



OPERATIONAL CIRCULAR 03/2020
D12919

JANUARY 2020

**COMMENCEMENT OF STRATEGIC AERIAL RECONNAISSANCE AND
SURVEILLANCE LINESCAN SERVICE**

To complement the existing rotary wing aerial remote sensing capabilities, DFES has procured a seasonal high altitude infrared linescan service. FIRESCAN-125 comprises a multi-spectral infrared linescan sensor mounted in a Beechcraft Kingair 200 aircraft registration VH-LAB. The service commenced on 20th January and has completed its integration into the DFES fleet and intelligence systems and will remain on contract for 90 days.

Aircraft Role

FIRESCAN-125's primary role is to establish and maintain strategic situational awareness of regional incidents that require wide-area reconnaissance and surveillance. Specific tasks for which FIRESCAN-125 is suitable are:

- Fire/Flood surveillance & reconnaissance (mapping);
- Marine emergencies / Oil spill response (mapping);
- Search and Rescue (SAR) – visual search; and
- Special transport (cargo only, requires release from intelligence services).

FIRESCAN-125 is based at Jandakot Airport, available from 10:00hrs -22:00hrs daily. The aircraft is typically at a normal readiness of 120 minutes notice although this can be shortened to 30 minutes notice when required.

Tasking

FIRESCAN-125 support can be requested through the State Operations Air Desk (SOAD) using the [ADF 02 Aerial Linescanner Request Form](#) available on-line at:

Operations Capability > [Aviation Services](#) > Forms > State Operations Air Desk.

Requesting officers should provide general target information including:

- ☐ coordinates of the known extremities of the incident/s to be mapped;
- ☐ preferred timing for the delivery of imagery; and
- ☐ target/incident prioritisation if more than one.

For other than mapping imagery tasks, requesters should first liaise with the State Duty Aviation Officer to confirm FIRESCAN-125's suitability for the task.

Target Audience: All Operational Personnel.				
A	B	C	D	Vol
O.I.C. is to communicate content to all relevant personnel under their command, discuss implications, and sign appropriate box above. Circulars shall be filed on station and forwarded to Information Resources at the end of each financial year.				
OC-03-20	Issue Date:	Contact:	Aviation Services	
Page 1 of 2	Jan 2020	Adam.Bannister@dfes.wa.gov.au		



Distribution of Imagery

FIRESCAN-125 imagery will be distributed via email (from firescan@dfes.wa.gov.au) to the following recipients:

- stateoperationsairdesk@dfes.wa.gov.au;
- SOC.Intelligence@dfes.wa.gov.au;
- intelligence@dfes.wa.gov.au;
- sao@dfes.wa.gov.au;
- gis@dfes.wa.gov.au;
- stateaviation@dbca.wa.gov.au;
- state_situation@dbca.wa.gov.au;

The incident controlling agency owns the data produced for that incident. Further distribution of the imagery for an incident is the responsibility of the controlling agency.

Costs

Costs of DFES and LGA incidents are incurred by DFES Aviation Services. Flights for other government agencies are conducted on a cost-recovery basis.

Additional Information

- Operational tasking: DFES State Duty Aviation Officer (as per SOC Roster)
- General information on the capability can be found [here](#).

CRAIG WATERS
DEPUTY COMMISSIONER OPERATIONS

Target Audience: All Operational Personnel.				
A	B	C	D	Vol
O.I.C. is to communicate content to all relevant personnel under their command, discuss implications, and sign appropriate box above. Circulars shall be filed on station and forwarded to Information Resources at the end of each financial year.				
OC-03-20	Issue Date:	Contact:	Aviation Services	
Page 2 of 2	Jan 2020	Adam.Bannister@dfes.wa.gov.au		