

Operations Doctrine Monthly Bulletin: October 2019

This bulletin provides a monthly update on documentation and activity for operational personnel. Managers are encouraged to use this bulletin as a tool to communicate information as relevant.

New Doctrine!

[FG 3.5 - Fireline Intensity & Appliance](#)

[Capability](#)

✓ This field guide describes bushfire intensity in terms of kW/m and flame height, and provides suppression options according to appliance capability for DFES, DBCA and LG appliances.

Doctrine Updates!

[SAP 4.1.C - Ordering Operational](#)

[Equipment](#)

✓ Previously SAP 5.1.D, re-titled because it applies to all service groups. Also added guidance on the goods receipt process.

[SAP 6.1.A - Recognition of Current](#)

[Competency](#)

✓ Updated following scheduled review. Risk rating tables adjusted, plus inclusion of Training Program terminology.

[SAP 6.1.G - Course Administration](#)

✓ Updated to Doctrine format.

Safety Circulars

- [14 Toyota Landcruiser Tyre Inflation](#)
- [15 Safe Use of Oxygen Cylinders](#)

ERAP Circulars

- [02 Gear Stowage Bag \(Blue Kitbag\)](#)

Operational Circulars

- [59 Incident Reporting False Fire Alarms](#)
- [60 Clean Clothes Kits](#)
- [61 Movember Foundation Challenge](#)
- [62 SOPD Program 2020](#)
- [63 All Hazards Deployment Register](#)
- [64 Core Skills Training Program](#)
- [65 VHF Mid Band Repeater Ch77](#)
- [66 High Threat Period Appliances](#)

General Circulars

- [147 Spearphising Awareness](#)
- [148 Operational Fleet Project Update](#)
- [149 Strategic Communications](#)
- [150 Legislation Review Update](#)
- [151 Vale Station Officer David Parkin](#)
- [152 Operational Contacts in VolHub](#)
- [153 Academic and Leadership Program](#)
- [154 Open Day Education & Heritage Centre](#)
- [155 Commitment to Healthy & Safe Workplace](#)
- [156 VolHub Project Update](#)
- [157 Study Assistance Planning](#)
- [158 VolHub Going Live Next Week](#)
- [159 Policy 60 Privacy & Personal Information Protection](#)
- [160 Action Required - Cyber Attack](#)
- [161 Volunteer Hub is Now Live](#)
- [162 DFES Environmental Scan 9/2019](#)

Doctrine appreciates feedback and encourages all members to utilise the [Suggestions Tab](#) to access a feedback form.

For more information please contact doctrine@dfes.wa.gov.au

RFD Update

Bushfire Centre of Excellence Moves to Pinjarra

From 4 November 2019, the Bushfire Centre of Excellence (BCoE) team will operate from the Pinjarra Heritage Railway Station until the completion of the purpose-built facility in the Peel Business Park, Nambeelup.

The Heritage Railway Station boasts large rooms for training courses to be delivered on-site as well as information sessions, workshops and other engagement opportunities.

It will support the BCoE team to continue updating and delivering training, grow its online presence and begin to develop and share bushfire knowledge products over the next 12 to 18 months.

Training courses that are currently being developed or reviewed by the BCoE include 'Assist with Planned Burning' and 'Plantation Firefighting'.



Bush Firefighting Training Package

2020 Roll Out

The Bushfire Centre of Excellence has worked closely with Volunteer Associations, volunteer representatives and the Department of Biodiversity, Conservation and Attractions (DBCA) to review and update existing bush firefighting training courses. Updated courses will be launched in January 2020 and have been designed to be modular and provide flexibility in delivery to suit local needs. Duplication in previous training courses has also been removed and content has been updated.

There will be a six month transitional period where both old and new courses will be available on eAcademy to minimise impact on training delivery. Further information about the transition and roll out process, including information for Training Support Officers and Trainer Assessors, will be released shortly.

