Forum On Western Sydney Airport

Record of Meeting 3 9:00 am – 1:00 pm, Tuesday 21 November 2017 Penrith

Chair: Professor Peter Shergold AC

Item	Description	Key Discussion Points	Action Items
1.	Welcome from the Chair and confirmation of agenda	The Chair, Professor Peter Shergold AC, welcomed members to the third meeting of Forum On Western Sydney Airport (FOWSA) and noted that the Penrith Campus of Western Sydney University will be FOWSA's regular meeting place.	
		The Chair acknowledged apologies received (see Appendix B of this meeting record) and welcomed delegates representing two of the FOWSA members unable to attend the meeting.	
		Members were advised that three of the five Action Items from the previous meeting were to be addressed through today's proceedings and presentations (refer to Appendix A of this meeting record). In relation to the other two Action Items, the Chair advised that:	
		 additional copies of the winter Western Sydney Airport community newsletter were provided by the Secretariat to those members that requested them 	
		 the newly appointed Chair of WSA Co, Paul O'Sullivan, has agreed to attend the next meeting of FOWSA in March 2018. 	
		The Chair confirmed the Meeting 3 agenda with members and advised that the meeting record will be circulated to members for comment for a period of one week (as was undertaken for the Meeting 2 record).	
2.	Western Sydney Airport general project update	Mr Garth Taylor from the Department provided a Western Sydney Airport project update. The 'Key Activities Overview' noted:	

- WSA Co appointments: On 15 November 2017, the Minister for Urban Infrastructure, the Hon Paul Fletcher MP, announced the appointment of Mr Vince Graham AM, Ms Anthea Hammon and Mr John Weber as additional WSA Co Board members. The Board continues to progress recruitment of a CEO and other senior management roles. WSA Co offices opened in Liverpool on 20 November 2017.
- WSA Co early activities: On 3 November 2017, WSA Co announced that an agreement has been signed to enable relocation of the high voltage power line that crosses the site, and that the following three packages of work will be tendered for the main airport works program:
 - 1. Stage 1 earthworks, drainage, utilities and airside pavement;
 - 2. terminal building and associated airside and landside interface works; and
 - 3. land side roads, carparks and associated works.

WSA Co has also tendered for land surveys and geotechnical investigations. An industry information session on 5 December 2017 will provide further detail on the upcoming WSA works.

- <u>Site preparatory activities</u>: The Government has an ongoing role that
 includes site management activities such as boundary fencing, the
 removal of structures and fire hazard reduction. Work has progressed on
 several Airport Plan conditions, including: cemeteries and gravesite
 relocation (completed), archival recording of European heritage properties
 (completed), biodiversity offsets program, and Aboriginal cultural heritage
 management actions.
- Aboriginal cultural heritage stakeholder consultation: The first stakeholder forum was held on 25 October 2017. The initial focus is on development of a survey and salvage plan for items of cultural heritage value. WSA Co is responsible for preparing an Aboriginal Cultural Heritage Construction Environmental Management Plan and the Department will consult

3.	ESG update, and airspace design concepts and work	Plain Woodland endangered ecological community and other species of national and state significance. Mr Taylor proposed through the Chair a briefing for FOWSA on the offsets. In response to a question about the potential location of an Aboriginal Cultural Heritage Keeping Place, Mr Taylor confirmed that, while there is no formal obligation to develop an Aboriginal Cultural Heritage Keeping Place, the Department is committed to work in partnership with Aboriginal stakeholders, State and local government to progress the concept to see if a suitable location can be identified. Members observed that, consistent with the views expressed by Aboriginal stakeholders, an opportunity exists to deliver a facility that can provide archival storage, tourism opportunities and a meeting place. A FOWSA member familiar with families associated with the relocation of cemeteries and gravesites (now complete) noted that this activity had been sensitively managed by Government, and this was generally acknowledged by FOWSA. The Chair noted that Condition 16 of the Airport Plan provides the statutory basis for the Western Sydney Airport airspace design, the Aviation Expert Steering Group (ESG) and FOWSA. Michael Gregory from the Department provided a brief update on the work of the	
		stakeholders on the potential for establishing an Aboriginal Cultural Heritage Keeping Place. • Obstacle Limitation Surface (OLS): The airport's OLS was officially declared on 19 October 2017. Public information, including an interactive online tool, is available on the Department's website. In addition to funding Greening Australia's native seed production program (see Agenda Item 5), the Department is required to offset impacts on the Cumberland Plain Woodland endangered ecological community and other species of national	

