



Airport Compliance

Tim Jarvis, Airport Operations Director

4/25/2024





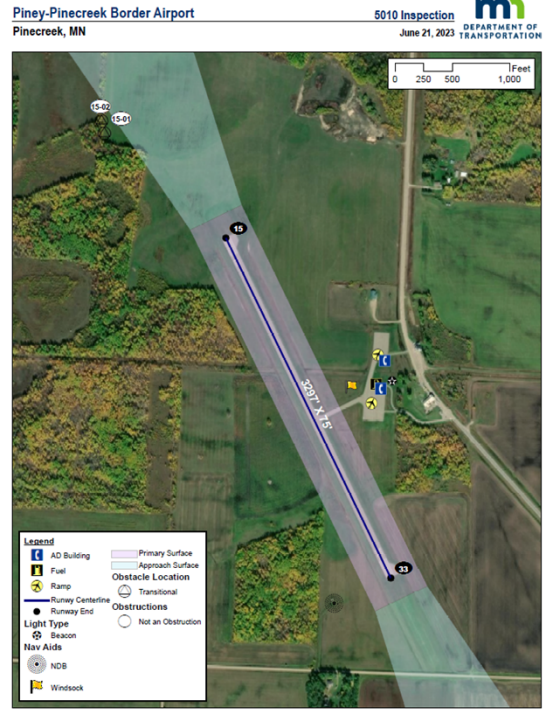
5,400
AIRCRAFT IN THE SKY AT
PEAK OPERATIONAL TIMES



2,900,000
PASSENGERS FLY EVERY
DAY IN AND OUT OF
U.S. AIRPORTS



What is a 5010? What does it mean?



The Need for Compliance



The Need for Compliance

2023 Minnesota Statutes

It is hereby declared that the purpose of sections [360.011](#) to [360.076](#) is to further the public interest and aeronautical progress by providing for the protection and **360.011 DECLARATION OF PURPOSE.** promotion of safety in aeronautics”

It is hereby declared that the purpose of sections [360.011](#) to [360.076](#) is to further the public interest and aeronautical progress by providing for the protection and promotion of safety in aeronautics; by cooperating in effecting a uniformity of the laws relating to the development and regulation of aeronautics in the several states; by revising existing statutes relative to the development and regulation of aeronautics so as to grant to a state agency such powers and impose upon it such duties that the state may properly perform its functions relative to aeronautics and effectively exercise its jurisdiction over persons and property in the United States for the promotion of the public interest in aeronautics; supports, may cooperate with and assist the political subdivisions of this state and others engaged in aeronautics, and may encourage and develop aeronautics; by establishing uniform rules, consistent with federal regulations and those of other states, in order that those engaged in aeronautics of every character may so engage with the least possible restriction, consistent with the safety and the rights of others; and by providing for cooperation with the federal authorities in the development of a national system of civil aviation and for coordination of the aeronautical activities of those authorities and the authorities of this state by assisting in accomplishing the purposes of federal legislation and eliminating costly and unnecessary duplication of functions properly in the province of federal agencies.

promotion of safety in aeronautics!

The Need for Compliance



The Need for Compliance

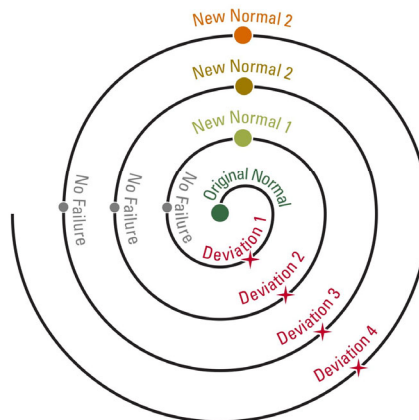


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Normalization of Deviance

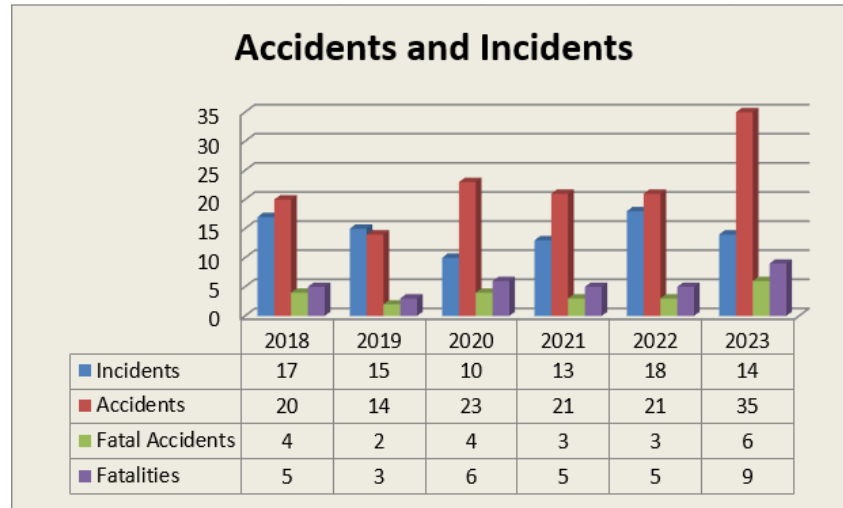
The Deviation Spiral



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Why does this matter?



