

New Air Combat Capability Project Update

Williamtown Consultative Forum
5 March 2010



Scope

NEW AIR COMBAT CAPABILITY

- Overview of NACC project status
- ANEF 2025 and noise mitigation
- Summary of Draft PER
- Preview of Draft PER Supp Report
- Questions



NACC Project Approval on *Track*

NEW AIR COMBAT CAPABILITY

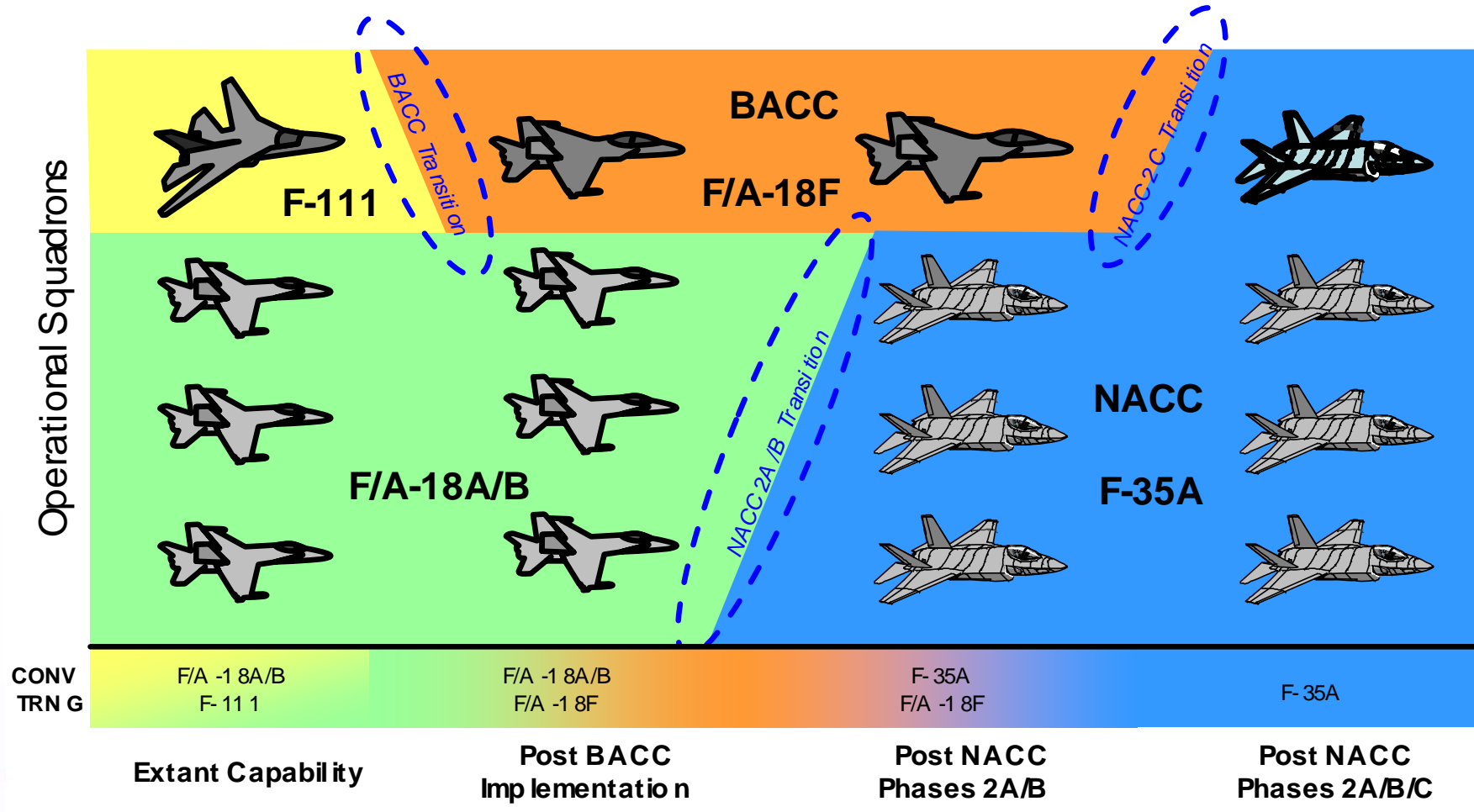
- White Paper (May 09) endorsed 100 aircraft buy
- Phased buy – Phase 2A/B no fewer than 72 aircraft
- NACC 2nd Pass approved first 14 aircraft (Nov 09)

