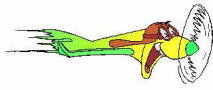
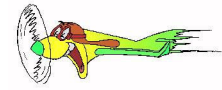


Huron County Airport



Scud Runner



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NOFA Inc.

Visit the 5A1 airport website:
www.huroncountyairport.com



Inside this issue:

Pilot's Lounge <i>(from the Manager)</i>	1
Squawk <i>(from experience)</i>	2
Touch and Go <i>(flying tips)</i>	2
Compass <i>(about the airport)</i>	2



"In flying I have learned that carelessness and overconfidence are usually far more dangerous than deliberately accepted risks."

Wilbur Wright
in a letter to his father
September 1900

Pilot's Lounge: *Fly4Life*

By Sandy Gordley, Airport Manager

The Fly4Life program and website is being created and organized by a group of volunteers active in the leadership of both Public Benefit Aviation within the United States and Mission Aviation internationally. One goal is to change the perception that cabin-class aircraft are for the "rich guys" or that jets are filthy tools for executives. The Fly4Life organizations want to shed light on the good works these aircraft do around the world.

Corporate Angel Network Through the generosity of corporations flying business aircraft, Corporate Angel Network arranges free travel for cancer patients using the empty seats on corporate jets. The service is vitally important to cancer patients. Some simply can't afford the cost to fly commercially. Others can't handle the stress of navigating airports. Still others can't risk the exposure of crowded airports because of immune system deficiencies. Since 1981, CAN, a not-for-profit organization, has worked with U.S. corporations to schedule more than 31,000 cancer-patients a month, to and from treatment.

1-866-328-1313

www.corpangelnetwork.org

Angel Flight is a non-profit organization utilizing volunteer pilots to fly patients to specialized medical care. They are a coordinating service matching volunteer pilots willing to donate their time and aircraft to individuals in need. Angel Flight is available to children or adult patients and an escort needing transportation for medical evaluation, diagnosis or treatment. Patients must be ambulatory, which means they must be able to walk, enter and exit the plane with little or no assistance, and require no medical care (i.e., doctor or nurse) en route. Angel Flight will also fly persons with a compassion need on a

case-by-case basis. There must be a financial or compelling need for the flight and the distance is within 1,000 miles.

1-800-296-3797

www.angelflight.com

Mission Aviation Foundation Scores of worldwide relief and assistance organizations rely heavily on MAF...mainly because of the good reputation for service for MAF pilots and staff. Also, humanitarian groups like the World Food Programme, USAID, World Health Organization, and others have come to depend on MAF. MAF flight programs become a natural hub that mobilize and link many efforts together...helping to save thousands of lives. Mission Aviation Fellowship's Kodiak single-engine turboprop was on display at Oshkosh this year.

1-800-359-7623

www.maf.org

Pilots N Paws is an online meeting place for pilots and other volunteers who help to transport rescue animals by air. The mission of the site is to provide a user-friendly communication venue between those that rescue, shelter, and foster animals, and pilots and plane owners willing to assist with the transportation of these animals. A general aviation transport requires just one pilot volunteer and is far more efficient and dependable than time-consuming ground transportation for these animals who are often in danger of euthanization.

www.pilotsnpaws.org

Also:

www.thirtythousandfeet.com

www.aircareall.org

www.flyingpaws.org

Squawk: *Jet Stream*

By Sandy Gordley

The jet stream is a river of wind that blows horizontally through the upper layers of the troposphere, generally from west to east, at an altitude of 20,000 – 50,000 feet.

The jet stream develops where air masses of differing temperatures meet. For this reason, surface temperatures determine where the jet stream will form. The greater the difference in temperature, the faster the wind velocity inside the jet stream. Jet streams can flow up to 200 mph, are 1000's of miles long, 100's of miles wide, and a few miles thick.

Cold polar air flowing down from the north meets the warmer air mass over the U.S. causing the **polar jet stream** to form. Areas of high and low pressure act like a moving riverbed, buckling and snaking the path of the jet stream as it flows to the east.

During the winter, a second jet stream forms in the lower altitudes. It separates the air mass over the U.S. from warmer air masses rising from south of the equator. This is called the **subtropical jet stream**.

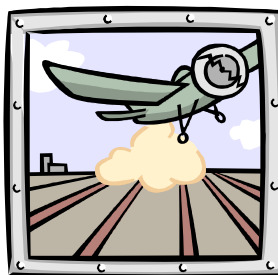
The jet stream can also contain windshear, a violent and sudden change in wind direction and speed. Windshear can occur outside the jet stream as well, even at the surface. All commercial planes in the U.S., since 1996, have been equipped with windshear warning systems.

Those who have “walked” the jet stream: Mt. Everest, at over 29,000 feet, is so high that its summit actually sits in the jet stream with prevailing winds at about 188+ mph. Standing on the summit is a dangerous business and one has to pick the right moment carefully. Most prefer to summit in early May or fall when the jet stream pushes northward over Tibet.

Touch and Go: *Traffic Pattern Operations - Single Runway*

By Sandy Gordley

1. Enter pattern in level flight, abeam the midpoint of the runway, at pattern altitude (1,000' AGL is recommended pattern altitude unless established otherwise).
2. Maintain pattern altitude until abeam approach end of the landing runway on downwind leg.
3. Complete turn to final at least ¼ mile from the runway.
4. Continue straight ahead until beyond departure end of runway.
5. If remaining in the traffic pattern, commence turn to crosswind leg beyond the departure end of the runway within 300 feet of pattern altitude.
6. If departing the traffic pattern, continue straight out, or exit with a 45 degree turn (to the left when in a left-hand traffic pattern; to the right when in a right-hand traffic pattern) beyond the departure end of the runway, after reaching pattern altitude.



Compass: *Space Available*

By Sandy Gordley

B-East Hangar and Office Space. As some of you know, Bio-Gas Technologies moved out of this building at the end of June. They purchased a building in Sandusky and moved their business to the Erie County location.

The Civil Air Patrol is occupying some of the office space on the west end of the building; however, there are several other offices available for rent. In 1988, the building was constructed and owned by Air Continental. They housed several aircraft in the 15,000 SF clear-span hangar. There are three separate workshop rooms and a parts room also.

Currently, there are four aircraft in the hangar; however, we do have room for a few more. Rent is \$115/mo. Please “pass the word around” that this space is available.

