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| **Incident Name:**Helena Fire | **IR Interpreter(s):**Brian Banks | **Local Dispatch Phone:**530-226-2400 | **Interpreted Size:**21,848**Growth last period:** 2 Acres |
| **Flight Time:**2047 PDT **Flight Date:**2017/10/24 | **Interpreter(s) location:**Morrison, CO**Interpreter(s) Phone:**720-352-6793 | **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:**129 | **Aircraft/Scanner System:**N-144z/Phoenix | **Pilots/Techs:**N144Z Flight CrewPilot: JohnsonPilot: NelsonTech: Woody |
| **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:**2017/10/24 @ 2337 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/20171025 |
| **Date and Time Products Delivered to Incident:**2017/10/23 @ 0230 PDT Shapefiles0315 Maps |
| **Comments /notes on tonight’s mission and this interpretation:****IR Flight Box**: is adequate to capture growth**Starting Perimeter** was created from *20171023\_Helena\_HeatPerimeter****Heat Perimeter***: No significant change.***Intense*** ***Heat:***  No intense heat detected. ***Isolated Heat***: Isolated heat pockets detected on the north and central parts of the perimeter. There are 2 isolated heat sources on the south end of the perimeter that are near development that may be unnatural heat. ***Scattered Heat***: Scattered heat detected in the central section of the perimeter where it narrows down.  |