



Ministry  
of Defence



## Defence Fire and Rescue

### Tactics, Techniques & Procedures

#### Tactics Techniques & Procedures

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<b>Intended Audience:</b>	DFR HQ	✓	Capita Fire and Rescue	✓
	RN Aircraft Handler	✓	RAF Fire and Rescue	✓
	DFRS LEC	✓	Other FRS Providers	
	DFRS (Retained) Officers)		DFRS (USVF)	

**Stakeholders:** DFR HQ & CFR

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## Document Control

Version	Date	Name	Role	Status	Changes
V0.1	15 03 2021	P Gallagher	WM Aldergrove	Draft	
V1.0	20 09 2021	J Flippance	Hd of Response	Issue	
V1.1	02 08 2023	N Cousins	WM Aldergrove	Doc Review	
V1.1	03 08 2023	P McGuinness	Hd of Response	Re-issued	New cover & layout



## Defence Fire & Rescue

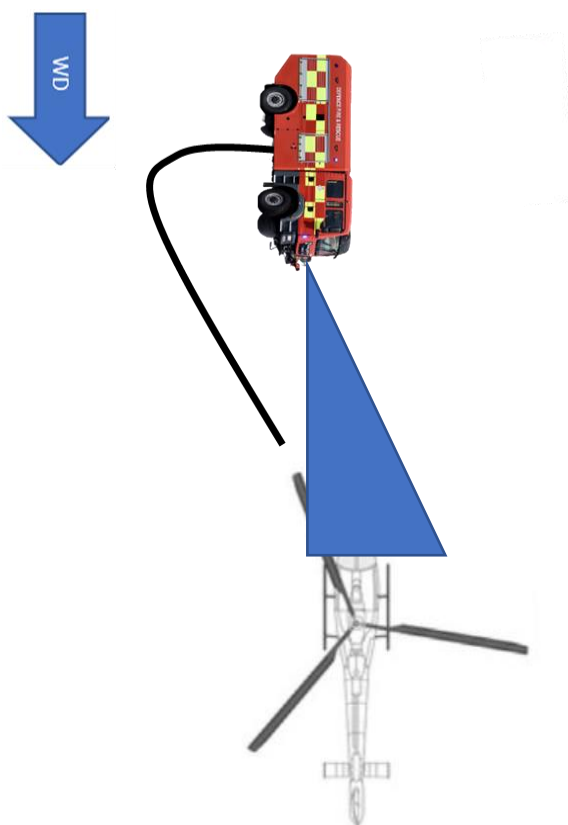
### ARFF QUICK REFERENCE CARD (A40/AQRC)

#### Aerospatiale Gazelle AH Mk 1

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## TTP 1 – External Fire

### Event Plan – Initial Deployment



## **Incident Commander Considerations:**

- Conduct DRA
- Declare Tactical Mode
- Consider required agencies
- Consider implementing MIP
- The IC may conduct initial firefighting, then directs further firefighting actions
- Consider contacting aircraft commander via ATC or 121.6 if available
- Be aware of PAX exiting aircraft on both sides - number of PAX can be up to 5.
- Direct rescue crew
- Direct all operational control and implement ICS
- Provide M/ETHANE report
- Maintain safe operations and ensure scene safety
- Direct other agencies
- Consider water consolidation/replenishment.

## **Crash 1 - MPRV Actions:**

- Deploy vehicle centrally to the aircraft
- Be aware of PAX exiting the aircraft on both sides
- Be prepared to operate monitor and/or other firefighting media, as directed by IC
- Consider method of entry if PAX remain on board
- Don BA and utilise initial deployment procedures
- Deploy 45mm hose line and prepare for entry into aircraft
- BA team access aircraft and create survivable conditions
- Confirm/make safe aircraft systems
- Triage casualties on board if survivable conditions are present
- Aid medics in extricating casualties.

