

MARCH/APRIL 2004

RDU UPDATE

NEWS FROM RALEIGH-DURHAM INTERNATIONAL AIRPORT



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FOR
RDU Update!**

Details on Page 1

From the Chairman



The days of spring are upon us and everyone is invited to share in this special time of year at Raleigh-Durham International Airport. A fun-filled day at Observation Park is the perfect way to enjoy warm weather and experience the wonder of flight firsthand. While at RDU, take note of our latest projects including the airport's first general aviation terminal, a new parking garage located between the terminals and the Triangle Icon, a symbol of the Wright Brother's historic flight 100 years ago.

In recent months, RDU has received praise from a variety of organizations for our dedication to the Triangle community. The Triangle chapter of the American Institute of Architects recognized RDU's dedication to the built environment by presenting the Airport Authority with the 2004 Triangle Isosceles Award. The airport received the Outstanding Airport of the Year Award from the Airport

Ground Transportation Association this past fall in recognition of RDU Taxi Service, which was launched January 1, 2003. These accolades are the direct result of the hard work and dedication of all Airport Authority employees.

With the addition of non-stop service to Denver this spring, RDU opens another gateway to the west coast. This dynamic city features cultural and recreational attractions and boasts one of the world's largest airports, providing non-stop service to destinations throughout the country and the world.

Enjoy the beautiful weather and all that RDU has to offer during your travels this spring!

David T. Clancy, Chairman
Raleigh-Durham Airport Authority

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RDUUPDATE

John C. Brantley
Airport Director

Karen T. Dunton
Communications Specialist, Editor

Mindy Hamlin
Communications Manager

RDU Update is published every other month by the Raleigh-Durham Airport Authority for its corporate and community partners and air travelers. Suggestions and comments should be sent to:
Karen T. Dunton, Editor
Raleigh-Durham Airport Authority
P.O. Box 80001
RDU Airport, North Carolina 27623 USA
Phone: (919) 840-2100
Fax: (919) 840-0175
Email: karen.dunton@rdu.com



The 15th step on the State Capitol Building is exactly one mile above sea level.

Destination Denver

This March, United Express began non-stop service from Raleigh-Durham International Airport to Denver, Colorado. The airline operates two daily departures on 50-seat regional jets to the Mile High City providing the Triangle community with a new travel destination and gateway to the west coast.

Visitors traveling to Denver will arrive at Denver International Airport, one of the world's largest airports. Opened in 1995, the airport is known for its aesthetically pleasing environment and passenger convenience. The airport's main terminal reflects the beauty of the Rocky Mountains that can be seen in the distance.

Denver welcomes over 8 million visitors a year with people coming to enjoy the city's cultural attractions, museums, shopping, dining and nightlife. The city, located at the foot of the Rocky Mountains, is known for having 300 days of sunshine each year. As a result, Denver is a lively city and the perfect spot for those with a love for the outdoors.

While in Denver, visitors are encouraged to explore the nation's largest city parks system, play golf on one

of 90 courses and take a ride on the city's 650 miles of paved bike trails. Or, for the visitor looking for the cultural side of Denver, take in the Denver Art Museum or the Denver Performing Arts Complex, the second largest in the nation.

For sports enthusiasts, Denver is one of only a few cities to offer seven professional sports teams, including the National Football League's Denver Broncos, Major League Baseball's Colorado Rockies and the National Hockey League's Colorado Avalanche. And don't miss one of the world's largest rodeos – the National Western.

With a wide variety of activities to occupy the day, visitors often spend the nighttime strolling in downtown Denver along the city's mile-long pedestrian promenade. This bustling area is lined with restaurants, pubs, galleries and shops. And with a view of the Rocky Mountains, there is no better place to spend a night in Denver.

One of the nation's youngest cities, Denver is a growing metropolis with a natural serenity all its own – a place where "the skies are bluer, the mountains are higher and the sun shines brighter."

