

**INDUSTRY CLASSIFICATION** (G) - Royal Air Force

**AGE AT INTERVIEW** 27

**ELECTION OR TRANSFER TO:** Member

**FIRST DEGREE** 3rd Hons. from Loughborough Univ. of Technology in Mechanical Engineering, 1995.

**SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS** – None – registered for an MDA, March 2002

**EXPERIENCE PRIOR TO PRESENT POSITION**

RAF Leuchars, 1997-1999 – O/C General Engineering Flight.  
Defence Aviation Repair Agency, RAF St. Athan, 1999-2000 – Sea Harrier Process Manager.

**PRESENT POSITION**

RAF Wittering, 2000-present. Officer Commanding Propulsion Flight. Duties include:

- General management of the facility, providing Harrier GR7 Squadrons with specialist engineering support
  - Investigation of and reporting on LOPEC incidents
  - Managing and investigating any engine damage (FOD) attributable to foreign object ingestion
  - Managing new projects (uninstalled engine test facility, design of a new engine maintenance facility, two concurrent Business Process Re-engineering projects, introduction of an MRP1-type supply chain management system, introduction of new vibration monitoring and wear debris analysis systems)
- Chairman of the Rugby Club; Chairman of the GEMS Committee; Officers' Mess Committee Member

<b><u>STAFF REPORTING - PROFESSIONAL</u></b>	4
<b><u>TECHNICAL</u></b>	59
<b><u>MANUAL</u></b>	0
<b><u>OTHER</u></b>	0

**INTERVIEWERS' COMMENTS**

**A Demonstrate knowledge and understanding of engineering principles**

Key elements of competence	Examples of meeting A
maintains a sound theoretical approach to technology applies a creative approach to problem solving	Propulsion course and duties as LOPEC Officer and FOD Officer. Set up new plant facilities and BPR scheme.
introduction/exploitation of emerging technologies promotes innovation and advances in technology	Introduction of vibration monitoring and wear debris analysis. Installation of engine test and maintenance facilities.

**B Demonstrate practical application of engineering knowledge and expertise**

Key elements of competence	Examples of meeting B
takes initiative to identify potential projects and opportunities participates in or specifies research, design and development plans and implements solutions evaluates solutions identifies what has been learnt from the activity	Business Process Re-engineering of APU shop. Fault investigations on APU's; recommended modifications. Setting up of paint facilities. Gets input from junior/technical staff.

**C Leadership and management**

Key elements of competence	Examples of meeting C
<p>experience of effective project planning and implementation</p> <p>manages and plans budgets, tasks, people and/or other resources</p> <p>ensures team members have appropriate skills</p> <p>contribution to continuous improvement via quality management</p>	<p>General management of several facilities.</p> <p>Introduction of new facilities and processes.</p> <p>Limited opportunities for training staff.</p> <p>Conversion from military to commercial working ethos.</p>

**D Communication and inter-personal skills**

Key elements of competence	Examples of meeting D
<p>demonstrates oral communication skills</p> <p>displays written communication skills</p> <p>has the ability to present and discuss ideas and plans</p> <p>ability in team building and negotiating activities</p>	<p>Excellent verbal presentation.</p> <p>PRR clear and succinct but a bit short on detail.</p> <p>Has presented proposals to Commanding Officers.</p> <p>Team workshops on APUs.</p>

**E Professional conduct**

Key elements of competence	Examples of meeting E
<p>compliance with codes and rules of conduct of the profession</p> <p>application and management of safe systems of work</p> <p>familiar with relevant legislation especially health, safety, risk and the environment</p> <p>displays a commitment to undertake continuing professional development, including a personal Development Action Plan</p> <p>demonstrates involvement with the IMechE, other professional engineering Institutions, schools, colleges or local other community activities</p>	<p>Military role is conducive to maintaining professional approach.</p> <p>Management of workshops and upgrading to comply with EU directives.</p> <p>Evidence of CPD expected as part of military career progression.</p> <p>Organised charity events – very concerned about welfare of staff in military and civilian environments.</p>

**COMPETENCES AWARDED**

A	B	C	D	E
2/3	3	4	3	3
3	3	3	3	3

**PANEL RECOMMENDATION**

Transfer to Member

**MEMBERSHIP COMMITTEE DECISION**

Transfer to Member