detailed activities that will be undertaken, consultation with the aviation industry and the community, and associated timeframes for the different phases of the process. Mr Gregory noted this preliminary planning work is progressing well and that the Department will update FOWSA on its completion at the fourth meeting in March 2018.

Mr Gregory introduced Matt Shepherd, Senior Consultant from To70 Aviation consultants, who have been engaged by the Department to support planning for the airspace design for Western Sydney Airport, including development of the Statement of Works and Work Program.

Mr Shepherd provided an overview of airspace design concepts, noting that these are required to be environmentally sound, safe, efficient, and meet the capacity requirements of the Sydney basin. The presentation focused upon the capabilities and systems of contemporary aircraft and airports, flight path and airspace design, and how airspace concepts are evaluated. Information was shared on:

- improvements to aircraft capability reduced airframe and engine thrust noise, increased climb rates on departures;
- improvements in the accuracy of aircraft tracking using Global Positioning System technology moving away from ground-based technologies to satellite-based communications:
- advances in on-board flight management together with new flight path management, these facilitate continuous climb operations and continuous descent approaches, which are more efficient and less noisy;
- the operations of Standard Instrument Departures (SIDs), Standard Terminal Arrival Routes (STARs), and Instrument Approach and Landing Procedures (IALs);
- the busy and complex nature of the Sydney airspace and how basic terminal arrivals and departures operate at existing airports;

- terminal arrival models, including Open STARs, Closed STARs and Point Merge;
- the constraints imposed upon airspace design for WSA by the Sydney basin SIDs, STARs, other airports (civilian and defence) and light aircraft (including flying training areas); and
- use of computer modelling to evaluate the safety and efficiency of airspace design options (including 'Fast Time Simulation').

The Chair thanked Mr Shepherd for the presentation, and noted the challenges ahead and the time that will be required to address all of these matters.

Members were keen to explore the potential impacts of existing Sydney basin airspace (particularly where associated with arrivals and departures at Sydney Airport). It was explained that adjustments to the Sydney Airport noise sharing arrangements are not in scope under the Airport Plan airspace design principles.

Members also sought clarification on whether a preferred model for managing aircraft arrivals had been determined and whether there is scope to put some WSA arrivals onto existing Sydney Airport STARs. It was confirmed that no preferred model has been determined. This will be the subject of detailed evaluation during the Planning Phase of the airspace design. The potential for sharing STARs would also require detailed examination.

Further discussions raised the following issues:

- · aircraft separation;
- placing aircraft 'holding patterns' away from communities;
- needs of Camden and Bankstown flying training areas (and potential for access to Defence airspace);
- the mix of aircraft types accessing WSA; and
- WSA's ability to operate in adverse weather.

		Broad advice was offered that:		
		 holding patterns will be informed by environmental, safety, efficiency, and the capacity requirements of the Sydney basin; 		
		 other major airports operate in relatively close proximity to regional airports (Perth/Jandakot) and this would be the subject of further consideration in the airspace design process; 		
		WSA will be designed to cater for all aircraft types; and		
		 WSA is planned to have an Instrument Landing System that enables suitably equipped aircraft to land with zero visibility (as is currently the case in Melbourne). 		
4.	FOWSA Communication and Engagement Strategy and 2018 community engagement options	Ms Kim Forbes from the Department presented on a draft 'FOWSA Communication and Engagement Strategy – Phase 1'. This reconfirms the key role of FOWSA as a channel for the community to be engaged in the development of WSA, spanning years of airport construction and the flight path design process. Phase 1 extends over one year and is focused upon "Raising awareness, Building knowledge, and Establishing trust", and builds upon feedback from FOWSA members and evaluative research. There are four objectives: Raise awareness and enthuse the community and stakeholders about FOWSA; Engage and establish trust; Consult and seek feedback; and Timely information to educate the community and stakeholders The presentation highlighted a range of communication and engagement channels, and focused upon a number of face to face engagement methods, with more detailed discussion on Community Pop-ups, Open FOWSA Meetings and Open Halls.	reque:	SA Secretariat was sted to: Circulate the Newsletter Distribution Strategy to FOWSA members Request feedback from FOWSA members on the FOWSA Communication and Engagement Strategy by 4 December 2017 Prepare an up-to-date timeline of the WSA project for communication purposes

