

INSPECTOR STATEMENT
MICHAEL SINGLETON
TAMPA FSDO
N27CE

02/20/2013

ASSIGNED TO INSPECT POST ACCIDENT AIRCRAFT N27CE ENGINE FOR PRESENCE OF FUEL ANYWHERE IN THE ENGINE FUEL SYSTEM AND CONTINUITY OF THE ENGINE GEAR TRAIN.

02/27/2013

AIRCRAFT ENGINE IS BEING STORED AT PALMETTO/MANATEE AIRPORT IN HANGAR 13. UPON ARRIVAL I FOUND ENGINE SEPERATED FROM AIRCRAFT SITTING ON HANGAR FLOOR.

INVESTIGATION REVEALED THE FOLLOWING;

- PROPELLER BLADES HAD BEEN BROKEN OFF AT THE HUB
- LEFT VALVE COVER WAS SEPERATED FROM THE ENGINE
- REMOVED CARBURATOR AND DISASSEMBLED, NO FUEL NOTED
- REMOVED GASCOLATOR BOWL, APPROXIMATELY ONE CC OF FUEL WAS PRESENT IN THE BOWL, THERE WAS ALSO MODERATE CONTAMINATION INSIDE THE BOWL (DEBRIS).
- FUEL SUPPLY LINE FROM THE FUEL TANK WAS TORN OFF APPROXIMATELY SIX INCHES AFT OF THE ENGINE FIREWALL.
- REMOVED RIGHT ENGINE VALVE COVER AND ROTATED PROPELLER SHAFT, ENGINE HAS CONTINUITY THROUGHOUT VALVE TRAIN.
- VISUALLY INSPECTED ENTIRE ENGINE FOR EVIDENCE OF MECHANICAL FAILURE WITH NONE FOUND.

REPORTED RESULTS TO NTSB AND FAA IIC.