

# 2011 AGENDA: DAY 1 - Tuesday 26 July 2011

**Conference Dress:** Business attire; suit or shirt and tie. Uniform as required for Defence personnel. **Dinner Dress:** Business casual

Time	Session	Session Details		
7:30		Registration		
		<b>Plenary Session - Plaza 1&amp;2</b>		
8:20	Welcome and Introduction:	<a href="#">Richard Gauntlett, Conference Chairman</a>		
8:30	ADF Address:	<a href="#">RADM Mark Campbell – Head, Helicopter Systems Division, DMO</a>		
8:45	CASA Address:	<a href="#">Terry Farquharson – Deputy Director of Aviation Safety</a>		
9:00	Keynote Address:	<a href="#">Greg Olson, Wyle - "Aircraft Airworthiness and Sustainment – The Common Challenge"</a>		
10:00		<b>Morning Tea</b>		
	Session	<b>Fleet Management</b> Plaza 1&2	<b>Structures and Mechanical</b> Plaza 3	<b>Avionics and Systems</b> Plaza 4
10:30	1	<a href="#">CASA Ageing Aircraft Management Plan Update</a> Pieter van Dijk, CASA	<a href="#">Evolution of Aircraft Structures and Integrity Management</a> – Aaron Warren, Jacobs Australia	<a href="#">ADF Aircraft Wiring Inspection Program</a> – Mark Wade, DGTA
11:10	2	<a href="#">Naval Aviation Subsystems Safety Integrity Program</a> Doug Mousseau, NAVAIR	<a href="#">A Review of the Effects of Fluid Absorption/Desorption on the Residual Strength of Carbon Fibre Reinforced Composite Materials</a> – Chris Kourloufas	<a href="#">Electrical Harness Chafing on the ARH, or "Never Rub a Tiger up the wrong way"</a> – Barry Abraham, Australian Aerospace
11:50	3	<a href="#">Achieving Airworthiness Through Culture</a> – Tony Trew, Tampal Consulting	<a href="#">Assessment on the Effect of Applying Corrosion Inhibitors to Metallic Structural Joints of Aging Aircraft</a> – Jaya, Tiong, Clark, Wang, RMIT	<a href="#">Antenna Installation – the Avionics and Structures Interface</a> – Graeme Willaton, Australian Aerospace
12:30		<b>Lunch</b>		
		<b>"Ageing and Sustainment Issues with Military Fleet"</b> – Plaza 1&2		
13:30	Panel	Panel Moderator:	GPCAPT Phil Tammen	
		Panel Members:	CAPT Col Lawrence – COMD NASPO	
			<a href="#">COL Rob Crowe – COMD AASPO</a>	
			<a href="#">GPCAPT Peter Yates – OC MPSPPO</a>	
		GPCAPT John Adams – DAVENG, DGTA		
15:30		<b>Afternoon Tea</b>		
		<b>Fleet Management</b> Plaza 1&2	<b>Structures and Mechanical</b> Plaza 3	<b>Unmanned Aerial Systems</b> Plaza 4
15:30	4	<a href="#">JSF Technologies</a> – AIRCDRE Roy McPhail	<a href="#">Restoration of Plastic Aircraft Windows</a> – Bill Norville, Clearfix Aerospace	<a href="#">Technical Regulation of ADF UAS</a> – Mark Wade, DGTA
	5	<a href="#">Overview of US Coast Guard Airworthiness Sustainment Branch and Associated Programs</a> – LCDR Tad Wilson, USCG	<a href="#">Old Aircraft Need Special Attention</a> – John Baker, Monash University	<a href="#">Unmanned AA&amp;S – the Dangerous, Dirty, but certainly not Dull</a> – Maj. Keirin Joyce, Army
17:30		<b>Close</b>		

Dinner at "South Bank River Room", 6:30pm for 7:00pm start.