The presentation also outlined digital communication and engagement methods, and had a specific focus on social media and online videos, a Community Portal Webform, and Website updates. Other channels to inform the community were referenced, with particular focus on the Community Update Newsletter.

The Chair invited FOWSA members to offer their comments on the draft Strategy. The following matters were raised:

- Are there <u>guidelines on when 'Open Halls'</u> are to be held, and can they be scheduled to allow FOWSA members to attend more than one? The Chair advised that he would write to members and advise of the proposed arrangements (with scheduled events possibly extending over a week and members able to attend more than one event: tentative dates were indicated as 30-31 May 2018 and 1-2 June 2018).
- Potential arrangements to invite non-FOWSA members to attend a part of FOWSA meetings. Members acknowledged this as a good initiative, with implementation details to be worked through.
- The need for <u>'readily accessible' information</u> tailored to the broad community, potentially including short videos to help explain the complex issues associated with the WSA project, particularly airspace design.
- Community Web portal and social media. Strongly supported as a
 means of communicating to a broader audience, potentially across the
 Sydney Basin. It was observed that this medium could potentially include
 items such as a film of selected presentations to FOWSA. The Chair
 noted it was important for FOWSA to 'engage' and not just communicate,
 and requested that the Department review what was being done by
 others across government and industry to understand what can be
 learned and applied in the context of WSA.
- <u>Newsletter</u> The Chair observed that it will be important to provide the community with greater detail on the planned delivery program for WSA. He requested that the newsletter circulation include every Western

- 4. Review different digital platforms for community engagement
- 5. Correspondence register to be placed on the web

		Sydney MP and State Member, and requested that the circulation list be reviewed out of session. • Role of Local Councils – Members discussed options available to Local Councils to increase awareness of the airport project and the role of FOWSA. Options that could be considered include a link to the WSA Project Web Site and the inclusion of the Community Update Newsletter with rates notices. At the conclusion of this agenda item, the Chair requested that FOWSA members provide written comments on the Communication and Engagement Strategy to the FOWSA Secretariat for further detailed consideration.	
5.	Biodiversity Activities	Mr Peter Flottmann, National Business Development Manager, Greening Australia, provided an overview of Greening Australia's priority national programs and the biodiversity opportunities associated with the development of Western Sydney Airport. These include the expansion of Greening Australia's Native Seed Production Area located on the Western Sydney University's Richmond campus and consolidation of seed production through the development of new infrastructure and equipment.	
		The Department of Infrastructure and Regional Development is contributing to this work through a \$10 million funding investment, as a requirement of Condition 32 of the Airport Plan. The objective is to produce a reliable and diverse supply of seed for establishing areas of native understorey and ground cover across the Cumberland Plain. Mr Flottmann noted the significance of the funding provided through the airport project and its potential to leverage further institutional investment in Western Sydney.	
		The presentation prompted discussion about opportunities for the seed production program to coordinate with, or be informed by, other research and activities led by various state, national and international organisations (e.g. the Australian Botanic Garden - Mount Annan, the CSIRO's Adaptive Liveable Cities Program, and the Lady Bird Johnson Wildflower Center in the USA).	

