

CONTAINERS FOR AERIAL DRONE TRANSPORT OF MATERIALS, OBJECTS, OR PRODUCTS

ABSTRACT

A container for aerial drone transport includes a main body; a lid; a plurality of aerial drone grip elements organized in an aerial drone grip configuration; a plurality of visual aerial drone orientation markers carried by at least one external surface at predetermined locations relative to the plurality of aerial drone grip elements, which define a pickup orientation; and a first machine-readable code indicating a container serial number, container dimensions, weight carrying capacity, and/or the aerial drone grip configuration. The container can also include a second machine-readable code indicating a target aerial drone delivery address. The container can include an RFID tag, and possibly a sensing unit configured for sensing one or more types of signals. The container can be securely closed by closure mechanisms, including an elastic band structure having knob elements that can be inserted into and securely retained by aperture structures having two different cross-sectional areas.