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| **Incident Name:**  Castle SQF Complex  Incident #: CA-SQF-002541 | **IR Interpreter(s):**  Cameron Rodriguez  Mark Zaller | **Local Dispatch Phone:**  559-781-5780 | **Interpreted Size:**  178,560 Acres  **Growth last period:**  6,585 Acres  \* see comments below |
| **Flight Time:**  0045 PDT  **Flight Date:**  20201029 | **Interpreter(s) location:**  Columbia. CA  **Interpreter(s) Phone:**  619-922-9561 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **Phone:**  505-842-3845 |
| **Ordered By:**  Bryan Vergne  619-733-8112 | **A Number:**  A-605 | **Aircraft/Scanner System:**  N77HS/TK-7 | **Pilots/Techs:**  Lauren White  Kris Albrecht |
| **IRIN Comments on imagery:**  IMU needed to be reset and recalibrated upon arriving. First southern flight line was off a little, but detailed geo reference correction in ESRI brought the whole fire to good geo-reference accuracy. Imagery itself was clear and mapped well. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  20201029 0100 PDT | | **Type of media for final product:**  Shapefiles, KMZ files, maps, IRIN log  **Digital files sent to NIFC ftp:** [**https://ftp.nifc.gov/public/incident\_specific\_data/calif\_s/!2020\_Incidents/CA-SQF-002622\_SQF%20COMPLEX/IR/NIROPS/20201029/**](https://ftp.nifc.gov/public/incident_specific_data/calif_s/!2020_Incidents/CA-SQF-002622_SQF%20COMPLEX/IR/NIROPS/20201029/)  **Emailed to: brian.vergne@usda.gov**  [sgbrown@sandiego.gov](mailto:sgbrown@sandiego.gov)  [phillip\_dye@firenet.gov](mailto:phillip_dye@firenet.gov) | |
| **Date and Time Products Delivered to Incident:**  20201029 0300 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  **Southern perimters were not active. The western half of the fire had active fire on the NorthWest perimeter but not a lot of growth. The Eastern half had activity on its' northern perimeters but less than the West with the exception of one NorthWest penninsula that grew to the North. The Rattlesnake fire's sourthern edge was the most active of anywhere and grew the most of anywhere, to the South. Upper northern part of Rattlesnake was not mapped.**  **A new perimeter was received from the team that would not load easily into ESRI. It was different in many places than the previous day's NIROPS perimeter, and had to be brought in separatly to trace all edges, islands and spots into an editable perimeter.**  **\* Due to the above differences in perimeters, much of the acreage change is not due to fire growth, but is the differences of the two perimeter and closing inlets.** | | | |