

WINGS

SUMMER 2024
VOLUME 76 NO. 4

PASSION AND COMMITMENT

AUSTRALIA'S INTERNATIONAL AIRSHOW



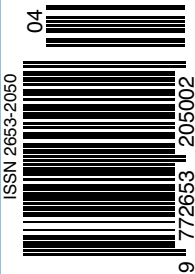
ADDED ADVANTAGE

3D PRINTING IN AEROSPACE

INGENUITY & INVENTION

WINNING THE BATTLE OF BRITAIN

AUS \$14.95 (Incl. GST)



AIR FORCE ASSOCIATION MAGAZINE
- ESTABLISHED 1943 -

MANAGING EDITOR'S MESSAGE



IN OUR FINAL EDITION OF 2024, I wish to acknowledge the *Wings* team for their commitment and passion in producing the magazine throughout the year. I would also like to thank the AFA, the RAAFA Publications Board and all our advertisers and contributors who provide ongoing support. Most of all, I wish to thank you, our readers.

In this edition, we continue our series on the F-35 JSF aircraft (part 2 of 3) and conclude our interview with the Chief of Guided Missile and Explosive Ordnance, Air Marshal Leon Phillips. We take a look at the developments in innovation and invention during the Battle of Britain along with more recent developments in additive manufacturing (3D printing). There is also a wonderful account of the history of the Australian International Air Show, which will be held in March 2025.

Our series on the RAAF in Vietnam continues with a story on flying Broncos, the Australian War Memorial contribution focuses on the C-130 and we pay tribute to the RAAF service of the P-3C aircraft. The Women in Aerospace article on LACW Jenny Phan, who works on EA-18G Growlers, highlights the career opportunities available in the ADF.

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Enjoy the festive season and all the very best for the New Year.

Rob Amos, Wings managing editor

EDITORIAL DEADLINES

Please send submissions and letters to managing.editor@wingsmagazine.org, including your name and details. Submissions may be edited for length and clarity. We cannot guarantee all material will be published.

EDITION	DEADLINE
Autumn 2025 (March)	13 January
Winter 2025 (July)	21 April



AIR FORCE ASSOCIATION



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The Wings Summer 2024 Edition continues to present our regular features whilst introducing some new themes. We continue with our focus on the F-35 JSF aircraft which is the second part of a three-part series.

In this edition we also continue our Interview series with Part 2 of the inaugural Interview with the Chief of Guided Missile and Explosive Ordnance (CGWEO), Air Marshal Leon Phillips.

Wings also includes articles focusing on developments in innovation and invention during the Battle of Britain, including examples of both British and Australian ingenuity. We also highlight the more recent developments in additive manufacturing or 3D printing in aerospace.

We also highlight the history and events which led to the establishment of the Avalon Australian International Air Show which will be held in March 2025.

We continue our series on the RAAF involvement in the Vietnam War with a story on flying Broncos along with a further article from the Australian War Memorial (AWM) on the C-130 and the achievements of the C-130 community. Similarly, the service and role of the P-3C aircraft, the last of which was retired in the last twelve months, is informative.

The One Giant Leap (OGL) Australia, Seeds in Space program highlights a space science experiment which had its genesis in a STEM education program.

The role of scheduled extinguishing agents and environmental responsibility in the aviation sector in ensuring aviation safety is explained whilst highlighting that safety is paramount.

Wings also focuses on the role of aviation museums and highlights the fiftieth anniversary of Australia's largest aviation museum, the Queensland Air Museum (QAM).

The Women in Aerospace article highlights the career and achievements of LACW Jenny Phan, who works on EA-18G Growlers. Her experience and achievements serve to highlight the career opportunities available in the ADF today and into the future.