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| **Incident Name:**American ForkMT-HLF-005087 | **IR Interpreter(s):**Chad Horman | **Local Dispatch Phone:**Great Falls (406-753-5300) | **Interpreted Size:** 14,325 Acres**Growth last period** 4,751 Acres |
| **Flight Time:** 1925 MDT**Flight Date:**7/29/21 | **Interpreter(s) location:**Cedar City, UT**Interpreter(s) Phone:**435-592-5175 | **GACC IR Liaison:**Tim Stauffer**GACC IR Liaison Phone:**406-529-6366 | **National Coordinator:**Tom Mellin**National Coord. Phone:**505-301-8167 |
| **Ordered By:**Thomas Barrett478-550-6372 | **A Number:**A-33 | **Aircraft/Scanner System:**N350FV/Tenax | **Pilots/Techs:**Pierce |
| **IRIN Comments on imagery:**West quarter of the imagery didn’t stich together all well as the rest of the image. Both passes had the same issue. Orthorectification was good. | **Weather at time of flight:**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:** 7/28/21 @ 2130 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/20210729 |
| **Date and Time Products Delivered to Incident:**7/29/21 @ 0230 MTD |
| **Comments /notes on tonight’s mission and this interpretation:*** Started with incident provided perimeter from NIFS 07/29/2021 @ 2047 MDT
* The last IR flight was on July 26th. During that time the fire should a significant increase in growth. Perimeter acreage increased 4,751 acres for a total of 14, 325 acres.
* Primary areas of perimeter expansion was on the west and southwest flanks. In the two days since the last IR flight the perimeter extended about 3.25 miles.
* The fire has not burned into Shields River. It is about 0.3 miles south of it.
* Perimeter has extended across Fawn. Turkey, Seafield, Clear and Buck Creeks. The Shields River Road is within the recent perimeter expansion.
* There is intense heat throughout the recent perimeter increase on the west and southwest flanks.
* There is large amounts of scattered heat and isolated heat sources are throughout the burn area.
* There are a few spot fires along the west flank and one along the southeast corner of the fire.
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