The table below lists the new training products that will replace current training resources:

Current Training Resource Kit	New Training Products
Introduction to Bush Fire Firefighting	“Bushfire Safety Awareness” consisting of: Bushfire Characteristics and Behaviour Bushfire Safety and Survival
Introduction to Firefighting	“Bushfire Safety Awareness” consisting of: Bushfire Characteristics and Behaviour Bushfire Safety and Survival Suppress Bushfire
Bush Fire Firefighting	“Bushfire Safety Awareness” consisting of: Bushfire Characteristics and Behaviour Bushfire Safety and Survival Suppress Bushfire “Bush Firefighting Skills” consisting of: Introduction to Map Reading Tools and Equipment Introduction to Communications
Advanced Bush Fire Firefighting	Advanced Bush Firefighting
Crew Leader Bush Fire	Crew Leader

If you’ve already completed the current training listed in the left column above, you’ll be credited with new training on the right in the corresponding row.

The new training products are featured in the newly released Training Programs for each service.

For more information, email BushfireCoE@dfes.wa.gov.au.



FIRESCAN-126 Aeroplane to Join the 2019-20 Aircraft Fleet

- ◆ DFES has again secured aerial intelligence linescan remote sensing capabilities for the 2019-20 southern bushfire season.
- ◆ This minimum 90-service is a critical layer of the aerial intelligence surveillance and reconnaissance (AISR) services that provide situational awareness to incident management teams, as well as regional and state emergency managers.
- ◆ This “FIRESCAN” strategic AISR service follows the successful linescan technology trial conducted in May 2018 and the operational trial conducted during January to April 2019. From these trials, the agencies learned a great deal about how best to exploit the technology for fire and potentially fuel load mapping.
- ◆ FIRESCAN-126 will be a King Air B200 turboprop aeroplane and replaces the FIRESCAN-124 Learjet used in 2018-19.
- ◆ The aircraft has same linescan technology used in the 2018-19 trial and is currently being fitted out for service in WA.
- ◆ The King Air offers several advantages over the Learjet. While a little slower, the King Air has greater endurance and has less operating constraints with respect to runways and weather.
- ◆ As a strategic AISR asset that can rapidly deploy through the jurisdiction, FIRESCAN-126 complements the tactical AISR Dauphin helicopter – FIREBIRD-661.
- ◆ To avoid air traffic congestion and speed up dispatch, FIRESCAN-126 will be based at Jandakot rather than Perth Airport.
- ◆ An Operational Circular and Capability Fact Sheet are being developed.

DFES Smoke Alarm Research

DFES Community Preparedness Directorate has been undertaking periodic research on smoke alarm uptake in Western Australia since 2005.

Survey results from May 2019 show that 90% of households have a smoke alarm installed. This is significantly more than the 77% with smoke alarms installed in 2005. However, smoke alarm penetration has remained steady at around 90% since 2013.

The number and type of smoke alarms installed has also changed over time. For example, compared to 2005:

- ◆ Fewer households have battery powered smoke alarms, and more have hard wired or 10-year battery powered smoke alarms.
- ◆ The proportion of houses with more than one smoke alarm, and with interconnected smoke alarms has increased.



Every year people die in house fires, most from inhaling toxic smoke. Having a working smoke alarm could be the difference between surviving a house fire or not.

DFES staff and volunteers are uniquely positioned to help their communities better understand the risks posed by home fires and encourage them to prepare their homes and families.

One effect of the increase in different types of smoke alarms is that households are more likely to be confused about smoke alarm maintenance requirements, and whether they need to change their smoke alarm battery.

Although the increase in uptake of smoke alarms is a positive trend, the research also shows gaps in legislation uptake, and persistence of a minority of homes without smoke alarms. This highlights the importance of continuing to promote the uptake of smoke alarms as well as maintenance requirements in the community.

More information on what you can do to engage the community on home fire safety is available on the DFES [intranet](#) and from the DFES Community Preparedness Directorate. Email: Community.Preparedness@dfes.wa.gov.au


More information about DFES' Smoke Alarm Research is available from Rachel Armstrong. Email: rachel.armstrong@dfes.wa.gov.au

Marine Rescue



Marine Rescue Geraldton volunteers were presented with a “Certificate of Appreciation” by the WA Police Commissioner, Chris Dawson APM recently at a morning tea held at the Geraldton Police Station. Commissioner Dawson acknowledged their assistance with “Operation Shipton” which involved the identification and arrest of foreign nationals involved in the importation of illicit drugs at the Abrolhos Islands in September 2019.





Doctrine appreciates feedback and encourages all members to utilise the [Suggestions Tab](#) to access a feedback form. For more information please contact doctrine@dfes.wa.gov.au