



National Resource Sharing Centre

Aerial incendiary equipment operator

Functional Area

Operations

Core Capability Area

Aviation

Role Summary

The aerial incendiary equipment operator prepares, operates and maintains aerial ignition equipment in an aircraft.

The aerial ignition equipment is used to drop incendiary devices from a rotary wing (and occasionally fixed wing) aircraft as part of aerial ignition operations.*

Because of the risks involved, aerial ignition operations must be conducted in accordance with an approved burn plan or incident action plan and the ignition sequence and intervals planned and monitored.

* These missions may involve fire response, however in the interest of maintaining an inclusive, all-hazards approach, it is necessary to emphasise the vital role that aviation positions such as these can play in combatting severe weather events of all kinds. It is also necessary to highlight the contemporary emerging shift in staffing to rely on those personnel from supporting agencies who may not have an express need to hold any fire training. In this way, personnel from wider supporting agencies can engage in key roles that allow them to use their expertise where it is most beneficial.

Key duties

The aerial incendiary equipment operator:

- prepares for aerial ignition operation.
- prepares equipment for operations.
- conducts aerial ignition operations.
- services, maintains and stores ignition equipment according to agency procedures.

Reporting Arrangements

Reports to

Incendiary operations supervisor.

Direct reports

No direct reports.

Role Considerations

An Aerial incendiary equipment operator must hold a statement of attainment in:

- PUAFIR008 Operate aerial ignition equipment in an aircraft (40 hours).

AFAC EMPS Credentials

The following AFAC EMPS credentials are relevant to this role:

- None

Fitness or Other Standards

The following fitness or other standards are applied by AFAC member agencies to persons undertaking this role:

- subject to an agency endorsement period of 14 months.

Please note, this role type has been developed in tandem with the Fire and Emergency Aviation Training and Assessment Framework (2020), therefore references will focus on fire response. However, in the interests of pursuing an 'all hazards' approach to incident management, it is necessary to highlight that the above is not an exhaustive list, and personnel may undertake these duties in responding to events entirely separate from fire response. To this end, key duties and training may vary depending on unique incidents that these resources are deployed in response to.

Additionally, it is necessary to note that there may arise a need for personnel with experience in a variety of aircraft and qualifications or awareness that are not listed within the NPC. Examples include remotely piloted aircraft systems (RPAS) and associated skills and experience such as Remote Pilots Licences (RePL), extended visual line of sight (EVLOS), and night visual line of sight (NVLOS).

In so doing, this outcome aims to reflect the descriptive nature of National Position Catalogue templates, serving as a framework from which agencies can springboard into specific events and responses.

References

- *Fire and Emergency Aviation Training and Assessment Framework (2020)*