

*Design*  
*Fabrication*  
**Sports Facilities**  
*Installation*  
*Service*



**BIRDAIR**

Tensile Architectural Structures

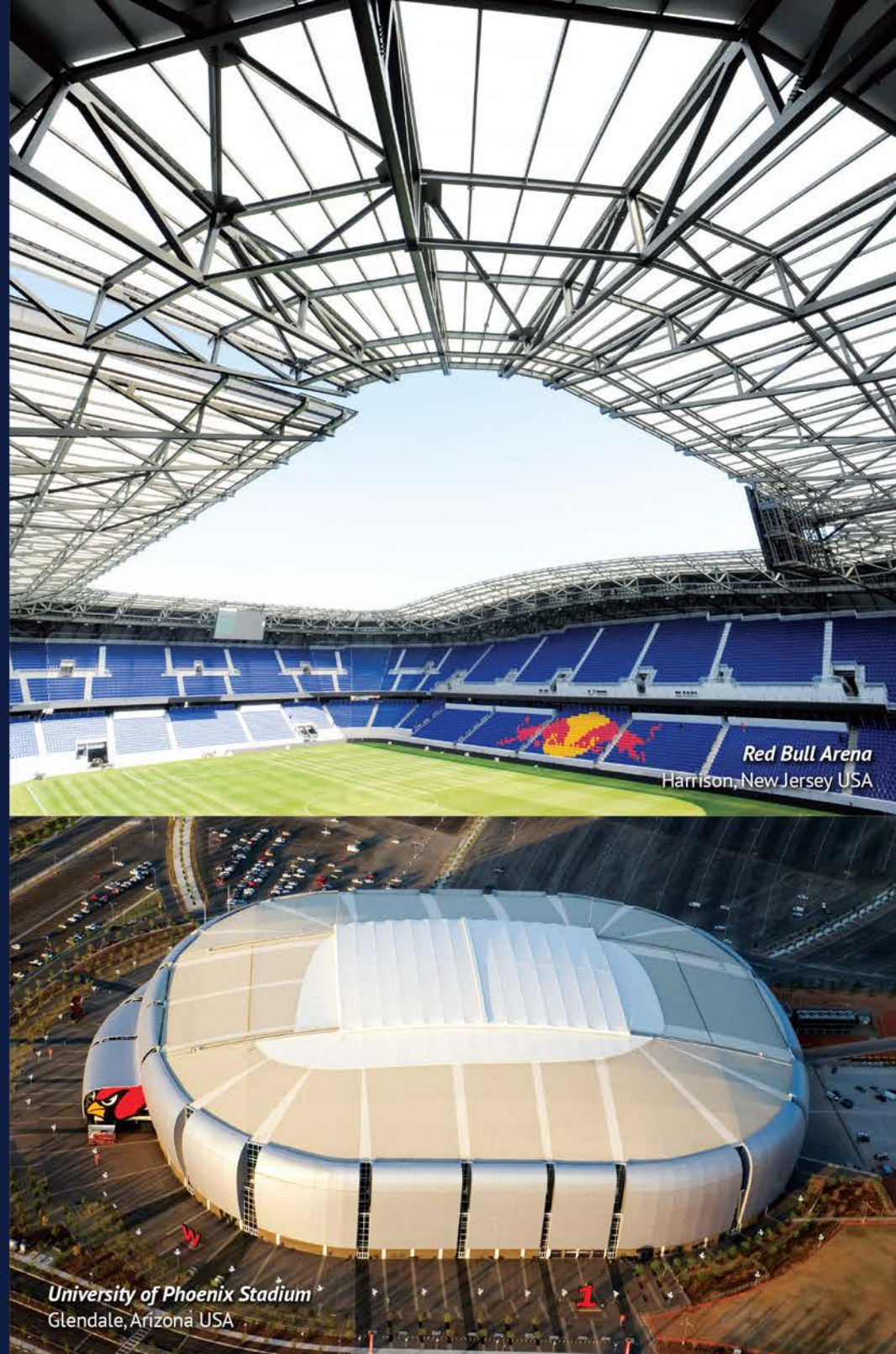
## Sports Facilities

To date, Birdair has completed work on over 125 sports facilities globally, incorporating tensile architecture into a variety of single-sport and multi-purpose stadiums and arenas. Birdair combines breakthrough technologies with unparalleled experience to create structures that meet both facility and patron requirements.

Birdair's innovative lightweight structural design offers ample roof support, eliminating traditional post and beam supports that can impede sight lines.

Retractable roofs serve as another increasingly attractive choice for stadiums and arenas and work particularly well in warm and humid environments where the roof can be closed to accommodate air conditioning or opened to promote fresh airflow.

Stadiums and arenas utilizing Birdair tensile architecture additionally benefit from natural sunlight and penetrates the interior, promoting optimum daylighting while considerably reducing electric lighting requirements.



