



City Council Report

Date: October 17, 2016

To: City Council

Through: Natalie N. Lewis, Deputy City Manager

From: Corinne Nystrom, Airport Director

Subject: Falcon Field Airport – Reconfigure Taxiway C/Runway 4R Run Up Area
City of Mesa Project No. CP0719
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 enter into Airport Development Reimbursable Grant Agreement No. E7F1Z 01C between the Arizona Department of Transportation, Multimodal Planning Division Aeronautics Group (ADOT) and the City of Mesa, to construct a re-alignment of Taxiway C and Runway 4R run up area at Falcon Field Airport.

Background

Per the approved Falcon Field Airport Master Plan and the Federal Aviation Administration (FAA) Runway Safety Action Team (RSAT) recommendation, the Airport is proposing to re-align Taxiway C to improve safety and to re-align the run up area for Runway 4R to meet new FAA standards. This project is included in the approved City Capital Improvement Program (CIP) for FY2016-17.

City Council has already approved a FAA grant and construction award for this project. This ADOT grant is a matching state grant for this project.

Discussion

This project will enhance safety at Falcon Field Airport by re-aligning the intersection of Taxiway C with the approach end of Runway 22L. The taxiway currently intersects the active part of the runway, creating potential safety issues. The project will also include construction of a new aircraft run-up area between Runways 22L and 22R and provide

more operational flexibility and efficiency. In accordance with the Falcon Field “Fly Friendly Program” strategies, it will encourage the use of Runway 4L/22R (north runway) for flight training operations. In addition, this project will also fund construction for the re-alignment of the Runway 4R run up area to meet new FAA standards.

Community Impact

Temporary impacts include occasional runway and taxiway closures, which will result in more air traffic over neighborhoods lying underneath the traffic pattern for the runway which remains open. All work is on the airport, with no traffic restrictions on public streets. Temporary restrictions for air traffic have been coordinated with the FAA air traffic control tower staff, and they are in concurrence with the proposed project.

Alternatives

The first alternative is to decline ADOT’s grant offer and not execute the Grant Agreement. In this case, Falcon Field Airport would be required to pay ADOT’s share of the project. The second, and recommended alternative, is to accept and approve the Resolution and authorize the City Manager, or his designated representative, to sign the Grant Agreement.

Fiscal Impact

The total estimated cost of this project is \$2,179,800. This ADOT grant will fund 4.47% (\$97,437) of the total estimated cost. City Council has already approved a FAA grant to fund 91.06% (\$1,984,926) of the project, with the Falcon Field Airport Enterprise Fund paying the remaining 4.47% (97,437). Funds have been approved in the Falcon Field Airport FY2016/17 CIP budget for this project.