RB aviation services
Pickens airport rd
Jasper , Ga

Condition Report N 311SS
Piper PA-24-180 (1960)

Engine Condtion

Lycoming O 360 shows very little wear, logbooks were unavailable at time of inspection but believed to have less than 10 hrs based on borescorpe analysis. Extremely clean condition and shows 6.5 qts of oil in the sump.

All appliances appear to be new or rebuilt based on visual inspection only.

Propeller appears to have been overhauled on visual inspection although blade seals do show signs of leakage.

Engine pulls through cleanly and compressions were attempted but were very low. Low compressions believed to be the result of the low hours and rings that have not yet seated.

Borescope shows almost no signs of wear inside the cylinders.

Airframe

Overall paint shows well with minor blemishes and good coverage throughout.

Fuselage and wing skins show no sign of corrosion.

Nose Gear seal appears dry and has some leakage. Aircraft is on jacks and has been for some time.   Tires show no wear. Brakes are original setup with no toe brakes.

Windows are in very good condition with a few spots around the seals.

Stabilator seems very tight and visual inspection of horn shows it has been inspected at some time due to dye penetrant being present.   Does not appear to be Australian Horn.

Fuel bladders appear to be in good condition with no leaks, fuel is present with fuel additive.

No Battery installed but power was applied and all lights including beacon operate normally.

Panels lights and Avionics all seemed to be functioning properly.

Avionics include Garmin 530 (non waas), Garmin 340 Audio panel, Narco AT 50 (No ADSB).

Interior is like new with leather upholstery and carpet floors.

Landing gear is very clean but a gear swing was not attempted at this time due to battery and low power.

Overall condition shows very well and appears to have been meticulously rebuilt. This aircraft will need some attention and further inspections will need to be performed before airworthiness can be obtained.