

STAFF REPORT  
February 23, 2006

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**No. 06FV001 - Fence Height Exception to allow a fence height of eleven feet with three strands of barbed wire in lieu of a six feet as required by 15.40 of the Rapid City Municipal Code** **ITEM**

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GENERAL INFORMATION:

PETITIONER Kadrmass, Lee and Jackson for Rapid City Regional Airport

REQUEST **No. 06FV001 - Fence Height Exception to allow a fence height of eleven feet with three strands of barbed wire in lieu of a six feet as required by 15.40 of the Rapid City Municipal Code**

EXISTING  
LEGAL DESCRIPTION

Lots 2 and 3 of R.C. Airport Subdivision No. 4, Section 6, T1N, R9E; and Lot 1 of R.C. Airport No. 4, Section 5, T1N, R9E; and Lots 4 and 5 of R.C. Airport Subdivision No. 4, Section 7, T1N, R9E; and Lot 6 of R.C. Airport Subdivision No. 4, Section 8, T1N, R9E; and Lots 3, 4, 5, 6 and Lot 7 of R.C. Airport Subdivision No.1, Section 8, T1N, R9E; and Lots 1 and 2 of SW1/4, Lot 1 of SW1/4 SE1/4 Section 8, T1N, R9E; and Lots 2, 3, 4, 5 and Lot 6 of R.C. Airport Subdivision No. 2, Section 8, T1N, R9E; and all of Section less PT of R.C. Airport Subdivision No. 6, Section 17, T1N, R9E; and Lot P-2 and Lot T (also in Section 20) R.C. Airport Subdivision No. 6, T1N, R9E; and Lots 1 and 2 of R.C. Airport Subdivision No. 3, Section 9, T1N, R9E; and N1/2 less PT of R.C. Airport No. 6, Section 20, T1N, R9E; and Lot P-1 of R.C. Airport No. 6, Section 20, T1N, R9E; and Lot 2 of R.C. Airport Subdivision No. 5, Section 20, T1N, R9E; and W1/2 NW1/4, NW1/4 SW1/4, PT SW1/4 SW1/4, Tract G, H & I, Section 20, T1N, R9E; and Lots 3, 4, 5, 5A and Lot 6 of R.C. Airport Subdivision No. 5, Section 21, T1N, R9E; and Lots 7 and 8 of R.C. Airport Subdivision No. 5, Section 28, T1N, R9E; and Lot H-1 of the NW1/4 N/W1/4 Section 16, T1N, R9E; and the entire Terminal Road and Airport Road rights-of-way located in Sections 17 and 20, T1N, R9E; and All located in BHM, Rapid City, Pennington County, State of South Dakota

PARCEL ACREAGE Approximately 1.714 acres

LOCATION Rapid City Regional Airport

EXISTING ZONING Airport District

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**SURROUNDING ZONING**

North:	General Agriculture District (Pennington County)
South:	Limited Agriculture District - General Commercial District General Agriculture District (Pennington County)
East:	General Agriculture District (Pennington County)
West:	General Agriculture District (Pennington County)

**PUBLIC UTILITIES** City water, sewer

**DATE OF APPLICATION** 1/27/2006

**REVIEWED BY** Mike Maxwell / Emily Fisher

**RECOMMENDATION:**

Staff recommends that the Fence Height Exception to allow a fence height of eleven feet with three strands in lieu of a six feet as required by 15.40 of the Rapid City Municipal Code be approved.

**GENERAL COMMENTS:** The applicant has submitted an applicant of an exception to the fence height requirement to allow an 11 foot fence with three strands of barbed wire in lieu of a six foot fence around the runway and security area of the Rapid City Regional Airport. An 11 foot fence with barbed wire is required by the Federal Aviation Administration under Title 14 of the Code of Federal Regulations Part 139 for security and animal control of the runway and security area.

Under 15.40.050 of the Rapid City Municipal Code, the City Council may approve exceptions to the height requirements if it determined that the exception is not contrary to the public interest and the exception will not be injurious to the surrounding neighborhood.

**STAFF REVIEW:** Staff has reviewed the Fence Height Exception request as it relates to the applicable provisions of the Rapid City Municipal Code and has noted the following issues:

**Size and Height:** The proposed fence will be constructed with chain link, 11 feet in height with three strand barbed wire outriggers. The purpose of the fence is for the security of the airport and to keep wildlife off the runways causing a hazard for incoming and outgoing airplane traffic.

**Design Features:** The proposed fence will be constructed out of chain link, 11 feet in height with three strand barbed wire outriggers. The fence will be installed with a four foot skirt of chain link material attached at the bottom that will be buried at a 45 degree angle on the outside of the fence. The skirt is to be installed to prevent animals from digging under the fence and will reduce the chance of washouts along the fence. This design with the four foot skirt will also greatly increase airport security and safety.

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Staff has reviewed the request for an exception to the six foot fence height and has determined that the exception is not contrary to the public interest and will not be injurious to the neighborhood. The increase in fence height will increase the safety and security at the Rapid City Regional Airport. As such, Staff recommends that the exception to allow an 11 foot fence with barbed wire outriggers be approved.