



# **IDAHO AERONAUTICS ADVISORY BOARD**

**Quarter 2 - 2023 Meeting**

**April 6, 2023**

The Riverside Hotel

2900 W Chinden Blvd, Boise 83714

Delamar Room

[www.itd.idaho.gov/aero](http://www.itd.idaho.gov/aero)



# MINUTES

## Idaho Aeronautics Advisory Board

February 21, 2023 | 13:30 | Special Meeting

### ATTENDEES

Mark Sweeney, Chairman | John Blakely, Member | Todd Hitchcock, Member | Chris Pomeroy, Member | Jeff Marker, Administrator | Scott Stokes, Director | Tim Thomas, Deputy Attorney General | Dan McElhinney, Chief Operations Officer | Mollie McCarty, Chief Administrative Officer | Lorraine Dennis, Management Assistant | Shelly Haskins, Admin Assistant | Gloria Totoricaguena, Idaho Policy and Consulting President and Owner

Time	Minutes	Owner
	Welcome	Chairman Sweeney
13:30	Call meeting to order  Roll Call: Chairman Sweeney, Member Blakely, Member Hitchcock, Member Pomeroy in attendance. Review of agenda	
13:35	Review and approval of minutes  Motion from Member Blakely to approve minutes, Pomeroy second, all in favor.	Chairman Sweeney
13:40	<b>Presentation on Advanced Air Mobility Low Altitude Airspace Research</b>  This data is from researching other states' advanced air mobility programs, including best practices and failures. Benefits of using Uncrewed Aircraft Systems: <ul style="list-style-type: none"><li>• Increased safety</li><li>• Better data</li><li>• Less expensive Member Blakely</li><li>• Saves time</li></ul> Status of unmanned aircraft systems in Idaho: <ul style="list-style-type: none"><li>• Idaho Transportation Department currently uses drones</li><li>• There are 4-5 UAS programs in postsecondary schools<ul style="list-style-type: none"><li>○ NIC cancelled drone camp</li><li>○ BSU program expanding</li></ul></li></ul>	Gloria Totoricaguena

*\*All listed times are in local time and are estimates only. The Division reserves the right to move agenda items and adjust the time schedule. The meeting is open to the public, except for the executive session.*

Time	Minutes	Owner
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- CWI, ISU leading in UAS training

Other states have chosen different options for their UAS program management:

- Various areas within the transportation departments all know how to use UAS and do use it.
- Within aeronautics only for any engineering, surveying, stockpile inventory etc.
- Outsourced to UAS contractor

Advanced Air Mobility (aircraft is programmed and pilotless)

- Package and people delivery via vertiport
- Brings economic development for smaller and rural airports

Multimodal Vertiports

- Currently being used by other states as a mode of logistics
- Benefits of vertiports:
  - Moves cargo and passengers
  - Flight is pre-programmed
  - Energizing local, smaller airport is beneficial as is removing congestion from larger hub airports
  - Training, vertical takeoff and landing, package delivery, hospitals for blood supply and organ delivery, precision agriculture
- Flying cars are being tested in vertiports
  - Auto manufacturers are in testing phases

Member Blakely asks about the current operation of vertiports, in what capacity, and location

- Ohio is approved for 80 vertiports, and another 15 states already have them in operation.

## **Recommendation to Idaho Transportation Board**

- Develop public policy
- Prepare Idahoans through outreach and education
  - Educate and outreach with an annual all- state conference where new and important information is available
  - ITD should offer internships to prepare Idaho drone pilot workforce.
- Develop guidelines for data management
- Establish rules for airway from surface to 400' above ground level

Time	Minutes	Owner
	<ul style="list-style-type: none"> <li>▪ ITD needs a stakeholder task force, which will include other state and local agencies using UAS, private sector using UAS, colleges and universities teaching UAS, to address the following areas: <ul style="list-style-type: none"> <li>○ Licensing (federal or state)</li> <li>○ Corridors</li> <li>○ Zoning</li> <li>○ Air traffic control systems</li> <li>○ Aircraft registration</li> <li>○ Local government control</li> <li>○ Designate a government agency to manage the program</li> <li>○ Land use and leasing of airspace above ground</li> </ul> </li> </ul>	
	Final research report will be delivered in June 2023	



