510754.jpg
								20170910152517109.jpg
42	9/10/2017	15:28:57	3010	313	125	20170910_152901_A.igm	None	24mm2017_09_10 15_28_16.jpg
								24mm2017_09_10_15_28_22.jpg
								24mm2017_09_10_15_28_28.jpg
								20170910152909521.jpg
								20170910152915875.jpg
								20170910152922230.jpg
43	9/10/2017	15:33:41	3016	321	122	20170910_153345_A.igm	None	24mm2017_09_10 15_33_00.jpg
								24mm2017_09_10_15_33_06.jpg
								24mm2017_09_10_15_33_12.jpg
								20170910153353678.jpg
								20170910153400034.jpg
								20170910153406388.jpg
44	9/10/2017	15:37:09	2902	206	145	20170910_153713_A.igm	None	24mm2017_09_10 15_36_28.jpg
								24mm2017_09_10_15_36_34.jpg
								20170910153721578.jpg
								20170910153727932.jpg
45	9/10/2017	15:41:00	2991	58	103	20170910_154103_A.igm	None	24mm2017_09_10 15_40_19.jpg
								24mm2017_09_10_15_40_25.jpg
								20170910154112173.jpg
								20170910154118528.jpg
46	9/10/2017	15:44:10	2968	168	138	20170910_154415_A.igm	None	24mm2017_09_10 15_43_29.jpg

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								24mm2017_09_10_15_43_36.jpg
								20170910154422821.jpg
								20170910154429177.jpg
47	9/10/2017	15:47:23	2970	340	114	20170910_154726_A.igm	None	24mm2017_09_10 15_46_42.jpg
								24mm2017_09_10_15_46_48.jpg
								20170910154735287.jpg
								20170910154741641.jpg
48	9/10/2017	15:52:14	3083	41	101	20170910_155218_A.igm	None	24mm2017_09_10 15_51_32.jpg
								24mm2017_09_10_15_51_39.jpg
								20170910155225801.jpg
								20170910155232157.jpg
49	9/10/2017	15:56:07	3051	208	141	20170910_155610_A.igm	None	24mm2017_09_10 15_55_26.jpg
								24mm2017_09_10_15_55_32.jpg
								20170910155619115.jpg
								20170910155625470.jpg
50	9/10/2017	15:59:14	2942	199	144	20170910_155918_A.igm	None	24mm2017_09_10 15_58_33.jpg
								24mm2017_09_10_15_58_39.jpg
								20170910155926131.jpg
								20170910155932488.jpg
51	9/10/2017	16:02:56	3086	19	107	20170910_160300_A.igm	None	24mm2017_09_10 16_02_15.jpg
								24mm2017_09_10_16_02_21.jpg
								24mm2017_09_10_16_02_28.jpg
								20170910160308555.jpg
								20170910160314912.jpg
								20170910160321266.jpg
52	9/10/2017	16:06:08	3093	186	140	20170910_160612_A.igm	None	24mm2017_09_10 16_05_27.jpg
								24mm2017_09_10_16_05_33.jpg
								20170910160621021.jpg
								20170910160627375.jpg
53	9/10/2017	0.67292	3000	223	144	20170910_160904_A.igm	None	24mm2017_09_10 16_08_19.jpg
								24mm2017_09_10_16_08_25.jpg
								20170910160912605.jpg
								20170910160918962.jpg
54	9/10/2017	16:12:15	2965	6	111	20170910_161219_A.igm	None	24mm2017_09_10 16_11_34.jpg
								24mm2017_09_10_16_11_40.jpg
								24mm2017_09_10_16_11_46.jpg
								20170910161227794.jpg
								20170910161234148.jpg
								20170910161240503.jpg
55	9/10/2017	16:16:25	3020	9	109	20170910_161629_A.igm	2017_09_10_16_16_32_R_57	24mm2017_09_10 16_15_44.jpg
								24mm2017_09_10_16_15_50.jpg
								24mm2017_09_10_16_15_57.jpg
								24mm2017_09_10_16_16_03.jpg
								24mm2017_09_10_16_16_09.jpg

