



Australian Government

Department of Defence
Capability Acquisition and
Sustainment Group


Reliability & Aircraft Maintenance Programs (RAM) Team Brief

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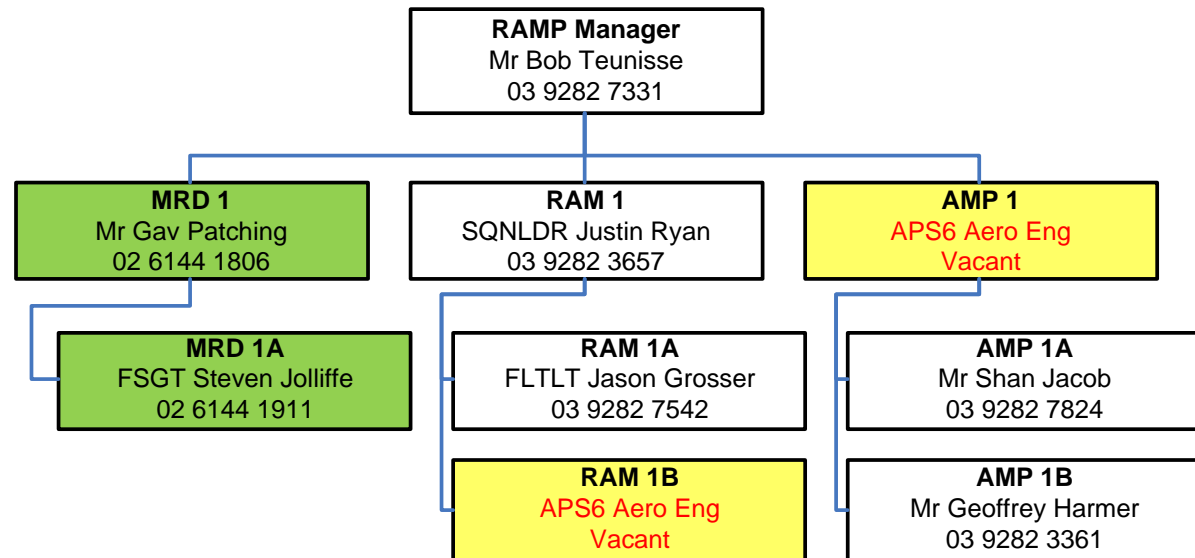


Outline

- Who We Are
 - What We Do
 - How We Can Assist You
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The RAMP Team

- Amalgamation of MRD, RAM and AMP
 - 7 in Melbourne
 - 2 in Canberra
 - 2 Vacancies



RAMP Services

- Support DASA wrt Aircraft Maintenance and Reliability Programs
- Conduct RAM analyses to support informed decision making across procurement, logistic and engineering activities
- Assess maintenance task applicability and effectiveness
- Publication-policy sponsorship and working group coordination
 - RAM Man; AAP 7001.038
 - DRWG; RAMP WG
- Practitioner and awareness training
 - DEFRELMAN; MRD Practitioners Course

Assistance Provided – Engine Related

- Review Documentation
- Understanding Content
 - Distributions
 - Terminology
 - Methods utilised
 - Summary
- Validation
 - Calculations e.g. Sample Size
 - Assumptions/Strategy e.g. Data utilised
 - Suggested Recommendations e.g. Maintenance Policy
- Accuracy Improvements
 - Confidence Limits – Upper & Lower

Assistance Looking Forward

- Second Opinion
 - Smart User/Customer
 - Corporate Governance
- Statistical Analysis
- Probabilistic Risk Assessments
- Simulation
- Aircraft Maintenance & Reliability Programs (E/PSIMP)

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