# Idaho Aeronautics Advisory Board



## QUARTERLY MEETING

- LOCATION:** Best Western Riverside Hotel, Room: Delamar; 2900 W Chinden Blvd, Boise 83714
- DATE:** April 6, 2023; 08:00 – 17:00 MST
- VIRTUAL:** [Click here to join the meeting](#); Meeting ID: 226 627 956 253 Passcode: Hip9yN
- ATTENDEES:** Mark Sweeney, Chairman ◻ John Blakely, Member ◻ Todd Hitchcock, Member; Chris Pomeroy ◻ Member; Jeff Marker, Administrator ◻ Jennifer Schildgen, Airport Planning and Development Manager ◻ Tim Steffen, Director of Flight Operations ◻ Dan Conner, Airport Manager ◻ Ruth Munoz, Business Manager ◻ Tom Humphries, Pilot – Safety and Education Coordinator ◻ Shelly Haskins, Admin Support ◻ Derra Kolar, Technical Records Specialist ◻ Flo Ghighina, Aviation Tech ◻ Steffen Verdin, Airport Planner ◻ Tim Henderson, Aviation Mechanic ◻ Joe Fleck, Sr Utility Craftsman ◻ Justin Fort, Sr Utility Craftsman

A = Action Item  
I = Information Item

## AGENDA

- |   |                  |   |                  |
|---|------------------|---|------------------|
| A | <b>08:00 MST</b> | Welcome and Introductions <ul style="list-style-type: none"><li>▪ Call meeting to order</li></ul>   | Chairman Sweeney |
| A | <b>08:05</b>     | Review and approval of Feb. 21, 2023 minutes  | All              |
| I | <b>08:10</b>     | Board Member Reports <ul style="list-style-type: none"><li>▪ Mark Sweeney, Chair</li><li>▪ John Blakely, Member</li><li>▪ Todd Hitchcock, Member</li><li>▪ Chris Pomeroy, Member</li></ul>  | All              |
| I | <b>08:30</b>     | Administrator Update <ul style="list-style-type: none"><li>▪ Personnel</li><li>▪ New Advisory Board member</li><li>▪ Administrator</li><li>▪ Pilot/UAS Coordinator</li><li>▪ Burley legal action</li><li>▪ Webcams</li><li>▪ \$35M</li><li>▪ Research project</li></ul> | Jeff Marker      |

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The meeting is open to the public, except for any executive sessions.  
\*Meals provided will not be claimed by any ITD employees.*

I	09:00	Financial Update	Jeff Marker for Ruth Munoz
	09:15	BREAK	
I	09:30	Airport Planning and Development <ul style="list-style-type: none"> <li>▪ New Rexburg Airport</li> <li>▪ Dave Mitchell, P.E. Aviation Services Manager, Northwest Ardurra Group</li> </ul>	Jennifer Schildgen
I	10:00	Flight Operations <ul style="list-style-type: none"> <li>▪ Pilot training</li> <li>▪ Maintenance training</li> <li>▪ Idaho Aviation Accident Score Card (IAASC Report)</li> <li>▪ Standard Operating Procedure (SOP) Updates</li> <li>▪ Search and Rescue (SAR) Update</li> </ul>	Tim Steffen
I	10:30	Safety and Education <ul style="list-style-type: none"> <li>▪ 2023 Spring Plan</li> </ul>	Tom Humphries
I	10:45	Airport Management <ul style="list-style-type: none"> <li>▪ Airport Spotlight: Warm Springs Creek (OU1)</li> <li>▪ Staff/Caretakers</li> <li>▪ Hoodoo Meadows</li> <li>▪ Leading Idaho Projects</li> </ul>	Dan Conner
A	11:15	Adjourn to attend IAMA Conference	Chairman Sweeney
A	11:20	Working Lunch	Chairman Sweeney
A	12:00	Attend IAMA Conference	All

