

FINAL

**OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
FORT MORGAN AIRPORT
FORT MORGAN, COLORADO**

APRIL 2008

Prepared for:

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EXECUTIVE SUMMARY

The United States (U.S.) Army is conducting qualitative assessments at operational ranges to meet the requirements of Department of Defense policy and to support the U.S. Army Sustainable Range Program. The operational range qualitative assessment (hereinafter referred to as Phase I Assessment) is the first phase of the U.S. Army Operational Range Assessment Program. This Phase I Assessment evaluates the operational range area at Fort Morgan Airport to assess whether further investigation is needed to determine if potential munitions constituents of concern (MCOC) are or could be migrating off-range at levels that may pose an unacceptable risk to human health or the environment. In conducting the Phase I Assessment, MCOC sources, potential off-range migration pathways, and potential off-range human and ecological receptors are evaluated as appropriate.

Fort Morgan Airport encompasses approximately 19.55 acres in Morgan County, Colorado, approximately five miles north of the city of Fort Morgan. The site is located within Fort Morgan Municipal Airport and only encompasses a portion of the airport (within the northeast quadrant of the airport). The Colorado Army National Guard (COARNG) entered into a memorandum of understanding with the City of Fort Morgan to utilize this area between 1 October 2000 and 1 October 2005. The site is identified as a miscellaneous training area at which the COARNG conducts high frequency communications field activities. Historical use of the site by the COARNG did not include the firing of military munitions (live-fire or non-live-fire).

Training activities currently are not conducted at Fort Morgan Airport and historically did not involve the use of military munitions; therefore, no potential sources of MCOC have been identified. Potential off-range migration pathways and potential off-range human and ecological receptors were not evaluated, and the range at Fort Morgan Airport is categorized as Unlikely.

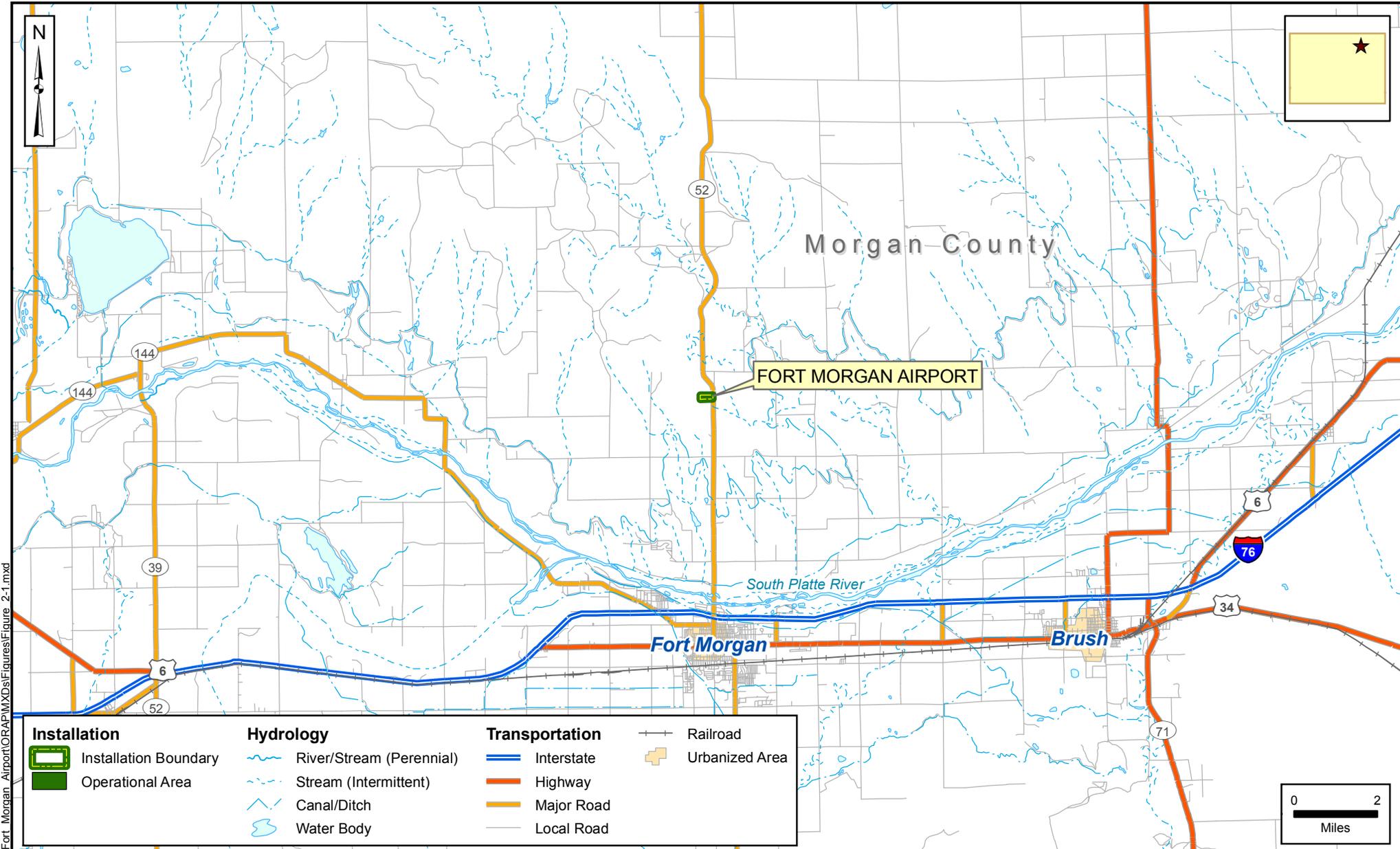
Installations with operational ranges where no munitions or only small caliber blanks have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor interactions that could present an unacceptable risk to human health or the environment. Ranges categorized as Unlikely are required to be re-evaluated at least every five years. Re-evaluation may occur sooner if significant changes (e.g., change in range operations or site conditions, regulatory changes) occur that affect determinations made during this Phase I Assessment. **Table ES-1** summarizes the Phase I Assessment findings.

Table ES-1: Summary of Findings and Conclusions for Fort Morgan Airport

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 19.55 acres	No source—no current or historical use of live-fire military munitions	Not evaluated (no source identified)		Re-evaluate during the five-year review.

ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
COARNG	Colorado Army National Guard
CSM	Conceptual Site Model
DoD	Department of Defense
JFHQ-CO	Joint Force Headquarters-Colorado
MCOC	Munitions Constituents of Concern
MOU	Memorandum of Understanding
ORAP	Operational Range Assessment Program
U.S.	United States
USACE	United States Army Corps of Engineers



Installation	Hydrology	Transportation	
Installation Boundary	River/Stream (Perennial)	Interstate	Railroad
Operational Area	Stream (Intermittent)	Highway	Urbanized Area
	Canal/Ditch	Major Road	
	Water Body	Local Road	

Operational Range Assessment Program
Phase I Qualitative Assessment
Fort Morgan Airport, CO

Figure 2-1
General Fort Morgan Airport Location and Operational Range Area

Data Sources:
 AEC, ARID-GEO, 2005
 ESRI, StreetMap USA, 2005

 Date: April 2008
 Prepared By: Malcolm Pirnie, Inc.
 Prepared For: U.S. Army
 Contract: W912DR-05-D-0004



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