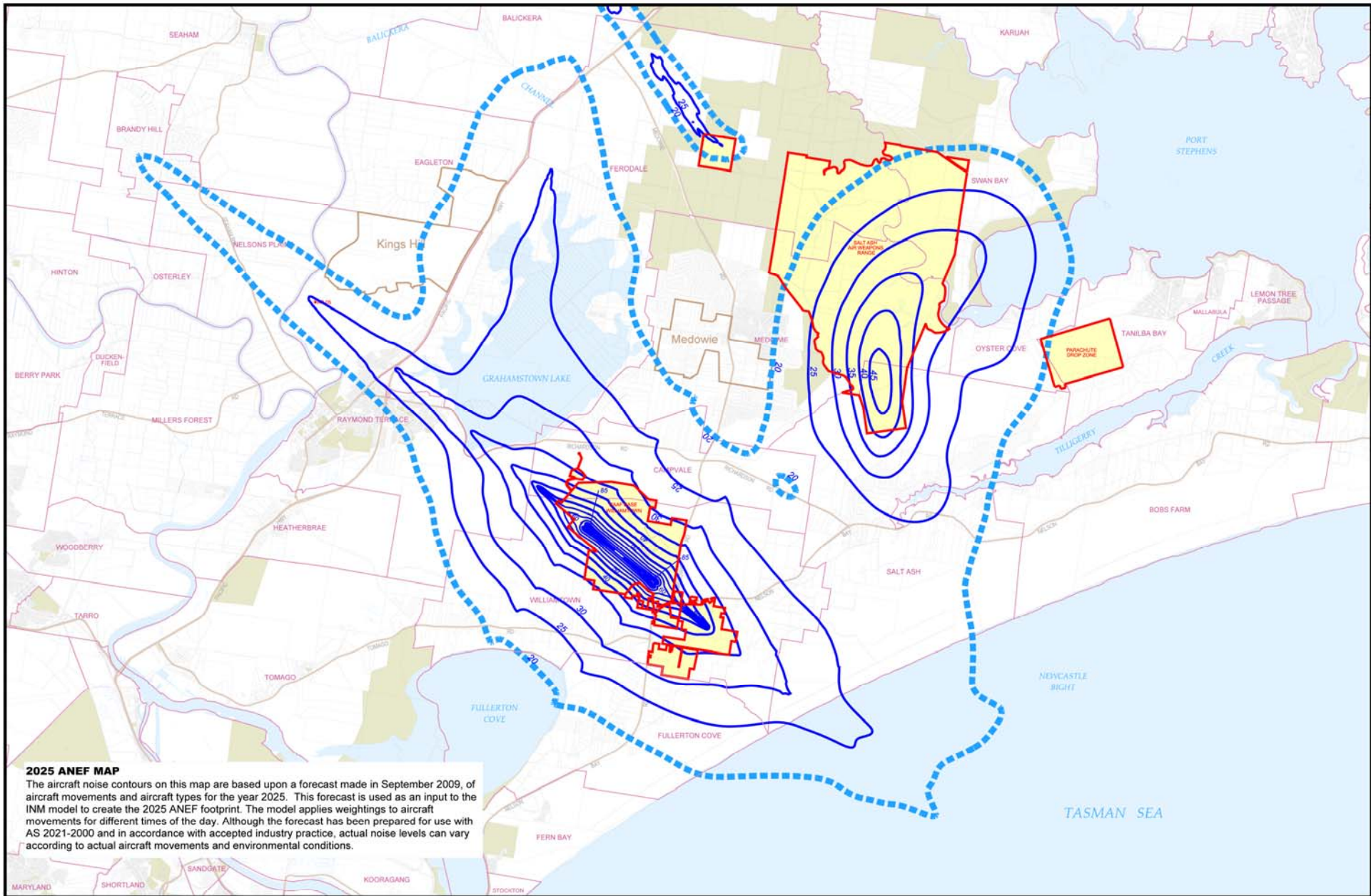
Phase 2A/B	Phase 2C (~2015)
<ul style="list-style-type: none">• 3 F-35 Op Sqns• Training Capability	<ul style="list-style-type: none">• 4th F-35 Op Sqn• Augment training

