

P L A N E

TALKING

ADELAIDE AND PARAFIELD COMMUNITY AND STAFF NEWSLETTER DECEMBER 2012

PG 1 PARAFIELD
MASTER PLAN
APPROVED

PG 3 TIGER'S RETURN

PG 6 JOHN'S FINAL
DEPARTURE

PG 12 WHAT ARE
MICROBATS?



CONTENTS

Parafield Airport Draft Master Plan approved	1
New Landside Infrastructure Project milestone	2
Emirates jets in to Adelaide	3
Tiger makes its long awaited return	3
Christchurch and Adelaide Airports combine forces	4
20-year celebration for Honk Kong link	5
Singapore to fly 12 times a week	5
Malaysia Airlines award	5
Final boarding call for John McArdle	6
Flight Training Adelaide celebrates 30 years - secures Virgin Australia training contract	7
Family fun in the park this summer	8
Sculptures by the Sea	9
AAL supports local sailors	9
Supporting the Adelaide Festival	9
Santa's Escape Claus(e)	10
Choose your holiday of a lifetime	11
Another Property Council Award	11
Environment Manager's message	12
Research into airports' microbats	12
UniSA - Parafield Airport Vernal Pools Partnership	14

If you have any questions or comments in regard to activities at either Adelaide or Parafield Airports, contact, Adelaide Airport Limited, 1 James Schofield Dr, Adelaide Airport, SA, 5950 Telephone 08 8308 9211 Fax 08 8308 9311 email:editor@aal.com.au www.adelaideairport.com.au



Mark Young

MD'S COMMENTS

It's been a very busy 2012 for Adelaide and Parafield Airports, with the year ending in a positive fashion.

Many of you would be aware of the more high profile successes - among them the attraction of Emirates and the completion of the multi-level car park.

It was a pleasure to join Tourism Minister Gail Gago and SA Tourism Commission Chair Jane Jeffreys in welcoming Emirates' first flight from Dubai on 1 November. Earlier on the same day we welcomed back Tiger Airways, which has resumed twice-daily flights to Melbourne.

We also were informed by Singapore Airlines they will increase their schedule to 12 flights a week from July 2013.

We recorded the highest international passenger growth of all Australian airports in the past financial year. We currently have 45 scheduled international flights operating out of Adelaide each week as we head into the busy Christmas period.

Where our target was once to secure daily services on international routes, we're now seeing double daily services up to three days a week, particularly over the peak summer (northern winter) period.

We're also now seeing a positive turnaround in our domestic passenger numbers after a challenging 2011/12 due to airline upheavals and subdued economic conditions.

On the ground, the new short term car park has been operating smoothly, and buses, taxis and chauffeured vehicles are in the process of transitioning across to new dedicated facilities to the west of

the pedestrian plaza. Both the upper and lower level roadways directly out the front of T1 are now closed, and I again thank our tenants and regular airport users as we implement these important changes.

The Federal Minister for Transport approved the Parafield Airport master plan in early November. An extraordinary amount of work has gone into preparation of this document, and I thank all involved for their efforts.

I would like to congratulate two of our highly valued customers for reaching important milestones - firstly to Cathay Pacific which celebrated 20 years of international flights to Adelaide, and secondly to Flight Training Adelaide for its 30-year anniversary - both great achievements.

This month we farewell our Executive GM Corporate Affairs, John McArdle after an incredible 48-year career in aviation. John would be known to just about all of you, not just in his AAL role and as Editor of Plane Talking, but in his national role as Chairman of the Australian Airports Association for several years. His experience and passion for his work will be missed.

Finally, I would like to acknowledge the support and commitment of our staff in what has been a year of change and progress and to wish all of our staff, stakeholders, shareholders and community a happy and safe festive season.

Mark Young
Managing Director
Adelaide Airport Ltd

PARAFIELD AIRPORT DRAFT MASTER PLAN APPROVED



Parafield Airport Ltd Managing Director, Mark Young, has welcomed a decision by the Federal Minister for Transport, Anthony Albanese, to approve the Parafield Airport 2012 Draft Master Plan.

"This is a good result for the airport, its stakeholders and the local community. We will continue to learn from our ongoing consultation, and will work through the requirements set out by the Minister in his approval of the draft master plan," Mr Young said.

"We're pleased by the Minister's acknowledgment of the work already

being undertaken by Parafield Airport's Technical Working Group, and note his expectations that Parafield Airport Ltd set up a taskforce that would fit within our existing robust consultation framework.

"Importantly, this approval gives us certainty as we look to the future of the airport."

