



PIF 10-10

July 10, 2010

Subject: Aircraft Tie Down Knots

Within the next few weeks the Flight School will be changing the tie-down ropes around the aircraft. The new ropes will be $3/8^{\text{th}}$ inch nylon rope with a tensile strength of 4,000 pounds. Because of the potential for thunderstorms and high winds, each aircraft must be properly tied down. Below is a Knotmaker drawing of a Locking Two Half Hitches Knot. It is the knot presently taught at the Flight School. The knot is to be tied such that rope has about an inch of slack in it. With the knot firmly in place, it is more likely that the anchor points will come out before the rope breaks.

