

Electronic 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 Ikhana capabilities to detect other aircraft in the NAS. See also the attachment: NASA Ikhana Local Area - Electronic Surveillance-Detection Attachment.

(b) (3) (A), (b) (3) (B)