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								20170910161637452.jpg
								20170910161643807.jpg
								20170910161650163.jpg
								20170910161656517.jpg
								20170910161702871.jpg
56	9/10/2017	16:20:11	3041	320	125	20170910_162015_A.igm	None	24mm2017_09_10 16_19_30.jpg
								24mm2017_09_10_16_19_37.jpg
								24mm2017_09_10_16_19_43.jpg
								24mm2017_09_10_16_19_49.jpg
								20170910162024416.jpg
								20170910162030771.jpg
								20170910162036217.jpg
								20170910162042573.jpg
57	9/10/2017	16:24:05	2999	315	127	20170910_162409_A.igm	None	24mm2017_09_10 16_23_24.jpg
								24mm2017_09_10_16_23_30.jpg
								20170910162417732.jpg
								20170910162424089.jpg
58	9/10/2017	16:28:10	3007	322	123	20170910_162814_A.igm	None	24mm2017_09_10 16_27_29.jpg
								24mm2017_09_10_16_27_35.jpg
								20170910162821939.jpg
								20170910162828296.jpg
59	9/10/2017	16:31:58	3001	80	112	20170910_163202_A.igm	None	24mm2017_09_10 16_31_16.jpg
								24mm2017_09_10_16_31_23.jpg
								24mm2017_09_10_16_31_29.jpg
								20170910163209805.jpg
								20170910163216160.jpg
								20170910163222513.jpg
60	9/10/2017	16:35:07	3015	252	138	20170910_163511_A.igm	None	24mm2017_09_10 16_34_26.jpg
								24mm2017_09_10_16_34_32.jpg
								24mm2017_09_10_16_34_38.jpg
								20170910163519540.jpg
								20170910163525893.jpg
								20170910163531339.jpg
61	9/10/2017	16:38:47	3000	71	113	20170910_163851_A.igm	None	24mm2017_09_10 16_38_05.jpg
								24mm2017_09_10_16_38_12.jpg
								20170910163859239.jpg
								20170910163905594.jpg
62	9/10/2017	16:42:30	3016	149	129	20170910_164233_A.igm	None	24mm2017_09_10 16_41_49.jpg
								24mm2017_09_10_16_41_55.jpg
								24mm2017_09_10_16_42_01.jpg
								20170910164242571.jpg
								20170910164248927.jpg
								20170910164255280.jpg
63	9/10/2017	16:45:34	2943	2	115	20170910_164538_A.igm	None	24mm2017_09_10 16_44_52.jpg

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								24mm2017_09_10_16_44_59.jpg
								24mm2017_09_10_16_45_05.jpg
								20170910164545957.jpg
								20170910164552313.jpg
								20170910164558668.jpg
64	9/10/2017	16:49:08	3042	233	140	20170910_164912_A.igm	2017_09_10_16_49_15_R_66	24mm2017_09_10 16_48_27.jpg
						20170910_164951_A.igm		24mm2017_09_10_16_48_33.jpg
								24mm2017_09_10_16_48_39.jpg
								24mm2017_09_10_16_48_46.jpg
								24mm2017_09_10_16_48_52.jpg
								24mm2017_09_10_16_48_58.jpg
								24mm2017_09_10_16_49_05.jpg
								20170910164920201.jpg
								20170910164926555.jpg
								20170910164932910.jpg
								20170910164939266.jpg
								20170910164945621.jpg
								20170910164951975.jpg
								20170910164958331.jpg
65	9/10/2017	16:50:13	2913	238	137	20170910_165016_A.igm	None	24mm2017_09_10 16_49_31.jpg
								24mm2017_09_10_16_49_38.jpg
								24mm2017_09_10_16_49_44.jpg
								20170910165024659.jpg
								20170910165031013.jpg
								20170910165037368.jpg