Minister Albanese said the Master Plan sets out the airport's strategic direction and intended uses over the next 20 years.

"I am confident that approval of this Master Plan will support Parafield Airport in remaining a vital piece of aviation

infrastructure, while also being mindful of its place as part of the community accountable to its neighbours," Mr Albanese said.

Parafield Airport is a significant employer and contributor to the economy of South Australia. As the home base for Flight Training Adelaide, UniSA Aviation Academy and TAFE SA, the airport provides pilot training facilities for Virgin Australia, QantasLink and Cathay Pacific.

Over the next 20 years Parafield Airport will create an additional 1,000 jobs. The airport is expected to contribute \$296 million to the economy by 2032.



NEW LANDSIDE INFRASTRUCTURE PROJECT MILESTONE

Adelaide Airport's Landside Infrastructure Project, incorporating the new multi-level car park and pedestrian plaza, has reached another milestone with the relocation of bus parking and chauffeured vehicles to a new purpose built facility and the permanent closure of Andy Thomas Circuit.

Taxis are moving to new facilities, to the

west of the pedestrian plaza, early in the New Year, while work on the pedestrian plaza is also nearing completion.

Both taxis and chauffeured vehicle will move to a cashless electronic tag system for payment of the Adelaide Airport Taxi Levy, and a new taxi holding area has been constructed near the intersection of Frank Collopy Ct and Sir Hubert Wilkins Rd.

With the closure of Andy Thomas Circuit, Qantas Valet customers and deliveries to the northern end of T1 will be directed via James Schofield Drive and the Western Link Rd.

AAL has been communicating with and providing maps to all key stakeholders and airport users as the latest changes come into effect.

EMIRATES JETS IN TO ADELAIDE

Adelaide Airport welcomed its first scheduled non-stop Emirates service from Dubai on November 1.

On hand to meet the inaugural service were Adelaide Airport Limited Managing Director Mark Young, SA Minister for Tourism, Gail Gago and SA Tourism Commission Chair Jane Jeffreys.

They greeted Emirates' Senior Vice President Commercial Operations Far East & Australasia Salem Obaidalla who flew in on the first service.

The 354-seat Boeing 777-300ER will fly four times weekly between Adelaide and Dubai, increasing to a daily service in February 2013.

Emirates also flew to Adelaide in September for a special media and trade event in T1.

Premier Jay Weatherill said the arrival of Emirates to Adelaide was a significant boost for South Australia, and the economic impact was estimated at \$40 million in direct expenditure and more than 200 jobs over the next two years.



Trade visit: (l to r) Barry Brown (Emirates), Mark Young, Salem Obaidalla and Paul Jury (Emirates)

TIGER MAKES ITS LONG AWAITED RETURN



Adelaide Airport has welcomed back Tiger Airways Australia, which started flying twice daily return services between Adelaide and Melbourne's Tullamarine Airport from November 1.

Adelaide Airport Ltd (AAL) Managing Director, Mark Young, welcomed the return of Tiger Airways and increased capacity between the two cities.

"Tiger's return provides a greater choice

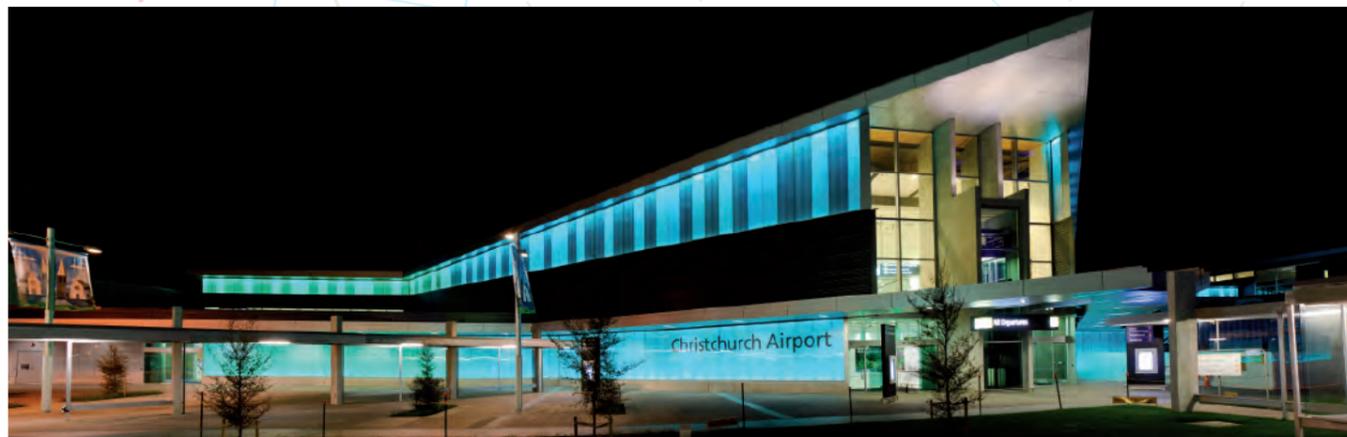
of flights for our customers. We anticipate it will create healthy competition, particularly in the low cost carrier market, which will benefit passengers flying to and from Adelaide," Mr Young said.

