

MARION AIRPORT NEWS



P&N FLIGHT & CHARTER

319-377-0457



April 2011

Volume 23, Issue 4

**Safety
Program
Airmen
Notification**

SPANS is an online event notification system. The FAA will send you an email announcing air events such as seminars, safety meetings, important notices and contact information. Register for this service at www.faaafety.gov/spans



JUST A REMINDER!!

The Marion Airport will be a part of the Freedom Festival Celebration again this year with a Fly-In/Drive-In Breakfast on Sunday, June 26, 2011. Plan to come out and join the fun. Volunteers of all ages are welcome and appreciated. Next month's newsletter will have more information. If you have any ideas or suggestions, please call Jan at 319-377-0457.

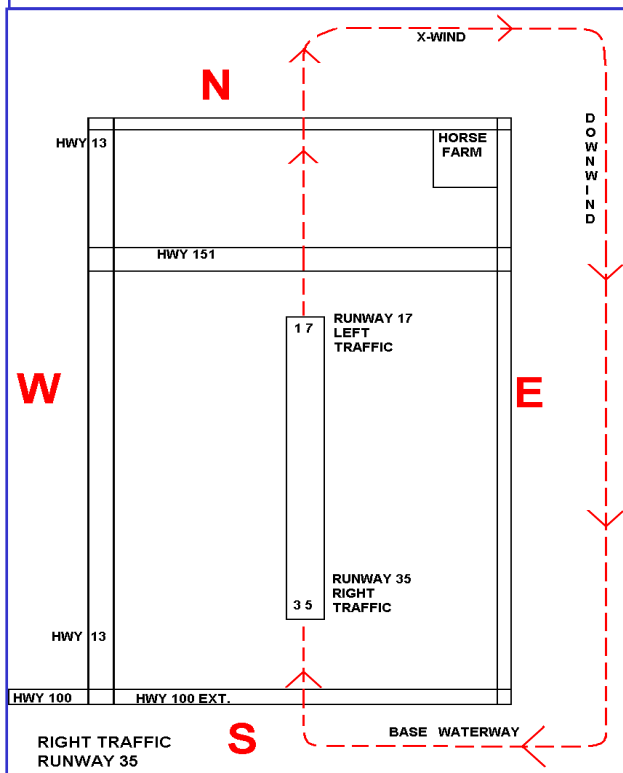


Congratulations

Dan Moore
Private Pilot—April 12

Isaac Grigg
Private Pilot—April 13

RIGHT TRAFFIC RUNWAY 35 MARION AIRPORT



THUNDERSTORMS

As experienced in the past, thunderstorms (some containing tornados) and spring always seem to go hand in hand.

As pilots, we need to be aware that warm air, high humidity and turbulence are required for a thunderstorm to develop. These conditions begin Stage I, the Cumulus Stage. As air is heated it will rise, creating updrafts and more turbulence. When it reaches a higher altitude, the air will cool, reach its dew point, condense, and form cumulus clouds (those big, white, puffy clouds we see on warm summer days.) These updrafts may extend from the ground to several thousand feet above the visible cloud tops. Due to this increased cloud building and cooler air, tiny droplets become larger until they become too heavy for the updrafts to contain and fall as rain.

Stage II, the Mature Stage, occurs when updrafts continue feeding the warm humid air into the storm. Existence of both updrafts and downdrafts make this the storms most violent stage. If the updrafts are strong enough, water droplets are blown to the top where they freeze. When they become too heavy, they fall back down and then are blown back up again. When the process is repeated several times, hail is formed. The stronger the winds, the bigger the hail that will form.

In the Dissipating Stage, Stage III, the downdrafts continue growing and choke off the updrafts. When the supply of humid air is stopped, the storm begins dying and the rain tapers off.

Severe thunderstorms are classified as those with winds greater than 50 knots or hail 3/4 inch thick. Imagine the force of the winds inside and around those storms!

The general rule is to fly 20 nautical miles away from a thunderstorm as hail has been known to be thrown almost that far out. This is why we can experience rain and/or hail even though the sky is clear above our heads and a storm is five miles away.



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1710 Marion Airport Road
Marion, IA 52302
319-377-0457

ADDRESS SERVICE REQUESTED



“Mix ignorance with arrogance at low altitude and the results are almost guaranteed to be spectacular.”
—Bruce Landsberg, AOPA Safety Foundation

UPCOMING EVENTS

HAPPY BIRTHDAY TO:

Carilyn Morse - May 7
Dominic Valenti - May 10

Mother's Day
May 8

Memorial Day
May 30

Flight Breakfast
Red Oak Municipal Airport
7 am - 11 am
May 1

Fly In Breakfast
Sioux Gateway Airport
Mid American Aviation and Transportation Museum
7 am - Noon
May 22

Fly In/Drive In Breakfast
Marion Airport
6:30 am - Noon
June 26

AIRCRAFT MAINTENANCE

Annuals, 100 hrs, general airframe and engine maintenance and repair includes Rotax maintenance

Mechanic on duty 6 days a week

HIRING MECHANICS EXPANDING

319-377-0457
ask for **Perry**

CAREERS ON WHEELS

Marion Airport will be hosting Careers on Wheels on May 17 for 4th graders from the Linn Mar Community School District.

Vehicles on display for this event will include garbage trucks, hearses, weather vans, tractors, semis, helicopters and airplanes.

MARION AIRPORT AERIAL PHOTOGRAPHY

Photos are professionally processed on premises

HOMES-BUSINESSES-FARMS

8x10 11x14 20x20 22x30

Call 319-377-9437

BEGINNING MAY 6, 2011

We will be grilling hamburgers and hotdogs on Fridays at noon at the Marion Airport and we invite you to join us. We welcome the chance to share ideas and meet with pilots and friends. We would like to have an idea of how many to expect so we can have plenty of food. Please let us know if you plan to attend by calling 319-377-0457.

REMINDER

THE TARMAC IS FOR AIRPLANES **ONLY**, NOT CARS!!

PLEASE USE THE ROAD BEHIND THE OFFICE BUILDING TO ACCESS THE HANGARS.