



**Colorado Special Districts
Property and Liability Pool**

April 13, 2022

Nicholas Carlson
Assistant Public Manager
Roxborough Village Metro
Re: Roxborough - Airplane Park Safety Survey

Nicholas,

This report is in follow-up to the safety survey completed on March 15, 2022. The purpose of the survey was to identify potential safety hazards.

Attached, is a list of safety observations and recommendations based on conditions present at the time of my visit. If you have any questions or require additional information after reading this report, please don't hesitate to contact me.

Sincerely,

Adam Johnsen, CSP

Adam Johnsen, CSP
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Colorado Special Districts Property and Liability
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DISCLAIMER: Observations and recommendations are purely advisory and based on practices and conditions observed and information provided at the time of this survey. Observations and recommendations are not intended to include every loss or accident potential. It's the report recipient's responsibility to make further observations and take whatever action that may be necessary to prevent losses, enforce safety procedures and eliminate hazardous conditions so as to comply with any federal, state, or local law, rule or regulation concerning safety and health.

Report Summary

Report Name: Roxborough - Airplane Park
Completed for: Roxborough Village Metro
Inspection Date: March 15, 2022
Score: 22.9%

Findings:

General Maintenance

Issue Identified There is not 9 inches of surface material

Recommendation Ensure that there is minimum of 9 inches of surface material. It is recommended that you add enough material to have 12 inches of material so that there is 9 inches after compaction and after material is pushed around. [ASTM F1292] [View ASTM Site](#)

Issue Identified There is/are not rust, rot, cracks, or splinters on at least some equipment

Recommendation Mitigate all rust, rot, cracks, or splinters on any equipment (check carefully where it comes in contact with the ground). [reference ASTM 1487, CPSC] [View ASTM Site](#)

Notes: The steps are worn and getting worse. Rust is coming through and this is only going to get worse. This is the 2nd time that I have mentioned it.

Severity: Low (minor impact)

Contributing Factor: Equipment

Photo(s)



General Upkeep of Playgrounds

Positive Finding There are no missing trash receptacles

Positive Finding There are no damaged fences, benches, or signs on the playground

Positive Finding Playground is free from evidence of vandalism

Issue Identified The signs used for play areas are not legible or are not in good repair

Recommendation Maintain the signs in the park so they are legible and in good repair. [reference ASTM 1487, CPSC] [View ASTM Site](#)

Notes: There is no playground signage due it becoming blacked out.

Severity: Advisory (negligible impact)

Contributing Factor: Administrative

Photo(s)



Issue Identified There is not proper signage at the playground

Recommendation Install proper signage at the playground. [ASTM F1487 -14] [View ASTM Site](#)

Equipment: Composite Structure

Positive Finding There are no obstructions in the playground use zone

Issue Identified There are broken or cracked pieces on the equipment

Recommendation Repair and or replace broken or cracked pieces on the equipment. [reference ASTM 1487, CPSC] [View ASTM Site](#)

Notes: Multiple corners are cracked on the slide. Replace the slide tunnel. This is the 2nd time that I have noted this on an inspection

Severity: Moderate (marginal impact)

Contributing Factor: Equipment

Photo(s)



Issue Identified There is an entanglement or head entrapment hazard

Recommendation Address the issues immediately. [ASTM 1487] [View ASTM Site](#)

Notes: The top of the slide is a head entrapment hazard. The small probe can go through the gap between the slide and the barrier. The large one cannot. This is true for both sides of the slide.

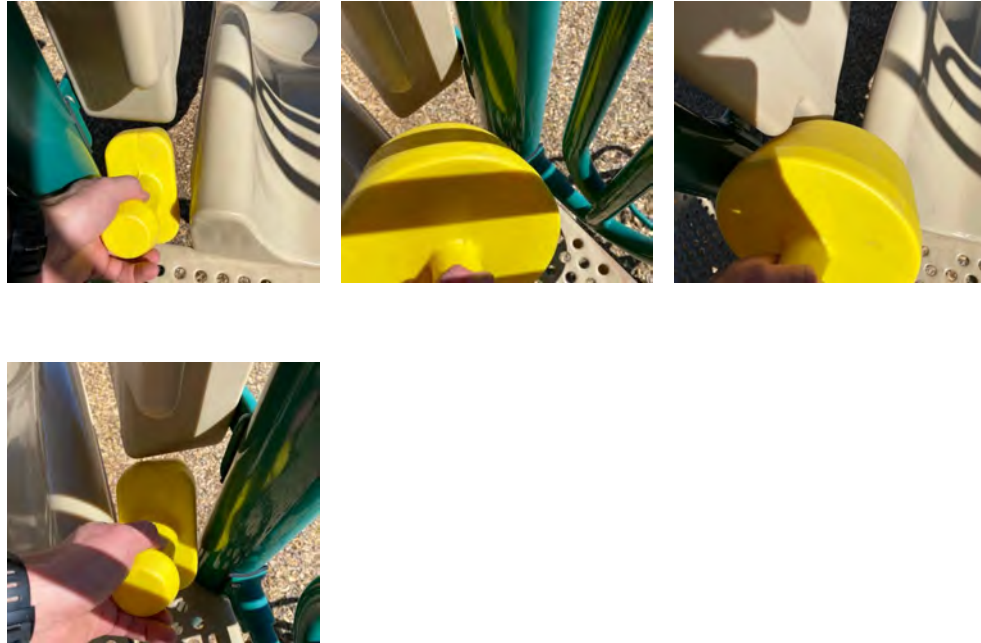
This slide also appears to be a replacement and not designed for this equipment.

This is the 2nd time that I have mentioned this head entrapment hazard.

Severity: Critical/Catastrophic (deducts 10%)

Contributing Factor: Equipment

Photo(s)



Issue Identified **There is an entanglement or head entrapment hazard**
Recommendation *Address the issues immediately. [ASTMI 1487] [View ASTM Site](#)*

Notes: There is a clear plexiglass wind shield that is missing from the plan. With this piece missing there is a head entrapment hazard and it needs to be repaired ASAP. This is the 2nd time that I have brought this up in an audit.

Severity: Critical/Catastrophic (deducts 10%)

Contributing Factor: Equipment

Photo(s)



Equipment: Slide

Positive Finding There are no protrusions on the structure
Positive Finding The slide exit heights are correct

Equipment: Climbing Elements

Issue Identified **There are loose, missing bolts or nuts on the equipment**
Recommendation *Replace and or tighten the nuts in accordance with manufactures instructions. [reference ASTMI 1487, CPSC] [View ASTM Site](#)*

Notes: Missing screw
 Severity: Moderate (marginal impact)
 Contributing Factor: Equipment

Photo(s)



Score Summary	#	Severity Summary	Qty
Issues Identified:	8	N/A (Not Assigned)	2
Positive Findings:	6	Advisory (negligible impact)	1
Total Findings:	14	Low (minor impact)	1
Percent Positive:	42.9%	Moderate (marginal impact)	2
Severity Adjustment:	20.0%	Serious/Extreme (deducts 5%)	0
Final Score:	22.9%	Critical/Catastrophic (deducts 10%)	2

Submitted by:
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