"It reflects the ongoing growth of Adelaide Airport's business across our domestic and international sectors, as well as confidence in the strength of the South Australian economy."

CHRISTCHURCH AND ADELAIDE AIRPORTS COMBINE FORCES



Adelaide Airport



Christchurch Airport

The airports of Christchurch and sister city Adelaide have announced they will work together to secure a direct air service between the two cities.

A Memorandum of Understanding (MoU) has been signed to link one of the largest un-serviced routes between major cities in Australasia, with the intention of benefitting business, freight and tourism of both cities.

Christchurch Airport CEO Jim Boulton said both airports had been keen to cement a formal agreement to investigate and encourage an airline to take up the route.

"The recent new Open Skies policy over Christchurch until mid-2017 means any carrier can consider this opportunity, depending on its own air service agreements with Australia," Mr Boulton said.

"The support package we'll offer the first airline to serve the route is valued at \$7.5m NZD (\$6.18m AUD) depending on the exchange rate at the time. It's based on a daily service, as well as other assumptions which we'll work our way through with the airline which takes up the opportunity."

The MoU allows both airports to jointly pursue stakeholder engagement and encourage an airline to start flying the route.

In the past year, approximately 38,910 people travelled between the South Island and South Australia. Research shows considerably more would travel between both points if they could fly direct, which supports the argument for a new service. This suggests a direct daily service would have considerable uptake and could be

worth as much as \$30m NZ (\$24.7m AUD) to the regional and South Island economy.

Adelaide Airport Ltd Managing Director Mark Young said a direct air service was very appealing. He said there were many common attributes between the two cities, not least a sister city relationship of more than 40 years.

"A direct air service to Christchurch Airport will definitely be an attractive offer to South Australians. They know Christchurch is on the doorstep of a winter playground, as well as beaches and outdoor adventures in the summer," Mr Young said.

"The opportunity also exists for New Zealanders to experience Adelaide for its cosmopolitan atmosphere, great wineries, eco-tourism and gateway to the Outback."

20-YEAR CELEBRATION FOR HONG KONG LINK

Cathay Pacific has celebrated 20 years of services to Adelaide with a cake cutting ceremony on October 4.

The event provided an opportunity to reflect on Cathay's success, but also to look forward to the future.

Cathay was one of the first international airlines to service Adelaide from the old

international terminal, affectionately known as the 'tin shed'. In 1992, just over 200,000 international passengers passed through Adelaide Airport. Today that figure has more than tripled to in excess of 630,000 passengers per year.

In recent years, Adelaide Airport has experienced double-digit international



Karyn Kent (SA Tourism Commission), Dominic Perret (Cathay) and Vince Scanlon (AAL)

passenger growth, and this success has been in no small part due to the vision and foresight of Cathay Pacific.

Cathay currently flies daily services non-stop between Adelaide and Hong Kong.

SINGAPORE TO FLY 12 TIMES A WEEK IN JULY



Singapore Airlines, South Australia's largest international airline, is increasing its non-stop services from Adelaide to 12 flights per week from 4 July 2013.

The flight, to be operated by an Airbus A330 aircraft offering the airline's latest medium haul business class product, will allow customers in South Australia even greater choice to travel seamlessly through to destinations in Europe and Asia.

Singapore Airlines' Regional Vice

President South-West Pacific Mr Subhas Menon said, "We are delighted to announce a further increase in services to Adelaide to 12 a week. The additional services will optimise connectivity between Adelaide and our global network."

"Having started operations to Adelaide back in 1984, we have been a long-standing fixture in local skies and we are pleased that we can offer additional choice to our loyal South Australian customers."