**University of Phoenix Stadium**  
Glendale, Arizona USA



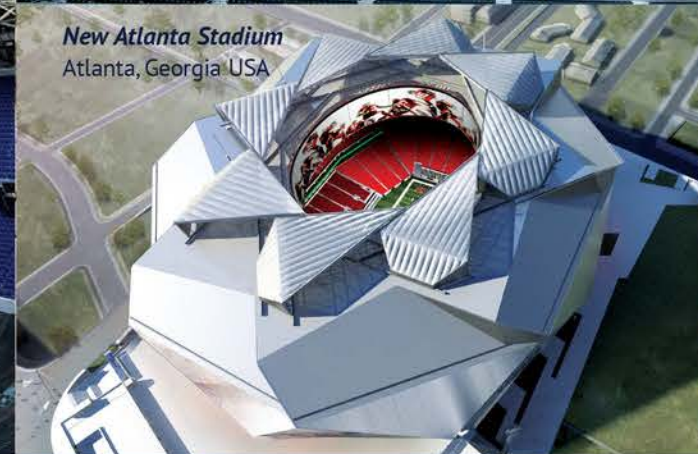
**University of Louisville Lynn Stadium**  
Louisville, Kentucky USA



**Red Bull Arena**  
Harrison, New Jersey USA



**NRG Stadium**  
Houston, Texas USA



**New Atlanta Stadium**  
Atlanta, Georgia USA



**USTA Arthur Ashe Stadium**  
Flushing, New York USA

## Functional Benefits of Membrane

- Excellent Durability and Long Lasting
- Outstanding Light Transmittance
- Lightweight Structural Requirements
- Low Maintenance
- Signature Design Aesthetics
- Cost Efficient
- Code Compliant

Birdair offers a selection of architectural fabric membranes, including PTFE fiberglass, ETFE film, PVC and Tensotherm™, an insulated and translucent tensioned membrane system.



**Estádio Nacional de Brasília**  
Brasília, Brazil



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Brasília, Brazil

## By the Numbers

Birdair has constructed roofs on over 125 sports facilities worldwide including stadiums, arenas, field houses, and practice venues consisting of:

- 60 International Stadiums
- 10 National Football League (NFL) Stadiums
- 8 World Cup Stadiums and 2 Olympic Venues
- 30 Collegiate Facilities



*Nelson Mandela Bay Stadium*  
Port Elizabeth, South Africa



*Nelson Mandela Bay Stadium*  
Port Elizabeth, South Africa



*USC Uytensu Aquatics Center*  
Los Angeles, California USA



*Estadio Ciudad de la Plata*  
La Plata, Argentina

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La Plata, Argentina



*McLane Stadium*  
Waco, Texas USA



*McClain Athletic Facility*  
Madison, Wisconsin USA



*Cape Town Stadium*  
Cape Town, South Africa

# Who is Birdair?

Birdair is the leading specialty contractor for custom tensile membrane structures throughout the world.

With more than 55 years of experience, Birdair has worked with owners, architects, engineers and contractors to design and build custom tensile structures used to create innovative roofing systems, canopies and skylights. As a turn-key specialty contractor, Birdair provides pre-construction assistance; including design assistance, budgeting, construction methodologies and project schedule development.

Our in-house capabilities consist of design, engineering, fabrication, installation and maintenance. Working closely with architects and their clients, Birdair assists in delivering award-winning solutions by taking an idea and building an icon.



*Moses Mabhida Stadium*  
Durban, South Africa

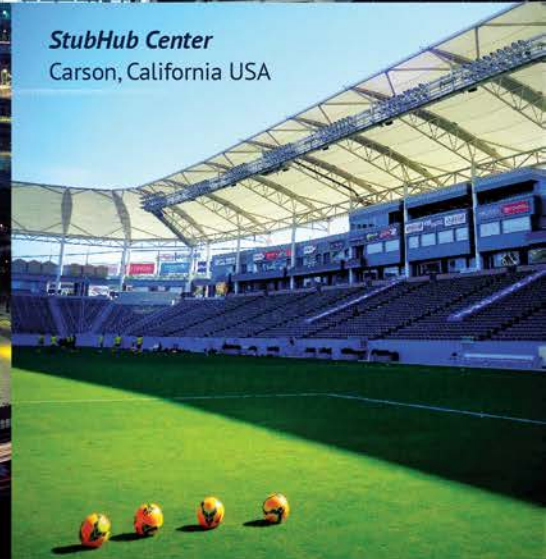


*AT&T Stadium*  
Arlington, Texas USA

*Incheon Munhak Stadium*  
Incheon, South Korea



*StubHub Center*  
Carson, California USA



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**MakMax**

**BIRDAIR**

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