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17:00

IAMA Conference Concludes

All

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USER ID: AD-FN-GL-003  
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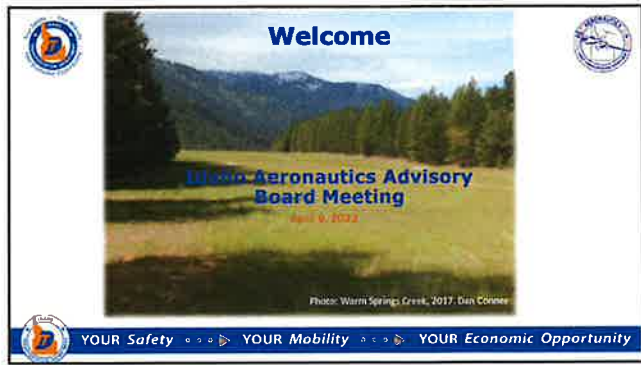
## IDAHO TRANSPORTATION DEPARTMENT

STATEMENT OF REVENUES AND EXPENDITURES  
 BUDGET TO ACTUAL  
 FOR THE FISCAL YEAR TO DATE - FOR THE PERIOD ENDED 2/28/2023

FISCAL YEAR: 2023

FISCAL YEAR:	2023	YEAR TO DATE	YEAR TO	CURRENT MONTH	YEAR TO DATE	VARIANCE	PERCENT	ANNUAL	APPROPRIATION	PERCENT
BUDGET FISCAL YEAR:	2023	ALLOTMENT	DATE ACTUAL	ACTIVITY	ENCUMBRANCE	FAVORABLE/ UNFAVORABLE	VARIANCE	APPROPRIATION	BALANCE	REMAINING
		(A)	(B)	(C)	(D)	(E = A - B - D)	(F = E / A)	(G)	(H = G - B - D)	(I = H / G)
<b>REVENUES</b>										
State Sources - Miscellaneous		289,026.	459,798.	36,587.	0.	170,772.	59.09 %	341,000.	(118,798.)	-34.84%
Interagency Sources - Miscellaneous		192,000.	169,494.	0.	0.	(22,506.)	-11.72%	254,900.	85,406.	33.51 %
<b>TOTAL REVENUES:</b>		<b>481,026.</b>	<b>629,292.</b>	<b>36,587.</b>	<b>0.</b>	<b>(148,266.)</b>	<b>30.82 %</b>	<b>595,900.</b>	<b>(33,392.)</b>	<b>-5.60%</b>
<b>TRANSFERS-IN</b>										
Operating		1,567,880.	2,337,724.	143,078.	0.	769,844.	49.10 %	2,200,000.	(137,724.)	-6.26%
<b>TOTAL TRANSFERS-IN:</b>		<b>1,567,880.</b>	<b>2,337,724.</b>	<b>143,078.</b>	<b>0.</b>	<b>769,844.</b>	<b>49.10 %</b>	<b>2,200,000.</b>	<b>(137,724.)</b>	<b>-6.26%</b>
<b>TOTAL REV AND TRANSFERS-IN:</b>		<b>2,048,906.</b>	<b>3,021,253.</b>	<b>179,665.</b>	<b>0.</b>	<b>743,347.</b>	<b>32.63 %</b>	<b>3,464,400.</b>	<b>443,147.</b>	<b>12.79 %</b>
<b>EXPENDITURES</b>										
Permanent Staff Salaries		612,399.	510,910.	63,895.	0.	101,489.	16.57 %	936,843.	425,933.	45.46 %
Board, Hourly, OT, Shift Diff		51,400.	52,723.	1,148.	0.	(1,323.)	-2.57%	77,700.	24,977.	32.15 %
Fringe Benefits		255,468.	215,299.	25,807.	0.	40,169.	15.72 %	388,157.	172,858.	44.53 %
Travel Expense		59,936.	47,106.	4,676.	0.	12,830.	21.41 %	114,511.	67,405.	58.86 %
Technology Operating Expense		31,363.	41,721.	2,695.	6,089.	(16,446.)	-52.44%	47,934.	125.	0.26 %
Operating Expense		793,513.	481,849.	40,001.	142,394.	169,270.	21.33 %	1,554,955.	930,712.	59.85 %
Technology Equipment Expense		14,000.	5,898.	0.	0.	8,102.	57.87 %	14,000.	8,102.	57.87 %
Capital Equipment Expense		116,000.	9,135.	0.	9,643.	97,222.	83.81 %	226,000.	207,222.	91.69 %
Capital Facilities Expense		858,682.	75,833.	10,448.	202,308.	580,541.	67.61 %	1,283,682.	1,005,541.	78.33 %
Trustee & Benefit Payments		2,130,000.	5,867,659.	307,052.	0.	(3,737,659.)	-175.48%	11,803,469.	5,935,810.	50.29 %
<b>TOTAL EXPENDITURES:</b>		<b>4,922,761.</b>	<b>7,308,131.</b>	<b>455,721.</b>	<b>360,433.</b>	<b>(2,745,805.)</b>	<b>-55.78%</b>	<b>16,447,251.</b>	<b>8,778,685.</b>	<b>53.37 %</b>