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Flight 27 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/11/2017	14:18:21	3074	196	132	20170911_141825_A.igm	None	24mm2017_09_11 14_17_48.jpg
								24mm2017_09_11_14_17_54.jpg
								20170911141833106.jpg
								20170911141839459.jpg
2	9/11/2017	14:22:45	3024	22	105	20170911_142250_A.igm	2017_09_11_14_22_52_R_06	24mm2017_09_11 14_22_12.jpg
								24mm2017_09_11_14_22_19.jpg
								24mm2017_09_11_14_22_25.jpg
								24mm2017_09_11_14_22_31.jpg
								24mm2017_09_11_14_22_38.jpg
								20170911142258199.jpg
								20170911142304554.jpg
								20170911142310000.jpg
								20170911142316356.jpg
								20170911142322710.jpg
3	9/11/2017	14:27:43	3032	69	108	20170911_142747_A.igm	None	24mm2017_09_11 14_27_10.jpg
								24mm2017_09_11_14_27_17.jpg
								24mm2017_09_11_14_27_23.jpg
								24mm2017_09_11_14_27_29.jpg
								20170911142755976.jpg
								20170911142802330.jpg
								20170911142808684.jpg
								20170911142815040.jpg
4	9/11/2017	14:30:52	3061	226	136	20170911_143056_A.igm	2017_09_11_14_30_59_R_08	24mm2017_09_11 14_30_19.jpg
								24mm2017_09_11_14_30_26.jpg
								24mm2017_09_11_14_30_32.jpg
								24mm2017_09_11_14_30_38.jpg
								20170911143104808.jpg
								20170911143111164.jpg
								20170911143117520.jpg
								20170911143123875.jpg
5	9/11/2017	14:34:41	3023	150	129	20170911_143445_A.igm	2017_09_11_14_34_47_R_09	24mm2017_09_11 14_34_08.jpg
								24mm2017_09_11_14_34_14.jpg
								24mm2017_09_11_14_34_21.jpg
								24mm2017_09_11_14_34_27.jpg
								24mm2017_09_11_14_34_33.jpg
								20170911143453587.jpg
								20170911143459943.jpg
								20170911143506297.jpg
								20170911143512653.jpg
								20170911143519007.jpg
6	9/11/2017	14:41:23	3022	218	140	20170911_144127_A.igm	2017_09_11_14_41_30_R_10	24mm2017_09_11 14_40_50.jpg

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								24mm2017_09_11_14_40_56.jpg
								24mm2017_09_11_14_41_03.jpg
								24mm2017_09_11_14_41_09.jpg
								20170911144135768.jpg
								20170911144142123.jpg
								20170911144148478.jpg
								20170911144153924.jpg
7	9/11/2017	14:46:22	3038	44	104	20170911_144626_A.igm	2017_09_11_14_46_29_R_11	24mm2017_09_11 14_45_49.jpg
								24mm2017_09_11_14_45_55.jpg
								24mm2017_09_11_14_46_02.jpg
								24mm2017_09_11_14_46_08.jpg
								24mm2017_09_11_14_46_14.jpg
								24mm2017_09_11_14_46_21.jpg
								20170911144634452.jpg
								20170911144640806.jpg
								20170911144647163.jpg
								20170911144653517.jpg
								20170911144659871.jpg
								20170911144706228.jpg
8	9/11/2017	14:51:38	3014	35	104	20170911_145141_A.igm	2017_09_11_14_51_44_R_12	24mm2017_09_11 14_51_04.jpg
								24mm2017_09_11_14_51_11.jpg
								24mm2017_09_11_14_51_17.jpg
								24mm2017_09_11_14_51_23.jpg
								20170911145149477.jpg
								20170911145155832.jpg
								20170911145202188.jpg
								20170911145208542.jpg
9	9/11/2017	14:54:58	3049	225	138	20170911_145501_A.igm	2017_09_11_14_55_05_R_13	24mm2017_09_11 14_54_25.jpg
								24mm2017_09_11_14_54_32.jpg
								24mm2017_09_11_14_54_38.jpg
								24mm2017_09_11_14_54_44.jpg
								24mm2017_09_11_14_54_50.jpg
								20170911145511022.jpg
								20170911145517376.jpg
								20170911145523731.jpg
								20170911145530086.jpg
								20170911145535533.jpg
10	9/11/2017	14:58:44	2979	73	111	20170911_145848_A.igm	2017_09_11_14_58_51_R_14	24mm2017_09_11 14_58_11.jpg
								24mm2017_09_11_14_58_18.jpg
								24mm2017_09_11_14_58_24.jpg
								24mm2017_09_11_14_58_30.jpg
								24mm2017_09_11_14_58_37.jpg
								20170911145857077.jpg
								20170911145903434.jpg

