

7/6/2005, Wednesday

Remove broken tap from the roll bar (need to buy a new 6-32 NC tap)



Smooth edges, dimple front top skin  
Dimple rear top skin (partially)



Flare and connect fuel line to the fuel pump



Replace pilot side master cylinder connector (to AN-)  
Install pitch servo, drilled holes, reassembled push rods, primed mounting bracket and short pushrod  
Total time: 7 hours (440 hrs)

7/7/2005, Thursday





Rivet pitch servo mounting bracket

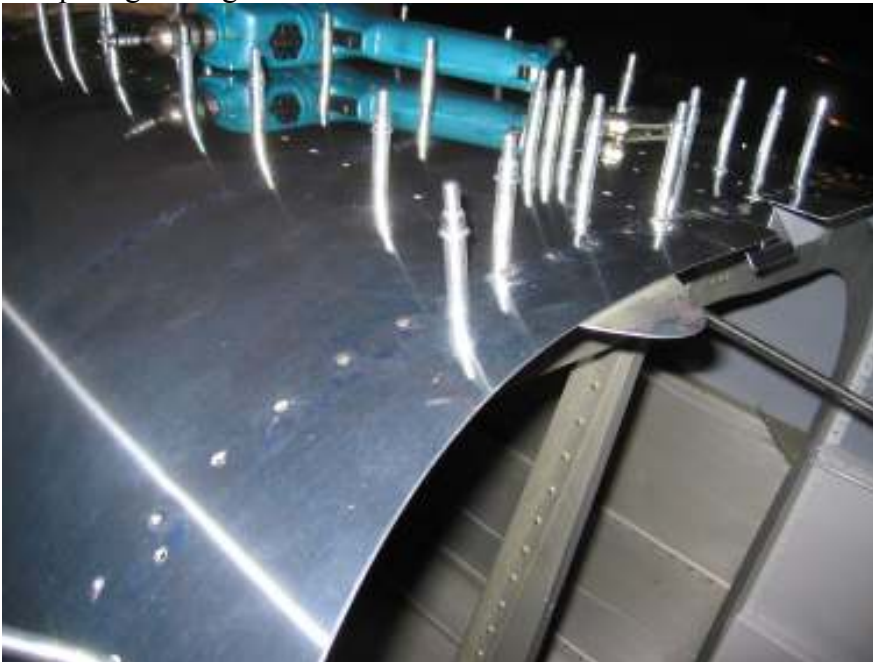




Install roll servo  
Prime front top skin  
Total time: 4 hours (444 hrs)  
Fly to KPMH

7/8/2005, Friday (out of town)

7/9/2005, Saturday  
Dimple right wing



Dimple and prime aft top skin, begin riveting



Build mounting bracket for GRT magnetometer  
Prime and mount the mount bracket  
Total time: 8 hours (452 hrs)

7/10/2005, Sunday



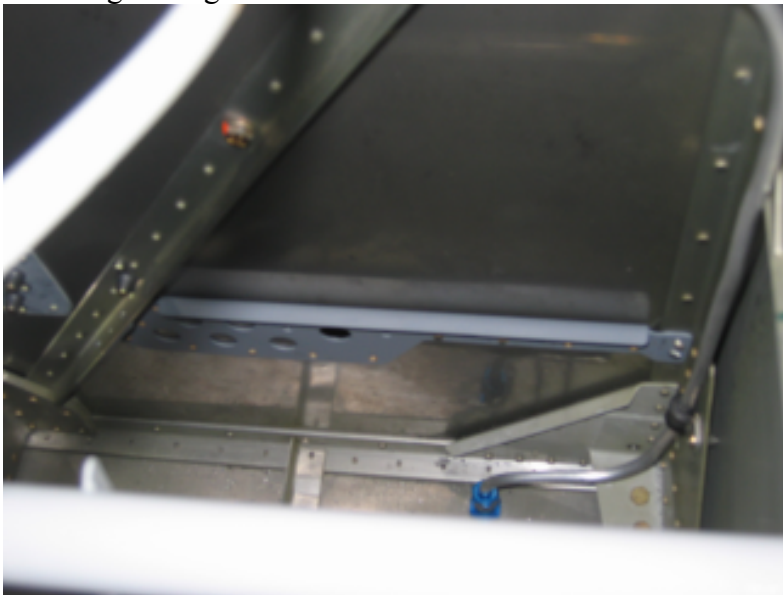
Rivet rear top skin



Match drill gascolator doubler  
Fit canopy again  
Total time: 6 hours (457 hrs)

7/11/2005, Monday

Prime gascolator doubler  
Finish dimpling right wing bottom skin  
Prime right wing bottom skin



Rivet gascolator doubler (still need to find #30 angle drill bit to drill the holes on the firewall support)  
Torque transducer sender mount to the fire wall  
Dimple, debur, roll the edge, and prime left wing bottom skin  
Total time: 7 hours (464 hrs)

