

Robin Reid Aviation

673 Cessna St
Independence, OR 97351
(408) 813-4209

July 19, 2011

Inspection of Citabria 7KCAB N16TB s/n 302-72

Lycoming IO-320-E2A, s/n L-4797-55A

Fuel injector model RSA-5AD1 part list 2524307-10, s/n 301267124

Flow divider Bendix AMS4290, s/n 895

On July 19, 2011, the aircraft was inspected as requested by NuVenture aircraft recovery on site at the Dallas storage facility. The following damage was noted:

- Spinner severely flattened, one propeller blade bent

- Motor mount and boot cowl damage

- Crankshaft appears bent

- Inspected air intake, no obstructions

- Alternate air functions normally

- Throttle arm 1/8" from forward stop when in full forward position

- Mixture knob forward, mixture arm 3/8" from forward stop on fuel injector

- Secondary B-nut found on fuel pressure line, does not appear to have caused any problems

- Engine had 6 ½ qts engine oil

- Reconnected battery, boost pump operation normal but cavitating from no fuel

- Fuel sump drained, only 3 Tbsp fuel

- No fuel out of main fuel line to fuel injector when boost pump turned on

- Unable to determine condition of fuel injector and flow divider without adding fuel to the fuel system.

- Engine pulled through, all cylinders appear normal

