



Shire of Dardanup

# APPENDICES

## BUSHFIRE ADVISORY COMMITTEE MEETING

To Be Held

Wednesday, 11 March 2020  
Commencing at 7.00pm

At

Shire of Dardanup  
ADMINISTRATION CENTRE EATON  
1 Council Drive - EATON

This document is available in alternative formats such as:  
~ Large Print  
~ Electronic Format [disk or emailed]  
Upon request.



Government of Western Australia  
Department of Fire & Emergency Services



DFES General Circular No: 001/2020

File: TR25119

6 January 2020



## eAcademy 2.0 – Now Available!

The new and improved eAcademy 2.0 is now available

For staff and volunteers with training administration roles, the existing eAcademy will continue to be available for course coordination, Trainer Assessor functions and reporting. e.g. Managers, Training Support Officers, BGU leaders, Course Coordinators and Trainer Assessors.

DFES Employees can access eAcademy 2.0 via the **Intranet > Applications > eAcademy**



DFES eAcademy

### About eAcademy

You can browse the catalogue of learning resources, apply for Pathways and courses, complete online learning modules, and access your training records and certificates.

### Supported browsers

- Google Chrome (Recommended)
- Mozilla Firefox
- Internet Explorer
- Apple Safari

Please ensure your browser is updated to the latest version for the best experience. If you are unsure which browser you are using you can find out at <http://www.whatbrowser.org>

### Who can use this system?

All DFES staff and volunteers have access to the eAcademy.

- DFES staff and contractors have access using their DFES login credentials through the DFES Intranet.
  - DFES volunteers have access using their Volunteer Portal login credentials through the Volunteer Hub.
- External personnel can contact [eAcademyhelp@dfes.wa.gov.au](mailto:eAcademyhelp@dfes.wa.gov.au) for access.

### Assistance with eAcademy

Station Officers requiring assistance with the eAcademy can refer to this quick reference sheet for information: [Instructions for Station Officers](#)

Contact details for regional training support and self-help files are available within the eAcademy.

If you require assistance accessing the eAcademy, please contact [eAcademyhelp@dfes.wa.gov.au](mailto:eAcademyhelp@dfes.wa.gov.au)

To access the training site, please [click here](#)







Volunteers can access eAcademy 2.0 via the **Volunteer Hub > My Systems > eAcademy**.

eAcademy support packs have been sent to each Regional Office. If you have any questions about eAcademy 2.0 please contact your Regional Office or the eAcademy team via email at [ecademyhelp@dfes.wa.gov.au](mailto:ecademyhelp@dfes.wa.gov.au).

**PETER CURRAN**  
A/ASSISTANT COMMISSIONER LEARNING AND DEVELOPMENT



**OPERATIONAL CIRCULAR: 06/2020**

File: D13346

**FEBRUARY 2020**

**LARGE AIR TANKER (LAT) OPERATIONS**

In response to the significant current bushfire activity across Australia, the Federal Government recently announced the additional \$20m funding for the provision of two very large air tanker (VLAT) and two large air tanker (LAT) aircraft.

On Thursday, 16 January 2020, the Hon. Mark McGowan, MLA, Premier of Western Australia and the Hon. Francis Logan, MLA, Minister for Emergency Services announced that WA's fire response capabilities would be bolstered by the addition of the new MD87 large air tanker (LAT) which arrived in Perth on Monday 20 January 2020. The addition of the LAT will provide a vital capability and an enhanced defence against bushfires in support of ground crews and in the protection of the community and assets for the 2019/20 southern bushfire season.

Contract arrangements are as follows:

- The airtanker has been contracted for an initial service period of a minimum of 50 days, with options to extend.
- The initial nominated operational base (NOB) will be RAAF Pearce Air Base with additional forward operational bases (FOB) being developed.
- Australian Defence Force (ADF) is providing support to establish the NOB including accommodation and logistical support.
- NAFC will be providing a working group of experienced LAT fire agency practitioners to provide assistance with the induction of LAT operations into WA.

**MD87 Fire Bomber Capabilities**

The MD87 capabilities for LAT operations include:

- on all occasions a LAT Air Attack Supervisor will be dispatched to integrate the aircraft into firefighting operations;
- standard retardant capacity of 11,350 litres;
- constant flow firebombing doors with the ability to split loads and vary drop patterns to achieve best outcome and drop effectiveness;
- typical footprint on coverage level 4 is 336m long and 20m wide;
- ability to take off and land fully loaded;
- two pilot operation;
- cruising speed of 800km/h;
- loaded strike range up to 1440km from operating base;
- three hour endurance;

