



Please be advised that in approximately one to two weeks, weather permitting, Chesapeake Bay Helicopters will be mobilizing to the Illuminating Company region and will begin performing UV/IR patrols on all Illuminating Company 345kV lines and routine patrols on all Illuminating Company 138kV lines. These patrols will take approximately three weeks to complete but as always, all work is strongly weather dependent and inclement weather or outage-related helicopter patrols will prolong completion. The following helicopters will be used for these patrols:

- UV/IR Patrols – Black and silver, Hughes MD500 with tail registration number **N774CB – photo attached**
- Routine Patrols – Blue, Bell 206 Jet Ranger with tail registration number **N719CB – photo attached**

A routine patrol is flown at speeds of 25-35 mph and is a general, overall look at the transmission line where the onboard inspector is looking for any outstanding damage on the transmission line conductors, hardware, and structures. The helicopter may also be seen hovering to get a closer look at any conditions that may be found.

A UV/IR patrol is like a routine patrol in terms of patrol speed (25-35 mph) but utilizes an infrared and corona camera that's mounted on the bottom of the helicopter. The onboard thermographer uses these cameras to view the transmission line conductor and hardware through the infrared and ultraviolet spectrums to identify any sources of corona activity or overheated components.