

LDARtools

IRJupiter: An Imaging Process that Makes Sense
Benefits are Clear - the Challenges are more difficult to see.
Alternative Work Practice raises many questions.
LDARtools is developing the Answers.

The Alternative Work Practice raises our hopes for an LDAR process that is more efficient, less costly, safer and more reliable. The HOPE is easy for everyone to see and appreciate. At the same time, it raises a wide variety of questions that are not so obvious – or so easy to solve.

The professionals of LDARtools, working with our clients, have started to identify and address these questions:



1. How do we determine if an LDAR component can be included in our Imaging Program?
2. How precisely do we have to define the speciation of the process at each component site?
3. How do we perform the summation calculation that determines the parameters of the Daily Instrument Check?
4. How close does the camera have to be to the component in order to collect a valid image?
5. How long (in seconds) does the stored image have to be?
6. How can we efficiently confirm that all images are captured within the allowable distance?
7. How can we efficiently confirm that all of the required components have been properly imaged?
8. How will we store the video?

Below, you can get a sneak preview of how this system can help YOU comply with the Alternative Work Practice:

These still shots (target images) are presented to the camera operator for location, identification and alignment purposes. They are taken at the time the Image Groups are defined and are a permanent part of the Image Group database.

This is the live video feed from the camera. After aligning this live video feed with the two target images, the operator confirms alignment and begins recording video – for the period of time you specify based on the number of components in each image.