



# City Council Report

**Date:** July 8, 2015  
**To:** City Council  
**Through:** Natalie N. Lewis, Deputy City Manager  
**From:** Corinne Nystrom, Airport Director  
**Subject:** Falcon Field Airport– Construct Blast Pads Runway 4L/22R  
City of Mesa Project No. C07044  
City Council District No. 5

## Strategic Initiatives



## Purpose and Recommendation

The purpose of this report is to recommend that the City Council adopt the attached resolution, which authorizes the City Manager, or his designated representative, to execute Airport Development Reimbursable Grant Agreement No. E6S1R between the Arizona Department of Transportation, Multimodal Planning Division Aeronautics Group (ADOT) and the City of Mesa to construct Blast Pads for Runway 4L/22R.

## Background

The Airport is recommending the construction of blast pads for Runway 4L/22R in an effort to reduce dust particulate and the erosive effect of propeller wash and jet blast from runway ends.

## Discussion

Safety is a very high priority at Falcon Field. Constructing blast pads will prevent native soil erosion from the ends of the runway. In addition, the pads will provide a smooth transition from runway ends to runway safety areas in the event of an aircraft excursion off the end of the runway. Less maintenance will be required with asphalt blast pads since native soil will not be eroded.

## Community Impact

The Falcon Field Airport “Fly Friendly” voluntary aircraft noise abatement program recommends the use of Runway 4L/22R to the fullest extent possible for flight training

operations. The construction of the blast pads is another improvement to this runway that further encourages its use for flight training operations.

### **Alternatives**

The first alternative is to decline the State's grant offer. In this case, the City would be required to pay the State's share of the project or not go forward with the project. The second, and recommended alternative, is to accept and approve the Grant Agreement.

### **Fiscal Impact**

The total estimated cost of the construction of the blast pads is \$472,778. This ADOT grant will fund 90% (\$425,500) of the costs. The City will use Falcon Field Enterprise funds to pay for the remaining 10% (\$47,278). Funding for this project has been approved in the City's FY2015-16 budget.