**Dinner Speaker – Rosemary Arnold, First Australian woman helicopter pilot; "All we have is our story"**

# 2011 AGENDA: DAY 2 - Wednesday 27 July 2011

Time	Session	Session Details		
8.00	Panel	<b>" Ageing and Sustainment Issues with Civil Aviation Fleet" - Plaza 1&amp;2</b>		
		Panel Moderator:	Rick Leeds - <a href="#">Manager Airworthiness and Engineering, CASA</a>	
		Panel Members:	Phillip Reiss – <a href="#">President, AOPA</a>	
			Bill Whitney – <a href="#">Aerotech Australia Pty Ltd</a>	
			Jeff Boyd – <a href="#">CEO Brindabella Airlines</a>	
		Adrian Verkerk - <a href="#">General Mgr. Engineering &amp; Maintenance, Qantas</a>		
10:00	Morning Tea			
	Session	<b>Fleet Management</b> Plaza 1&2	<b>Structures &amp; Mechanical</b> Plaza 3	<b>Civil Aviation</b> Plaza 4
10:30	6	<b>Workshop</b> <b>"CASA Technical Forum"</b>  Moderator: Mike Higgins – Manager Continuing Airworthiness	<a href="#">Safety Risks in Applying Damage Tolerance Analysis to Certification of Adhesively Bonded Structures and Joints</a> – Max Davis, Adhesion Associates	<a href="#">Ageing Avionics: The Challenge</a> - Gerrit Gibbs, GE Aviation
11:10	7	<b>CASA Principal Engineers:</b> Peter Gibbs, David Punshon, Charles Lenarcic, Richard Allen	<a href="#">Damage Tolerance Analysis of a Helicopter Structural Component</a> – Jones, Tang, Peng & Pitt, Monash University	<a href="#">Ageing Aerobatic Aircraft</a> - David Pilkington
11:50	8	Interactive Session	<a href="#">NDT Techniques and their Application to Ageing Aircraft</a> – Colin Hockings, Qantas	<a href="#">Absolute Basics of Aircraft Corrosion and its Prevention</a> – Charles Cheeseman, Bion Water Synergetics
12:30	Lunch			
	Session	<b>Training Session</b> Plaza 3&4	<b>Structures &amp; Mechanical</b> Plaza 1	<b>Civil Aviation</b> Plaza 2
13:30	9	<b>"Ageing Aircraft 101"</b>  Dr. Bob Holdsworth  AA&S (Australia) Technical Director	<a href="#">Probabilistic Risk Analysis for Airframe Structural Elements with Improved EIFS Distribution</a> – Ribelito Torregosa, DSTO	<a href="#">The "100 Hourly"</a> – Michael Kelly, Flinders Aviation
14:10	10		<a href="#">Supersonic Particle Deposition as a Means of Ensuring Structural Integrity of Aircraft Structures</a> – Jones, Matthews, Baker, Cairns, Elston & Pitt, Monash University	<b>Performance and Handling of Ageing GA Aircraft</b> – Nick Coulson & David Punshon, CASA
14:50	11		<a href="#">A Proposed Roadmap for Transitioning DSTO's Corrosion Structural Integrity Research into the ADF Fleet</a> – Dr. Bruce Crawford, DSTO	<a href="#">The Service Difficulty Report (SDR) System</a> – Roger Alder, CASA
15:30	Afternoon Tea			
	Session	<b>Fleet Management</b> Plaza 3&4	<b>Structures &amp; Mechanical</b> Plaza 1	<b>Civil Aviation</b> Plaza 2
16:00	12	<b>Workshop</b> <a href="#">"Explaining the new CASA Airworthiness Regulations"</a>	<a href="#">Non Destructive Testing: Developments in Ultrasound and Eddy Current Methods for Aircraft</a> – Alison Glover, Olympus	<a href="#">"Black Nail Polish was the Answer"</a>  Rosemary Arnold
16:40	13	Moderator: Nick Ward  Interactive Session	<a href="#">Challenges of Development of RRA Technology for Application on RAAF Hercules Fleet</a> – Dr. Madabhushi Janardhana (DSTO), Chris Loader (DGTA), Joe Thomas (ALSPO)	Some helicopter history, and stories of the women who operated and sustained them.
17:20	Close			

"Drinks and Nibbles" in Foyer area from 5:30 - 7:30pm, kindly sponsored by "Aerospace Australia Ltd"

