

THE HOLD SHORT

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06 APR - 12 APR

MASTERING MIXTURE: NAVIGATING ENGINE DYNAMICS IN CHANGING CONDITIONS

As we start to move away from the frigid cold, it is crucial to remember that as temperatures rise, density altitude increases, which actually affects idle mixture. Mechanics typically adjust this during service, but in the meantime, be cautious of rough idle or stalls, especially in warmer weather. Remember to lean well during all ground operations, especially when temperatures increase.

The POH method for mixture adjustment on the ground is to set the engine to 1200 RPM and lean it out until the engine starts to stumble, then slightly enrichen it. Be cautious not to lean too much, which can lead to engine failure. When landing, ensure the throttle is not pulled aggressively, as this can exacerbate issues, especially in warmer temperatures. All throttle movements should be gradual and controlled to prevent engine stalls.

Unlike cars with sophisticated engine controls, piston singles are relatively simple, requiring pilots to adjust settings manually. It is important to adapt to changing conditions and report any anomalies so they can be addressed promptly.

REMINDERS FOR THE UPCOMING WEEK

- If you would like to be part of the Study Group or Pilot Sharing What's Apps, please contact the office and we will add you.



NACAYLA FRANNEY – INSTRUMENT RATING

Ladies and gentlemen, let's give it up for the one and only Nacayla Franey! She's not your average pilot – she's a perfect blend of sass, smarts, and smart sass, and she's here to take the aviation world by storm! Graduating from UNR in a few weeks, celebrating her birthday, and now rocking that instrument rating – Nacayla is the queen of multitasking! Who knew you could conquer the skies while acing senior year and looking good doing it? Enduring endless office banter?

No sweat for Nacayla. She's a pro at handling any obstacle with hard work and just a hint (sometimes a smothering) of sarcasm. She tackled her instrument training like a boss, all while juggling work, study sessions, senior year shenanigans, and of course, perfecting those gym selfies. Because why settle for anything less than perfection? But let's not forget to give a massive shoutout to her incredible CFII, Shane Smith, for being the wind beneath her wings (literally)!

Together, they're an unstoppable force in the sky.

Nacayla, your determination and spirit inspire us all. Keep soaring high and blazing new trails in the sky! The sky's the limit for you, superstar!

Let's roll for initiative and give a thunderous applause to Joshua Gilmore for leveling up today with his first solo flight! KSPZ, runway 06, will forever hold a special place in Josh's heart, as it's where he honed his skills and buttered his first solo landings in N670CS. Josh isn't just soaring in the skies; he's living life to the fullest! When he's not mastering the art of flight, you can find him navigating mountain biking trails, shredding the pow pow on his snowboard, camping under the stars, and even delving into the depths of Dungeons and Dragons, where he's known as the "Skyborne Sorcerer," at least we think that would be a pretty sweet name for him. Kudos to Josh for his epic solo achievement! Keep spreading your wings and conquering the skies, adventurer! And let's not forget to give a massive shoutout to his trusty CFI, Nathan Morin, for guiding him on this epic journey!



JOSHUA GILMORE – SOLO

Woohoo to Alex Crupi for reaching new heights today with his unforgettable first solo flight at KRTS, runway 08! We're still trying to figure out how he managed to fit flying into his jam-packed travel schedule, but hey, where there's a will, there's a runway! Between jet-setting across the globe for work (we hear his recent Vietnam trip was pho-nomenal), he somehow found time to spread his wings and take to the skies and accomplish this most memorable milestone. Alex's adventurous spirit and love for aviation shine bright, and today's flight marks just one step closer to earning that coveted private pilot certificate! Keep soaring, Alex! The skies are calling, and we know you're ready to answer. And a huge shoutout to his awesome CFI, Grant Muzzio, for guiding him on this incredible journey!



ALEX CRUPI – SOLO

Let's give it up for the newest member of the CFI club, James Morgan! Today was a major flex in his aviation journey. Timing is everything, and James totally aced it by dodging the incoming storm system like a pro. James has been soaring high since day one at Great Basin Aviation. From earning his private pilot certificate to mastering instrument flying and snagging that commercial rating, he's proven time and time again that with enough grit and determination, the sky's the limit! And now, as a certified flight instructor, he's ready to sprinkle some of that aviation magic on the next generation of sky warriors. But wait, there's more! Between ruling the skies and dropping knowledge bombs on eager learners, James has also made some serious moves in his personal life – like getting hitched! Talk about taking flight in matters of the heart! Let's also give a major shoutout to James's wingman, CFI extraordinaire Danny Britson, for guiding him through every twist and turn of this wild ride. So here's to James, the latest addition to the CFI elite, and to many more epic adventures in the wild blue yonder! We could not be happier for you!!

****James might have ran out on us before we could snap a shot, but his Private Pilot days are forever captured in this throwback****



JAMES MORGAN – CFI