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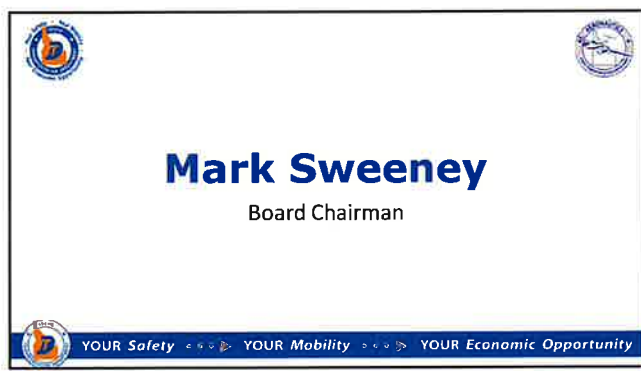
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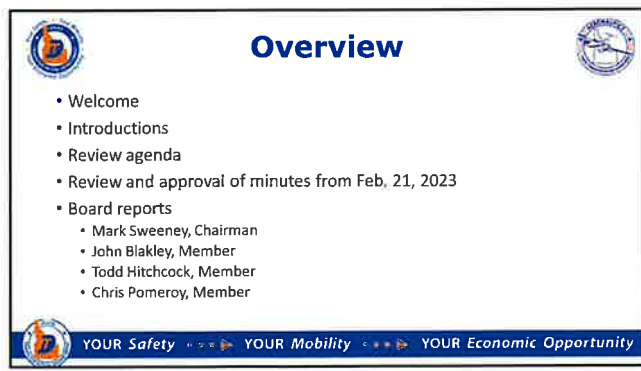
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# Jeff Marker

Administrator



YOUR Safety • • • • YOUR Mobility • • • • YOUR Economic Opportunity

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## Administrator Update

- Personnel
- New Advisory Board Member
- Administrator
- Pilot / UAS Coordinator
- Burley legal action
- Webcams
- \$35M
- Research Project

Photo courtesy of Tim Steffen

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% OF TIME REMAINING: 53.9  
FUND: 1031 176176 ADMINISTRATIVE FUND

IDAHO TRANSPORTATION DEPARTMENT  
STATEMENT OF REVENUES AND EXPENDITURES  
BUDGET VS ACTUAL  
FOR THE FISCAL YEAR TO DATE FOR THE PERIOD ENDED 2/28/2023

