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| **Incident Name:**  Helena Fire | **IR Interpreter(s):**  Kyle Felker | **Local Dispatch Phone:**  530-226-2400 | **Interpreted Size:**  21,5  **Growth last period:**  22 Acres |
| **Flight Time:**  2324 PDT  **Flight Date:**  2017/10/14 | **Interpreter(s) location:**  Quincy CA  **Interpreter(s) Phone:**  530 251-6112 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  SHF | **A Number:**  118 | **Aircraft/Scanner System:**  N-144z/Phoenix | **Pilots/Techs:** N144Z Flight Crew Pilot: Johnson  Pilot: Nelson  Tech: Kaz |
| **IRIN Comments on imagery:**  There were no issues with the imagery | | **Weather at time of flight:**  Clear | **Flight Objective:**  Heat perimeter and detection |
| **Date and Time Imagery Received by Interpreter:**  2017/10/14 @ 2344 PDT | | **Type of media for final product:**  Shapefile, KMZ, and GeoPDF  **Digital files sent to:**  http://ftp.nifc.gov/incident\_specific\_data/calif\_n/!2017%20FEDERAL\_Incidents/CA-SHF-001770\_Helena/IR/ | |
| **Date and Time Products Delivered to Incident:**  2017/10/15 @ 0100 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  **IR Flight Box**: is adequate to capture growth  **Starting Perimeter** was created from  *20171013\_2021\_Helena\_HeatPerimeter*  ***Heat Perimeter***: 1,000 Feet until fires to merge—still. Continues to eat away into Gwin Gulch  ***Intense*** ***Heat:*** None mapped  ***Scattered Heat:***  None mapped  ***Isolated Heat*** : All heat signature’s identified  Comments, or suggestions to help improve the IR products (and my skills) are welcome. Thank you.  Kyle Felker  Infrared Interpreter  Calif IR Regional Coordinator/GACC IR Liaison  mapit400@gmail.com  530 251-6112  All my maps are Geo referenced. They will work in all smartphones. | | | |