The Mile High City Uncovered

- Denver was founded in 1859 as a gold mining camp.
- Denver has the tenth largest downtown in the country.
- Denver is home to the famous Red Rocks Amphitheatre, a 9,000-seat arena carved out of gigantic red rock boulders.
- Denver is not in the mountains, it is near them.
- Denver is home to the largest sporting goods store in the world – Gart Brothers Sports Castle – and the largest independent bookstore in America – The Tattered Cover.
- Denver brews more beer than any other city – 80 different brews.
- The mountain panorama visible from Denver is 120 miles long and includes 200 named peaks.
- Fentress Bradburn Architects, the firm currently working on the redevelopment of Terminal C at RDU, designed Denver International Airport.
- What time is it? Denver is in the mountain time zone, two hours behind the Triangle. So, nonstop service gives local travelers more time in the Mile High City.

**Coming Soon...
Get Your RDU
Update Online!**

Stop looking in your mailbox and start checking your Inbox for RDU Update, your source for all the news from Raleigh-Durham International Airport. Visit www.rdu.com beginning in May to sign up for the RDU Update e-newsletter... don't miss an issue!

Coming Soon...

FORM FOLLOWS FUNCTION AT RDU

The evolution of airport architecture is easy to see in terminal buildings and other structures located at many of the country's 429 airports. Terminals with the flexibility to adapt in the ever-changing aviation industry have replaced the cookie-cutter brick buildings once popular at airports. Today, the focus of airport design is on providing ease of travel to all customers. Passenger convenience guides airports as they consider the functionality of a building prior to developing its overall style.

With the functionality of buildings at the forefront of any project, considerations must be given to how the space will be used, what priorities must be addressed and how the building will anticipate future changes. At the beginning of many airport projects, a plan is developed that will guide the project through the design and construction phases. This functional blueprint is the roadmap

for the project and addresses functionality, cost and schedule.

"Many of our projects are simply too complex and too costly to launch into without first developing a detailed plan that addresses functional issues, constructability and phasing, cost and implementation schedule," says Dave Powell, director of major capital improvement program.

In creating the plan, RDU must consider the current purpose of the building as well as how the future may affect its use. With the aviation industry changing more rapidly in recent years, the design of airport terminals has been greatly affected. Now more than ever, airport planners and designers must produce buildings that can adapt to a changing environment.

"What is most important in airport design is maintaining flexibility," says John Brantley, airport director. "We are not about creating monuments. The focus is on creating a functioning building that has an aesthetically pleasing exterior."

Once the functional plan is in place, the design team uses it as a guide to create the architectural vision for the building. The designer begins by looking at other buildings at the airport and determining what role, if any, they will play in the design of the new structure. To maintain a consistent style of architecture at RDU, designers must consider the location of the building on the airport campus as well as the type of building being constructed.

When the airport began designing a new operations center, the structure was defined as an office space for Airport Authority employees. Therefore, the building needed to reflect similar characteristics as those used in the Airport



RDU's newest parking garage features nearly 6,200 parking spaces located within walking distance of the terminals.



The new operations center will be used by several departments including law enforcement, parking and ground transportation.

Authority's main office building completed in 1999. The location of the building along the south end of the parking garage complex was also considered when designing the operations center. In order for the structure to fit into its surroundings, the style needed to utilize design elements and materials found in the parking garages. Therefore, the final design is a melding of style and materials found at RDU.

Location is a key factor in the design style of buildings at RDU. While buildings in close proximity to one another require similar characteristics in order to appear cohesive, some designs must create a more neutral environment. In November, the airport opened the second phase of a parking development program launched in 1998. Larger in size and capacity, the newest garage shares the same design as the one constructed previously, thereby blending into the overall parking area.

"With respect to our newer parking garages we felt it important to use a neutral palette and relatively simple, straight forward design elements since there will be future additions to the garages of similar design and since the garages are flanked by the two terminal buildings," says Powell.

RDU continues to evaluate the needs of the community and the built environment with every project. The airport is currently working on plans to redevelop Terminal C into a facility better able to serve those passengers beginning and ending their travel at RDU. Fentress Bradburn Architects, a Denver-based architecture firm with a background in airport design, is currently working on the Terminal C project. The design team is working to create an efficient terminal designed with the customer in mind. *Look for future issues of RDU Update for more information on the redevelopment of Terminal C.*

The way you see RDU today is the result of efforts spent balancing the form and function of the airport's built environment. As the airport continues to evolve, it is the flexibility and foresight of the various project teams that will make RDU an airport for the ages.



