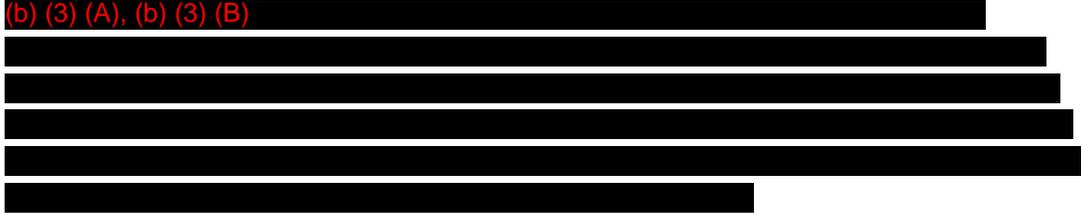


Flight Operations Area/Plan
NASA DFRC 2009 GloPac Mission
UAS COA Application Attachment

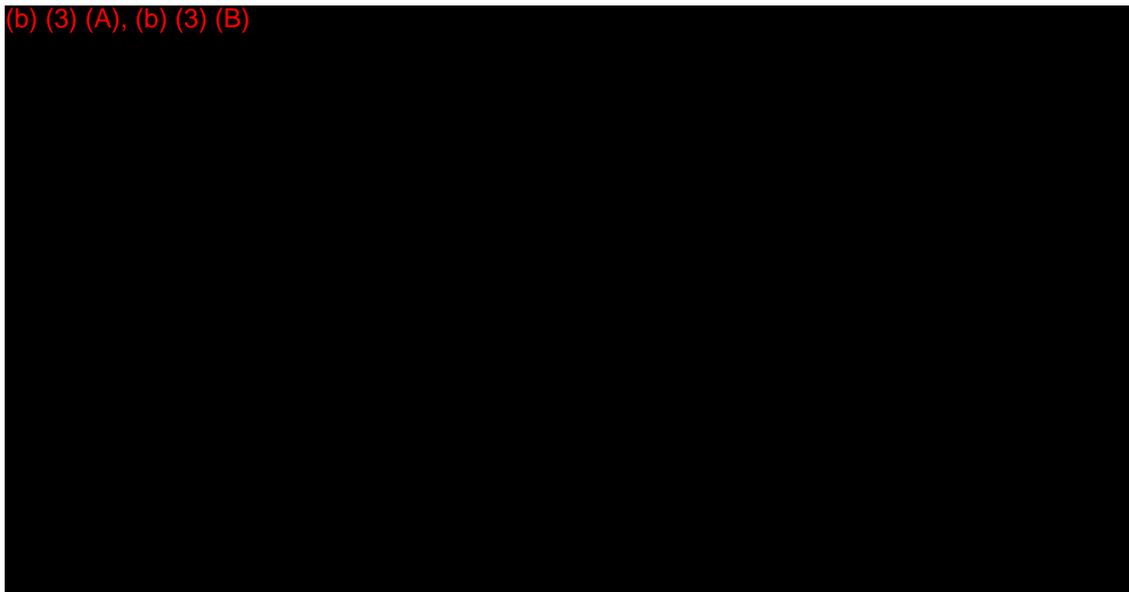
(b) (3) (A), (b) (3) (B)

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

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

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Pacific Ocean Flight Tracks: Flight tracks in the Pacific Ocean will be bounded within the Oakland Oceanic Flight Information Region (FIR) and include Honolulu Center. Flights in the vicinity of the Hawaiian Islands will be requested. A primary objective for GloPac flights is to validate Aura satellite measurements by having the Global Hawk travel along or near the satellite ground track. Specific flight tracks will vary depending on the Aura satellite track, which varies daily. Pre-coordination of flight tracks will be conducted with all involved ATC organizations. Execution of ‘dip’ maneuvers will consider flight traffic and air routes.



Arctic Flight Tracks: A minimum of one flight will be conducted in the Arctic (above 80°N latitude). This area is bounded within the Anchorage Oceanic, Continental, and Arctic FIRs. The Global Hawk will transit over the Pacific Ocean and the state of Alaska. Detailed mission and contingency planning along with hazard and risk analysis will be conducted for the over-flight of Alaska that utilizes Global Hawk mission plans that have already been conducted in this airspace. This route will be optimized to avoid population areas and keep the aircraft within glide distance of either special use airspace or the ocean.

