



08-29-2016 received notification of an accident that occurred on 08/26/2016 at Lincoln County Airport (KIPJ) involving N48KM, a Rotorway Exec, S/N 3363. N48KM is an amateur built experimental aircraft. Traveled to IPJ to interview Pilot and document scene and aircraft with pictures. Pilot stated that he was conducting balancing and tracking procedures on the aircraft after conducting maintenance on the Main Rotor Assembly. Aircraft was being operated from the Left Seat. He stated that he had conducted 4 previous ground and 1 foot hover checks prior to the accident. Pilot said that he was at a stabilized in an one foot hover when the aircraft suddenly started to gain altitude and the engine RPM increased, the aircraft went Nose up and to the left. The aircraft then struck a hanger and slide into N69FM, PA-32, pushing N69FM into the back wall. N48KM came to rest on it's left side inside the hanger. Helicopter sustained substantial damage to the Main and Tail Rotor System, Tail Boom and Fuselage. Pilot had minor injuries.

The aircraft was configured with the required ballast weight located on the right skid as required in the POH for Solo Operation. The Forward Portion of the Right Skid and the ballast weight were found laying on the ramp between where the aircraft was hovering and where it came to rest in the hanger.

N69FM had damage to the Left aileron, Left Stabilizer Leading edge, propeller, lower engine cowling and several scratches on the fuselage.

N48KM had approximately 255 hours total time (Aircraft HOBBS Meter was damaged in the accident and the 1/10 digit was free wheeling). Last Condition Inspection was accomplished 7/2/2016 at 254.4 ACTT.

Examination of Cyclic and Collective controls showed continuity. Pilot stated that the aircraft had operated "flawlessly" up until the time that the accident occurred. The Track and Balance was being performed because of Elastomeric Bearing replacement in the Main Rotor Hub