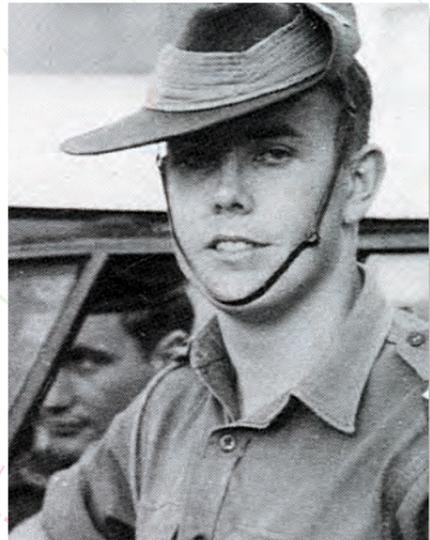
MALAYSIA AIRLINES AWARD

Congratulations to Malaysia Airlines' Adelaide team for winning the carrier's prestigious 'Anugerah' Award for 'Best International Station'. The award recognises all aspects of the airline's operations including customer services, ticketing and reservations, ground handling and on-time running.

Malaysia Airlines is currently operating a daily service between Adelaide and Kuala Lumpur over the summer peak period.



FINAL BOARDING CALL FOR JOHN MCARDLE



John McArdle has left the building. After 48 years in aviation working for both the Federal Airports Corporation and Adelaide Airport Ltd, AAL's Executive General Manager Corporate Affairs has retired and been farewelled by colleagues and major industry players, and congratulated for his extraordinary contribution to the industry.

Plane Talking asked John to talk about his career and the secret to his longevity in the industry:

When did you start, and what was your first job?

I commenced on the Tuesday after the October long weekend in 1964 as an assistant finance clerk in the then Department of Civil Aviation South Australia/Northern Territory Region, processing claims for payment.

What do you believe have been the standout changes in the industry since that time?

The greatest changes have been the privatisation of Australia's major airports, the abolition of the two airline policy and the acceptance and affordability of air travel as the preferred mode for the 'now' society.

What's the secret to such a long career?
A passionate belief that you are doing something worthwhile with a group of people that share the same beliefs.

Did you ever consider a career change, or have you 'moonlighted' in other industries aside from aviation?

A career change was never on the agenda but I did complement my career by undertaking some other activities including working as a disc jockey, MC'ing weddings, and lecturing in airport management and operations at Adelaide TAFE.

What have been your other passions away from aviation?

My family have been an underlying support and passion as well as public speaking, golf, fine foods and wine.

What have been the most memorable moments in your job?

The most memorable moment of my career is being part of the team that put Adelaide airport on the map and by default, played a significant role in changing the misguided perceptions about South Australia. In addition, being able to

travel around this great country of ours particularly as the National Chairman of the Airports Association rates high.

Did you have any particular mentor or people of influence who helped you along the way?

As you would expect I have met and been influenced by many hundreds of people as I believe a little of everyone we meet 'rubs off' on us - however those that stand out who steered me in the right direction would be Phil McCulloch, Doug Bowbridge, Jack Moffatt, Ken Keech and more recently Phil Baker, and to each of them I am extremely grateful.

What's something that people may not know about you, even after 48 years?

They may not know that I joined a religious teaching order for a small time.

What are your future plans?

While not actively chasing work I am prepared to provide advisory services to the aviation and associated industries. Also the vegetable garden and grounds will require ongoing maintenance.

FLIGHT TRAINING ADELAIDE CELEBRATES 30 YEARS - SECURES VIRGIN AUSTRALIA TRAINING CONTRACT

Parafield Airport training provider, Flight Training Adelaide (FTA), has celebrated 30 years in business.

And the future of the company looks even brighter, with the first intake of cadet pilots from Virgin Australia beginning their training last month.

Starting as a small flight school in 1982, the company now has 45 training aircraft and 175 full time employees catering for 300 students. Its annual turnover of \$30 million makes it the biggest training provider of its type in Australia.

The company's biggest clients include Cathay Pacific, QantasLink, Virgin Australia

and Dragonair. Past customers include British Airways, Qantas, Emirates and China Airlines.

CEO Pine Pienaar said FTA was a world renowned brand, and he put its success down to its staff and its ability to innovate and adapt to the forces in the aviation industry.