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								20170911145909787.jpg
								20170911145916142.jpg
								20170911145922497.jpg
11	9/11/2017	15:02:19	3013	4	104	20170911_150223_A.igm	2017_09_11_15_02_26_R_15	24mm2017_09_11 15_01_46.jpg
								24mm2017_09_11_15_01_52.jpg
								24mm2017_09_11_15_01_59.jpg
								24mm2017_09_11_15_02_05.jpg
								20170911150231331.jpg
								20170911150237687.jpg
								20170911150244045.jpg
								20170911150250395.jpg
12	9/11/2017	15:06:06	3017	174	138	20170911_150609_A.igm	2017_09_11_15_06_12_R_16	24mm2017_09_11 15_05_32.jpg
								24mm2017_09_11_15_05_39.jpg
								24mm2017_09_11_15_05_45.jpg
								24mm2017_09_11_15_05_51.jpg
								20170911150618295.jpg
								20170911150623741.jpg
								20170911150630096.jpg
								20170911150636453.jpg
13	9/11/2017	15:11:22	3016	259	135	20170911_151127_A.igm	None	24mm2017_09_11 15_10_50.jpg
								24mm2017_09_11_15_10_56.jpg
								20170911151135137.jpg
								20170911151141491.jpg
14	9/11/2017	15:15:39	2976	0	106	20170911_151543_A.igm	None	24mm2017_09_11 15_15_05.jpg
								24mm2017_09_11_15_15_12.jpg
								20170911151551151.jpg
								20170911151557506.jpg
15	9/11/2017	15:18:29	2992	172	138	20170911_151832_A.igm	None	24mm2017_09_11 15_17_56.jpg
								24mm2017_09_11_15_18_02.jpg
								24mm2017_09_11_15_18_08.jpg
								20170911151841836.jpg
								20170911151847282.jpg
								20170911151853640.jpg
16	9/11/2017	15:21:44	3005	278	129	20170911_152148_A.igm	None	24mm2017_09_11 15_21_11.jpg
								24mm2017_09_11_15_21_17.jpg
								20170911152157057.jpg
								20170911152202504.jpg
17	9/11/2017	15:26:19	2995	238	136	20170911_152622_A.igm	None	24mm2017_09_11 15_25_46.jpg
								24mm2017_09_11_15_25_52.jpg
								20170911152631246.jpg
								20170911152637601.jpg
18	9/11/2017	15:29:48	2938	333	116	20170911_152953_A.igm	None	24mm2017_09_11 15_29_15.jpg
								24mm2017_09_11_15_29_21.jpg
								20170911153000960.jpg

