

## Operations and Safety Procedures

This document provides detailed operational and safety procedures for both residents and visitors at Aquila Airpark.

### YAQA Guide for Visiting Pilots

For a safe and compliant experience at Aquila Airpark, adhere to these essential steps:

- Mandatory use of VHF radio and CTAF frequency 126.55 MHz for all aircraft; radio calls are required per CASA guidelines to communicate location, intentions, and safety checks.
- Strictly adhere to designated circuit patterns and flight paths to avoid disturbance to nearby residents. Deviating from these paths could result in community complaints or restrictions.
- Observe all runway procedures: use landing lights when taxiing, follow proper takeoff/landing directions based on wind, and be vigilant of other aircraft.
- During refueling, ensure the aircraft is grounded to prevent static electricity buildup. Review the full manual for proper grounding techniques and spill containment requirements.
- Commercial flight operations are prohibited. Recreational and personal flights only.

#### 1. Airpark Safety

- Obey all safety protocols and instructions issued by management. Frequent non-compliance can result in restricted access to the Airpark facilities.
- Children must always be under adult supervision on the airstrip. This reduces potential hazards between aircraft, vehicles, and pedestrians.
- Operate aircraft engines only in designated areas with safety measures in place. This includes securing the aircraft with chocks and tie-downs, and never leaving an engine running unattended.
- Dispose of all maintenance waste, including oils and used parts, properly to prevent contamination and fire hazards. Follow local waste disposal guidelines for hazardous materials.

#### 2. Flight Safety

- Avoid operating any aircraft under the influence of alcohol or drugs within eight hours before flight. This rule is aligned with CASA safety regulations to ensure pilot fitness.
- File a flight note or inform a responsible party of your route and expected return if traveling beyond 50 nautical miles. This precaution enhances search and rescue response if needed.
- Review all NOTAMs before each flight. These notices contain crucial updates about airfield conditions, hazards, and other relevant flight safety information.

#### 3. Taxiing and Shared Accessways

- Aircraft have right of way on all shared accessways. All drivers and pedestrians should stay alert and yield appropriately.
- When entering or leaving shared accessways, pilots should announce their intentions on the designated radio frequency (126.55 MHz) to alert others in the vicinity.

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- All aircraft equipped with landing or taxi lights should use them when moving along shared accessways, especially during low-light conditions, to improve visibility for others.
- Pilots and drivers should make eye contact or use hand signals when crossing paths, ensuring mutual awareness of each other's position and intent.
- Aircraft and vehicles should maintain at least 10 meters of separation when moving along shared accessways. Both operators must be vigilant to avoid close encounters.
- When taxiing, pilots must stay on designated paths and avoid sharp turns. Clear and consistent positioning helps drivers and pedestrians anticipate aircraft movements.
- Aircraft should taxi at the minimum power necessary and at a controlled pace, no faster than a walking speed. This helps maintain control and reduces potential risks in shared spaces.
- Aircraft have right of way on all shared accessways. All drivers and pedestrians should stay alert and yield appropriately.
- Taxi at a controlled, slow pace (no faster than a fast walk) to ensure safety for nearby pedestrians and vehicles.
- Make appropriate radio calls when entering or leaving the airstrip to notify others of your intentions and prevent collisions or miscommunication on shared routes.

## 4. Communications

- All pilots must follow CASA guidelines when making radio calls on the Airpark's frequency, 126.55 MHz. Proper radio communication helps avoid misunderstandings in flight patterns and ground movements.
- A Radio Operator's Certificate or Radio Rating is required to legally operate a VHF radio. This certificate ensures that the operator has been trained in proper radio protocol and can communicate effectively.

## 5. Circuit Procedures

- Standard circuit pattern altitude is 1000 feet AGL, unless operational requirements necessitate a different altitude.
- When flying at non-standard altitudes within the circuit, clear and timely communication on the designated frequency (126.55 MHz) is essential. This ensures all pilots are aware of altitude variations and can adjust accordingly to maintain safe separation.
- Adhere strictly to the designated circuit patterns and fly left-hand circuits for all runways. Circuit patterns reduce air traffic congestion and improve safety.
- Avoid direct (straight-in) approaches to the runway; join the circuit at midfield crosswind or downwind as per the CASA VFRG (Visual Flight Rules Guide). This allows for clear traffic management and aligns with standard safety procedures.
- Minimise noise and disruption by avoiding low-level flight near residential areas unless required for safety. Maintain at least 1000 feet AGL where possible.
- Departures – Maintain runway heading until reaching 500ft AGL
- Mid-Field Departures are not recommended

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## 6. Guest, Child, and Animal Policies

- Guests are welcome but must be accompanied by a resident and briefed on all the Airpark rules. Residents are responsible for ensuring that their guests adhere to all safety procedures.
- Children should only access the airstrip under adult supervision, ensuring safety around operational aircraft.
- Pets are not permitted on the airstrip without prior consent from management. Service animals (e.g., guide dogs) are exempt but should be handled with care around aircraft.

## 7. Fly Neighbourly Policy

- To minimise noise disturbance to surrounding residents, all pilots are encouraged to adhere to the Fly Neighbourly Policy when operating at the Airpark.
- When possible, avoid low altitude flying over residential areas. Maintain a minimum altitude of 1000 feet above ground level (AGL) in these zones, except for takeoff, landing, or when operational requirements dictate otherwise.
- Avoid high-power settings and abrupt throttle changes over residential areas to reduce noise levels.
- When feasible, fly at reduced power and avoid direct overflight of residences to further decrease noise impact.
- Limit repetitive circuits or maneuvers over residential zones to reduce noise accumulation.
- Use designated flight paths and circuit patterns to avoid unnecessary overflight of residential properties.
- Inform management of any planned non-standard operations or unusual flight patterns that may affect the noise environment.

For a comprehensive view of Aquila Airpark's safety policies, please refer to the full Aquila Airpark Operations and Safety Manual. This manual is available for all residents and visitors upon request.