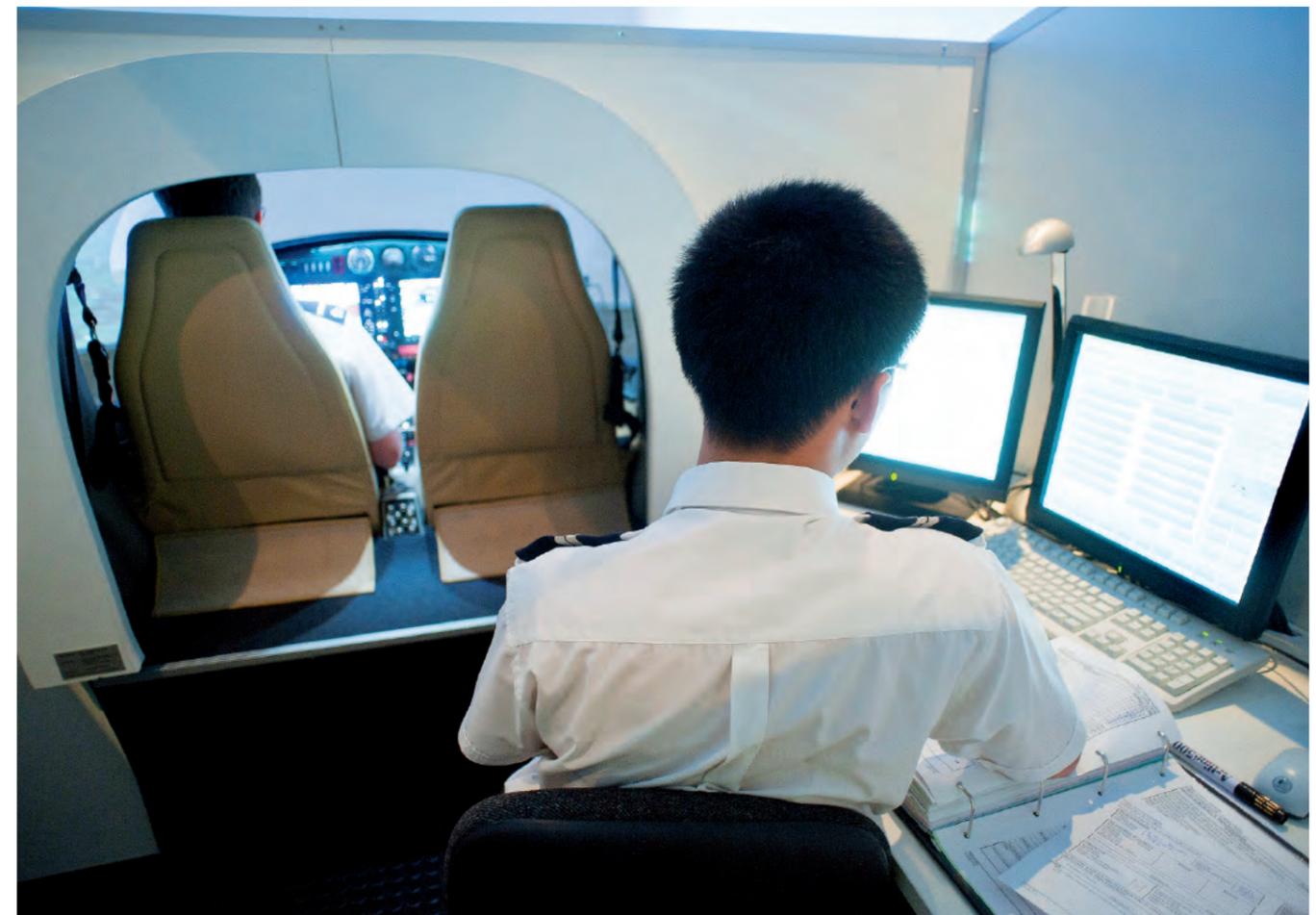
FTA's most recent 'win' was picking up the flying training contract for Virgin Australia.

"This was a 'green fields' contract, making it a big win for us. It confirmed to us that industry was recognising us as a benchmark provider of quality flight

training at a competitive price," Mr Pienaar says.

"We are passionate about what we do and we are fortunate to experience the reward of our efforts almost every time we fly in a commercial jet. There is something very comforting knowing that someone in the aircrew upfront in the cockpit might be a product of FTA."

The company already has a generic Boeing 737-800 flight training device, another on order, and also is awaiting delivery of an Airbus A320 flight training device. The school has a further five smaller simulators on the premises.



FAMILY FUN IN THE PARK THIS SUMMER

The West Torrens Memorial Gardens will be a hive of activity this summer when Council stages its annual Adelaide Airport Limited Summer Festival.

The free family-focussed festival will give local residents the chance to celebrate summer outdoors with both movies and music events planned. This year there will also be community markets at each event where local stall holders will sell a range of goods.

Kicking off on Saturday 22 December with the Christmas movie 'The Polar Express', the Summer Festival gives locals the chance to relax and unwind in a family atmosphere.

"It's the fourth consecutive year that Council has received financial support from Adelaide Airport for the event and we're very grateful," Council Chief Executive Officer Terry Buss said.

