

Skills Assessment

- ☐ Demonstrate effective use of the Flight Risk Assessment Tool (FRAT) checklist.
- ☐ Demonstrate effective use of operational checklists for aircraft, including pre-, during-, and post-flight elements.
- ☐ Crew resource management (e.g., briefing & use of visual observers).
- ☐ Demonstrate situational awareness during an entire mission.
- ☐ Perform basic flight maneuvers demonstrating competence in flight, including ...
 - ☐ Takeoff & landing, including flight control checks after takeoff
 - ☐ Vertical box, with aircraft in any number of orientations (e.g., rotating 90 degrees on each leg)
 - ☐ Horizontal box, with aircraft in any number of orientations (e.g., always facing the inside of the box)
 - ☐ Multi-dimensional movement, such as moving vertically and laterally at the same time, circling oneself (or an object) while keeping the camera focused on you (or the object), tracking something like a road while facing perpendicular to the road and maintaining distance from road (i.e., flying sideways at a consistent distance from a linear object).
 - ☐ Complete a simple photographic mission (e.g., photograph a set of objects in a particular sequence)
- ☐ Provide reasonable actual responses to hypothetical emergency scenarios (e.g., one of your visual observers calls out that a hawk is flying toward your aircraft).
- ☐ Provide reasonable oral responses to potential emergency scenarios.