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								20170911153007314.jpg
19	9/11/2017	15:36:04	2971	272	131	20170911_153607_A.igm	None	24mm2017_09_11 15_35_30.jpg
								24mm2017_09_11_15_35_37.jpg
								20170911153615905.jpg
								20170911153622259.jpg
20	9/11/2017	15:44:48	2956	89	116	20170911_154452_A.igm	None	24mm2017_09_11 15_44_15.jpg
								24mm2017_09_11_15_44_22.jpg
								20170911154500643.jpg
								20170911154506999.jpg
21	9/11/2017	15:48:22	2902	118	129	20170911_154826_A.igm	None	24mm2017_09_11 15_47_49.jpg
								24mm2017_09_11_15_47_55.jpg
								20170911154833984.jpg
								20170911154840338.jpg
22	9/11/2017	15:51:50	2951	173	142	20170911_155155_A.igm	None	24mm2017_09_11 15_51_17.jpg
								24mm2017_09_11_15_51_23.jpg
								20170911155202770.jpg
								20170911155209126.jpg
23	9/11/2017	15:55:49	2977	32	108	20170911_155552_A.igm	None	24mm2017_09_11 15_55_16.jpg
								24mm2017_09_11_15_55_22.jpg
								24mm2017_09_11_15_55_28.jpg
								20170911155601527.jpg
								20170911155607882.jpg
								20170911155613329.jpg
24	9/11/2017	15:59:01	2980	42	108	20170911_155904_A.igm	None	24mm2017_09_11 15_58_28.jpg
								24mm2017_09_11_15_58_34.jpg
								20170911155913084.jpg
								20170911155919438.jpg
25	9/11/2017	16:03:33	2999	88	119	20170911_160338_A.igm	None	24mm2017_09_11 16_03_00.jpg
								24mm2017_09_11_16_03_07.jpg
								24mm2017_09_11_16_03_13.jpg
								24mm2017_09_11_16_03_19.jpg
								20170911160345440.jpg
								20170911160351794.jpg
								20170911160358149.jpg
								20170911160404505.jpg
26	9/11/2017	16:17:08	2976	56	108	20170911_161712_A.igm	None	24mm2017_09_11 16_16_35.jpg
								24mm2017_09_11_16_16_41.jpg
								20170911161720697.jpg
								20170911161727049.jpg
27	9/11/2017	16:20:41	3020	91	118	20170911_162044_A.igm	None	24mm2017_09_11 16_20_08.jpg
								24mm2017_09_11_16_20_14.jpg
								24mm2017_09_11_16_20_20.jpg
								20170911162053131.jpg
								20170911162059487.jpg

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								20170911162105841.jpg
28	9/11/2017	16:28:55	2964	198	149	20170911_162859_A.igm	None	24mm2017_09_11 16_28_22.jpg
								20170911162907004.jpg
29	9/11/2017	16:30:43	3087	241	136	20170911_163047_A.igm	None	24mm2017_09_11 16_30_10.jpg
								24mm2017_09_11_16_30_16.jpg
								20170911163055039.jpg
								20170911163101395.jpg
30	9/11/2017	16:33:38	3007	259	134	20170911_163341_A.igm	None	24mm2017_09_11 16_33_05.jpg
								24mm2017_09_11_16_33_11.jpg
								24mm2017_09_11_16_33_17.jpg
								20170911163350256.jpg
								20170911163356613.jpg
								20170911163402965.jpg
31	9/11/2017	16:36:35	3057	253	139	20170911_163639_A.igm	None	24mm2017_09_11 16_36_02.jpg
								24mm2017_09_11_16_36_08.jpg
								20170911163647287.jpg
								20170911163653642.jpg
32	9/11/2017	16:39:43	2983	249	128	20170911_163947_A.igm	None	24mm2017_09_11 16_39_10.jpg
								24mm2017_09_11_16_39_16.jpg
								20170911163955213.jpg
								20170911164001568.jpg
33	9/11/2017	16:43:20	3089	14	102	20170911_164324_A.igm	2017_09_11_16_43_28_R_37	24mm2017_09_11 16_42_47.jpg
						20170911_164403_A.igm		24mm2017_09_11_16_42_53.jpg
								24mm2017_09_11_16_43_00.jpg
								24mm2017_09_11_16_43_06.jpg
								24mm2017_09_11_16_43_12.jpg
								24mm2017_09_11_16_43_19.jpg
								24mm2017_09_11_16_43_25.jpg
								24mm2017_09_11_16_43_31.jpg
								24mm2017_09_11_16_43_38.jpg
								20170911164333098.jpg
								20170911164339454.jpg
								20170911164345808.jpg
								20170911164351255.jpg
								20170911164357610.jpg
								20170911164403965.jpg
								20170911164410321.jpg
								20170911164416675.jpg
								20170911164423030.jpg
34	9/11/2017	16:49:19	3008	4	108	20170911_164923_A.igm	2017_09_11_16_49_27_R_38	24mm2017_09_11 16_48_46.jpg
								24mm2017_09_11_16_48_53.jpg
								24mm2017_09_11_16_48_59.jpg
								24mm2017_09_11_16_49_05.jpg
								20170911164931701.jpg