"Their backing of this festival means that we can offer our community free

quality entertainment through a range of summer activities.

"During the years the Summer Festival has grown to include entertainment for a variety of personal tastes, and the financial support from Adelaide Airport makes this possible."

Events begin from 6pm and food and drinks are available for purchase. Residents are encouraged to bring their own rugs, chairs and picnics if they wish.



SCULPTURES BY THE SEA

The Adelaide Airport Brighton Jetty Classic Sculptures exhibition and competition is an annual 10-day event held in January/February, showcasing local artists through a public display of works along the Brighton beach foreshore, the Brighton Surf Life Saving Club and surrounds in metropolitan Adelaide.

The partners for this event are the Brighton Jetty Classic Sculptures exhibition and competition - inspired by the Brighton Surf Life Saving Club and its membership - and naming rights sponsor Adelaide Airport Ltd.

Adelaide Airport Brighton Jetty Classic Sculptures has been developed and organised by a committee made up of volunteers from the surf life saving club, the local community and South Australia's arts community.

The event provides the South Australian community, as well as interstate and overseas visitors, with access to a world class art exhibition at the Brighton beach venue. It engages a diverse and broad cross-section of the community on a daily basis due to its position on the foreshore, and is enjoyed by beach goers and walkers of all ages.

AAL SUPPORTS LOCAL SAILORS

Adelaide Airport Ltd is proud to be a gold supporter of the upcoming 70th Australian Sharpie Sailing Championships in Adelaide.

More than 200 sailors and their families and friends are expected to converge on the Brighton & Seacliff Yacht Club between 27 December 2012 and 5 January 2013 for what is anticipated to be one of if not the biggest yachting events of the South Australian Summer.

The Australian Sharpie is a three-person sailing dinghy which has evolved from the 12-square-metre class sailed in the 1956 Olympics in Melbourne. The boat is 19 feet 11 3/4 inches long, with a planing hull and a single mast.

This regatta only comes to South Australia once every six years and some of the most high profile sailors from around the world will be competing. Spectators are welcome to come down to the yacht club and see why sailing was Australia's most successful sport at the London Olympics.

SUPPORTING THE ADELAIDE FESTIVAL

Adelaide Airport Ltd (AAL) has again signed up as a Presenting Partner for a high profile international show at the Adelaide Festival.

In 2013, AAL will be presenting 'One Man, Two Guvnors' from the UK. The show, described as a glorious celebration of British comedy featuring slapstick, satire, songs and glittering one-liners, has been a smash hit on Broadway and the West End.

AAL has been a long-time supporter of the Adelaide Festival because it provides the opportunity to promote the airport to an international audience.

SANTA'S ESCAPE CLAUS(E)

Did you know Adelaide Airport is one of the few places in Australia where you can shop for Christmas presents on Christmas Day?

Even Santa could sneak in to pick up a few gifts for naughty kids who repent in the early hours of Christmas morning!

This last minute shopping strategy is certainly not recommended, but no matter when you're flying out or in for turkey with the in-laws, Adelaide Airport has a great range of gifts to satisfy even the pickiest family member.

From perfume to premium wine, or scarves to sunnies, Adelaide Airport's T1 has a great range of stores offering both popular and unusual gift ideas. And in some cases they'll even gift wrap your purchase on the spot (a lot easier than on the aircraft!)

Here are just a few of the stores and a selection of gifts they offer:

AUSTRALIAN WAY - Jewellery, apparel, Aboriginal arts and crafts, Australian-made chocolates, toys.

BIJOU TERNER - Watches, sunglasses, costume jewellery, silk ties, handbags, home accessories, scarves and shawls, children's items, small leather goods.

BLUE ILLUSION - Women's fashion, shoes, homewares, inspirational books, music, aromatherapy and body products.

COCOLAT - Handmade truffles.

ICONS SA - South Australian gourmet food and wine.

PURELY AUSTRALIAN - Australian clothing, ugg boots, bags and accessories.

PURELY MERINO - Merino wool designer clothing and homewares.

RIP CURL - guys and girls swimwear and surfwear, watches, footwear, bags, eyewear and accessories.

SHADES - Sunglasses and accessories.

SMIGGLE - Colourful stationery.

TIE RACK - For her: silk, cotton, wool and polyester scarves; For him: silk ties, cufflinks, socks, belts and boxer shorts.

WITCHERY - Women's fashion, shoes, intimate apparel and accessories.



