**Exercise 2 Briefing**

**Goodwin Fire Prescott NF, AZ**

**Cause:** Unknown **Start:** June 24, 2017

**Background:**

The Goodwin Fire burned 28,516 acres of chaparral and ponderosa pine in 16 days between June 24 and July 10 on the Prescott National Forest. Managers used a full suppression strategy as the fire threatened 1,400 residences and necessitated the evacuation of 9,000 citizens. A Type 1 IMT was assigned to the fire.

The previous night’s IR flight showed growth to the south and east. Winds have increased from the southwest, and relative humidity has dropped to the single digits. The fire is rapidly moving toward the northeast and the community of Mayer is under mandatory evacuation. Highway 69 has been closed. Fuels include ponderosa pine and chapparal.

Final acreage was 28,516. Cost of containment approx. $15 million, 17 single residences were damaged or destroyed, 19 other structures lost.

**Assignment for this Exercise:**

1. Map fire perimeter
2. Locate any heat outside of the main fire perimeter
3. Map areas of intense heat, scattered heat and isolated heat

**Desired Output Products:**

Shapefiles, PDF map, IRIN log and KMZ file

Scanner order (**Incident #** AZ-PNF-000904, **P#** P3K2YF, **Override #**0309)

**Files Provided for This Exercise:**

 Base Data (NAD83, UTM Zone 13):

 1:24,000-scale DRG (PBS\_GeoTiff1.\*)

 NAIP imagery (resampled to 2 meters), NAIP2015\_CONUS1.\*

 Previous IR perimeter from 06/27/17 at 0230 hrs. MST

 Phoenix Data:

170627\_2201\_Goodwin\_\*\_ortho.tif 170627\_2201\_Goodwin\_\*\_color.tif

170627\_2201\_Goodwin\_RawHeatData.shp