The parking garage entrance is easily accessible for passengers arriving at the airport.



The Airport Authority's main office building is located in the rental car area at RDU.

RDU Receives Award for Architectural Excellence

Raleigh-Durham Airport Authority recently received the 2004 Isosceles Award from the Triangle chapter of the American Institute of Architects (AIA). The award recognizes organizations that have made significant contributions to the built environment.

"Raleigh-Durham Airport Authority has demonstrated a sustained support of quality design in the Triangle area," states the 2004 AIA Triangle Awards Committee.

Board Chair Tim Clancy and Airport Director John Brantley received the award on February 12 during the organization's annual awards reception.

Editorial**Building Our Environment**

John Brantley
RDU Airport Director

Recently, the Airport Authority received an award from the Triangle chapter of the American Institute of Architects for having "distinguished itself as the sponsor of far-sighted designs that capture the spirit and aspirations of the dynamic region it serves." The award recognized no specific building project, but rather the excellence of the many structures the Authority has created to serve RDU's customers in recent years. When the final design of the redeveloped Terminal C is unveiled several months from now, it will continue, and further enhance, the tradition of excellence that has begun at RDU.

The Authority's overarching goal in developing new buildings at RDU is for form not simply to follow function, but to facilitate and complement that functionality. That is often difficult since the designer's natural artistic flair must be kept in check and the focus concentrated on fulfilling the needs of the building. This demands much thought, resourcefulness, creativity and, above all, appreciation for the service the structure is intended to provide and the durability that is needed to "wear well" under the heavy use received by airport facilities. Fortunately, most design professionals understand that their talents are far

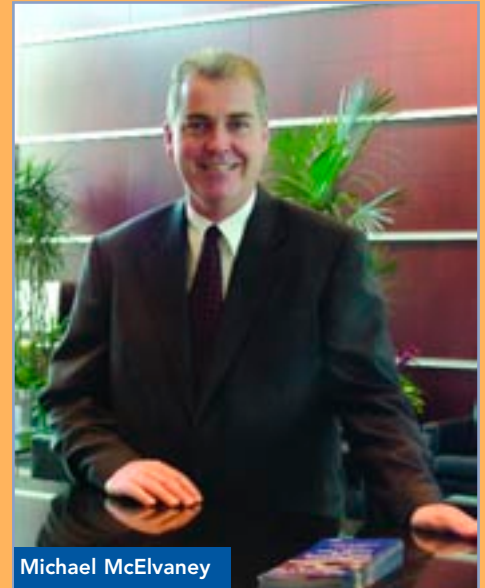
better utilized in trying to fit structures to the use for which they are intended than to insist that use be adapted to fit the structure they've designed. The ones that work for the Authority understand that better than anyone.

Structures are not the only area in which the Authority has developed a reputation for encouraging and facilitating quality work by design professionals. Although we have received many positive comments about the new parking garages between the terminals, perhaps nothing elicits more favorable opinions about RDU than the landscaping installed throughout the airport over the past 15 years. Major additions to the landscaping program will be undertaken this fall in the airport's terminal area to supplement the appearance of the parking garages with the natural beauty of trees, shrubs, flowers and other landscaping elements. The Authority believes that enhancing the beauty of the airport's setting is no less important than building aesthetically pleasing structures, particularly given RDU's proximity to William B. Umstead State Park.

The considerable promise of being the "best of breed" embodied in the design for the redevelopment of Terminal C has created a rapidly growing excitement within both the airport community and the Triangle region. The Authority believes the two parking garages that were built at RDU between 1998 and 2003 serve airport customers better than any other airport parking structures across the country. We have the same goal with respect to the new terminal – for the facility to be the best in customer service. That's a lofty ambition, but it certainly is an achievable goal we are confident will be attained. A few years will pass before opening day, but I have no doubt that day will be well worth the wait. The "gateway to the Triangle" is serving customers better, and looking better, every day.

RDU Welcomes New Deputy Director

The Airport Authority recently welcomed Michael McElvaney as Deputy Director of Operations. In this role, McElvaney is responsible for the daily management of airport operations, ground transportation, law enforcement and emergency services. "RDU has been in my sights for several years as an airport where I would like to work," says McElvaney.



