

On Line With...

Haviland Telephone Company, Inc.

A PUBLICATION OF HAVILAND TELEPHONE COMPANY, INC.

VOL. 9 ISSUE 9 September 2007

High-Speed Internet Changes

All our premium broadband (DSL or high-speed Internet are other names) customers have had another boost in speed. Our standard broadband speed is now 6 Mbps (megabits per second, often just said as "6 Meg")! Its about the fastest around, except for our Super-premium residential customers, who have been bumped up to 10 Mbps.

How does that compare to other "always on" services? A national satellite Internet company charges \$79 for 1.5 Mbps downstream and 256 Kbps upstream. A nearby company asks \$69 for 3 Mbps. A \$49 unlicensed wireless Internet usually runs about 1.5 Mbps down and 256 Kbps up. A prominent CATV company gives customers 4 Mbps for \$49. Remember that dialup Internet connections seldom connect faster than about 50 Kbps.

How can you check your speed at home? Check out any of the speed tests in the chart on the next page.

Bandwidth Speed tests vary quite a bit. To

conduct an informal test, we put our Haviland office connection through its paces. It's a very fast, fiber-based connection that runs right into our network router. The results are included in the chart below. Although the same connection was used on a Saturday morning with no other activity to influence results, results returned from various speed tests were dramatically different.

Bandwidth tests results are influenced by several factors. The connection between your service provider and the server that hosts the test will probably slow down results. And, generally, a speed test on a more distant host server will produce slower results. For example, the speakeasy test ran on the Seattle server instead of the Stillwater, Oklahoma server produced consistently slower results.

Servers hosting bandwidth tests also may influence tests. If the server is very busy, speed results will vary, especially if the server does something besides just host

HAVILAND TELEPHONE COMPANY

104 N. Main, Haviland

620-862-5211 or 800-339-8052

Gene Morris, President

Haviland Office

Mark Wade, General Manager

Millie Hannan, Customer Service

Sandy Erwin, Billing Coordinator

Kay Lewis, Data Processor

Dwight Smitherman, C. O. Supervisor

Alvin DeGarmo, Construction Supervisor

Bobby Long, Technician

Tommy Bunce, Technician

Sabrina Freeman, Plant Sec.

Steve Davis, Controller

Sue Leppert, Accountant Asst.

Conway Springs Office

211 W. Spring

620-456-2211 or 800-287-7905

Dan King, Outside Plant Supervisor

Brent Swingle, Central Office Technician

Vesta Charbonneau, Customer Service

LaDonna Erker, Customer Service

Don Phillips, Technician

Dan Bender, Technician

BUSINESS HOURS

8:00 am to 5:00 pm Monday-Friday

Office Closed Saturday and Sunday

www.havilandtelco.com

For service after hours call:

