

Appendix I: Specific Recommendations

Pennington County Recommendation

Rapid City Recommendation

Box Elder Recommendation

Meade County Recommendation

Land Use Zoning Map



Pennington County Recommendation

Airspace

Airspace protection is provided for RCRA in Pennington County's Section 301 – Airport Height and Hazard Zoning. However, in order to better protect RCRA, changes to the ordinance should be made:

- ▶ Subsection D.10 should be removed. The subsection states:
"Nothing in this Ordinance shall be construed as prohibiting the construction or maintenance of any structure, or growth of any tree, to a height up to fifty (50) feet above the surface of the land."
It is possible that a structure less than 50 feet tall could present a hazard to air navigation. Furthermore, this subsection appears to contradict the language in subsection G.1.
- ▶ Subsection C refers to a Rapid City Airport Zoning Map consisting of two sheets dated October 15, 2003. That map should be updated to incorporate the Part 77 surfaces detailed in the most recent ALP. The Part 77 surface maps located in [Appendix D](#) could be utilized for that purpose.
- ▶ Subsection D.7 and D.8 incorrectly apply an airport elevation of 100 feet above mean sea level. Airport elevation is 3,202 above mean sea level.
- ▶ It is recommended that the ordinance contain a provision that reminds persons proposing construction or alteration near RCRA of their potential responsibility to notify the FAA and South Dakota Aeronautics Commission. It is also recommended that persons required to notify the FAA (through the 7460-1 process) present the decision of record to the Pennington County Planning Director prior to construction for project approval.

Safety

It is recommended that the applicable Safety Compatibility Zones listed in Chapter 3 and the corresponding restrictions proposed for those zones are incorporated into Pennington County's Section 301 – Airport Height and Hazard Zoning.

The land use zoning map located at the end of this appendix or a similar map should be included in the zoning ordinance or its location referenced. In addition to referencing hardcopy documents, the land use restrictions could be incorporated into GIS systems.

Wildlife

The wildlife recommendations detailed in the Land Use Compatibility Plan should be incorporated into Section 301. Hazardous wildlife attractants could be included in a list of non-permitted uses. Some of these non-permitted uses could include:

- ▶ Landfills
- ▶ Commercial Feed Lots
- ▶ Livestock Auction Yards
- ▶ Open Water Treatment Plants
- ▶ Golf Courses

Rapid City Recommendation



Airspace

Rapid City Municipal Code Chapter 17.58 - Airport Zoning District establishes zoning authority over the Airport Zoning District, which encompasses RCRA property. In Chapter 17.58, an Airport Encroachment Area and Height Regulations section are established in reference to Part 77.25, but do not adequately define the restrictions. In addition, the terminology used in RCMC Chapter 17.58 and Part 77.25 do not exactly match. Rapid City Municipal Code Chapter 17.58 does not adequately protect airspace surrounding the Airport. It is recommended that airspace protection language similar to Pennington County's Section 301 be adopted by Rapid City. It is important that the ordinance protects RCRA airspace beyond the Airport Zoning District as well.

The Part 77 Airspace Surface exhibits located in [Appendix D](#) or similar Part 77 surface maps could be created and either included in the zoning ordinance or its location referenced. In addition to referencing hardcopy documents, the airspace restrictions could be incorporated into GIS systems.

Safety

Rapid City Municipal Code Chapter 17.58 provides appropriate land use restrictions for the Airport Zoning District; however, restrictions should also be adopted for areas outside the Airport Zoning District. For that reason, it is recommended that a new ordinance be adopted by Rapid City that includes the provisions of Chapter 17.58, but expands to incorporate the recommended land use zones detailed in Chapter 3.

Additionally, an "Airport Property Zone" could be included in the ordinance which incorporates the land use restrictions listed in Rapid City Municipal Code Chapter 17.58. Inclusion of the Runway Protection Zone (Zone 1) is unnecessary because the Airport currently owns the property and controls land uses within the existing RPZs. If Runway 14-32 is lengthened in the future, the Airport plans on purchasing the property needed to maintain control over land uses in the RPZs.

The land use zoning map located at the end of this appendix or a similar map should be included in the zoning ordinance or its location referenced. In addition to referencing hardcopy documents, the land use restrictions could be incorporated into GIS systems.

Wildlife

The wildlife recommendations detailed in the Land Use Compatibility Plan should be incorporated into Rapid City Zoning. Hazardous wildlife attractants could be included in a list of non-permitted uses. Some of these non-permitted uses could include:

- ▶ Landfills
- ▶ Commercial Feed Lots
- ▶ Livestock Auction Yards
- ▶ Open Water Treatment Plants
- ▶ Golf Courses

Box Elder Recommendation



Airspace

At this time, the City of Box Elder has not adopted zoning that protects RCRA airspace. It is recommended that airspace protection language similar to Pennington County's Section 301 be adopted by Box Elder.

The Part 77 Airspace Surface exhibits located in [Appendix D](#) or similar Part 77 surface maps could be created and either included in the zoning ordinance or its location referenced. In addition to referencing hardcopy documents, the airspace restrictions could be incorporated into GIS systems.

Safety

It is recommended that the applicable Safety Compatibility Zones listed in Chapter 3 and the corresponding restrictions proposed for those zones are incorporated into Box Elder zoning.

The land use zoning map located at the end of this appendix or a similar map should be included in the zoning ordinance or its location referenced. In addition to referencing hardcopy documents, the land use restrictions could be incorporated into GIS systems.