FISCAL YEAR: 2023

YEAR TO DATE	BUDGET	ACTUAL	VARIANCE	PERCENT	YEAR TO DATE	BUDGET	ACTUAL	VARIANCE	PERCENT
REVENUES					EXPENDITURES				
State Grants - Transportation	1,000,000	980,000	(20,000)	-2.0%	Salaries & Benefits	1,000,000	980,000	(20,000)	-2.0%
Federal Grants - Transportation	500,000	480,000	(20,000)	-4.0%	Travel	500,000	480,000	(20,000)	-4.0%
TOTAL REVENUES	1,500,000	1,460,000	(40,000)	-2.7%	Supplies & Materials	500,000	480,000	(20,000)	-4.0%
EXPENDITURES					Telephone	500,000	480,000	(20,000)	-4.0%
Salaries & Benefits	1,000,000	980,000	(20,000)	-2.0%	Utilities	500,000	480,000	(20,000)	-4.0%
Travel	500,000	480,000	(20,000)	-4.0%	Insurance	500,000	480,000	(20,000)	-4.0%
Supplies & Materials	500,000	480,000	(20,000)	-4.0%	Depreciation	500,000	480,000	(20,000)	-4.0%
Telephone	500,000	480,000	(20,000)	-4.0%	Other	500,000	480,000	(20,000)	-4.0%
Utilities	500,000	480,000	(20,000)	-4.0%	TOTAL EXPENDITURES	1,500,000	1,460,000	(40,000)	-2.7%
Insurance	500,000	480,000	(20,000)	-4.0%					
Depreciation	500,000	480,000	(20,000)	-4.0%					
Other	500,000	480,000	(20,000)	-4.0%					
TOTAL EXPENDITURES	1,500,000	1,460,000	(40,000)	-2.7%					

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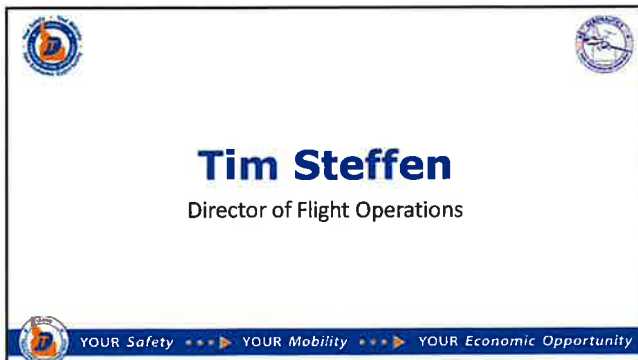
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## Flight Operations



- Pilot Training
  - Humphries – Copilot King Air
  - Humphries – Copilot Kodiak
- Maintenance Training
  - Master Mechanic Tim Henderson
  - C206 annual February
  - King Air Starter-Generators
  - King Air IFR Check
  - Kodiak annual April





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## Accident Score Card




- 2023 report captures 2021 lessons
- Sets agenda
- Trends
  - Accidents up
  - Fatalities down (but...)
- Recommendations





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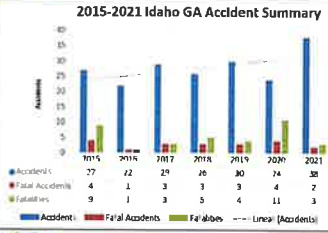
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## Accident Score Card

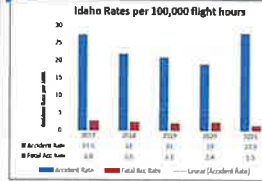


### 2015-2021 Idaho GA Accident Summary




Year	Accidents	Fatal Accidents	Fatalities
2015	27	4	9
2016	22	1	1
2017	25	3	3
2018	26	3	5
2019	30	3	4
2020	24	4	11
2021	30	2	3


### Idaho Rates per 100,000 flight hours



Year	Accident Rate	Fatal Acc Rate	Fatalities Rate
2015	2.8	0.8	2.0
2016	1.8	0.2	1.6
2017	2.0	0.6	1.4
2018	2.2	0.6	1.6
2019	2.4	0.6	1.8
2020	2.0	0.6	1.4
2021	2.8	0.7	2.1



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## Standard Operating Procedure Updates