7/12/2005, Tuesday

Install nutplates on wing access holes on the bottom wing skins  
Adjust sliding canopy frame, unfortunately collapsed it (the frame was Not built symmetrically. Right side is 1/4" longer from the top center to the

Side frame.) There is no way to make it symmetric.)  
Total time: 6 hours (470 hrs)

7/13/2005. Wednesday

Drilled cotter pin holes on main gear legs

Install main gears

Install engine mount

Install nose gear

The lower left engine mount hole is 1/8-1/4" off, bolt damaged, need to replace



Total time: 8 hours (478 hrs)

7/14/2005, Thursday



Drill and rivet nutplates for wing tips

Found #30 angle drill and drilled last three holes on the gascolator doubler, still to be riveted.

Begin working on gear leg fairings

Total time: 5 hours (483 hrs)

7/15/2005, Friday



Trim main gear leg fairings, drill half of the hinge, debur, prime paint, and rivet  
Remove tires and add washers to the main gear fairing mounting brackets to  
add more clearance between the bracket and the brake drum  
Mark wheel pans, drill and cleco two halves together  
Total time: 6 hours (489 hrs)

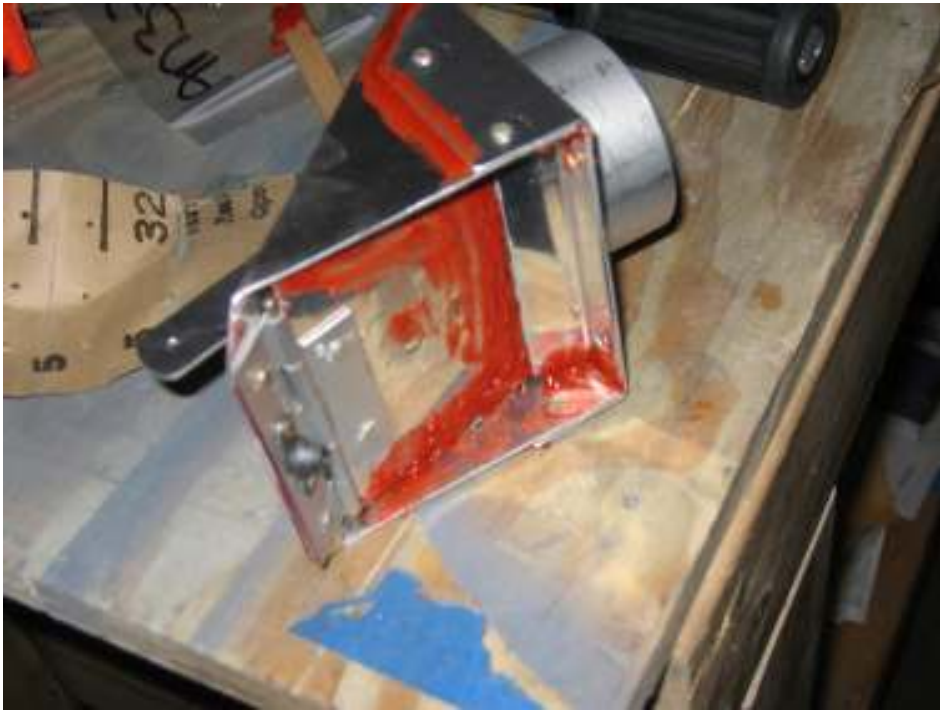
7/16/2005, Saturday

Finish main gear leg fairings, trim trailing edge, still need to sand the edges  
Install the last long bolt for the wing autopilot servo, torque all bolts  
Build cabin heat valve, RTV all gaps and drill fire wall bolt holes



Cut slot on main gear wheel pan and try the right wheel pan  
Total time: 5 hours (494 hrs)

7/17/2005, Sunday



Cabin heat box sealed with high temp RTV





Finish both main gear wheel pans



Total time: 5 hours (499 hrs)

7/18/2005, Monday

Install heated pitot mounting tub  
Connect aux fuel pump to gascolator  
Total time: 5 hours (504 hrs)

7/26/2005, Tuesday

Aluminum tub in wing for heated pitot  
Riveting left bottom wing skin  
Total time: 5 hours (509 hrs)

7/27/2005, Wednesday

Finish left wing skin  
Temp install left wing tip position light (missing mounting screws)  
Install Lift Reserve Indicator in right wing  
Begin riveting left wing skin  
Temp install panels in the cockpit for transportation  
Total time: 9 hours (518 hrs)

7/28/2005, Thursday

Cut the slot on the upper baggage panel  
Finish installing LRI probe in the wing  
Finish riveting right wing skin  
Begin working on the sliding frame  
Total time: 7 hours (525 hrs)

7/31/2005, Sunday

Loading to a 24' U-Haul truck

8/1/2005, Monday

Drive to Greater Portsmouth Regional Airport and keep the project in Hanger 68