



CHIEF OF AIR FORCE

AIR SHOW CONFERENCE

# 2007 Chief of Air Force Air Show Conference





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communications  
Integrated Systems



The step beyond

THALES

Raytheon



LOCKHEED MARTIN

NORTHROP GRUMMAN

BAE SYSTEMS





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# Smaller Air Forces and the Future of Air Power

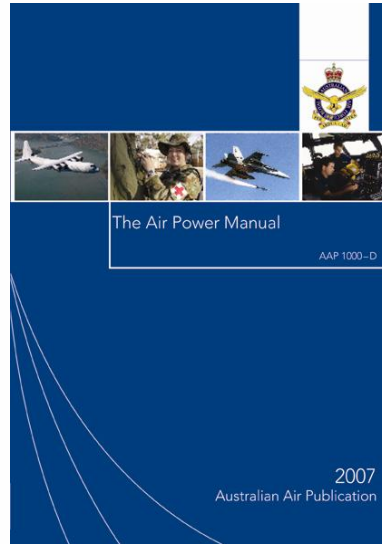
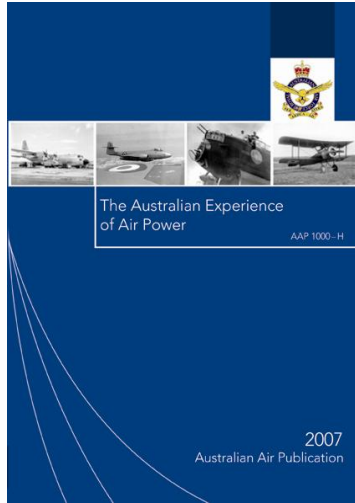




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# RAAF Air Power Doctrine



The Australian Experience of Air Power	AAP 1000-H	
The Air Power Manual	AAP 1000-D	
The Future Air and Space Operating Concept	AAP 1000-F	





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# Future

# Present

# Past





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# Air Power for Joint Effect





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# Future Air and Space Operating Concept

***‘The right effects through  
precise control.’***





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# The Air Power Manual

***‘Effective air power  
through professional  
mastery.’***







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# The Australian Experience of Air Power

*‘Building the future  
through understanding  
the past.’*





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# People

- **Professional Mastery**
- **Values**
- **Character**

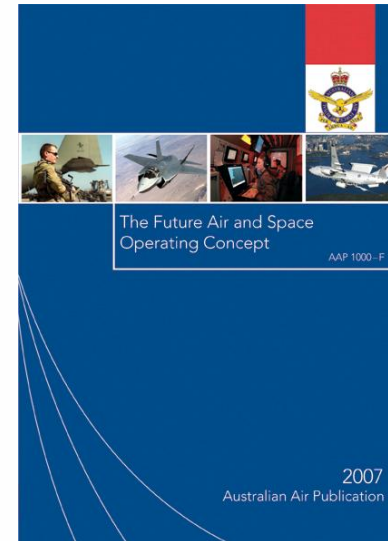
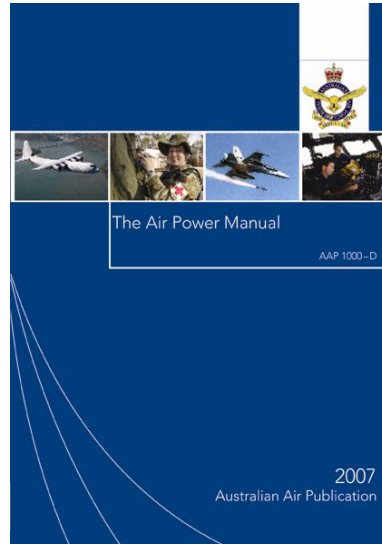
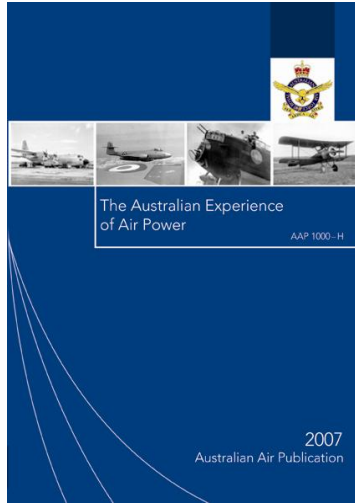




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# RAAF Air Power Doctrine



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# Smaller Air Forces and the Future of Air Power



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## **2007 CAF AIRSHOW CONFERENCE**

**Melbourne, 19 March 2007**

### **Smaller Air Forces and the Future of Air Power**

#### **CAF CLOSING ADDRESS**

Distinguished guests, ladies and gentlemen.

I am delighted with today's conference.

We have heard some enlightening stuff, and I think that each and all of us have gained valuable insights into the way forward for smaller air forces.

Conferences of this magnitude are not easy to organise and conduct. Any conference needs careful planning to ensure that it delivers information worthy of healthy and considered debate.

I must put on record my appreciation of the outstanding work done by GPCAPT Tony Forestier and his team at the Air Power Development Centre in pulling this conference together. The plan and the detail came together creatively and effectively.

Thanks also to the team from Air Force Headquarters, led by GPCAPT Ann Borzycki and GPCAPT Graham Bond, who have done a fabulous job in looking after our overseas guests, and who have made the arrangements for Air Force for the Airshow.