6.	Aircraft overflight
	noise and land use
	planning

Mr Russell McArthur, Director of the Aircraft Operations Section within the Department, and Michael Gregory presented on the Australian Noise Exposure Forecast (ANEF) System and its relationship to land use planning near airports. Issues addressed by the presentation included:

- how noise exposure values are calculated by the ANEF system;
- the statutory requirement for major airports to publish ANEF contour charts as part of their five-yearly master plans;
- land use compatibility and building construction advice in Australian Standard 2021;
- the National Airports Safeguarding Framework;
- other measures for communicating aircraft overflight noise exposure, such as the N60 and N70, which relate better to the 'lived experience' of those exposed to aircraft noise when compared to the ANEF system;
- land use planning in the vicinity of the Badgerys Creek airport site, including a comparison of long-term noise exposure contours from the 1985 Environmental Impact Statement (EIS) and the 2016 EIS;
- planning tools under the NSW Environmental Planning and Assessment Act 1979 for protecting the interests of the airport and the community in areas of high aircraft noise (i.e. Section 117 Direction No. 5.8 and Section 149 planning certificates);
- production of a formal ANEF contour chart as part of the detailed airspace and flight path design for WSA; and
- recognition of the need for ongoing consultation and coordinated planning approaches across governments (including prior to the development of a final ANEF for the airport), and for ongoing communication about noise impacts with the community using appropriate noise measures and having regard to the sensitivity of newly exposed populations.

6. FOWSA Secretariat to include an item in the Meeting 4 agenda on aircraft noise-related planning controls proposed in the Land Use and Infrastructure Implementation Plan for the Western Sydney Airport Priority Growth Area.

Discussions among members based on the presentation elicited the following points:

- individuals perceive and react to noise differently;
- perceptions of airports appear to be changing and there is a variety of reasons why people are attracted to living near an airport;
- N60 and N70 contour maps are a very powerful and meaningful way of portraying aircraft noise exposure information to the community;
- with increasing urban development in Western Sydney there will be more urban noise;
- Local Environmental Plans (LEPs) are the principal statutory documents
 that guide development and planning decisions for local government
 areas (LGAs). Of the four LGAs covered by Section 117 Direction No. 5.8,
 Wollondilly Shire Council's LEP may be the only one that doesn't
 reference specific controls on permissible development in areas forecast
 to be affected by aircraft noise from operations at Western Sydney Airport.
 Notwithstanding this, Wollondilly Shire is aware of and seeks to comply
 with the Section 117 Direction; and
- the Australian Government has no jurisdiction over land use planning outside the airport site; however, the government recognises the need to integrate and consult with planning authorities, including the Greater Sydney Commission, to ensure airport and community objectives are met.

Garth Taylor notified members that the Greater Sydney Commission is expected to release a Land Use and Infrastructure Implementation Plan for the Western Sydney Airport Priority Growth Area before the next meeting of FOWSA. The plan will address land use zoning within the ANEF 20 zone. The Chair agreed with Mr Taylor's suggestion of reporting on the plan and its zoning requirements at the March 2018 meeting.

7. Western Sydney Airport employment report

The Chair welcomed Mr Oliver Jones and Mr Luke Wedding from Ernst & Young, who provided an overview of the Western Sydney Airport Labour Market Analysis, which was completed in August 2017. The analysis covered:

- the gross number of jobs;
- the likely sector they fall in;
- occupation type; and
- the necessary skills required to fill these jobs.

The results were compared against current labour market conditions to provide an indication of the opportunities that exist for supporting local skills development and employment growth. The analysis looked at the gross number of direct and indirect jobs during both the construction and operational phases, including employment located at the business park within the airport site. It was reported that total direct and indirect jobs generated by the airport operations and business park are now conservatively estimated at 11,346 during construction (2018-26) 27,948 for airport operations and business park in 2031, and 47,473 for airport operations and business park in 2041.

The Western Sydney Airport Labour Market Analysis is available at the Department's website (www.westernsydneyairport.gov.au).

Members sought clarification about the number of 'knowledge economy jobs' that would be created and the number of jobs expected in the broader airport precinct or aerotropolis. Mr Jones noted that for the operational phase, knowledge economy jobs are embedded largely within the estimate of total Aviation sector jobs. Mr Jones observed that knowledge economy jobs expected to establish near the airport were not included in the analysis and, therefore, the report was conservative in its estimates of the employment effects of the airport.