Michael McElvaney

With a background in aeronautical studies and airport management, McElvaney has worked in operations at airports including Sky Harbor International Airport in Phoenix, Tampa International Airport and Birmingham International Airport. Most recently, McElvaney was the National Manager for Aviation Business Development for an airport engineering firm based in Pittsburgh.

Due to his background with airport security issues, McElvaney became a project manager on several airport security master plans. His last assignment with the company was project manager for the deployment of the US-VISIT Program implemented by the Department of Homeland Security at airports and seaports across the U.S.

ARTWORK INSTALLATION MAKES "DREAM" A REALITY



Heath Satow

The installation of "Dream of Flight," a permanent art sculpture in the general aviation terminal, completes a 4-year project complementing the design of the airport's newest terminal building in more than a decade. Raleigh native Heath Satow created the sculpture that graces the lobby of the 22,000 square foot building.

"The sculpture is intended to remind visitors of a time before we soared among the clouds," says Satow. "A time when our ancestors dreamed of reaching the heavens, and for us as children, the awe we had for flight before experiencing our first take-off."



Installation began with the unboxing of each piece of the sculpture.

The sculpture includes three large stainless steel "figures" looking wistfully to the heavens. A mobile above consists of 1,000 pieces of cut stained glass in cobalt and light

blue symbolizing the images of flight found in the clouds. Installation of the sculpture spanned five days and involved hours of tedious work. Unpacking, assembly and

installation of the frame took approximately 12 hours with three people working together. Pulleys were mounted to the building's structure prior to assembly of the frame and were used to hoist the frame up to the mounting location where it was bolted into place.



The glass mobile was carefully hung from the ceiling using a large platform lift.

The team spent three days constructing the elaborate mobile. Each piece of glass was attached by hand to fine stainless steel thread and hung from the metal frame. The final day of installation

included the placement of the figures in position below the mobile.

"Today, air travel is so common that we tend to forget what an amazing thing it is to fly," says Satow. "This sculpture will serve to remind us of the wonder and awe the sky held before we learned to fly."

With the general aviation terminal scheduled to open later this spring, the community will have the opportunity to view "Dream of Flight" and reflect on the first 100 years of human flight and the future of our travel in the sky above.



"Dream of Flight" will delight visitors of all ages.

Airport Authority Names Employee of the Year



Tom Quesenberry

In January, Tom Quesenberry was named the Raleigh-Durham Airport Authority's 2003 Employee of the Year. Quesenberry, a facilities program manager, is responsible for the overall coordination of large-scale construction projects at the airport. "Working to successfully meet each challenge is very rewarding," says Quesenberry. "It is a

huge compliment by my peers and colleagues in selecting me as the employee of the year."

Throughout his career at RDU, spanning nearly 20 years, Quesenberry has managed several projects at the airport. This past fall, he completed a 6-year parking redevelopment project with the opening of a new parking garage and the launch of Exit Express, an automated way to pay for parking at RDU.

The Airport Authority thanks Quesenberry for his years of dedication to making RDU the best airport in the world.

RDU Receives Award for Taxi Service



Less than a year after Raleigh-Durham International Airport launched a new taxi program, the airport received the President's Award for Outstanding Airport of the Year from the Airport Ground Transportation Association (AGTA). The award was announced at the association's annual fall meeting and recognizes the airport and taxi operator that have made the single biggest improvement in airport ground transportation in the last year.

Dulles Airport Taxi, which manages RDU Taxi Service, received the award for Outstanding International Operator of the Year.

"RDU's new taxi service was a dramatic transformation from the previous program," said Dr. Ray Mundy, AGTA member and director of the Center for Transportation Studies in St. Louis. "The program shows one of the best experiments we have. If you build a better taxi service, people will use it."

Passengers have embraced the new program, which was launched on January 1, 2003. In its first year of operation, use of the new taxi service increased 11% over the previous year when the airport operated under the old system.

Visit RDU's Web site at www.rdu.com



Communications Department
Raleigh-Durham Airport Authority
P.O. Box 80001
RDU Airport, NC 27623
www.rdu.com
(919) 840-2100 / (919) 840-0175 fax

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