- Johnson Creek Video
  - [Draft Video](#)
  - Print
- Smiley Creek Video



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## Search And Rescue Update

- 2023 Idaho SAR Events
  - 5 Total accidents, 0 fatal
  - 3 Notifications, 2 false alarms
  - 1 Accidents, 1 launch + 0 ground teams
  - 4 hours supporting SAR
- 2022 Idaho SAR Events
  - 37 Total accidents, 6 fatal
  - 63 Notifications, 46 false alarms
  - 20 Accidents, 3 launch + 4 ground teams
  - 146 hours supporting SAR



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## Questions

Photo provided by Tim Steffen

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## Tom Humphries

Safety and Education Coordinator



YOUR Safety

YOUR Mobility

YOUR Economic Opportunity

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## Safety/Education Preview

- 2023 Spring Plan
  - Art Contest 2023
    - Deadline: 14 April
  - ACE Academy – 21-23 June
    - Careers in Aviation
    - Deadline: 19 May
  - Idaho Aviation Expo – 2 June
    - Commemorative
    - Local Airport
    - Safety Stand Down
    - Learning Clinic



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## Safety/Education Preview

- New Stand Down – 20 May
  - Nampa Civic Center
  - Pilot Proficiency Clinic
- Round Engine Roundup – 15-17 June
- Backcountry Safety Group - July 1
- Rusty Pilot COE – 15 July






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YOUR Economic Opportunity

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## Dan Conner

Airport Maintenance Manager



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### Airport Spotlight

## Warm Springs Creek (0U1)

- Located: Silver Chapter
- River's discharge: 131 cfs @ 780'
- 9 acres of riparian - 23.8 acres total
- Banklines: 4.83'
- Normally feed 80% of take at 800' Y 20
- Managed by Division of Jurisdiction since 1951
- Owned by House National Forest & Fish & Game
- Four in down on the Northeast end

1952 Survey work

1953 Aero received an easement with Fish & Game and special use permits from USFS.

1954 Construction completed

2021: Last 5010-1 in file





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## Staff/Caretakers

- Caretakers, Apr 23 & May 21 until Sep 16
- Crew is starting spraying of weeds and opening of airports





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## Hoodoo Meadows



- Draft Special Use Permit



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## Leading Idaho



Projects Underway:

- Johnson Creek and Cavanaugh Bay Snow Roofs
- Garden Valley Culvert Liners





CAVANAUGH BAY CARETAKERS BUILDING SNOW ROOF



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## Leading Idaho



Projects on the shelf and ready to go:

- Stanley Paving - Gravel Source & Summer Temp
- Smiley Creek
- Cavanaugh Bay Outhouse
- Big Creek Shed
- Garden Valley Pump Station





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## Tools & Equipment









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## Snowmobiles



**SNOWMOBILES CAUSE CRASHES**

SNOWMOBILE RUTS FREEZE OR BURNOUT

**WHICH CAN FLIP AIRCRAFT**



**SAVE LIVES, STAY OFF THE RUNWAY**



**SNOWMOBILES CAUSE CRASHES**

**RUTS LEFT OVER CAN FLIP AIRCRAFT**





**YOUR Safety** >>> **YOUR Mobility** >>> **YOUR Economic Opportunity**



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## Helicopter Fire Base








**YOUR Safety** >>> **YOUR Mobility** >>> **YOUR Economic Opportunity**



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## Questions



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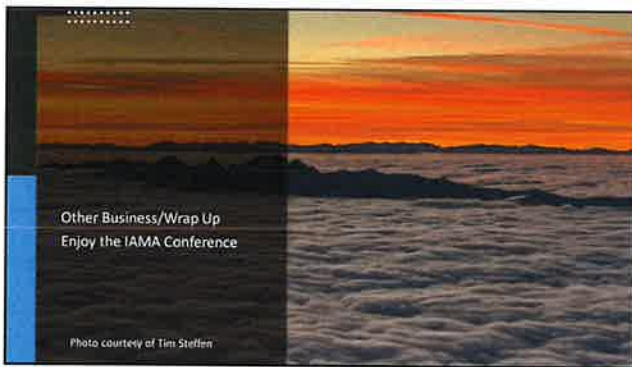
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