



International Guns Missiles and Rockets  
Project Team Air 3  
Canadian Rocket Vehicle 7 Project Team



Weapons Safety  
Case Template



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Safety isn't Rocket Science, actually in my case....it is !



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# The Who

- IGMR Air3 :- A core team of 4 engineers.
- Defence Ordnance Safety Group (DOSG)
- Adelard
- Design Organisation (Bristol Aerospace Ltd, Canada)
- Military Airworthiness Authority (MAA)
- Platform Project Teams



# The What

- Canadian Rocket Vehicle 7 (CRV7 RWS)



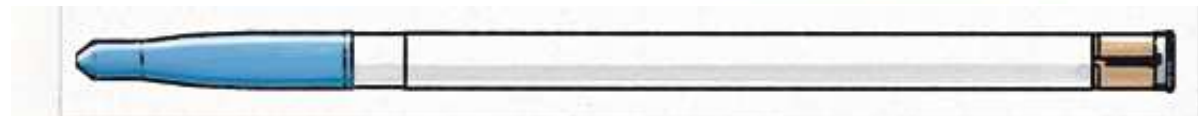
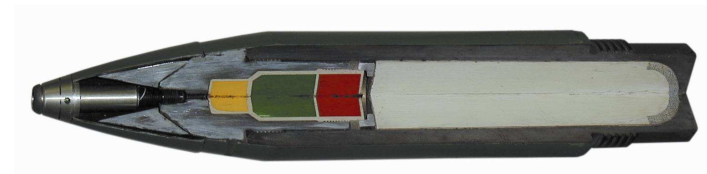
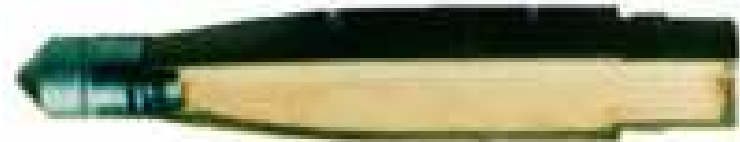
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# The What

- **Fixed Wing**
- High Explosive (HE) - M151
- HE Penetrator – RA79 HEISAP
- Standard Practice
- Kinetic Energy Penetrator
- C15 Rocket Motor



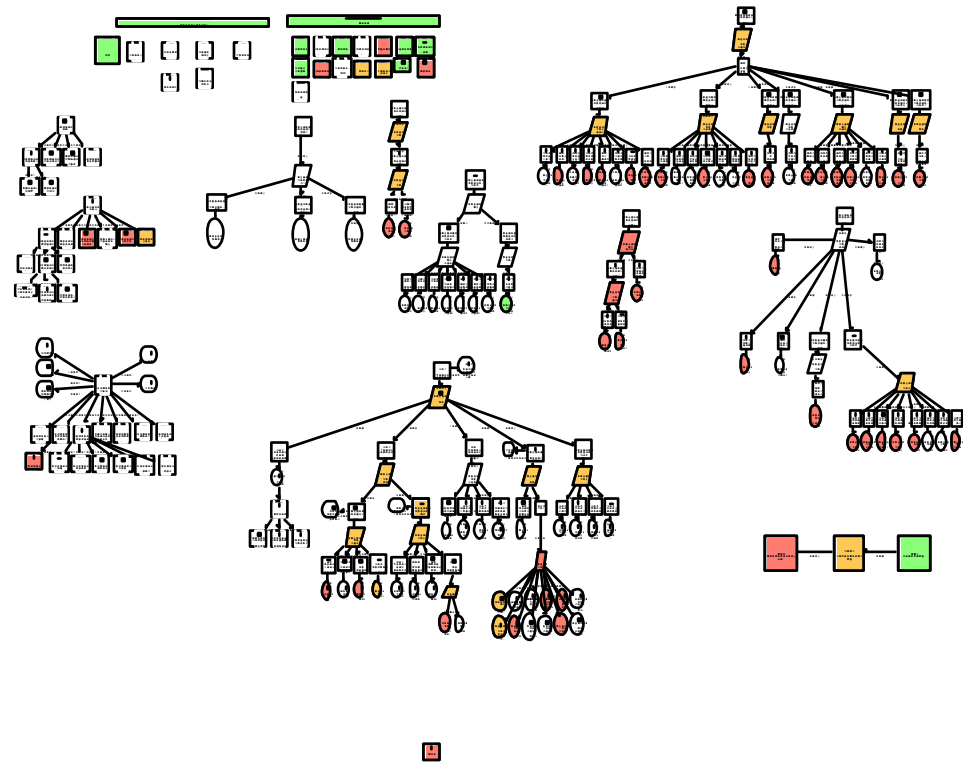
# The What

- **Rotary Wing**
- High Explosive (HE) - M151
- General Purpose Flechette – GPF
- Standard Practice
- Multipurpose - RA79 HEISAP
- C17 Rocket Motor



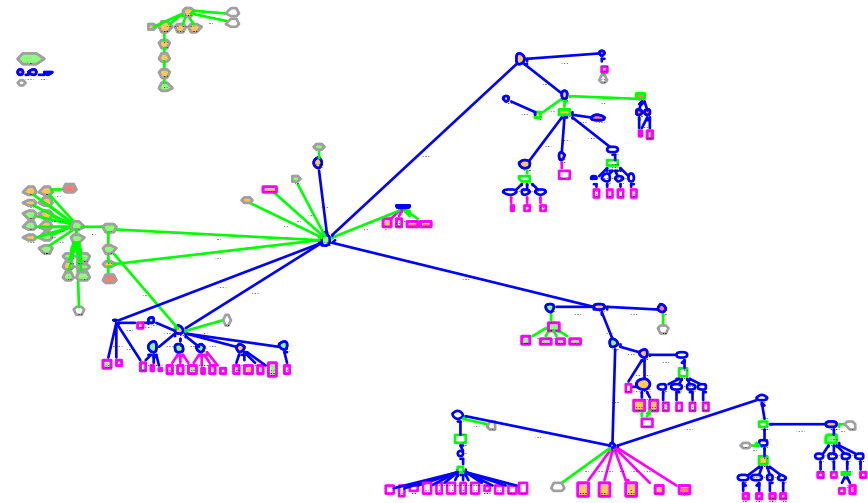
# The Why

- **Current Safety Case(s)**
  - Fixed Wing
    - Word
    - 3<sup>rd</sup> Party uplift
    - Adelard Conversion
  - Rotary Wing
    - Held by previous DO
    - Transfer to IGMR



# The Why (Cont)

- **Way forward** (Post Haddon-Cave)
- **Combined Safety Case**
  - Ability to one touch export :-
    - JSP520 CSOME
    - JSP553 ALWR
    - Direct Live Access to E-Cassandra



# The How

- Review Hazard Logs and current Safety Cases
- Populate Adelard/DOSG Template With legacy Fixed Wing
- Peer Review
- Re Populate and Baseline



# What Next !

- Further Development
  - Manpower
  - Time
  - Pressures of 'Fire fighting'



Thank You



Any Questions



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