Iss. 11 | November | 2009

Coos Bay Coastal Hops

It's Tougher in Alaska

www.coosbayhops.com

"HEY COOSBAY, WADAYASAY?"

Well, it's been a couple of years now since a small group of very frustrated flight-Sim pilots bumped into each other on GameSpy. Tired of the same old thing, they decided to create a different type of experience.

The main idea was to challenge ourselves to think "Outside the Box". The result has even shocked us! Along the way, with a simple "click", we have created a different world to escape to. We have forged many wonderful relationships that span the globe. With the addition of the "Coosbay Australia connection", we now have solid server connections worldwide.

Coosbay has many success stories to tell, and alas, a few tragic ones also. All in all, this roller coaster ride called Coosbay has become a wonderful experience. The "Skunkworks" wishes to thank every one of you for making this possible.

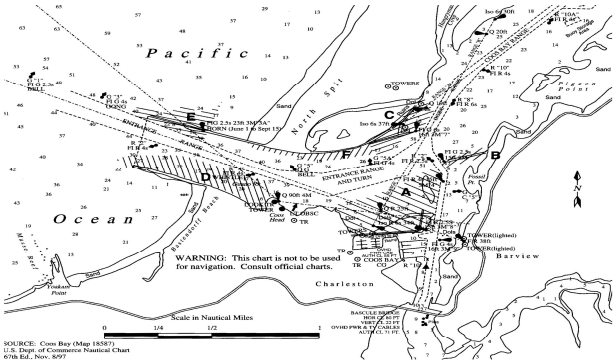
"Let the Ride Continue!!"
Coosbay1

Visit our website and download over 300 custom made airports with interesting designs and challenging approaches. We fly these airports quite often in our "It's Tougher In Alaska" sessions. Please make sure you have our airport package when you join our session. Airport download package is free and easy to execute. Go to our website at http://coosbayhops.com/

If you find "Its Tougher in Alaska" locked on FlightSim board, check our website for the pass word.

Join us on Teamspeak while flying with us at "Its Tougher in Alaska". Currently, Teamspeak is reserved for members only. Become a member today and join us on Teamspeak.

While you are visiting our website, you may consider showing your support for Microsoft's Flight Simulator Franchise for their hard work and the fine products they produced over the past years. Click on the icon located at the bottom left side of our home page.



Coos Bay

Wind Speed & Direction

- Calm
- 5 knots
- 10 Knots
- 15 Knots
- 20 Knots
- 50 Knots
- 65 Knots

Example Wind Barb

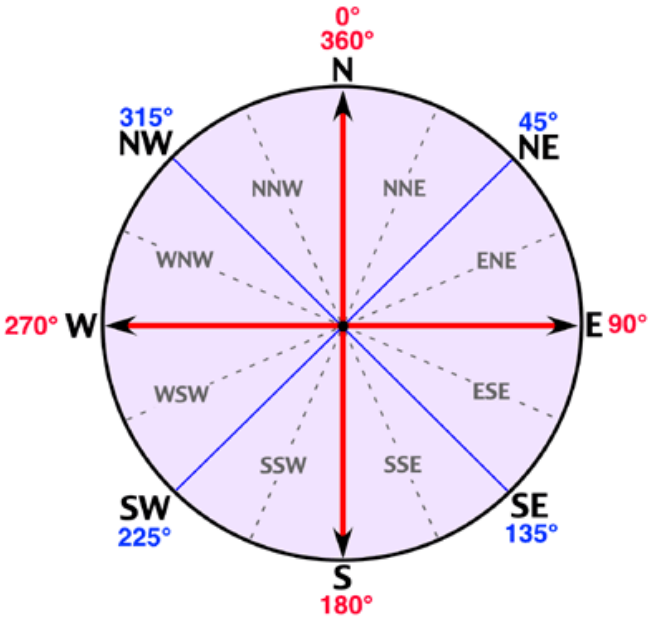
Read as: Northwest Wind at 25 Knots

Barbs point to direction wind is coming from.