Members identified particular businesses that might be attracted to the airport precinct, including those in the pharmaceutical, agricultural and education

sectors, and commented that the broader employment effects would extend well beyond the airport site. Mr Jones acknowledged these comments, noting the reduced certainty in the nature of development and associated job estimates further out from the airport. It was suggested that this data should be revisited in a few years.

The Chair stated that it would also be useful to investigate the type of airport community that has developed at and around airports such as Schipol (Amsterdam, Netherlands) and Dallas (Dallas/Fort Worth, Texas, USA). Mr Jones agreed that lessons could be drawn from overseas about the industries attracted to airport precincts and the types of jobs created.

The Chair noted the public interest in knowing how many jobs will go to people in Western Sydney. It was suggested that an aspirational local jobs goal is needed. Mr Taylor indicated that WSA Co is responsible for setting specific targets for local jobs, workplace diversity, trainee and apprentice opportunities.

The Chair thanked Messrs Jones and Wedding, commenting that the presentation was very helpful and that FOWSA would look with interest into these matters again.

8. Other business

The Chair noted the Department's establishment of a FOWSA correspondence register. A copy of the register was made available to members. The register will maintain a record of correspondence received by either the Secretariat or individual FOWSA members that raises complex or technical issues, which the Department is well positioned to address. It will also record other key pieces of correspondence that may be of interest to members or have implications for the work of FOWSA.

The Chair drew attention to correspondence from the Blue Mountains City Council inviting him to a meeting about a recent report commissioned by the Council on

9.	Upcoming meetings	will be responding positively to the invitation and will see whether he can use the opportunity to meet with other representative organisations in the Blue Mountains. Attention was drawn to questions posed in correspondence to the Department from Penrith City Council. In response to a question as to how this type of correspondence would be handled, Mr Taylor stated that, unless confidentiality was requested, the Department proposed to post advice on its website to make the information available to the public. The Chair invited Bob Germaine from Regional Development Australia (RDA) to inform members about the release of RDA's Virtual Sydney 3D online tool. Mr Germaine advised that the Minister for Urban Infrastructure, the Hon Paul Fletcher MP, had officially launched the model at Liverpool the previous day. A video showing the model's capabilities was presented and members were instructed on how to access the model online via the RDA's website. Members were advised that the dates locked in for Meetings 4 and 5 are: • Friday, 16 March 2018 and • Friday, 15 June 2018.	7. FOWSA Secreta to invite the Great Sydney Commission or a organisation with knowledge of the Western Sydney City Deal to prese at FOWSA Meeting 4.	vite the Greater ney
		The Chair confirmed that Paul O'Sullivan would update members on the roles and responsibilities of WSA Co at the next meeting. An invitation would also be extended for a representative of the Greater Sydney Commission or an organisation with knowledge of the Western Sydney City Deal to attend the meeting. The Secretariat was asked to prepare a meeting agenda for the Chair's consideration. FOWSA members were invited to nominate who they would like to hear presentations from at future meetings so that members are suitably informed about issues of relevance to the forum. Groups, organisations or topics that were suggested during the discussion included:		wledge of the stern Sydney Deal to present OWSA

- Aircraft Noise Ombudsman (oversight of aircraft noise-related community consultation and complaints);
- Greater Sydney Commission (strategic regional planning);
- Aboriginal cultural heritage (NGO / Traditional Owners' perspective);
- Blue Mountains Tourism;
- Northrop Grumman (representing industry attracted to the airport precinct);
- Western Sydney University / TAFE NSW / Sydney Science Park (education and R&D);
- Road and rail transport network and how the airport fits into the concept of a 30-minute city; and
- Food and agricultural groups.

Members were invited to advise the Secretariat about suggested individuals or organisations that could contribute to FOWSA's deliberations by **COB Monday**, **7 December 2017**.