# 2011 AGENDA: DAY 3 - Thursday 28 July 2011

Time	Session	Session Details			
	Session	<b>Workforce Panel</b> Plaza 3&4	<b>Environmental Degradation Management Technical Interchange Meeting</b> - Plaza 1 Facilitator: Dr. Madabhushi Janardhana	<b>Fleet Management</b> Plaza 2	
8:00	14	<a href="#"><u>"Workforce and Skilling Challenges over the next 10 years"</u></a>	<ol style="list-style-type: none"> <li>1. Introductions, Welcomes - Dr M. Janardhana (DGTA)</li> <li>2. Housekeeping - Mr L. Brook (DGTA)</li> <li>3. EDM Status Update/Review Action Items - Dr M. Janardhana, Mr K. Sharp (DSTO)</li> <li>4. ASD EDM Brief - WGCDR J. Medved (ASD)</li> <li>5. HSD EDM Brief - Dr A. Sinha (HSD)</li> <li>6. <a href="#"><u>Update on ADF Repaint Facilities</u></a> - WGCDR Palmeri (DLOG)</li> <li>7. Innovative EDMS Methodologies within the TLS Environments - ASI/DSTO/AVES POCs</li> </ol>	<a href="#"><u>Support to the CH-47D Chinook in the Middle East Area of Operations</u></a> – Capt. Paul Bellas, AASPO	
8:40	15	<b>Moderator:</b> GPCAPT Chris Crowley			<a href="#"><u>Kiowa Revitalisation – Kiowa Navigation Rationalisation Project KNRP</u></a> – Ray Formosa, AASPO
9:20	16	<b>Panel Members</b> <a href="#"><u>GPCAPT Geoff Harland</u></a> <a href="#"><u>Terry Ward, Aviation Australia</u></a> Mal Benfer, Australian Aerospace			<a href="#"><u>Dehumidification Program for Operational USCG Assets</u></a> – LCDR Tad Wilson, USCG
10:00		<b>Morning Tea</b>			
	Session	<b>Fleet Management</b> Plaza 3&4	<b>Environmental Degradation Management Technical Interchange Meeting</b> - Plaza 1 Facilitator: Dr. Madabhushi Janardhana	<b>Fleet Management</b> Plaza 2	
10:30	17	<a href="#"><u>Counterfeit Parts</u></a> – Greg Olson, Wyle	<b>Platform EDM Overviews/Issues – SPO/Platform Representatives</b> <ol style="list-style-type: none"> <li>a. ALSPO</li> <li>b. TFSP0</li> <li>c. MPSP0</li> <li>d. TASP0</li> <li>e. NASPO</li> <li>f. AASPO</li> <li>g. KC-30A</li> <li>h. MRH</li> <li>i. ARH</li> </ol>	<b>NetMAARS Retrospective</b> - Ian Christie, AASPO	
11:10	18	<a href="#"><u>Providing Tangible Benefits to Aircraft Operators from HUMS Systems to Ensure Greater Data Capture Rate</u></a> – James Fay & Craig Hudson-Taylor, Australian Aerospace			<a href="#"><u>LEAN Logistics</u></a> – Mark Hardwick, AASPO
11:50	19	<a href="#"><u>CASA Industry Permissions</u></a> - Mark Taylor, Manager, Delegate Management, CASA			<a href="#"><u>Black Hawk Retrospective – Twenty Three Years of Airmobile Capability</u></a> - Col. Rob Crowe, AASPO
12:30		<b>Lunch</b>			
	Session	<b>Fleet Management</b> Plaza 3&4	<b>Environmental Degradation Management Technical Interchange Meeting</b> - Plaza 1 Facilitator: Dr. Madabhushi Janardhana	<b>Structures &amp; Mechanical</b> Plaza 2	
13:30	20	<b>Occupational Health and Safety Compliance During Acquisition and Sustainment – Constraints and Challenges</b> - WGCDR Paul Parolo, TFSP0	<ul style="list-style-type: none"> <li>• <a href="#"><u>Surface Finishing and the Orion</u></a> - Mr D. Roles (MPSP0)</li> <li>• <a href="#"><u>DSTO Corrosion Support Update</u></a> - Mr P. Trathen (DSTO)</li> <li>• VALSPAR Replacement Update - Dr R. Hook (DSTO)</li> <li>• Composite Degradation Studies - Dr J. Wang (DSTO)</li> </ul> <p>Open Discussion</p> <ul style="list-style-type: none"> <li>• [Suggested Topic: Brainstorm the issue of importance of creating/establishment of a Common ADF Painting Facility ]</li> </ul>	<a href="#"><u>DSTO Testing in Support of the Sustainability of the Classic Hornet's Structural Integrity as Part of the SRP</u></a> – Dr. Simon Barter, DSTO	
14:10	21	<a href="#"><u>Capabilities of Aircraft Manufacturers in Through Life Support</u></a> – Luke Webb, RMIT University			<b>The F-111 Adhesively Bonded Repair Assessment Program (FABRAP)</b> – Eudora Yeo, DSTO
14:50	22	<a href="#"><u>Crash Protection for ADF Aircraft</u></a> – Mark Wade, DGTA			<a href="#"><u>Metallic Material Repair Technologies for Structural Restoration and Sustainment of Ageing Aircraft</u></a> – Dr. Pud Baburamani, DSTO
15:30		<b>Afternoon Tea</b>			
	Session	<b>Fleet Management</b> Plaza 3&4	<b>Environmental Degradation Management Technical Interchange Meeting</b> - Plaza 1 Facilitator: Dr. Madabhushi Janardhana	<b>Fleet Management</b> Plaza 2	
16:00	23	<a href="#"><u>Fatigue Life Extension Program for F/A-18 LAU-7 Missile Launcher Housings using Rework Shape Optimisation</u></a> – Heller, Calero, Barter, Wescott, Choi, DSTO	<p>Open Discussion/Review Action Items - All</p> <p style="text-align: center;">16:20 End of EDM TIM</p>	<a href="#"><u>A Generic Methodology for Execution of a Service Life Assessment Program (SLAP) for Air Vehicle Subsystems</u></a> – Doug Mousseau, NAVAIR	
16:40	24	<a href="#"><u>An Economic Optimisation of RAAF Aircraft Life of Type</u></a> – Andrew Goodwin, Jason Cromarty, DSTO			<b>Maintenance and Engineering Efficiencies Through Integrated Information Systems</b> – FLTLT Grant Patch, Ms Brooke McEwan, TFSP0
17:20		<b>Close of Conference</b>			