CHOOSE YOUR HOLIDAY OF A LIFETIME

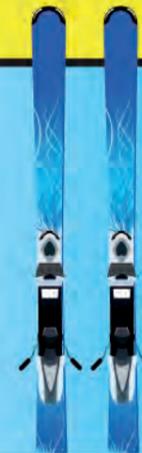
Choose your holiday of a lifetime!



Choice 1

Romantic Bali Retreat

- 2 Adults.
- Return economy class airfares to Denpasar
- 7 nights accommodation at the Sentosa Private Villas & Spa
- Return airport transfers
- Daily buffet breakfast



Choice 2

New Zealand Adventure

- 2 Adults.
- Return airfares to New Zealand
- 5 day ski package
- 1 night accommodation at the Novotel Auckland Airport Hotel
- 6 nights accommodation at the Scenic Suites Queenstown
- 5 nights accommodation at the Sky City Grand Hotel Auckland
- Return airport transfers
- Daily buffet breakfast



Choice 3

Gold Coast Theme Park

- 2 Adults & 2 Children.
- Return economy class airfares to Coolangatta
- 7 nights accommodation at the Mantra Circle on Cavill Avenue
- Unlimited theme park pass and Skypoint at Q1 pass
- 7 day Gold Pass on local transport

Adelaide Airport T1 Shopping is offering its customers an opportunity to choose a holiday of a lifetime, just by making a purchase in any T1 store before 23 January, 2013.

The winner of the competition can choose between a romantic Bali retreat, a New Zealand skiing adventure or a family Gold Coast theme park holiday. Each trip includes airfares, accommodation and airport transfers.

Entry forms are available at all T1 stores and entry boxes have been placed along the retail concourse.

ANOTHER PROPERTY COUNCIL AWARD



(l to r) Justine Firth, Mark Young, Kyra Gustavsson, David Blackwell and Karla Brown

Congratulations to the T1 retail management team and retailers for winning a commendation for 'Excellence in Presentation - Shopping Centres up to 10,000m²' at the 2012 Property Council of Australia (SA Division) Shopping Centre Awards last month.

Adelaide Airport Ltd's T1 retail operations have had an excellent success rate in recent years, claiming awards for presentation, events and displays in the terminal.

Make the most of the moment.

More than 25 specialty stores • gourmet food • fashion • gifts

www.T1shopping.adelaideairport.com.au



Stephanie Bolt

ENVIRONMENT MANAGER'S MESSAGE

A key element in running a safe airport is a robust wildlife management program.

Wildlife strikes by aircraft present an ongoing challenge to the aviation industry as a whole - graphically illustrated by the emergency landing of US Airways Flight 1549 in the Hudson River in New York shortly after the aircraft intercepted a flock of geese. Airports have a significant role to play in minimising the risk to aircraft from wildlife within their boundaries.

Adelaide Airport was awarded the Australian Airports Association's Capital City Airport of the Year Award in 2009 for our company's leadership in wildlife hazard management. Although proud to receive such recognition, we are determined as ever in our pursuit of continuous improvement. However, whilst we strive to minimise the number of strikes, we recognise it is not possible to eliminate them altogether.

The Australian Transport Safety Bureau, which collates data on wildlife strikes nationally, recently reported Adelaide and Parafield Airports as having 122 and 77 recorded strikes respectively for the two years spanning 2010 and 2011. These figures, when viewed against aircraft movement trends, bird population and climatic factors, provide a useful benchmark for assessing the success of our program.

Bats and flying foxes together are the most commonly struck wildlife across Australian aerodromes. In Adelaide, our highest risk species are galahs, silver gulls, rock doves and magpies. Microbats, however, are emerging as a strike risk (see article this page). They are one of the less visible animals that live amongst us in suburbia but are fascinating to study and we will be monitoring them more closely into the future.

RESEARCH INTO AIRPORTS' MICROBATS

Microbats are common inhabitants of the greater Adelaide region and are often found roosting in roof cavities of houses and buildings. They feed on insects and use echolocation to track prey and navigate during flight. They shelter during the day, foraging at night, sometimes up to 15 km away and are most active right after sunset when there is still ambient light.

Microbats are visitors to Adelaide and Parafield Airports, using the airfield to forage for insects. They have increased in activity at the airports over the past few years which is a concern as they may pose a risk in aviation safety (particularly large colonies). As such, Adelaide Airport Limited have engaged Terry Reardon and the South Australian Museum to undertake specialist studies into the movements of bats at our Airports and what may attract them to site.

Through this research, we hope to better understand what species are visiting the airport and why, so we may manage them accordingly to reduce the risk of strike while facilitating the future conservation and management of these species in the greater Adelaide region.

For more information on bats of Adelaide, please contact Adelaide Bat Care on (08) 8353 4443.

