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Inc.

Pine Mountain Lake Aviation Association



No Meeting in January

Next Meeting: Saturday February 3, 2024

President's Message

By Mike Gustafson

. This note comes to you a few days after PMLAA's holiday party. And what a party it was -- great food, we almost ran the bar dry, and the Kickstart band played until we dropped!! We had 75 happy souls at Camp Tuolumne Trails' beautiful Great Hall and great merriment was had by all.

A special thank you to Jerry Baker and his kitchen staff for the excellent meal, the volunteers who served the food, and the folks who showed a few days before the event to decorate the hall and the very large Christmas tree. Our appreciation also to Santa Purifoy and his elf Stacey.

Thanks to your generosity our Toys-for-Tots drive was a huge success! Lots of toys and a lot of cash with which to purchase even more goodies for Santa's bag! Thank you all for helping our less fortunate neighbors.

Each of the out-going board members is working with the new incoming directors to make sure the transition is smooth and efficient. I am handing off the gavel to Bob Mackey and we will be meeting to review a few of the upcoming meeting speakers. Stay tuned for a listing of the interesting meetings and events coming up in 2024.

There isn't much news on our airport but I understand the County has received about 20 applications for the Airport Manager position! They will cull that list down to 8 or so and begin the interview process as soon as possible. We are anxiously waiting for the consultants' report on county airports finances as well.

As this is my last President's message I offer a few parting words. I have found the last two years as your president to be very rewarding, fun, a bit of a challenge sometimes for sure, but overall a very satisfying time. I have learned oh so much about leading a large volunteer organization; our club is one of the biggest on the hill. I want to thank my colleagues on the board (Rob, Patricia, Bob and Gabe) and all the hangar owners who graciously allowed us to dirty their floors by hosting one of our meetings. Honest, we do try to clean up after ourselves!

I also want to thank all the volunteers who show up on the first Saturday of the month to set it all up and then come back the next day and pack it back up. A special thanks to Phil, our ever suffering A/V guru, for his system expertise, to Dianne Cole for putting together the newsletter every month, to Gabe Coelho for making sure we don't run out of party supplies, and to Jeremy Zawodny for keeping the communications flowing.

Thanks for the memories,

Mike



Message From Vice President-Social

By Gabe Coelho

Will return next month. (*Ed.*)

2024 PMLAA Leadership



L-R: Editor Dianne Cole, Treasurer Ralph McLaughlin, VP-Airport Affairs Rob Compton, President Bob Mackey, Secretary Phil Boortz. Not pictured VP-Social Affairs Gabe Coelho.



Column will return (*Ed*)

Safety Corner

**SAFETY
IS NO
Accident**

By Joe Sobczak

Jack Frost



If you are flying, Jack is NOT your friend! This morning, I went out to my truck only to find a thin layer of frost on the windshield. Had this been my airplane, parked out on the ramp overnight, could I fly?

Well, not until the frost was dealt with. Frost on the windows would affect visibility. Even more critical, frost on the wings or flight control surfaces reduces lift, possibly resulting in a crash on takeoff.



According to the NTSB, frost the size of a grain of salt, distributed as sparsely as one per square centimeter over a wing's upper surface, can destroy enough lift to prevent a plane from taking off. It's a double whammy: less lift, and a heavier airplane due to the frost itself.

Polishing the frost until smooth used to be a legally permitted way of handling the problem. The regs have changed, because a very small amount of frost, polished or not, can seriously affect your aircraft's performance. It must be removed! **POLISHING THE FROST IS NO LONGER PERMITTED.**

So, you flew to Columbia last night for a big night on the town, parked in transient, and had a romantic night at the Fallon Hotel, an authentically restored 19th-century country inn. You got up bright and early, had a hearty breakfast at Mandy's and went to your plane only to find the wings covered with frost. What to do?

First and foremost, don't assume a small layer of frost is no big deal and just take off. Before E45 I had a tiedown at Columbia and encountered this situation numerous times. One option, on a sunny day, is to position your plane so the sun is shining on top of the wings. Even if the temperature is below freezing, the radiant heat from the sun will start to melt the frost. In my winter flyaway kit I keep several cans of Prestone Windshield De-Icer (available at your friendly local NAPA Pine Mountain Auto store for about \$7 a can). Depending on how much frost you have on your airplane it could take several cans to completely de-ice it, and it claims to be harmless to car finishes. Hopefully that applies to airplane finishes as well. But take some consolation in the fact that it can cost upwards of \$13,000 to de-ice my little 737 on a snowy day in Denver.

So, why the heck is there frost on my plane when it didn't even get below 32 degrees last night? The answer: black body radiation. Frost that forms due to freezing of liquid water is best referred to as frozen dew. Initially, both the dewpoint and temperature are above freezing when dew forms. Longwave radiational cooling gradually lowers the temperature to at or below freezing during the night. Ever notice how much colder it feels on a clear night than on a cloudy night? Although the air temperature may not get below freezing, an exposed surface can radiate enough heat on a dark night (and we have plenty of those around here) to cause the surface to cool below ambient and cause dew to freeze on your plane.

