

RUN-UP



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CUSTOMER SPOTLIGHT

Josh Freeman

Our customer spotlight this quarter is on Honey Farmer and pilot-in-training, Josh Freeman of Turtle Lake, ND.

Located just a few miles north of Turtle Lake, you will find a family owned business that is all the buzz. Josh, his wife, Melanie, and their son, Tanner, are working hard through the summer harvesting honey. They have over 9,000 hives placed around 200 locations in a 85-mile radius from their home operation. Each hive has about 60,000 bees that can produce about 65 pounds of honey.

Noyes Apiaries Inc. was founded in 1973 by Melanie's parents, Tony and Debbie Noyes, in New Plymouth, ID. The family business expanded to Turtle Lake in 1986 for the production of clover honey. Then in 2006, Josh came into the family operation and has worked to keep expanding production and relationships with landowners.



Josh and His Cessna 182



Noyes Apiaries in Turtle Lake has added bigger facilities and more equipment to keep up with the bees' production. "From buildings to our equipment, we have been able to come a long way over the years" says Josh. While the bees are in North Dakota producing honey now, once the temperature starts to drop you will be seeing Josh and all his helpers load up all the hives and send them to California.

Even though Josh is currently working to get his pilot's license, he already has a vision of how flying can help him save a lot of time and money. "We have a lot of hives scattered out across the North Dakota countryside. Being able to fly over them and see how the fields around them are doing, would save me a lot of time. A guy can't efficiently drive around to check on all our sites. Along with that, when transporters are taking the bees to the West Coast, I currently drive out there and it takes four to six days. To fly out there, I could do it in two or three days."

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CUSTOMER SPOTLIGHT Continued

Josh adds, "I would like my son to get his pilot license as well. Then we can make cross country trips together, taking turns flying the airplane. We could take trips to check on the bees or even go visit family in different states. Flying opens a lot of doors when you are able to get around so much faster."

When asked what advice he would give someone thinking about getting their pilot license, Josh shared, "Do it now and don't wait on it. I wish I would have started and got it done with 10 years ago. I would not have been as financially stable then as I am now, but it would have been really nice to have used flying over the years."

SPOTTED ON THE RAMP



Piaggio P.180 Avanti:

This Italian executive transport aircraft was designed with its engines mounted in a pusher configuration and a three-lifting surface design. After receiving certification in 1990, there have been over 230 of these unique aircraft built.

BAC is proud to be an Air Elite FBO & provide great service to all our customers.



PRODUCT SPOTLIGHT

G1000 NXi Integrated Flight Deck

Garmin and Bismarck Aero Center is pleased to announce the G1000 NXi Integrated Flight Deck, the successor to the ever-popular G1000® flight deck. This will be a retrofit for WAAS-capable G1000 equipped 172 R/S, (T) 182T, (T) 206H, G36 and G58 aircraft. Boasting a modernized flight display design with significant performance enhancements, the G1000 NXi incorporates innovative capabilities into a state-of-the-art avionics platform. G1000 NXi provides features such as map overlay within the HSI, wireless cockpit connectivity — including wireless database updates using Flight Stream — and more.



This next generation technology is a great way to keep your cockpit up-to-date with the best equipment. Give me a call to talk more about its features and see if the G1000 NXi could be right for your aircraft!

The Tech Guy, Kris Hexom

CAF AirPower History Tour

National Air Tour of Historic World War II Aircraft



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FIFI
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plus other classic warbirds

Location

Bismarck Municipal Airport / Bismarck WWII Hangar
2301 University Drive, Bldg. 22
Bismarck, ND 58504

Schedule

Wednesday, August 14	9:00 a.m. to 5:00 p.m.
Thursday, August 15	9:00 a.m. to 5:00 p.m.
Friday, August 16	9:00 a.m. to 5:00 p.m.
Saturday, August 17	9:00 a.m. to 5:00 p.m.
Sunday, August 18	9:00 a.m. to 5:00 p.m.

Sat-Sun B-29 flies 9:00 a.m./10:30 a.m.

Aircraft tours start at 9:00 a.m. Wed-Fri and 12:00 p.m. on Sat-Sun.

Cost

Adults \$10
Youth 10-18 \$5
Children 9 and under FREE
*Price includes FREE B-29 tour

Rides

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ALL PROCEEDS BENEFIT THE SCOTTISH RITE SPEECH THERAPY CENTER FOR CHILDREN

COME FLY WITH US Flight Instruction Tip

Summer is in full swing, bringing with it plenty of sunshine. Unfortunately, this time of year also brings the threat of thunderstorms, haze, and turbulence. No pilot wants to be surprised by a bout of bad summer storms. There are ways to mitigate the dangers of ugly flying weather. If you have a clear avoidance or escape strategy planned, you can avoid in-air anxiety and reach your destination safely. Here are a few tips to keep in mind when dealing with summer flight weather.

Stay Up to Date on the Forecast

The best time to avoid getting caught near a storm is before you leave the ground. There are plenty of resources to help you monitor the weather, from smartphone apps to local television and flight service briefers. It should go without saying, but always make sure you obtain a solid pre-flight weather briefing and keep updated as much as possible.

Depart Early in the Day

Heat causes thunderstorms and turbulence to rise, so the sooner you can get in the air, the better. The most dangerous time of day for thunderstorms is typically 5 to 7 p.m. Flying early helps you avoid the risk of encountering a dangerous storm.

