



## **ODS - Optic Drone Solutions, LLC**

*"High Quality, Superior, Data Rich, Aerial Videos, Photo Images and More"*

*Inspections - Verification - Confirmation - Technical - Assistance*

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## **ODS - Optic Drone Solutions, LLC**

*Professional - Optical Drone Services*

*Sales Presentation*

### **Infrared Thermography Talking Points**

**Drone Infrared Thermography - Radiometric Thermal Imaging Capabilities - Inspections Assistance**

**We provide our Clients - Customers with Videos and Images**

**Guided by our Thermal Images for their Further Action Requirements.**

**Affiliates may have their own Personal Handheld Thermal Image Devices**

**At their use for Pin-Point Accuracy, to Determine Further Action if necessary.**

**Additional ODS Services Includes - Thermal Image Analysis - Based on our DJI Thermal Analysis Tool 3<sup>[1]</sup>**

**Software Package to Establish your Baseline History Criteria or for your Further Action**

**It Generates a Document Report Per Image and an Additional Image for Zoom & Navigation within the Image.**

**This Generated Image uses our Drone Thermal Image to Identify Surface Temperature Measurements & Differences,**

**Including all Image Embedded Information and Software Parameter Settings for all Points of Interest.**

**Example Further Actions - Additional Technical Analysis - Examinations**

**Forensic Engineering Technical Investigations - NDT/NDE type Services - Document Certifications**

**Various Scientific Methods and Techniques are Performed**

**Drone Radiometric Thermography - Radiometry**

**Level 1, Level 2 and Additional Certifications**

**Whether it is for Preventative Maintenance Schedules, Inspections or Litigation Purposes**

**There are many "Aspects" regarding Infrared Thermography Services for Examination**

**Establishing Baseline Parameters for Thermal Imaging Integrity, for Evaluation Purposes**

**Time Line Temperature History Criteria**

**Comparison - Previous Survey Data for Trending possible areas of concern**

**OEMs Operating Parameters - Normal Operating Conditions - Characteristics**

### **Example Conditions**

**Thermal readings above OEMs operating parameters, action should be taken to discover the Reason or Cause.**

**In the case of Bearings, caution should be taken not to Confuse Equipment Misalignment as a bad bearing.**

**Not necessarily an indication of a problem**

**Our Drone Thermal Camera has Remarkable Capabilities**

**Specifically its Powerful Zooming Quality for Videos and Images**

**There are many Manufacturers for Handheld Thermal Image Devices**

**Cameras and Sophisticated Software Programs for these activities.**

**As it stands at ODS, we provide our Client - Customers with Videos and Images for their Further Action**

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<sup>[1]</sup> Refer to the ODS Thermal Image Analysis Document for Additional Detailed Information