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| **Incident Name:**  Helena Fire | **IR Interpreter(s):**  Kyle Felker | **Local Dispatch Phone:**  530-226-2400 | **Interpreted Size:**  21,690  **Growth last period:**  71 Acres |
| **Flight Time:**  2052 PDT  **Flight Date:**  2017/10/17 | **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:**  123 | **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:**  2017/10/17 @ 2130 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:**  2017/10/17 @ 2400 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  **IR Flight Box**: is adequate to capture growth  **Starting Perimeter** was created from  *20171016\_2157\_Helena\_HeatPerimeter*  ***Heat Perimeter***: 58 Feet until fires merge—. Continues to eat away into Gwin Gulch. Also had heat on the north side of Gwin Gulch.  ***Intense*** ***Heat:*** Working towards Gwin Gulch.  ***Scattered Heat:***  ***Isolated Heat***: All heat signature’s identified Had heat on the north side of Gwin Gulch.  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. | | | |