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Why does this matter?

Examples of Accidents in Minnesota, FY2023

- C150 – **Landing**, Student attempted Touch and Go, veered left hit snowbank
- Piper – **Landing** hit deer
- C-172 – veered left on takeoff, flipped in snowbank
- (Unknown) – Tail rotor contacted object on ground
- (Unknown) - **Crash in trees on climb out - 2 Fatal**
- Pawnee – Takeoff crash
- AG Operation – Crash into cornfield at end of runway
- (Unknown) – Veered left on **landing**, gopher holes collapsed nose

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Why does this matter?

MNDOT AERONAUTICS STATE FUNDING PRIORITIZATION MODEL GUIDE

Per MNDOT's Project Selection Policy, MnDOT Aeronautics is updating state funding prioritization to be as objective, transparent, and data-driven as possible. This policy is intended to consider Minnesota GO recommendations and increase public understanding of MnDOT's project selection processes.

SEVEN CRITERIA ON A 100-POINT SCALE

10 Points - System Plan Alignment | 40 Points - MnDOT Priorities

The prioritization model is only considering state-only funding requests for MnDOT-defined capital expenditures.

System Plan Alignment	Criteria	Categories	Score
MnSAP Objectives	Historic Preservation*	Submitter has no other projects in Part 77 surface.	10
	Historic Preservation*	Submitter has no other projects in Part 77 surface.	10
	Historic Preservation*	Submitter has no other projects in Part 77 surface.	10
Airspace Obstructions*	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
Clear Skies*	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
Work Type	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
Health	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10
	Submitter has no other projects in Part 77 surface.	Submitter has no other projects in Part 77 surface.	10

Criteria	Categories	Score
Airport Component*	Primary Runway	20
	Secondary Runway	18
	Runway	16
	taxiway	14
	taxiway	14
	taxiway	14
	taxiway	12
	taxiway	10
	taxiway	8
	taxiway	6
Licensing Compliance*	Project alleviates a state licensing deficiency	20
	Airport compliant with all state licensing standards	10
	State licensing deficiency identified, and another project alleviates deficiency	10
	N/A (Part 139 Airports)	10
	Airport has state licensing deficiency and no programmed fix	-10
	Other Buildings	6
	Other Buildings	6
	Other Buildings	4
	Other Buildings	4
	Other Buildings	4

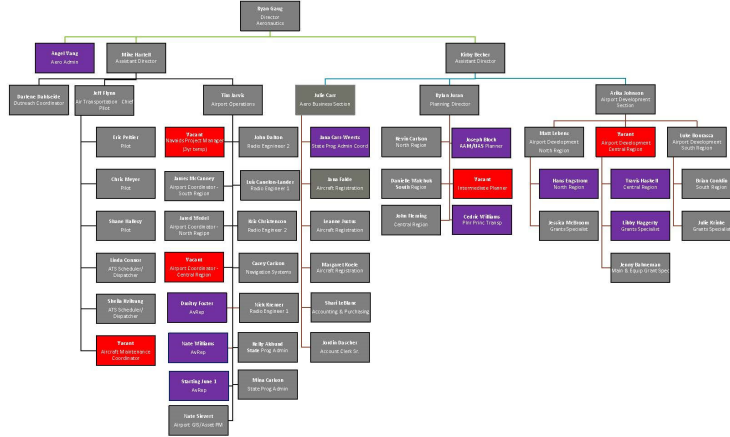
Licensing Compliance: This is evaluating whether the airport requesting state funds complies with all state licensing standards dictated in Rules (Minnesota Rules 8800.1600 Public Airport Licensing) OR has a project request to remediate a licensing deficiency.

Project alleviates a state licensing deficiency	20
Airport compliant with all state licensing standards	10
State licensing deficiency identified, and another project alleviates deficiency	10
N/A (Part 139 Airports)	10
Airport has state licensing deficiency and no programmed fix	-10

Why does this matter?



Org Chart



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Updated: 4/22/2024

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Training

E-Learning Courses

Training modules are provided to inform airport managers, sponsors, board members, staff/contractors, or others associated with an airport about specific airport "hot topic" subjects and the surrounding rules, laws, and regulations. These courses are on-demand and FREE to airports.

- [5010 Airport Inspections](#)
- [Airport Driving and Self-Inspection](#)
- [NOTAMS](#)
- [Snow and Ice Control Plans](#)
- [State Grant Process](#)



<https://airtap.umn.edu/>

<https://www.dot.state.mn.us/aero/operations/airportmanagerreferences.html>

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Questions?

Tim Jarvis
Airport Operations Director