

# FLASH

cards

## Severe Winds

Families living in high wind or tornado-prone areas can take meaningful steps to protect families and homes.

First, secure a home inspection from a licensed, bonded and insured high wind mitigation expert or use the FLASH online DIY wind inspection to identify and consider the following options:

### Roofs

To strengthen against uplift forces:

- Make sure the roof deck is properly attached to truss/rafters with roof-wall (metal connectors/clips) connection hardware.
- Using a caulking gun, apply a 1/4 inch bead of APA AFG-01 certified wood adhesive along an intersection of the roof deck and roof support element (rafter or truss chord) on both sides of the beam. This technique can increase the wind uplift resistance by up to three times more than nail-secured sheathing, but should only be used on roofs one year old or greater.
- Attach quarter-round wood pieces with adhesive in the corners of the roof support elements where access is limited to one side.

### Porches

- Check to see if the exterior walls are securely connected to the foundation.
- Ensure that the porch columns or posts are properly attached with tie downs. The tie down is an internal rod within the porch column that connects the porch roof to the foundation making it more wind-resistant.

### Safety

- Consider installation or construction of a tornado safe room or shelter. See the related FLASH card for more Information.

Purchase and monitor NOAA All Hazards Weather Radio or visit [www.flashweatheralerts.org](http://www.flashweatheralerts.org) to download a severe weather alerts App for your iOS or Android powered device.

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