- Environmental approval and facility design work underway

NACC Transition Plan – Subject to Govt Approval

NEW AIR COMBAT CAPABILITY





2025 ANEF MAP

The aircraft noise contours on this map are based upon a forecast made in September 2009, of aircraft movements and aircraft types for the year 2025. This forecast is used as an input to the INM model to create the 2025 ANEF footprint. The model applies weightings to aircraft movements for different times of the day. Although the forecast has been prepared for use with AS 2021-2000 and in accordance with accepted industry practice, actual noise levels can vary according to actual aircraft movements and environmental conditions.



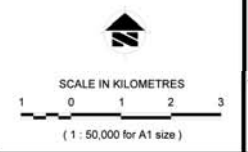
ENDORSEMENT

I am satisfied that correct data was used in the production of the Summary Report and the ANEF map, and endorse the ANEF map.

For Endorsement:

[Signature]
 (Signature) *[Title]* *[Date]*

- LEGEND:**
- - - - - 2025 ANEF CONTOURS
 - DEFENCE PROPERTY



**RAAF BASE WILLIAMTOWN & SALT ASH AIR WEAPONS RANGE
 2025 ANEF**

2025 ANEF CONTOURS

CADASTRAL DATA DATED 2007 (SUPPLIED BY THE DEPARTMENT OF DEFENCE)

SEPT 2009

ANEF2025 in context

NEW AIR COMBAT CAPABILITY

- **WLM ANEF 2025 estimates noise impacts around RAAF Base WLM and SAAWR at 2025, and includes**
 - JSF introduction
 - estimated growth in civil and military air traffic
- **Noise exposure will gradually build until 2025**
- **Looking 15 years ahead is necessarily speculative**
- **ANEF 2025 uses the best available JSF noise and operations data**
 - assumes all identified noise mitigation strategies are implemented
 - actual noise exposure will continually be refined as RAAF learns to operate the jet

Noise mitigation strategies

NEW AIR COMBAT CAPABILITY

- **WLM ANEF 2025 incorporates:**
 - Power settings – changed
 - Afterburner usage – reduced
 - Flight tracks & profiles – optimised
 - Simulation – increased capability
 - Flight frequency – assumed CONOPS
 - Deployed operations – assumed CONOPS
 - SAWR use by JSF compared to Hornet – reduced



Noise mitigation strategies

NEW AIR COMBAT CAPABILITY

- **Options subject to Government approval**
 - Runway extension – feasibility study Q2 2010
 - Concept of operations

- **Other NACC & Defence activities**
 - Engagement with local planning authorities
 - Noise land buffers
 - Development control planning
 - Communications – PR and information plans
 - Noise monitoring systems installed – to validate ANEF

Draft PER – Public Consultation

NEW AIR COMBAT CAPABILITY

- 06 Oct 09 to 24 Jan 10
- Draft PER advertised in local newspapers on 01 & 03 Oct 09
- Defence media release 05 Oct 09
- Draft PER available online, and in hardcopy at local government buildings
- TNIP available online
- Various options for comment/assistance:
 - e-mail
 - online feedback form
 - free-call enquiry number
 - community information sessions