Keep Your Cool

Even the most seasoned pilots can occasionally encounter a storm. According to the FAA, you can encounter hail and violent turbulence within 20 miles of very strong thunderstorms. The first thing to do when caught in a storm is to reduce airspeed immediately to maneuvering speed and tighten seatbelts and shoulder harnesses. Experts also suggest staying on the same heading when you run into a storm instead of turning around.

Enjoy Flying Season

Keeping calm and using your best judgment is key to avoiding thunderstorms and other dangerous summer weather. Be well prepared, and above all else, have fun. After all, flying season is meant to be enjoyed!

Happy Flying!

Ray Brooks, Lead CFI



Interested in flight instruction at BAC?

Contact Ray: 701-223-4754 or rayb@bismarckaero.com.

MAINTENANCE CORNER

Have you noticed your engine has been running rough lately? It could be something as simple as a mixture adjustment. I don't mean by leaning or enriching with your mixture control in flight, rather by having your mechanic make an adjustment on the carburetor or fuel servo.

It is very easy to check if your mixture is correct on most Continental and Lycoming piston engines. When you are shutting down your engine, pull your mixture control to cut off slowly and you should notice a slight rise in RPMs. Typically, 30-50 RPMs is a good number to look for. If you notice your RPMs go up a couple hundred RPMs, then your mixture is set too rich. This can result in higher fuel burn, higher carbon deposits which can lead to more frequently fouled-out spark plugs, a rough running engine, or a loss of power. If you notice you don't have a rise in RPMs, then you are running too lean. Running lean can cause a rough running engine, loss of power, or a hotter engine, which can lead to various other problems.

If you notice an improper RPM rise, it might be a good idea to talk to your mechanic about making the adjustments. They are usually simple and typically involve turning an adjustment screw or knob to obtain the necessary rise in RPMs that the maintenance manual calls out for.

Happy Flying! Erik Peterson, Lead Maintenance Technician

QUARTERLY RECAP

Look at all the fun we had!



1. Career Day Fun Facts: We had over 800 students attend for the second year in a row! We had 16 different elementary schools participate. Over 60 volunteers helped to make it another great success. 2. We had a DC-3 visit Bismarck Aero Center on it's way to France for the 75th Anniversary of the D-Day Normandy Invasion. 3. The Mandan Fly-In was hosted at the Mandan Aero Center and was a record breaking year. We had the highest number of people AND planes ever in attendance!

NEW FACES

David Brown, FBO Flightline Technician - Night Shift



Help us welcome David to our Bismarck Aero Center FBO team!

David comes from a strong hands-on background. He has spent the last 7 years working nights in Jamestown as a Powder Coating Technician and shift lead. In his role, he helped create products ranging from heavy production ag components to unique one-off customized coating projects.

David is described as dependable, great team player, strong work ethic, and quick learner. As a Night Shift Flightline Technician, he will do most of his work independently and make sure Bismarck Aero Center customer service standards are upheld even through the late hours. He is looking forward to getting back to a family work environment where everyone pulls together as a team and has respect for each other.

Isaac Jung, A&P Maintenance Technician



Please welcome Issac to the Bismarck Aero Center Maintenance team!

While finishing his Aviation Maintenance Technology degree at Northland Community Technical College in Thief River Falls, MN, Isaac took great initiative in getting to know folks within the BAC/MAC organization. Isaac joins us with a high recommendation from his teachers and classmates, as well as others within the region.

Isaac is looking forward to living in Bis-Man to be closer to friends and family. He successfully completed and passed all of his A&P requirements recently. This is a significant milestone for Isaac in his career as Aircraft Maintenance Technician. Welcome to the team!

Dylan Wolff, FBO Flightline Technician - Part Time



We welcome Dylan to our Bismarck Aero Center FBO Team!

Dylan recently finished his freshman year at Bismarck State College. He has been curious about aviation for some time and joined BAC to explore aviation as a possible career. Previously, he has worked in customer service roles as well as on his family farm.

Dylan has provided a great service to his home community of Wishek as a volunteer Fire Fighter and Emergency Medical Responder. As a part-time flightline technician, his role at the FBO will be to provide additional support during the summer busy times and cover for vacation requests. Dylan is a hard worker and is excited to start his flightline training. Welcome aboard, Dylan.



UPCOMING EVENTS

Aug. 14th - 18th

B-29 FIFI & Friends (Bismarck)

Aug. 19th

National Aviation Day

Sept. 8th

Bismarck Fly-In & Pancake Breakfast

Oct. 3rd

Props and Hops October 3rd (Mandan Aero Center)

TRIVIA

This past July, we celebrated the 50th anniversary of the Apollo 11 Mission. On July 20, 1969, over 600 million people held their breath as they watched astronauts Neil Armstrong and Edwin “Buzz” Aldrin make history by becoming the first men to set foot on the moon. It is a once-in-a-lifetime opportunity, which only a few individuals have been lucky enough to experience. How many humans have walked on the moon?

- A) 7 B) 12
C) 14 D) 21

Submit your answer by 8/23 for a chance to win a \$25 gift card! Contact Shae Helling at shaeh@bismarckaero.com. The answer to our last trivia question is B. The B-29 was put into service in 1944 to replace the older B-17 and B-24 for its longer range and greater bomb capacity. Congrats to Dr. Dale Klein for being this quarter’s lucky trivia winner!

Keep up to date with events, aviation news & cool aircraft! Follow us at:



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