

Apple Valley Flyers: Site Operating Rules

(14 Wing Greenwood Peripheral Zone)

1. Purpose & Authority

These rules govern all Remotely Piloted Aircraft System (RPAS) operations at the **Apple Valley Flyers** field. This site operates within a **0.5nm "operational bubble"** centered at **44.983414°**, - **064.917045°**, located on the periphery of the **14 Wing Greenwood (CYZX) 7nm Class D Control Zone**.

- **Operational Agreements:** These rules are established in accordance with the **Memorandum of Understanding (MOU)** and the **Letter of Agreement (LOA)** negotiated directly between the **Apple Valley Flyers** and the **14 Wing Control Authority**.
- **MAAC Certification:** This document, along with signed copies of the MOU/LOA, provides the basis for the **MAAC Site Operating Certificate (SOC)**.
- **Regulatory Status:** This framework allows members to operate under **Basic** regulatory requirements within the defined bubble, provided all safety boundaries and notification protocols established in the LOA are maintained.

2. Pilot & Aircraft Requirements

- **Certification:** All pilots must hold, at minimum, a valid **Transport Canada Pilot Certificate – Basic Operations**.
- **MAAC Membership:** Pilots must maintain a current **MAAC membership** and always follow the MAAC Safety Code.
- **Registration:** All aircraft over 250g must be registered with Transport Canada and clearly display their registration number.

3. Airspace Boundaries (The "0.5nm Bubble")

- **Lateral Limits:** Flight is strictly confined to a **0.5nm radius** centered on the coordinates **45.044872**, **-64.788631**. Pilots are responsible for ensuring no part of the flight path exits this bubble toward the 14 Wing aerodrome.
- **Vertical Ceiling:** The maximum altitude is **400 feet AGL**. This ceiling is mandatory to ensure vertical separation from military and private civilian aircraft transitioning through the area.
- **Visual Line of Sight:** All operations must be conducted within Visual Line of Sight (VLOS).

4. Manned Aircraft Awareness (Military & Private)

- **Absolute Right of Way:** Manned aircraft always have the right of way. This includes RCAF military assets (e.g., CP-140 Aurora, CH-149 Cormorant) and private aircraft from the **Freedom Aviation Society** transitioning to or from the base.
- **Auditory Vigilance:** Pilots must listen for approaching aircraft. If an engine is heard or a plane is spotted, all RPAS pilots must **immediately reduce altitude to a safe, very low level** (e.g., below the tree line) or land until the manned aircraft has clearly cleared the area.
- **Spotters:** The use of a visual observer (spotter) is strongly encouraged to assist the pilot in monitoring for low-flying traffic 7nm from the runway.

5. Emergency "Fly-Away" Procedure

In the event of a lost-link or "fly-away" where control of the aircraft is lost and it exits the 0.5nm bubble toward the 14 Wing Control Zone, **both** of the following contacts must be notified immediately:

1. **14 Wing Tower:** Call **902-765-1494 ext. 3205**
2. **Wing Operations:** Call **902-765-1494 ext. 5457**

When reporting, state:

- **Location:** Apple Valley Flyers Field, Aylesford (7nm **East** of the base).
- **Status:** Aircraft type, last known heading, altitude, and estimated remaining battery or fuel life.

6. Site-Specific Safety

- **Failsafes:** All aircraft capable of programmed "Return to Home" or "Cut-Throttle" failsafes must have them configured and tested.
- **Public Safety:** No flight shall occur over spectators, moving vehicles, or any persons not directly involved in the flight operation.

Approved By:

Club President, Apple Valley Flyers

Date: _____

Club Safety Officer, Apple Valley Flyers

Date: _____