Status of Action Items

Meeting 1, 26 May 2017

Action Item Number	Action Item	Status
1	FOWSA Secretariat to distribute the link for Western Sydney Airport Community Update newsletters to members.	Completed.
2	FOWSA Secretariat to include an item in the Meeting 2 agenda for discussing FOWSA's communications strategy.	Completed.
3	FOWSA Secretariat to distribute member email addresses and biographies to members.	Completed.
4	FOWSA Secretariat to distribute meeting papers to members electronically at least one week in advance of FOWSA.	Ongoing.

Meeting 2, 29 August 2017

Action Item Number	Action Item	<u>Status</u>
1	FOWSA Secretariat to distribute the latest Western Sydney Airport community update newsletter to members that have requested copies.	Completed.
2	FOWSA Secretariat to include an item in the Meeting 3 agenda on finalising FOWSA's communications strategy, including options for FOWSA engagement with the broader community in 2018.	Completed.
3	FOWSA Secretariat to include an item in the Meeting 3 agenda that presents on aircraft overflight noise measurements, especially the ANEF system, in the context of land use planning for Western Sydney Airport.	Completed.
4	FOWSA Secretariat to confirm the availability of WSA Co Chair, Mr Paul O'Sullivan, to brief members at an upcoming meeting.	Completed.
5	FOWSA Secretariat is to confirm the availability of members for the dates proposed as options for Meeting 4 and 5 of FOWSA in 2018.	Completed

Meeting 3, 21 November 2017

Action Item Number	Action Item	<u>Status</u>
1	FOWSA Secretariat to circulate the Newsletter Distribution Strategy to FOWSA members.	To be completed.
2	FOWSA Secretariat to request feedback from FOWSA members on the FOWSA Communications Strategy by 4 December 2017.	To be completed.
3	FOWSA Secretariat to prepare an up-to-date timeline of the WSA project for communication purposes	To be completed.
4	FOWSA Secretariat to review different digital platforms for community engagement.	To be completed
5	FOWSA Secretariat to place the correspondence register on the web.	To be completed
6	FOWSA Secretariat to include an item in the Meeting 4 agenda on aircraft noise-related planning controls proposed in the Land Use and Infrastructure Implementation Plan for the Western Sydney Airport Priority Growth Area.	To be completed
7	FOWSA Secretariat to invite the Greater Sydney Commission or an organisation with knowledge of the Western Sydney City Deal to present at FOWSA Meeting 4.	To be completed

Attendees

Professor Peter Shergold AC (Chair) - Chancellor, Western Sydney University

Ms Anne Stanley MP - Federal Member for Werriwa

Ms Karen Correy - Office of Senator the Hon Marise Payne

Ms Debby Dewbery – Office of Mr Christopher Patterson MP (NSW)

Ms Alison Morgan - Director, Sydney Region, New South Wales Department of Premier and Cabinet

Ms Kiersten Fishburn – CEO, Liverpool City Council

Ms Fiona Mann - Strategic Activities Planner, Hawkesbury City Council

Mr Luke Nicholls - Director, City and Community Outcomes, Blue Mountains City Council

Mr Gordon Henwood – Resident of Mulgoa

Ms Joanne Bromilow - Resident of Blaxland

Mr Jacob Idiculas – Resident of Bossley Park

Mr John Walton - Resident of Silverdale

Mr Wayne Willmington – Resident of Luddenham

Mr Bob Germaine - Executive Officer, Regional Development Australia Sydney

Mr Mike Higgins - CEO, Regional Aviation Association of Australia

Ms Lee de Winton - CEO, Sydney Metro Airports Bankstown and Camden

Apologies

Senator the Hon Marise Payne - Senator for New South Wales

Dr Mike Freelander MP - Federal Member for Macarthur

Mr Christopher Patterson MP – New South Wales State Member for Camden

Ms Adriana Care – Resident of Camden-Narellan

Mr Damian Callachor - Senior Manager, Government Industry and International Affairs, Qantas

Mr Adrian Slootjes - Manager, Air Traffic Management and Meteorology, Virgin Australia

Mr David Borger - Western Sydney Director, Sydney Business Chamber

Mr Paul Tosi – former General Manager, Campbelltown City Council

Cr John Thain - Mayor, Penrith City Council