Security today has mixed appropriate, understated, menace with suitable discretion. I take this opportunity to thank GPCAPT Tony Behm for coordinating the Victorian Police and Air Force Security Police to make this conference a safe one.

As I mentioned in my opening address, these kinds of conferences do not happen without support from the industry. So to our industry sponsors:

- BAE Systems,
- Boeing,
- EADS,
- Hawker Pacific,

- L3 Communications,
- Lockheed Martin,
- Northrop Grumman,
- Raytheon,
- Thales Australia, and
- Tenix.

Again, a very sincere thank you. Your support is much appreciated.

The speakers during the day gave us some interesting and varied fare in terms of their views on *Smaller Air Forces and the Future of Air Power*. I must emphasise here the point that when I say smaller air force, I don't mean creating only small effect.

Smaller air forces of vision and sophistication, which are also well developed and practiced, can pack quite a wallop in high-end operations. They can also sustain the softer side of air power at the peacekeeping and humanitarian end.

Smaller Air Force's can make a difference to their nation's strategic weight in the world. You can be little without being little league. I'd like to think that we are.

Today's presentations have given me a number of new insights into the complexities facing smaller air forces in their application of air power in the future. Time does not permit me to provide an overview or analysis of the presentations given today and, besides, we probably all need some time to reflect on what has been said.

In any case, I believe each presentation today carried enough weight to stick in our minds. I thank each of our presenters for their thoughtful and professional insights.

I am certain that the professional competence reflected in the presentations today will translate into success in the complex security and military problems that will emerge in the future. Many of us here today will partner in addressing them.

I have already mentioned the stellar work that the Air Power Development Centre team has done in putting this conference together. But in addition to that, they have been an exceedingly busy set of people for the past fifteen months or so.

During this time they have been writing the 5<sup>th</sup> edition of the RAAF's air power doctrine, and a copy is in each of your conference packs. This new edition takes a fresh approach to describing air power for the RAAF.

The doctrine is presented in a boxed set of three thematic books, looking from our future, to our present, and forward from our past. We deliberately chose to write our doctrine from the future back. This was to ensure that our present is drawn into our future through a common framework of enduring joint warfighting functions.

Our new doctrine has been written with a very strong focus on applying air power in a joint environment to support national effects. The tenets of Australian airpower have been translated through the framework of the joint warfighting functions.

We aimed to connect air power, both for today and tomorrow, directly to the joint fight without further translation.

As you have already heard today, the first book in the series is the *The Future Air and Space Operating Concept*. As the name implies, FASOC represents the future, or emergent, component of our doctrine.

FASOC sets our preferred aim point for the future so we can start shaping today's Air Force. It does three main things:

- It describes the functions that the RAAF will perform in the future context,
- it proposes the capabilities that will be used to deliver these functions, and
- it explains how those capabilities will be integrated into joint, coalition and inter-agency operations.

FASOC translates the ADF's enduring joint warfighting functions into an air view focused by our preferences and intentions for the future RAAF.

The second book—*The Air Power Manual*—is a guide to what we do now. It is our current doctrine.

*The Air Power Manual* captures the ways and means we apply to succeed in operations. It gathers those ways into a collected wisdom.

It describes the breadth of those air power activities our Air Force must conduct to deliver our part of military and national security operations. It includes the organisational and operational dimensions.



*The Air Power Manual* underscores the need for us to be able to adapt and shape the force for the future, while in parallel meeting our current operational requirements. *The Air Power Manual* is the foundation for our professional training and education to ensure that we remain professional masters able to employ air power both effectively and efficiently.

The third book—*The Australian Experience of Air Power*—is not just a work of history but, more importantly, is an applied historical analysis.

It presents a unique and concise view of the doctrinal, organisational and operational maturation of our Air Force over time.

*The Australian Experience of Air Power* captures more than 90 years of our air power experiences, as well as presenting the ‘so what’ component that is so often missing in many historical works.

Analysing our history enables us to better understand our present and shape our future.

The enduring thread in the three books is the crucial part people, through their professional mastery, values and character, play in the development of an efficient and effective Air Force.

Professional mastery is the combination of individual technical mastery plus a broader knowledge of the development and application of air power.

Professional mastery underpins every action that our Air Force undertakes, and I believe is a pivotal point of difference that a smaller air force like ours can leverage from to maintain its edge.

The 5<sup>th</sup> Edition of our doctrine is a guide for our people to help them maintain and further develop their professional mastery.

So, it is with a great deal of pride that I now officially release the 5th edition of the RAAF’s air power doctrine. I believe that the books have wisdom in them and I am confident that they will be put to good use by the members of my Air Force, the other Services, the Department of Defence, other national security agencies, and educational and decision-making bodies within Australia.

I believe the doctrine will have value to our industry partners, to enable understanding and transparency.

I believe the doctrine will have value to other air power and military professionals across the globe, and I commend the 5<sup>th</sup> edition of the RAAF's air power doctrine to you.

To close, distinguished guests, it has been an absolute pleasure to host you at the 2007 Chief of Air Force Airshow Conference.

I have really enjoyed today's conference, as I trust you have, and I look forward to sharing a good dinner with you tonight, and seeing you at the Airshow.

Cooee

(1300 words)