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								20170911164938056.jpg
								20170911164944412.jpg
								20170911164950766.jpg
35	9/11/2017	16:52:22	2972	176	137	20170911_165226_A.igm	None	24mm2017_09_11 16_51_49.jpg
								24mm2017_09_11_16_51_55.jpg
								24mm2017_09_11_16_52_01.jpg
								20170911165234180.jpg
								20170911165240535.jpg
								20170911165246890.jpg

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Flight 28 –

Run	Date	Time	Altitude	Heading	Speed	FTIR	IRLS	Photos
1	9/11/2017	18:34:16	2966	206	140	20170911_183419_A.igm	None	24mm2017_09_11 18_33_48.jpg
								24mm2017_09_11_18_33_54.jpg
								20170911183427721.jpg
								20170911183434074.jpg
2	9/11/2017	18:38:49	3031	34	111	None	None	24mm2017_09_11 18_38_21.jpg
								24mm2017_09_11_18_38_28.jpg
								20170911183900984.jpg
								20170911183907338.jpg
3	9/11/2017	18:40:55	2990	82	125	20170911_184059_A.igm	None	24mm2017_09_11 18_40_28.jpg
								24mm2017_09_11_18_40_34.jpg
								24mm2017_09_11_18_40_41.jpg
								20170911184108084.jpg
								20170911184114439.jpg
								20170911184120794.jpg
4	9/11/2017	18:44:41	2892	282	103	20170911_184444_A.igm	2017_09_11_18_44_46_R_03	24mm2017_09_11 18_44_14.jpg
								24mm2017_09_11_18_44_20.jpg
								24mm2017_09_11_18_44_26.jpg
								24mm2017_09_11_18_44_32.jpg
								24mm2017_09_11_18_44_39.jpg
								20170911184453232.jpg
								20170911184459586.jpg
								20170911184505942.jpg
								20170911184512297.jpg
								20170911184518651.jpg
5	9/11/2017	18:48:58	3103	80	121	20170911_184902_A.igm	None	24mm2017_09_11 18_48_31.jpg
								24mm2017_09_11_18_48_37.jpg
								24mm2017_09_11_18_48_43.jpg
								20170911184910155.jpg
								20170911184916510.jpg
								20170911184922865.jpg
6	9/11/2017	18:51:30	3079	124	136	20170911_185134_A.igm	None	24mm2017_09_11 18_51_03.jpg
								24mm2017_09_11_18_51_09.jpg
								20170911185142676.jpg
								20170911185149031.jpg
7	9/11/2017	18:55:47	3035	85	116	20170911_185551_A.igm	None	24mm2017_09_11 18_55_19.jpg
								24mm2017_09_11_18_55_26.jpg
								24mm2017_09_11_18_55_32.jpg
								20170911185559599.jpg
								20170911185605954.jpg
								20170911185611400.jpg
8	9/11/2017	18:59:19	3059	272	126	20170911_185923_A.igm	None	24mm2017_09_11 18_58_52.jpg

