

Drones in ARTC.

Modern day methods are allowing Drones to be used on Rail worksites.

The use of Drones are planned and assessed by ARTC.

The POs will be responsible for recording the details for the use of the Drone in the Worksite Protection Plan as part of the Pework Brief, this must be briefed to the workers.

See details below.

Key Requirements		
EPP-00-01 Section 10	Protection Officer Responsibilities Within ARTC rail corridors, the Protection Officer has ultimate responsibility for the safety of the worksite, inclusive of the drone operations. If the Protection Officer becomes concerned that worksite safety may be compromised by the drone operations, they have the authority to suspend drone operations until worksite safety can be re-established.	
EPP-00-01 Section 9.3	Worksite Protection Plan In the event of an incident involving a drone, investigators will need to establish that the drone flight was adequately planned. All drone flights for an ARTC or third-party purpose over the rail corridor are to be planned and risk assessed, with the details recorded in the Worksite Protection Plan and briefed as part of the Pre-Work Brief. If the flight is intended to be conducted in a shutdown, and no Work Group will be near the intended flight path, the flight details need only be recorded in the drone logbook as set out in Section 7.2. In all cases, the CASA limit of not flying any drone within 30m horizontal distance of people not involved in controlling the drone must be adhered to, with one exception. If the drone is planned to be flown between 15m and 30m horizontal distance of people who are not controlling the drone, this needs to be added to the Worksite Protection Plan and signed by each person who will be near the drone as part of the Pre-Work Brief. Risks associated with distracting Work Groups need to be assessed and controlled. Flights of Very Small RPA and Micro RPA can be undertaken at any reasonable distance from people that are protected from being struck by the drone by reason of them being in a train, other enclosed vehicle or building/structure.	

