N429ES Damages

Confirmed Damages:

Forward fuselage and structural damage
-Forward fuselage requires jigging for alignment and symmetry.
-Damaged lower firewall assembly to be removed.
-Damaged forward belly skin to be removed.
-Lower firewall angle to be removed.
-Left-hand and right-hand forward keel bulkheads to be removed and replaced.
-Lower forward bulkheads to be removed and replaced.
-Left-hand and right-hand forward floorboards to be removed.
-Shear plate to be removed and replaced.
-Engine mount stringers to be removed and replaced.
-Remaining internal structure to be inspected for additional damage.

Firewall damage
-Lower firewall sheet to be replaced.
-Lower firewall reinforcement to be replaced.
-Lower firewall angle and associated angles/stiffeners to be replaced.
-Firewall to be sealed with flame-retardant sealant.
-Engine mount to be reinstalled after inspection/repairs with new attach hardware.

Nose gear and steering system damage
-Nose gear assembly to be removed.
-Upper and lower nose gear attach fittings to be removed and inspected.
-Nose strut assembly to be disassembled, cleaned, inspected, resealed, reassembled, and serviced.
-Nose wheel assembly to be disassembled, cleaned, inspected, reassembled, and serviced.
-Nose steering boots and rudder return brackets to be replaced.
-Nose gear steering rigging to be checked.

Engine and propeller strike-related work
-Propeller and engine assembly to be removed.
-Engine to be crated and shipped for propeller strike inspection.
-Engine mount to be crated and shipped for inspection/repairs.
-Engine to be built up and reinstalled after inspection.
-Baffling, exhaust, accessories, lines, hoses, wires, and control cables to be

reinstalled/connected.
-New propeller assembly and mounting bolts to be installed.
-Engine to be serviced and pre-oiled.
-Vacuum pump replacement included if installed.
-Fuel, brake, rudder, and interior components

-Rudder pedals, rudder bars, brake master cylinders, and nose steering rods to be removed and reinstalled.
-Fuel header tank, boost pump, forward fuel system plumbing, fuel selector, and fuel strainer to be removed and reinstalled.
-Battery and battery tray to be removed from firewall.
-Forward seats, forward interior, inspection panels, and fairings to be removed/reinstalled as required.

Paint and finish
-Aircraft to be masked, sanded, and prepared as required.
-Lower forward belly skin to be repainted.
-Rivets around lower firewall to be touched up as required.