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								24mm2017_09_11_18_58_58.jpg
								20170911185932037.jpg
								20170911185937483.jpg
9	9/11/2017	19:03:02	3136	265	132	20170911_190306_A.igm	None	24mm2017_09_11 19_02_34.jpg
								24mm2017_09_11_19_02_40.jpg
								24mm2017_09_11_19_02_47.jpg
								20170911190314458.jpg
								20170911190319908.jpg
								20170911190326260.jpg
10	9/11/2017	19:06:22	3018	-1	123	20170911_190625_A.igm	None	24mm2017_09_11 19_05_54.jpg
								24mm2017_09_11_19_06_00.jpg
								20170911190634173.jpg
								20170911190640529.jpg
11	9/11/2017	19:08:52	3006	272	118	20170911_190855_A.igm	None	24mm2017_09_11 19_08_24.jpg
								24mm2017_09_11_19_08_31.jpg
								20170911190903970.jpg
								20170911190910324.jpg
12	9/11/2017	19:12:12	2950	45	114	20170911_191216_A.igm	2017_09_11_19_12_17_R_11	24mm2017_09_11 19_11_45.jpg
								24mm2017_09_11_19_11_51.jpg
								24mm2017_09_11_19_11_57.jpg
								24mm2017_09_11_19_12_03.jpg
								24mm2017_09_11_19_12_10.jpg
								24mm2017_09_11_19_12_16.jpg
								20170911191224606.jpg
								20170911191230960.jpg
								20170911191237316.jpg
								20170911191243670.jpg
								20170911191250026.jpg
								20170911191255472.jpg
13	9/11/2017	19:16:09	2915	238	127	20170911_191613_A.igm	None	24mm2017_09_11 19_15_41.jpg
								24mm2017_09_11_19_15_48.jpg
								20170911191621552.jpg
								20170911191627907.jpg
14	9/11/2017	19:19:25	3005	329	115	20170911_191929_A.igm	2017_09_11_19_19_31_R_13	24mm2017_09_11 19_18_58.jpg
								24mm2017_09_11_19_19_04.jpg
								24mm2017_09_11_19_19_10.jpg
								24mm2017_09_11_19_19_17.jpg
								24mm2017_09_11_19_19_23.jpg
								24mm2017_09_11_19_19_29.jpg
								20170911191937650.jpg
								20170911191944005.jpg
								20170911191950360.jpg
								20170911191956715.jpg
								20170911192003069.jpg

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								20170911192009424.jpg
15	9/11/2017	19:24:49	2939	344	104	20170911_192452_A.igm	2017_09_11_19_24_54_R_14	24mm2017_09_11 19_24_22.jpg
								24mm2017_09_11_19_24_28.jpg
								24mm2017_09_11_19_24_34.jpg
								24mm2017_09_11_19_24_40.jpg
								24mm2017_09_11_19_24_47.jpg
								24mm2017_09_11_19_24_53.jpg
								24mm2017_09_11_19_24_59.jpg
								20170911192501754.jpg
								20170911192508108.jpg
								20170911192514464.jpg
								20170911192519910.jpg
								20170911192526265.jpg
								20170911192532620.jpg
								20170911192538976.jpg
16	9/11/2017	19:28:58	2889	145	131	20170911_192901_A.igm	None	24mm2017_09_11 19_28_30.jpg
								24mm2017_09_11_19_28_36.jpg
								24mm2017_09_11_19_28_43.jpg
								20170911192909598.jpg
								20170911192915952.jpg
								20170911192922307.jpg
17	9/11/2017	19:33:15	3057	328	110	20170911_193319_A.igm	None	24mm2017_09_11 19_32_48.jpg
								24mm2017_09_11_19_32_54.jpg
								20170911193327417.jpg
								20170911193333772.jpg
18	9/11/2017	19:36:54	2906	310	101	20170911_193658_A.igm	None	24mm2017_09_11 19_36_27.jpg
								24mm2017_09_11_19_36_33.jpg
								24mm2017_09_11_19_36_39.jpg
								20170911193706208.jpg
								20170911193712563.jpg
								20170911193718920.jpg
19	9/11/2017	19:40:41	3076	315	115	20170911_194045_A.igm	None	24mm2017_09_11 19_40_14.jpg
								24mm2017_09_11_19_40_20.jpg
								24mm2017_09_11_19_40_26.jpg
								20170911194053172.jpg
								20170911194059527.jpg
								20170911194105884.jpg
20	9/11/2017	19:44:20	2732	210	135	20170911_194424_A.igm	None	24mm2017_09_11 19_43_52.jpg
								24mm2017_09_11_19_43_58.jpg
								20170911194431967.jpg
								20170911194438321.jpg
21	9/11/2017	19:47:11	3103	54	110	20170911_194714_A.igm	None	24mm2017_09_11 19_46_43.jpg
								24mm2017_09_11_19_46_50.jpg
								20170911194723550.jpg