Since this topic is sort of a downer, I will close with a link to a much more upbeat subject: Jack Frosties! [Don't let the cold get you down -- click here for a link to a recipe for a Jack Frost Cocktail, a Christmas favorite!](#) Just be sure to partake AFTER you finish flying for the day!

Merry Christmas, and FLY SAFE!



PMLAA Holiday Party at Camp Tuolumne Trails







Above photographs by Krystall Johanson

Important Information

By Kay Meermans

Do you know that PMLAA maintains two life saving Phillips Heart Start Home Defibrillators on the airport?

The AEDS are set up and ready for use....no training is needed to operate these units, they have preprogramed voice prompts to guide you. HOWEVER, I suggest you go online and familiarize yourself with their use before you may have an emergency.

The two locations are:

1. Vicky and Jeff Benzing "Second Hangar" front porch.
2. Kay Meermans Hangar porch.

Kay Meermans Porch Location



Vicky & Jeff Benzing Porch Location





Pine Mountain Lake Aviation Association

Membership Application, Renewal and Update



() New Member Date: _____
 () Renewal – no changes
 () Renewal – with changes

	<u>Order Badge</u>	<u>Publish on Member List</u>
Name 1: _____	<input type="checkbox"/> Yes \$15 ea. <input checked="" type="checkbox"/> Yes	
Name 2: _____	<input type="checkbox"/> Yes \$15 ea. <input checked="" type="checkbox"/> Yes	
Child Name: _____	<input type="checkbox"/> Yes \$15 ea. <input type="checkbox"/> Yes <input type="checkbox"/> No	
Child Name: _____	<input type="checkbox"/> Yes \$15 ea. <input type="checkbox"/> Yes <input type="checkbox"/> No	
Mailing Address: _____		<input type="checkbox"/> Yes <input type="checkbox"/> No
City: _____ State: _____ Zip: _____		
Phone 1: _____		<input type="checkbox"/> Yes <input type="checkbox"/> No
Phone 2: _____		<input type="checkbox"/> Yes <input type="checkbox"/> No
Email 1: _____ (Required)		<input type="checkbox"/> Yes <input type="checkbox"/> No
Email 2: _____		<input type="checkbox"/> Yes <input type="checkbox"/> No

PMLAA Mission: To promote aviation interests and ensure the welfare and safety of its members, Pine Mountain Lake Airport, and the general community, through aviation-oriented recreational and educational activities.

Monthly Meetings: Held the first Saturday of each month (no meeting in January or July), usually at 6:00, check the PMLAA Newsletter or website www.pmlaa.org for details.

- Annual membership dues are \$25.00 per household.
- Please make check payable to: **PMLAA**.
- Bring to monthly meeting or remit to: **PMLAA, PO Box 131, Groveland, CA 95321**
- Membership includes:
 - Monthly electronic newsletter.
 - Access to member directory (available *only* to members).
 - Invitation events to monthly meetings and airport events.

Annual dues \$25.00 per year	\$ _____
Badges @ \$15.00 each	\$ _____
Donation (\$25-\$100 suggested)	\$ _____
Scholarship Fund Donation	\$ _____
TOTAL enclosed	\$ _____

2023

Meeting Calendar

<u>Date</u>	<u>Program</u>	<u>Time & Location</u>
February 3, 2024	TBD	6 pm TBD

2023 Aviation Calendar

December	2 – PMLAA Holiday Party @ Tuolumne Trails 2-3 – E45 Airport Display Day, 8:00-4:00, sign off at 12:00 <i>7 – Pearl Harbor Remembrance Day</i> <i>21 – Winter Solstice 7:27pm – First Day of Winter</i> <i>25 – Christmas Day</i> <i>31 – New Year’s Eve</i>
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BOARD OF OFFICERS & COMMITTEE CHAIRS – 2023

OFFICERS		COMMITTEE CHAIRS	
President , Mike Gustafson	209-962-6336	Property , Ed Peters	962-6267
VP, Airport Affairs , Rob Compton	962-6503	Multimedia , Phil Hickerson	962-6714
VP, Social Affairs , Gabe Coelho	209-617-4384	Membrshp/Rostr , Bob Mackey	209-777-5558
Secretary , Bob Mackey	707-622-5392	Airports Manager , Drew	533-5685
Treasurer , Patricia Gibson	707-332-6469	Display Day Coordinator Rob Compton	962-6503
Email: president@pmlaa.org or board@pmlaa.org		Safety , Mike Gustafson & Joe Sobczak	
Phone prefix is 209 unless otherwise indicated		Newsletter , Dianne Cole	510-417-5121
		Webmaster , Jeremy Zawodny	408-685-5936