Draft PER – Public Consultation

NEW AIR COMBAT CAPABILITY

Community information sessions held in Williamstown area

- 6 Oct 10am-12pm **Newcastle** Airport
- 6 Oct 2pm-4pm **Medowie** Baptist Community Church
- 6 Oct 6pm-8pm **Lemon Tree Passage** Bowling Club
- 7 Oct 10am-12pm **Raymond Terrace** Market Place
- 7 Oct 2pm-4pm **Lemon Tree Passage** Bowling Club
- 7 Oct 6pm-8pm **Nelson Bay** Bowling Club
- 8 Oct 11am-1pm Westfield **Kotara**

Draft PER - Public Submissions

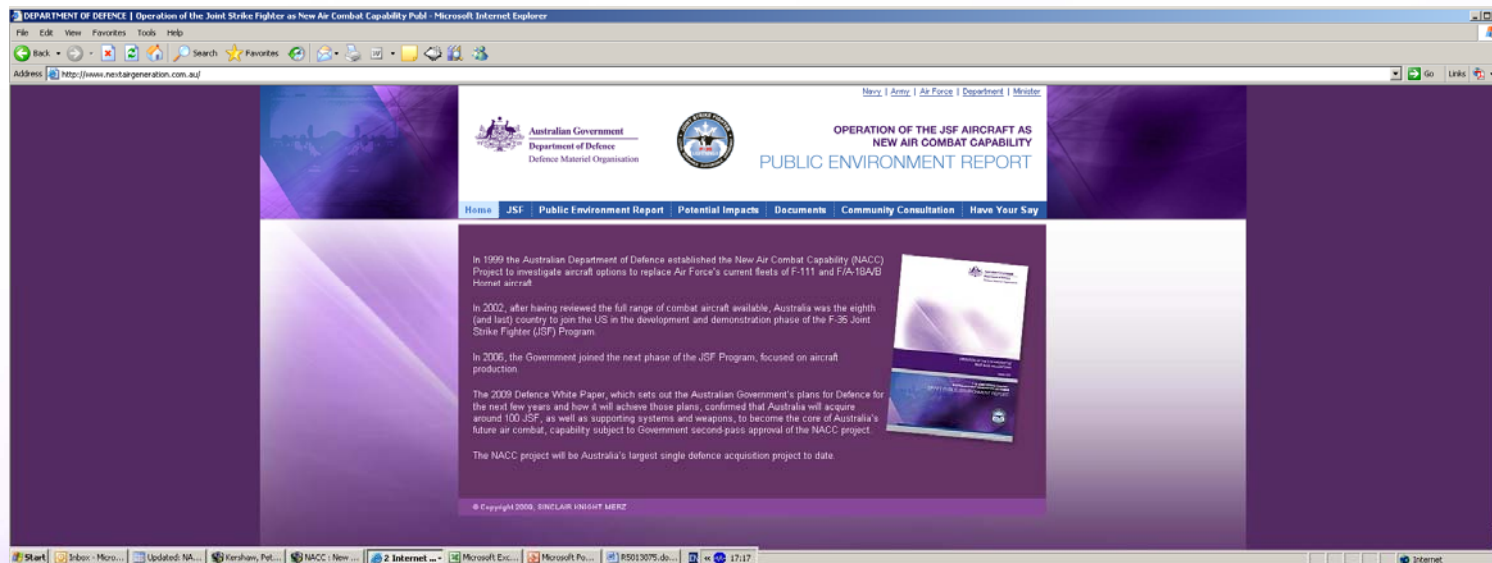
NEW AIR COMBAT CAPABILITY

- 195 registered visitors at all information sessions
- 3000 website hits
- 70 submissions from Williamstown area (2 Darwin)
- 40 sources of submissions in Williamstown
- Feedback can be grouped into several themes:
 - Parameters of JSF operations, including flight paths, use of weapons ranges and runway length
 - Noise data, impacts & mitigation
 - Noise attenuation policy
 - Compensation & property values
 - ANEF, INM and NFPMS processes
 - Human health risks
 - Errors & terminology in Draft PER
 - Defence procedures
 - Public consultation process
- Positives: industry opportunity, economic benefits
- Negatives: noise, health & safety