Wildlife

The wildlife recommendations detailed in the Land Use Compatibility Plan should be incorporated into Box Elder Zoning. Hazardous wildlife attractants could be included in a list of non-permitted uses. Some of these non-permitted uses could include:

- ▶ Landfills
- ▶ Commercial Feed Lots
- ▶ Livestock Auction Yards
- ▶ Open Water Treatment Plants
- ▶ Golf Courses

Meade County Recommendation



Airspace

At this time, Meade County has not adopted zoning that protects RCRA airspace. It is recommended that airspace protection language similar to Pennington County's Section 301 be adopted by Meade County. Due to the Airport's distance from Meade County, the Precision Instrument Runway Approach Surface is the only Part 77 surface within Meade County Jurisdiction.

The Part 77 Airspace Surface exhibits located in [Appendix D](#) or similar Part 77 surface maps could be created and either included in the zoning ordinance or its location referenced. In addition to referencing hardcopy documents, the airspace restrictions could be incorporated into GIS systems.

Safety

It is recommended that the applicable Safety Compatibility Zones listed in Chapter 3 and the corresponding restrictions proposed for those zones are incorporated into Meade County zoning. The only recommended land use zone within Meade County jurisdiction is the Precision Flight Corridor Zone.

The land use zoning map located at the end of this appendix or a similar map should be included in the zoning ordinance or its location referenced. In addition to referencing hardcopy documents, the land use restrictions could be incorporated into GIS systems.

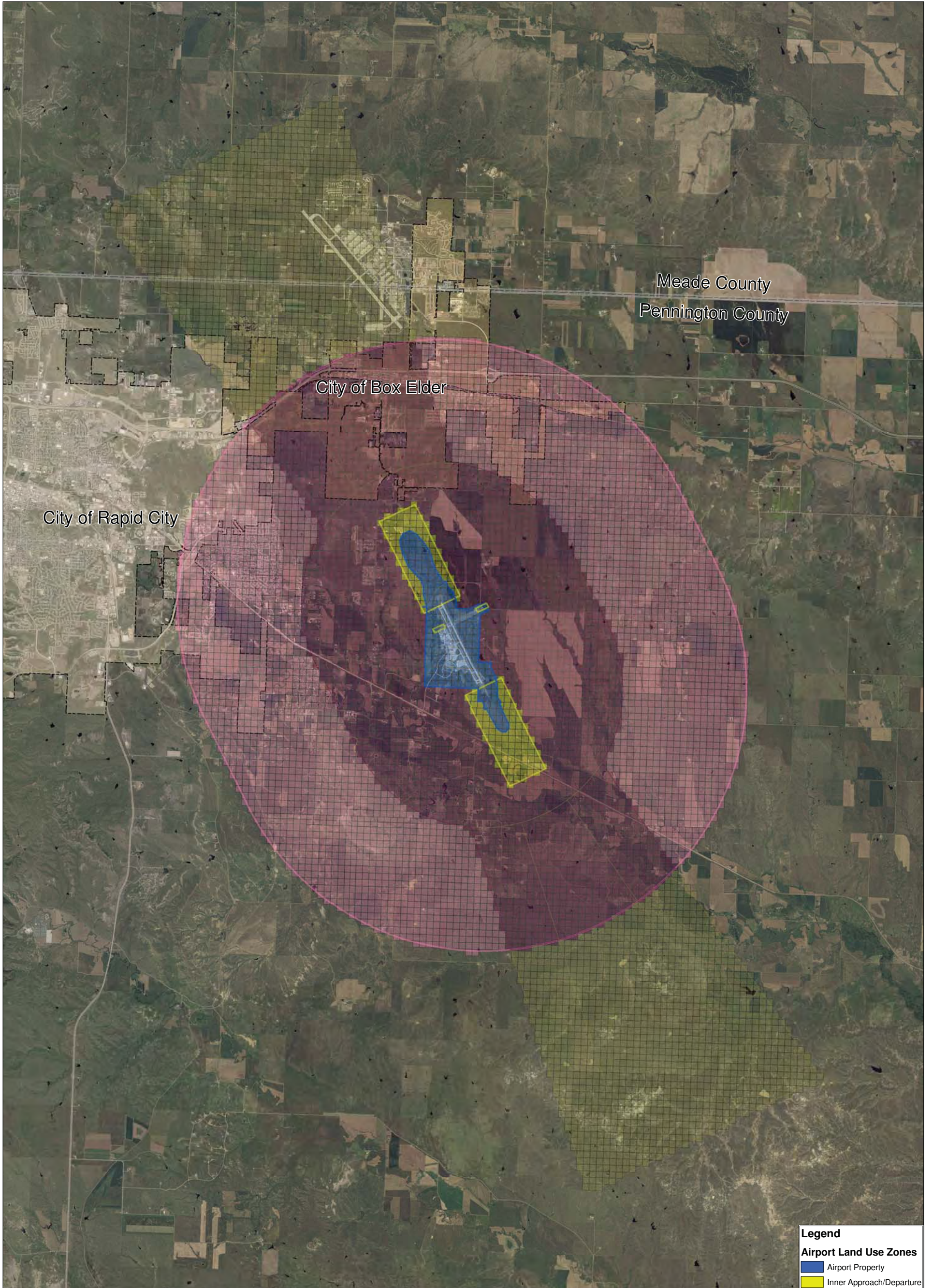
Wildlife

Due to Meade County's distance from the Airport, the wildlife recommendations detailed in the Land Use Compatibility Plan are not applicable.

Land Use Zoning Map



Rapid City Regional Airport Land Use Zones



Legend	
Airport Land Use Zones	
■	Airport Property
■	Inner Approach/Departure
■	Circling Traffic Patterns
■	Precision Flight Corridor
■	Aviation Hazards
	Rapid City Jurisdiction
	Box Elder Jurisdiction
	County Lines

FOR PLANNING PURPOSES ONLY