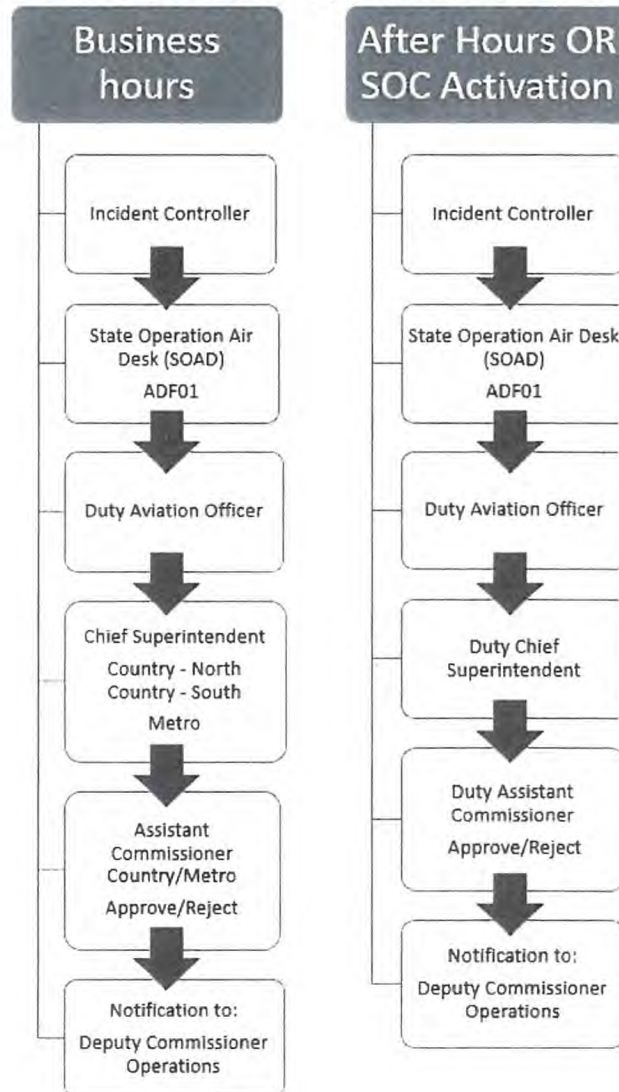
Target Audience: All DFES, LG and DBCA fire services personnel.					
A		B	C	D	Vol
O.I.C. is to communicate content to all relevant personnel under their command, discuss implications, and sign appropriate box above. Circulars shall be filed on station and forwarded to Information Resources at the end of each financial year.					
OC-06-2020	Issue Date:	Valid Until:	Contact:		
Page 2 of 2	Feb 2020	Feb 2021	<a href="mailto:adam.bannister@dfes.wa.gov.au">adam.bannister@dfes.wa.gov.au</a>	Aviation Services	





- 1600m runway capability loaded – potential WA regional airports that are suitable include Busselton - Margaret River, Kalgoorlie, Cunderdin, Geraldton, Albany and Learmonth;
- under certain conditions, the aircraft is flown with the landing gear down during retardant drops. This reduces airspeed while allowing higher engine RPMs, reducing lag on post-drop climb out.

**Request and Approval Process**



For more information refer to the [Use of Retardant During Firefighting Operations](#) and [MD-87 Large Airtanker](#) fact sheets. Alternatively, please contact Adam Bannister, Manager Air Operations: [adam.bannister@dfes.wa.gov.au](mailto:adam.bannister@dfes.wa.gov.au).

**CRAIG WATERS**  
**DEPUTY COMMISSIONER OPERATIONS**

Target Audience: All DFES, LG and DBCA fire services 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-06-2020	Issue Date:	Valid Until:	Contact:		Aviation Services
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**OPERATIONAL CIRCULAR 03/2020**  
**D12919**

**JANUARY 2020**

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

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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](mailto: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;
- DO.StateSituation@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		



**OPERATIONAL CIRCULAR 01/2020**

**File:** D12686

**January 2020**

**CREW SAFETY DURING BLACKOUT OPERATIONS**

Recent minor injuries to firefighters at bushfire incidents has highlighted the need for crews to be vigilant of their safety during blackout operations.

All operational crews are reminded of the following actions to reduce the likelihood of injury;

- Wear correct PPE including eye protection, particularly when working under tree canopies.
- Ensure face shield on the helmet is always down during operations (where fitted).
- Helmet neck flap is down and tunic neck collar is done up.
- Where the integrity of a tree is suspect, crews should follow DFES identification and reporting protocols as outlined in *SOP 3.5.12 – Tree Removal at Bushfires*.
- Look up and check for hanging, broken, or dead branches and burning trees.
- Do not park vehicles within two (2) tree lengths of identified hazardous trees.
- Keep a safe distance between yourself and the object whenever applying a jet stream.
- Commence branch operations in a spray pattern and then adjust to the desired jet pattern.
- Gradually open the branch flow control handle (where fitted) to adjust pressure suitable for the task.
- Be aware of others working nearby and appoint a spotter.

Safety is a priority for all crews and is everyone’s responsibility.

