

Skyline Instructions - Finding the air photos you need

Are you in a rush to get out into the field and need some air photos? This is a common predicament in the industry lately, and here at Yukon Geological Survey / Energy Mines & Resources, we understand that time is of the essence so we have made some basic instructions for the use of Skyline, the air photo finder.

To start, all you need to know is either the NTS (National Topographic System) sheet or the latitude-longitude location (Lat-Long) of the air photo(s) that you are interested in.

NTS	Lat-Long
First you want to know the NTS 50 000 sheet you are on (ex: 105H); if you have a map with the camps location plotted pull it out and it can assist you find the map sheet (ex: 105H/08).	If you have a map and you know the approximate location, write down the latitude-longitude (ex: Latitude 63°58'N; Longitude 135° 63'W)

Once you know your location, go to: http://www.emr.gov.yk.ca/library/skyline_jump.html

Click on “Launch Skyline”, a new window will open.

If you know the NTS or Lat-Long, follow the corresponding instructions:

NTS	Lat-Long
Click on the “Zoom In” icon at the top left hand corner and draw a box with the mouse around the area you are interested in. Zoom in as close as you are able to, using the local streams and NTS map boundaries*.	You can search directly by Lat-Long by clicking on the “Zoom To” tab under “Map Layers” on the left-hand side of the page. Type in your Lat-Long, choose the extent of view and press ok*.
Under “Map Layers” on the left hand side of the page, click on the left-hand folder that corresponds to the year(s) you are interested in, then click on the box that says “Flight Lines (Date)” so that you see a check-mark. Each time you do this the map will re-load showing the flight lines. If you are unsure of the years you are interested in, you can select multiple years**.	Click on the “Layers” tab under “Map Layers” on the left-hand side of the page. Click on the left-hand folder that corresponds to the year(s) you are interested in, then click on the box that says “Flight Lines (Date)” so that you see a check-mark. Each time you do this the map will reload showing the flight lines. If you are unsure of the years you are interested in, you can select multiple years**.
Now, under “Map Layers” click in the box that says “Air Photo Locations” (that corresponds to the expanded folder of the year(s) that you are interested in). The map will re-load posting the air photo numbers.	Now, under “Map Layers” click in the box that says “Air Photo Locations” (that corresponds to the expanded folder of the year(s) that you are interested in). The map will re-load posting the air photo numbers.

*If you are unsure of the area you are looking for and you know its been staked (quartz, placer etc.), under “Map Layers” scroll down and click on the folder beside “mining”, when it expands click in the box(es) you desire it to draw and it will reload on the map.

**You can search all of the years, but this will take some time and can clutter the map.

Write down the air photo and flight line numbers (ex: A28499 – 6) and go down to the EMR library and the staff will assist you in obtaining the air photos that you are looking for.

Aside: SkyLine can be used to measure distances between points as well. Click on “Measure Distance” icon at top of page and using your mouse click on the start and end points - a red line will appear and a distance will be posted on the right-hand side of the page.

The folks at the Yukon Energy, Mines & Resources Library are happy to help you. They can be reached by phone at 867.667.3111, by email at emrLibrary@gov.yk.ca or in person at 300 Main St., Suite 335 from 08:30 to 16:30 from Monday to Friday.