

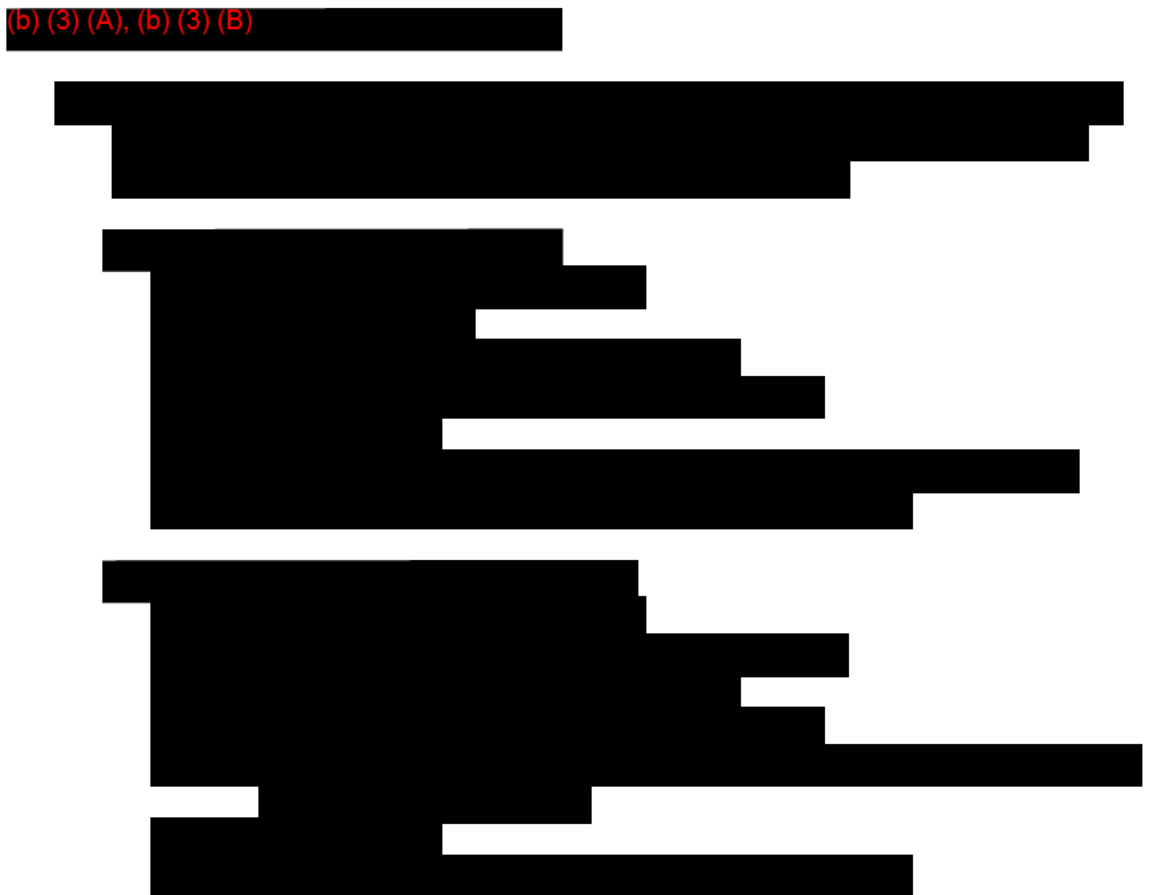
## **NAS Operational Capability for Detection of Other Aircraft Description**

### **NASA DFRC Ikhana Local Area UAS COA Application Attachment**


NASA Dryden Flight Research Center (DFRC) has procured from General Atomics – Aeronautical Systems Incorporated, an MQ-9 Reaper aircraft and a Ground Control Station (GCS). DFRC has assigned the number “NASA 870” to the aircraft and renamed it “Ikhana” (pronounced ee-kah-nah, a Native American word from the Choctaw Nation meaning intelligent, conscious, or aware).

This attachment is intended to describe the NAS Operational Capabilities of Ikhana to detect other aircraft during Local Area operations.

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