Little research has been undertaken into bats at Adelaide and Parafield Airports. However, two microbat species have been recorded during recent years. The Southern Freetail Bat (*Mormopterus* sp. 4) was recorded at Adelaide Airport in 2011 and the Gould's Wattled Bat (*Chalinolobus gouldii*) was observed at Parafield Airport last month. However, without regular night time monitoring we cannot truly know the species and number of microbats that visit us.

GOULD'S WATTLED BAT

(*Chalinolobus gouldii*)

The Gould's Wattled Bat is a small microbat averaging 9cm in length (including tail) and 13 grams in weight. It has a wingspan of up to 30cm long and is distinguished by brown fur with a black head, short muzzle and short, broad ears.

It is a highly adaptable and common species, found across Australia in a broad range of habitats from alpine regions to tropical rainforests, eucalypt forests and woodlands, deserts, grasslands, agricultural land and urban areas.

A common inhabitant of roof cavities, this species can be found in colonies of up to 80 individuals, though males are generally solitary, and is often found in association with other bat species.

Breeding occurs later autumn to early winter with young emerging after the torpor or hibernation period, in late spring. Young suckle on the mother for approximately six weeks before reaching maturity and gaining independence.

The Gould's Wattled Bat feeds on flying insects, predominantly bugs and moths, and can travel up to 15km at night in search of food. They are most active early after sunset which makes them vulnerable to predation from owls, falcons, butcherbirds and feral cats.



Gould's Wattled Bat

SOUTHERN FREETAIL BAT

(*Mormopterus species 4*)

The Southern Freetail Bat is also a common microbat of the Adelaide region and inhabits a broad range of habitats across southern Australia, from tall forests to woodlands, grasslands, coastal heathlands and chenopod shrublands. This species has adapted well to urbanisation and is often found roosting in roof cavities as well as tree hollows.

The Southern Freetail Bat is a medium sized bat to 8cm long (including tail) and weighs, on average, 9 grams. It has a wingspan of up to 25cm long and is distinguished by dark grey-brown fur and pale belly. Colonies of several hundred Southern Freetail Bats have been recorded, though males are generally found in groups of 3 to 4.

Breeding occurs early autumn to early spring with young emerging in summer. Young of the Southern Freetail Bat are slow to mature and do not gain independence until the following autumn. They feed on insects and may forage up to 12km from their roost.

Source:
Reardon, T. 2012. pers. comm.
Churchill, S. 2008. *Australian Bats - 2nd Edition*.
New Holland Publishers, Australia.



Southern Freetail Bat

UNISA - PARAFIELD AIRPORT VERNAL POOLS PARTNERSHIP



The Vernal Pools Conservation Zone was formed in 2002 to conserve the Parafield Vernal Pools situated along Elder Smith Road to the south of Parafield Airport. These pools are the last known array of vernal pools within metropolitan Adelaide and are considered ecologically significant for their hydrological processes and biodiversity.

Whilst Parafield Airport actively manages this conservation zone through activities such as weed control, relatively little is known about the ecological processes and values of these pools.

Understanding these processes and values is essential to developing an effective strategy for their ongoing rehabilitation and management, to ensure the long-term viability of these

unique ecosystems. That is why, in June 2012, Parafield Airport Limited formed a partnership with the University of South Australia to monitor and develop management strategies to better understand these pools.

Monitoring was conducted over the past six months to catalogue the aquatic invertebrate species that inhabit the pools, monitor changes in these species' distribution and abundance over space and time and map the vegetation zonation around the pools to develop an ecological profile of the dynamics of these unique ecosystems.

In October 2012, students from UniSA presented their findings on monitoring activities at the vernal pools. These presentations provided a great

insight to the ecological profile of the pools and included recommendations to improve their ecological functioning through weed and water management.

The students also provided recommendations on public awareness and how to engage the local community through interpretative signage and boardwalk designs as well as activities such as planting days to support this truly unique and ecological sensitive environment.

The 2012 UniSA partnership has been a great success and we hope to continue this collaboration well into the future. For more information on the Parafield Vernal Pools, see <https://sites.google.com/site/parafieldvernalpools/home>.

SEEN AT ADELAIDE AIRPORT

J-LO

HILLARY CLINTON

The BLACK KEYS

**Prince Charles &
Camilla, Duchess of Cornwall**

Nicki Minaj

Gotye

Matchbox 20

**Simple
Minds**

**RUSSELL
BRAND**

**MUMFORD
& SONS**

The Wiggles

DEVO

Nickelback

Australian & South African Cricket Teams