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| **Incident Name:**  American Fork  MT-HLF-005087 | **IR Interpreter(s):**  Nate Yorgason | **Local Dispatch Phone:**  Great Falls (406-753-5300) | **Interpreted Size:**  20,187 Acres  **Growth last period**  438 Acres |
| **Flight Time:**  2204 MDT  **Flight Date:**  8/14/21 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  435-590-1107 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  406-529-6366 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  MT-HLF  406-868-7926  SITL: Chris Sharpton  828-989-7000  chris.shaprton@firenet.gov | **A Number:**  A-54 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Tech: Rob N. |
| **IRIN Comments on imagery:**  Color imagery on both passes was very clear.  Good orthorectification. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  8/14/21 @ 2300 MDT | | **Type of media for final product:**  Shapefile, .kml file, maps and IR log  **Digital files sent to:**  ftp/incident\_specific\_data/n\_rockies/2021\_fires/2021\_AmericanFork/IR/20210815 | |
| **Date and Time Products Delivered to Incident:**  8/15/21 @ 0015 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**   * Started with perimeter provided in NIFS AGOL. Data pulled on 8/14/21 @ 1900 MDT, using IRWINID {332821CE-83A6-4E9D-B8B3-2709B9C86586}. * The fire grew by approximately 438 acres primarily near the forest boundary north of Lodgepole Creek and moving west toward Dugout Creek. There was also some growth of the large spot moving Northeast in the Lebo Fork drainage. Both of these areas were mapped as intense heat areas. * Current perimeter acre total was calculated at 20,187 using the NAD83 UTM Zone 12 and the create geometry tool. * Scattered heat is primarily located adjacent to the Intense heat areas where perimeter growth is occurring. * Center interior has little heat with most of the isolated heat occurring on the western portion of the fire and a little on the far east side of the fire. | | | |