Haviland Office, 800-339-8052

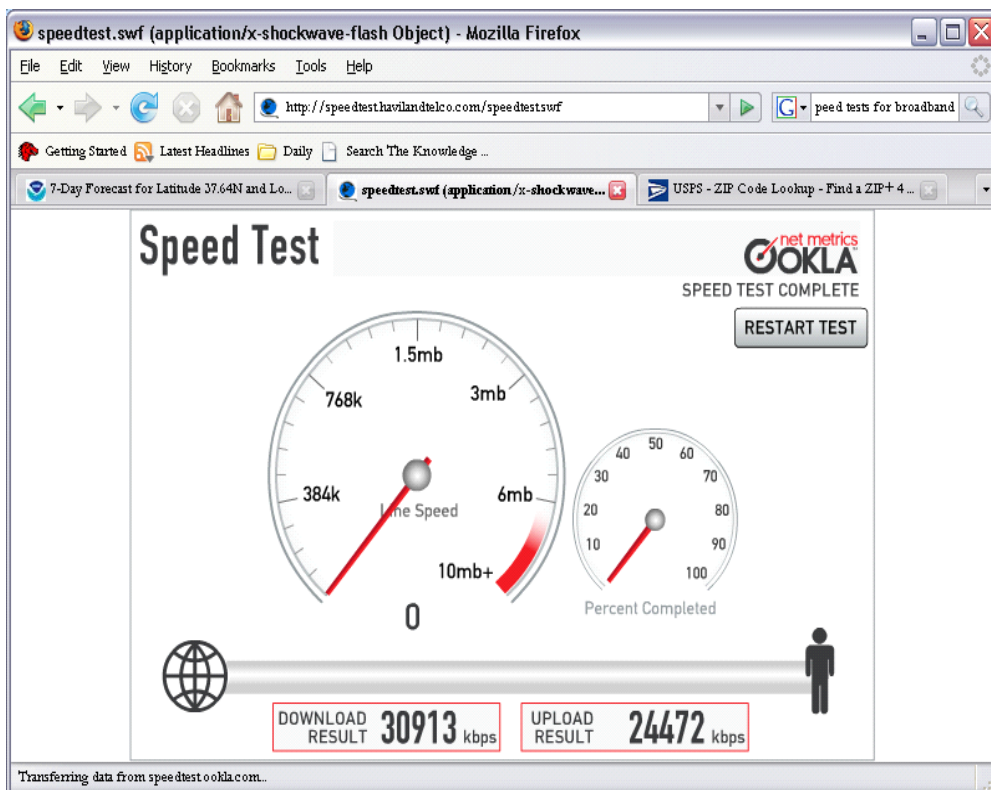
Conway Springs, 800-287-7905

Haviland Internet Help Desk Hours:

Monday thru Friday - 8 a.m. to 7 p.m.

Sat. 1 p.m. - 5:00 p.m. & Sun. Office Closed

1.866.704.4268



High-Speed Changes (Cont.):

speed tests. So, generally, busy times of the day will result in slower speeds.

Our new bandwidth test, at <http://speedtest.havilandelco.com/speedtest.swf>, which will shortly be on the homepage, is inside our network. You'll know you have this speed test, because it will look like the picture. Having a speed test inside our network means that the test will show very accurate speeds from your location to the edge of our network. It isn't testing the web connection from here to Timbuktu or a server congestion in Kingdom Come.

The key is to test consistently. Use the same speed test and the same server at the same time of day to tell the most about your connection.

If you are a premium residential customer, you should test about 6200 Kbps, or 6.2 Mbps down, and 800 Kbps upstream. That's about 125 times faster than optimum dialup speeds. In terms of value, dialup costs \$400 per Mbps, while premium broadband costs \$8.07 per Mbps! (Customers in Haviland, Mullinville, and Wilmore should be converted from 3 M to 6 M within a few days. Promotional customers should test about 320 Kbps down and 210 Kbps up.)

Note that the old bandwidth test on our website couldn't keep up with faster connections. It only tested downstream speed, too.

If you are not enjoying the fastest Internet around, call us.

Website for Speed Test

	Down	Up
http://speedtest.havilandelco.com/speedtest.swf	31M	23M
http://www.testmy.net/tools/	23M	11M
www.speakeasy.net/speedtest	10M	6M
http://www.dslreports.com/speedtest	9M	4M
www.speedtest.net	6M	6M

“New” Backup Power Rule?

The Federal Communications Commission (FCC) has adopted a new rule that requires telephone companies to have backup power. The FCC has decided that incumbent telephone companies, competitive phone companies, and cellular companies should have backup power. Phone companies should provide a minimum of 24 hours of power for Central Offices (C.O.'s), and 8 hours of power for cell sites, remote switches, and digital loop carrier (DLC) stations.

You thought we had backup power, right? We do. Our C.O.'s and remote DLC stations have backup batteries that should meet these new requirements. But all our C.O.'s also have natural gas or LP external power generators for indefinite electrical outage periods. And we use gasoline-powered portable electric generators to provide additional backup power to DLC stations after the battery backup runs low.

Oh, incidentally, the FCC's new rule doesn't apply to small phone companies.

News and Other Items:

Local Calling:

Local calling that was instituted right after the Greensburg tornado is due to expire midnight of September 9. Calls between Haviland, Mullinville, and Greensburg will revert to toll calls.

County-wide calling was agreed to between Haviland Telephone, AT&T, and the Kansas Corporation Commission, at the request of Haviland Telephone. In the aftermath of the tornado, many Greensburg residences, businesses, governmental agencies, and aid agencies were located elsewhere in the county. Locations often changed quickly.

Currently, most Greensburg residences and governmental offices are located back in the city, and the need for the expanded calling scope has changed somewhat. If you have concerns about this issue, call us.

Print Directory:

The tornado delayed indefinitely the publication of our print directory. A very current version of all active listings can be found on our web site, where you'll just follow the links, or at <http://www.havilandelco.com/cgi-bin/addressbook/addrbook.pl>. Watch the newsletter for further plans.

Job Openings:

We have yet to fill open positions for a Customer Service Representative and Administrative Assistant. Both positions are in the Haviland Office. Call with inquiries, or submit an application and resume. Applications can be printed from <http://www.havilandelco.com/info/app.pdf>.