

Remote Sensing Workshop – Feb 12/13th AFTER ACTION ITEMS (CALFIRE)

1. Establish ICS Types for all Mapping/Remote Sensing Aircraft

In order to better utilize these resources we need to think of them in the same standard format as any other resource available in ROSS. In order for this to happen, we recommend that CAL Fire take an active role in pushing this through FIREScope and NWCG .

During the lag-time for this to happen we should use a proposed draft, such as the example attached, to assure that these resources are entered into the FOG, ERD, and Mob Guides.

2. Streamline and standardize Mapping/RS aircraft ordering procedures

CAL FIRE should take the Remote Sensing and GIS Ordering and Coordination issue to FIREScope/NWCG in order to get the function integrated into standard operations within the MACS and across ALL the GACCs.

We should define the process for GACC, SOC, and NIFC level resources orders.

3. Internal Training for items 1 & 2

Training for:

MACS, GACCs, Unit ECCs, Type I, II, & III ICs, OSCs, PSCs, SITLs, FBANs , and AMU

The lack of information for what is available, in addition to unclear ordering procedures, results in the delayed, reduced, or inefficient use of remote sensing aircraft. This training and information should also be included in all relevant ICS classes.

4. CAL Fire RS Platform

Partner with NASA, USFS, Industry, or CNG to create a CAL FIRE immediate need platform to gather remote sensing data. i.e. An aircraft that can download infrared and imagery to any remote users laptop that is available on all average bad fire season days for immediate need and available on call back on all other days for any type of emergency. This aircraft would be available for extended attack fires before ICT deployment and would not rely on CAL Fire Aircraft that would be needed for operational missions such as troop transport, HelCo and water dropping.

NASA's stated that some of their current technology is availability to be transferred or sold to an interested party. Phil Rigger with the USFS PSW Firemapper program stated that he is very interested in partnering with any agency that can get his sensors over more fires. We recommend that management be informed of this possibility and encourage them to authorize a feasibility study to determine the true cost of the hardware, aircraft, support personnel required to make this capability internally available to our Department.

NASA also wishes to discuss with CAL FIRE the possibility of establishing a “pre-fire season RS availability meeting” to discuss what platforms, sensors and associated assets they can provide for the upcoming fire season and to establish ordering protocols and SOP between NASA and CAL FIRE/OES.

More findings to support these priorities will be documented and submitted to you as soon as possible.