HOW TO FLY WHEN THERE IS WIND

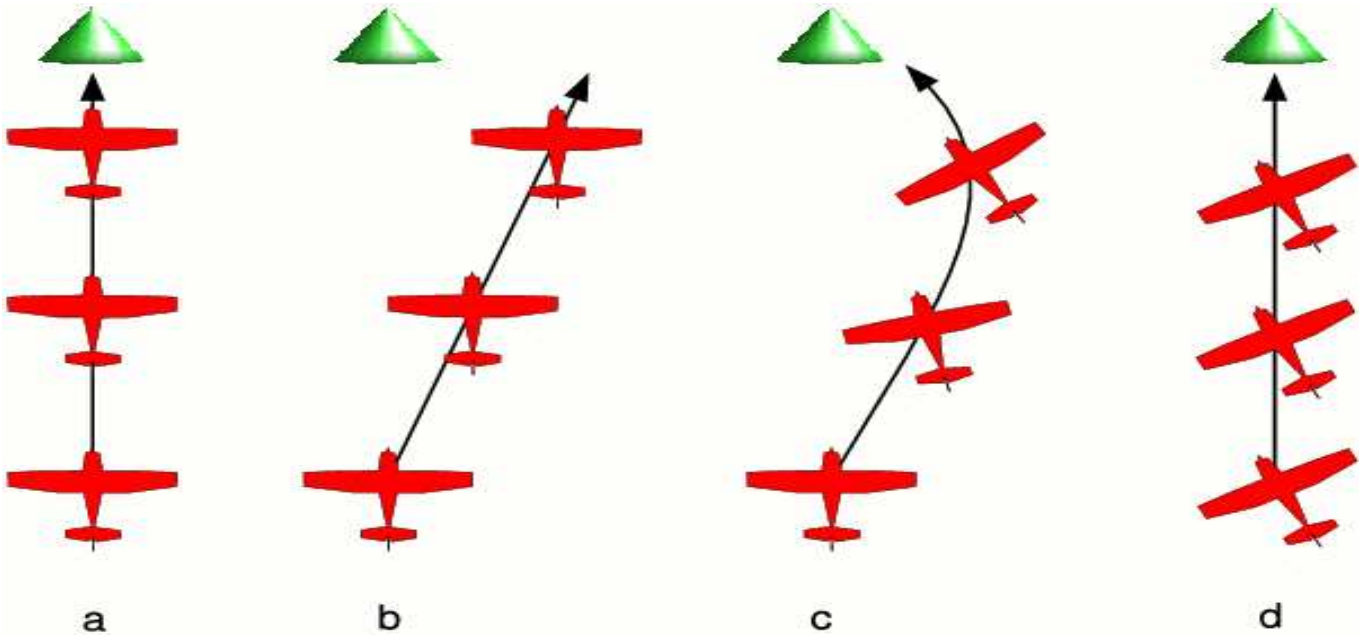
Think of a hot air balloon. Think of it as being in the middle of a gigantic cube of air. The cube of air may move at high speed compared to the ground. To pilot a hot air balloon you bring it at an altitude where the wind blows in a direction that more or less suits your needs. In the same way, an aircraft flies in the middle of a gigantic cube of air.

When the wind blows in the same direction as you fly, the speed of the wind adds itself to the airspeed of the plane. Hence you move faster compared to the ground.



More complex is when the wind blows towards the side of the airplane. Look at the pictures below.

- On picture (a) there is no wind and the pilot is flying towards the green hill to the North.
- On picture (b), the pilot keeps heading to the North. Yet there is wind blowing from the left; from the West. The airplane drifts to the right and misses the hill.
- On picture (c), the pilot keeps heading towards the hill. This time he will arrive at the hill. Yet the plane flies a curved path. This makes the pilot loose time to get to the hill. Such a curved path is awful when you need to make a precise navigation.
- Picture (d) shows the optimal way to get to the hill. The plane is directed to the left of the hill, slightly towards the West. That way it compensates the wind and keeps on a straight path towards the hill. It will need more time to reach the hill than if there was no wind and this is the best attitude (the solution is to let the airplane head a little bit into the wind.)



How to Crab an Airplane for Wind Correction

It is not too difficult to fly these days. GPS has taken all the hard work out of navigation. Before the use of GPS, a pilot was required to do very involved mathematical calculations to correct for winds aloft when planning for flights.

1. Pilots used to correct for wind in the aircraft heading to compensate for the effects of prevailing winds. ***Heading corrections toward the direction of the wind slightly in known as "crab" or fly sideways shown in picture d above.***
2. Many pilots used an online version of the calculator that is much more user friendly. Have fun with this at **http://tinyurl.com/yhox7ng**.

Here is a picture of the pilot's carry on calculator. 

Information in this newsletter is developed by Kevin Kashi and Ted Robinson using the Coosbayhops website and published information on the internet. For questions, comments or suggestions regarding methods to improve the skill sets of PC pilots, airport and airplane design, please contact Kevin at CoosBayKevin@aol.com or Ted at trobin@molalla.net.