DRAFT

								20170911194728997.jpg
22	9/11/2017	19:50:20	3105	178	141	20170911_195023_A.igm	None	24mm2017_09_11 19_49_52.jpg
								24mm2017_09_11_19_49_59.jpg
								20170911195032384.jpg
								20170911195038740.jpg
23	9/11/2017	19:53:18	2867	333	117	20170911_195322_A.igm	None	24mm2017_09_11 19_52_50.jpg
								24mm2017_09_11_19_52_57.jpg
								20170911195330311.jpg
								20170911195336669.jpg
24	9/11/2017	19:56:55	3082	38	118	20170911_195700_A.igm	None	24mm2017_09_11 19_56_27.jpg
								24mm2017_09_11_19_56_34.jpg
								20170911195707266.jpg
								20170911195713622.jpg
25	9/11/2017	20:00:09	3027	213	144	20170911_200013_A.igm	None	24mm2017_09_11 19_59_41.jpg
								24mm2017_09_11_19_59_48.jpg
								20170911200021546.jpg
								20170911200027901.jpg
26	9/11/2017	20:03:03	2954	205	136	20170911_200307_A.igm	None	24mm2017_09_11 20_02_35.jpg
								24mm2017_09_11_20_02_42.jpg
								20170911200314946.jpg
								20170911200321301.jpg
27	9/11/2017	20:06:37	3019	12	110	20170911_200640_A.igm	None	24mm2017_09_11 20_06_09.jpg
								24mm2017_09_11_20_06_16.jpg
								24mm2017_09_11_20_06_22.jpg
								20170911200649200.jpg
								20170911200655555.jpg
								20170911200701909.jpg
28	9/11/2017	20:09:29	3039	191	141	20170911_200933_A.igm	None	24mm2017_09_11 20_09_02.jpg
								24mm2017_09_11_20_09_08.jpg
								20170911200941692.jpg
								20170911200948047.jpg
29	9/11/2017	20:12:23	2950	229	139	20170911_201226_A.igm	None	24mm2017_09_11 20_11_56.jpg
								24mm2017_09_11_20_12_02.jpg
								20170911201235092.jpg
								20170911201241449.jpg
30	9/11/2017	20:16:39	2990	0	116	20170911_201643_A.igm	None	24mm2017_09_11 20_16_11.jpg
								24mm2017_09_11_20_16_18.jpg
								24mm2017_09_11_20_16_24.jpg
								20170911201651108.jpg
								20170911201657463.jpg
								20170911201703818.jpg
31	9/11/2017	20:20:40	2868	0	120	20170911_202045_A.igm	None	24mm2017_09_11 20_20_13.jpg
								24mm2017_09_11_20_20_19.jpg
								24mm2017_09_11_20_20_25.jpg

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								24mm2017_09_11_20_20_32.jpg
								20170911202052597.jpg
								20170911202058951.jpg
								20170911202105312.jpg
								20170911202111661.jpg
32	9/11/2017	20:24:21	2899	315	119	20170911_202424_A.igm	2017_09_11_20_24_26_R_31	24mm2017_09_11 20_23_53.jpg
								24mm2017_09_11_20_23_59.jpg
								24mm2017_09_11_20_24_06.jpg
								24mm2017_09_11_20_24_12.jpg
								24mm2017_09_11_20_24_18.jpg
								20170911202433205.jpg
								20170911202439565.jpg
								20170911202445915.jpg
								20170911202452271.jpg
								20170911202458626.jpg
33	9/11/2017	20:27:54	2964	122	132	20170911_202758_A.igm	None	24mm2017_09_11 20_27_27.jpg
								24mm2017_09_11_20_27_33.jpg
								20170911202806553.jpg
								20170911202812908.jpg

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