Preview of Supp Report

NEW AIR COMBAT CAPABILITY

1. Answers to questions raised by members of the public (where possible)
2. Clarify sections of the Draft PER that have proved confusing or apparently contradictory
3. Correct minor errors in the Draft PER
4. Lessons learned from Draft PER process



Preview of Supp Report

NEW AIR COMBAT CAPABILITY

1. Answers to questions raised by members of the public (where possible)

- Further health studies will be at discretion of DEWHA
- Alternatives to SAWR use by JSF are subject to further investigation
- Content of INM Data Report is not unclassified – cannot publish
- Reasons for runway length selection for ANEF 2025
- Reasons for flight path optimisation
- Compensation not payable based on 'forecast' noise

Preview of Supp Report

NEW AIR COMBAT CAPABILITY

2. Clarify sections of the Draft PER that have proved confusing or apparently contradictory

- The Draft PER is not the final environmental approval mechanism under the EPBC Act
- 'Discussion' regarding the value of insulation – clarify context, and reinforce authority of local planning authority
- Terminology - e.g. 'movement' VS 'flight'
- Defence processes – e.g. public notification of SAWR use
- INM and ANEF processes

Preview of Supp Report

NEW AIR COMBAT CAPABILITY

3. Correct minor errors in the Draft PER

- Inclusion of additional sensitive receivers
- Removal of 'dB(A)' from ANEF/ANEC maps
- Reproduction of all affected maps and tables

(Note – some 'errors' highlighted in public submissions were the result of misinterpretation of drawings or TNIP)

Preview of Supp Report

NEW AIR COMBAT CAPABILITY

4. Lessons learned from Draft PER process

- Public consultation followed EPBC Act requirements, however more time should be allowed for public digestion of reports prior to information sessions being held.
- Noise is the greatest source of public concern regarding JSF operations.

Immediate Timeline of Activities

NEW AIR COMBAT CAPABILITY

- 05 Mar 10** - WCF, presentation of public submissions on Draft PER
- Mar 10** - Public release of Supp Report to Draft PER
- Apr 10** - Referral of JSF to DEWHA under the EBPC Act
- May 10** - EIS/PER guidelines issued to Defence by DEWHA
- Jul 10->** - Conduct of formal EIS/PER study
- Q1 2011** - Public consultation on EIS/PER
- Q3 2011** - DEWHA approval / conditions issued to Defence
- Q3 2013** - PWC approval for facilities construction
- Q3 2014** - Commence facilities construction at Williamtown

Industry Opportunity

NEW AIR COMBAT CAPABILITY

- Williamstown contributes just over \$1B per year directly and indirectly to the Newcastle economy.
- Over \$500M in **facilities** planned at WLM
- Currently 25 Australian companies provide support to JSF global **production**
 - ~\$230m total value to date
 - billions of dollars of opportunities in production & sustainment
 - local Newcastle firm: Varley Group- Support Equipment
- Australian JSF **sustainment** solution sees WLM as the sustainment hub
 - Deeper maintenance, training, warehousing, component support, coordination of national and global operations
 - HRAC: forum for engagement to optimise local industry opportunities
 - Lockheed Martin is engaging with local industry to assess viable production and sustainment work packages

Environmental Strategy

NEW AIR COMBAT CAPABILITY

- **Defence takes seriously its environmental obligations**
 - Already engaged with DEWHA regarding requirements of EPBC Act
 - 2009 Draft PER was a voluntary Defence initiative
 - Further environmental study & consultation will be directed by DEWHA prior to any approvals
- **Investment in environmental study & consultation is included in project schedule.**
- **Defence is committed to teaming with relevant authorities and engaging with the community to get the best possible result for all.**

Questions