**CRAIG WATERS  
DEPUTY COMMISSIONER OPERATIONS**

Target Audience: All personnel involved in Bushfire Operations.				
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. Once completed Circulars shall be filed on station and forwarded to Information Resources at the end of each financial year.				
OC-01-20	Issue Date:	Valid Until:	Contact:	State Coordination
Page 1 of 1	Jan 2020	Jan 2021	<a href="mailto:state.coordination@dfes.wa.gov.au">state.coordination@dfes.wa.gov.au</a>	





**SAFETY CIRCULAR 01/2020**

**File: D13663**

**FEBRUARY 2020**

**SITING APPLIANCES AND CREW SAFETY**

During recent bushfire incidents there have been several occasions where firefighters have been/or could have been impinged by fire. Crews are reminded that the appliance driver is responsible for safely siting vehicles at an incident, taking into account all the relevant safety considerations including:

- All crew are to be aware of the Dead Man's Zone and maintain LACES. Refer to [SOP 3.5.10 – Crew Safety at Bushfires](#) for further explanation.
- Maintain situational awareness at all times. Driver to monitor radios and ensure crew and vehicle safety.
- Site the vehicle in a position that enables immediate evacuation if required.
- Site the vehicle on clear, level (where practicable) firm ground, up wind (where possible) and free from potential fuel (use blacked out areas when available).
- If vehicle is parked on burnt ground, ensure it is not parked on hot spots. Monitor the area regularly for potential re-ignition and consider dampening the area down to prevent re-ignition of the fire and damage to vehicle.
- Remain clear of powerlines which may arc because of smoke or become unstable due to fire damage.
- Ensure the vehicle is clear of hazardous trees or trees affected by fire; minimum twice the tree height in clearance.
- Maintain awareness of fire intensity, vegetation/fuel loads and fluctuations in wind speed and direction that could result in significant changes in fire behaviour.
- If a vehicle must be left unattended ensure it is on burnt ground and is not blocking tracks or roadways.
- If an inexperienced member of the crew is directed to perform a task that they feel is not safe, they should ask questions or request clarification to ensure safety is maintained.

**Key Message**

Crew safety is paramount. Vehicle operators should maintain situational awareness at all times and undertake a risk assessment considering crew safety when siting vehicles.

**CRAIG WATERS  
DEPUTY COMMISSIONER OPERATIONS**

Target Audience: Firefighting 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. Once completed Circulars shall be filed on station and forwarded to Information Resources at the end of each financial year.				
SC-01-20	Issue Date:	Removal Date:	Contact:	Health & Safety Services
Page 1 of 1	Feb 2020	Feb 2022	<a href="mailto:matthew.watson@dfes.wa.gov.au">matthew.watson@dfes.wa.gov.au</a>	





**OPERATIONAL CIRCULAR 80/2019**

File: D12564

December 2019

**DISCONTINUANCE OF SCOTT PROMASK AND ASSOCIATED FILTERS –  
INTERIM ORDERING PROCEDURE**

J. Blackwood and Son Pty Ltd are the current supplier of the Scott Promask full face respirator and A1B1E1K1P3 filters to DFES BGU's. Blackwood's have advised that the Scott Promask and associated filters are no longer being manufactured and will not be available from December 2019.

DFES has made a bulk purchase of 12 months' supply of filters and masks as a supply contingency while Strategic Procurement go to market for replacement products. It is expected that evaluation of available replacements will be undertaken during early in the new year with the new supply contract expected to commence in May 2020.

The replacement mask and filter will continue to be made available to Bush Fire Brigades through the Local Government Grant Scheme.

The interim ordering process for the Scott Promask and filters is outlined below and differs for Country and Metropolitan BGU's.

**Metropolitan** - Items available for metropolitan BGU's are being stored and distributed from DFES Stores. To place an order use the [Stores Requisition order form](#) available from the Operational Store > Equipment > Requisition Forms.

**When completing the requisition form please ensure you use your BGU's cost centre. Include account number 325 for associated courier costs. See example below.**

PLEASE INDICATE WHICH ACCOUNT BY FILLING IN COST CENTRE IN APROPRIATE SQUARE

C/C	ACC	PROJECT	REASONING / COMMENTS
	251	0000	The above item/s are for station or individual requirements so will charged to the requesting stations account
	412	0000	The above item/s have been lost, stolen or damaged -- <b>PLEASE SEND COPY OF RISKCOVER FORM TO ACCOUNTS AT HQ</b>
Your CC	325	0000	Other (If C/C ACC & Project are known and do not appear on this form)

**Country** - Items available for Country BGU's are being stored and distributed via your Regional Office. Please email your Regional District/Area Officer for any items required via the [Interim Order Form](#) in the Operational Store > Equipment > BA and Respirators.

NOTE: As items are limited, orders should only be placed as required to avoid unnecessary stock holding. For further information contact District Officer Urban Capability Darren Morgan on 9395 9822.

**CRAIG WATERS  
DEPUTY COMMISSIONER OPERATIONS**

Target Audience: All DFES and LG personnel who purchase full face respirators and filters.				
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. Once completed Circulars shall be filed on station and forwarded to Information Resources at the end of each financial year.				
OC-80-19	Issue Date:	Valid Until:	Contact:	Special Operations Response
Page 1 of 1	Dec 2019	Dec 2020	Darren.Morgan@dfes.wa.gov.au	