## **Specific Aircraft Hazards - (Make use of AQRC):**

- Flammable liquids
- Pressurised gases
- Explosive and smoke generating material
- Composite Material
- Main/Tail Rotors.

## **Further Considerations:**

- Aircraft position and wreckage
- Leaking fuel
- Passengers
- Other agencies
- Environmental conditions
- Composite Materials in drifting smoke plume.

## **Supporting Information:**

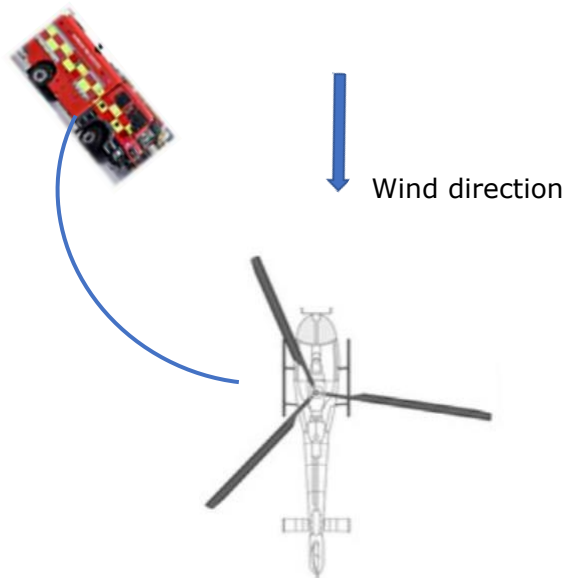
- NOG
- CFR Ops Instruction 001 – Aircraft Incidents
- CFR Ops Instruction 002 – CFR HSE Policy
- CFR Ops Instruction 005 – Low Speed Manoeuvring
- CFR Ops Instruction 006 – MPRV ARFF Positioning Deployment and Task
- CFR Ops Instruction 007 – MPRV Vehicle Operations
- CFR Ops Instruction 033 – BA Operations
- CFR Op Guidance 002 – Incidents Involving Rotary Wing Aircraft
- CFR Op Guidance 003 – Aircraft Fuel Fires
- CFR Op Guidance 007 – Aircraft Engine Fires
- MOD Aircraft Crash Hazards Document Set.

## **Training:**

- Aircraft familiarisation
- Deployment exercise(s)
- Redkite CMS
- Aircraft lecture – 6 monthly lesson / familiarisation presentation

## TTP 2 – Engine Compartment Fire

### Event Plan – Initial Deployment



### Incident Commander Considerations:

- Conduct DRA
- Declare Tactical Mode
- Consider required agencies
- Consider implementing MIP
- Direct firefighting actions
- Consider contacting aircraft commander via ATC or 121.6 if available
- Be aware of PAX exiting aircraft on both sides - number of PAX can be up to 5.
- Direct rescue crew
- Direct all operational control and implement ICS
- Provide M/ETHANE report
- Maintain safe operations and ensure scene safety
- Direct other agencies
- Water consolidation/replenishment.

## **Crash 1 - MPRV Actions:**

- Deploy vehicle to rescue side of aircraft
- Be aware of PAX exiting the aircraft
- Consider method of entry if PAX remain on board
- Don BA and utilise initial deployment procedures
- Deploy 45mm hose line
- Gain access and create survivable conditions by extinguishing fire and ventilating
- Remove any casualties from immediate danger
- Triage casualties on board if survivable conditions are present
- Aid medics in extricating casualties

## **Specific Aircraft Hazards/Procedures- (Make use of AQRC):**

- Flammable liquids
- Pressurised Gases
- Solids
- Explosive and smoke generating material
- Composite Materials
- Main/Tail Rotors.

## **Further Considerations:**

- Aircraft position and wreckage
- Leaking fuel
- Passengers
- Other agencies
- Internal lighting
- Ventilation.

## **Supporting Information:**

- NOG
- CFR Ops Instruction 001 – Aircraft Incidents
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- CFR Ops Instruction 005 – Low Speed Manoeuvring
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