

SECTION 2.3 AERIAL APPLICATION RATING AND ENDORSEMENTS

Unit 2.3.1 AAGR: aerial application rating – all aircraft categories

1. Reserved

2. Flight rules

2.1 Legislation

- 2.1.1 Explain the privileges and limitations of an aerial application rating.
- 2.1.2 State the responsibilities for supervision of a pilot where required.
- 2.1.3 State the requirements for the conduct of aerial application operations below 500 ft AGL, including pilot responsibilities.
- 2.1.4 Explain pilot responsibilities for carrying out the following in relation to role equipment that is fitted to an aircraft:
 - (a) repairs;
 - (b) replacement;
 - (c) overhauls.

3. Operational planning

3.1 Pre-flight and after-flight inspection

- 3.1.1 Describe the areas of the aircraft that should be inspected to ensure the safety of aerial application operations.
- 3.1.2 Describe inspection and flight preparation of aircraft exposed to outside parking and harsh environmental conditions (for example, wing and control surfaces exposed to freezing conditions, engine, battery care, etc.).
- 3.1.3 Explain inspection requirements for aircraft role and equipment, including secure fittings of booms, spreader, hoses, pumps and operations of the dump equipment.
- 3.1.4 Explain fuelling procedures, including drum stowage, use and care of pumps, fuel testing, use of safety equipment/fire extinguishers, vehicle positioning and fuel quantity checks.

3.2 Operational inspections

- 3.2.1 Explain operating area inspection methods and purpose.
- 3.2.2 Explain limitations of ground inspections.

4. Flight between airstrip and operating area

- 4.1.1 Explain the low-flying restrictions, planning notice, precautions and procedures with respect to overflying or in close proximity to buildings during aerial application operations, including stating the required safety distances and minimum height from buildings.

5. Operations on, or in vicinity of, non-controlled and controlled aerodromes or airstrips

- 5.1.1 State restrictions and conditions on aerial application operations at aerodromes with movements of regular public transport aircraft.
- 5.1.2 Explain the circuit requirements at various types of aerodromes and ALA, including conditions applying to exemption from compliance with CASA notified procedures.

5.2 Aerial inspection

- 5.2.1 Explain the method and purpose (i.e. how and what are you looking for).
- 5.2.2 Explain key considerations for operations between airstrip and the treatment area and for general low-level navigation.
- 5.2.3 Describe how to locate and plan for the management of obstructions and ground undulations from the air.