



TACTICS TECHNIQUES & PROCEDURES

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RN (AH)
DFR

Stakeholders: CFR HQ
DFSR

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Capita Fire & Rescue



AIRCRAFT TACTICS TECHNIQUES PROCEDURES

BELL 212 UK Army Air Corps MK 2

CRASH 1 (MPRV)

MPRV (Crash 2)

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BELL 212 HP AH Mk Training Helicopter



Shaun Schorleid



TTP 1 – External Fire

Event Plan – Initial deployment



Crash 2 – MPRV Incident Commander Actions:

- Consider wind direction on approach to incident
- Approach incident and utilise bumper monitor to extinguish fire
- Conduct and complete DRA
- Declare Tactical Mode
- Consider required agencies
- Consider implementing MIP
- Direct firefighting actions
- 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:

- Don BA and utilise Rapid Deployment Procedures
- Deploy vehicle to rescue side of aircraft
- Be prepared to operate monitor
- Consider method of entry if crew remain on board
- Deploy 45mm hose/hose reel as determined by IC and prepare for entry into aircraft
- BA team access aircraft and create survivable conditions
- Confirm/make safe aircraft systems
- Utilise Medics to triage casualties on board if survivable conditions are present
- Aid Medics in extricating casualties
- Cool if required
- Consider further media application
- Provide scene safety.

Specific Aircraft Hazards:

- Flammable liquids
- Flammable/pressurised gases
- Explosive Material.

Further Considerations:

- Aircraft position and wreckage
- Leaking fuel
- Passengers (2 x pilots, 1 rear crew and up to 12 passengers)
- Other agencies.

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 & Task
- CFR Ops Instruction 007 – MPRV Vehicle Operations
- CFR Op Guidance 001 – 2020 – Aircraft Incidents
- CFR Op Guidance 002 – 2020 – Rotary Aircraft
- CFR Op Guidance 003 – 2020 – Aircraft Fuel Fires
- CFR Op Guidance 007 – 2020 – Aircraft Engine Fires
- CFR Ops Instruction 033 – BA Operations
- MOD Aircraft Crash Hazards Document Set
- NATO STANAG/TO 00-105E-9- (revision 16).

Training:

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



TTP 2 – Internal Compartment Fire

Event Plan – Initial deployment and entry procedures



Crash 2- MPRV Incident commander Actions

- Conduct and complete DRA
- Declare Tactical Mode
- Consider required agencies
- Consider implementing MIP
- Direct firefighting actions
- Be aware of PAX exiting aircraft (2 x pilots, 1 rear crew and up to 12 passengers)
- 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:

- Don BA and utilise Rapid Deployment Procedures
- Deploy vehicle to rescue side of aircraft
- Be prepared to operate monitor
- Consider method of entry if crew remain on board
- Deploy 45mm hose/hose reel as determined by IC and prepare for entry into aircraft
- BA team access aircraft and create survivable conditions
- Confirm/make safe aircraft systems
- Utilise Medics to triage casualties on board if survivable conditions are present
- Aid Medics in extricating casualties
- Cool if required
- Consider further media application



- Provide scene safety.

Specific Aircraft Hazards/Procedures:

- Flammable liquids
- Flammable/pressurised gases
- Explosive Material.

Further Considerations:

- Aircraft position and wreckage
- Leaking fuel
- Passengers (2 x Pilots, 1 rear crew and up to 12 passengers)
- Other agencies
- The actions during this incident will be dependent on the following conditions:
 1. Is the fire confined to one area or is escalation likely?
 2. Atmospheric conditions, wind direction etc

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 & Task
- CFR Ops Instruction 007 – MPRV Vehicle Operations
- CFR Op Guidance 001 – 2020 – Aircraft Incidents
- CFR Op Guidance 002 – 2020 – Rotary Aircraft
- CFR Op Guidance 003 – 2020 – Aircraft Fuel Fires
- CFR Op Guidance 007 – 2020 – Aircraft Engine Fires
- CFR Ops Instruction 033 – BA Operations
- MOD Aircraft Crash Hazards Document Set
- NATO STANAG/TO 00-105E-9- (revision 16).

Training:

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



TTP 3 – Engine Fire

Event Plan - Initial deployment



Crash 2- MPRV Incident commander Actions

- Conduct and complete DRA
- Declare Tactical Mode
- Consider required agencies
- Consider implementing MIP
- Direct firefighting actions
- Be aware of PAX exiting aircraft (2 x Pilots, 1 rear crew and up to 12 passengers)
- 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 (2 x Pilots, 1 rear crew and up to 12 passengers)
- Consider method of entry if PAX remain on board
- Don BA and utilise Rapid Deployment Procedures
- Deploy 45mm hose/hose reel as determined by IC
- Make access to engine compartment via entry point on top
- Remove any casualties from immediate danger
- Utilise Medics to triage casualties on board if survivable conditions are present
- Aid Medics in extricating casualties.

Specific Aircraft Hazards/Procedures:

- Flammable liquids
- Flammable/pressurised gases
- Explosive Material.

Further Considerations:

- Aircraft position and wreckage
- Leaking fuel
- APU
- Passengers (2 x Pilots, 1 rear crew and up to 12 passengers)
- Other agencies
- Internal lighting
- Hydraulic ventilation.

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 & Task
- CFR Ops Instruction 007 – MPRV Vehicle Operations
- CFR Op Guidance 001 – 2020 – Aircraft Incidents
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- CFR Op Guidance 003 – 2020 – Aircraft Fuel Fires
- CFR Op Guidance 007 – 2020 – Aircraft Engine Fires
- CFR Ops Instruction 033 – BA Operations
- MOD Aircraft Crash Hazards Document Set
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Training:

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



Document Control					
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