
INDEX

Click on a topic link:

CHAPTER 1 - Pre-Installation Notes

1. [How Long?](#)
2. [Ordering your Powerplant and Options](#)
3. [Ordering the RV Finishing Kit](#)
4. [Things to think about before your powerplant arrives.](#)
 - [A place to store the motor?](#)
 - [A hoist and sling?](#)
 - [Room to Move?](#)
 - [Assistance?](#)
 - [Safety!](#)
 - [Batteries?](#)
 - [Plumbing & Primary Wiring?](#)
 - [Fuel System Preparation?](#)
 - [Cabin Heater Preparation?](#)
 - [Firewall Preparation?](#)

CHAPTER 2 - AIRFRAME FUEL SYSTEM INSTALLATION

5. [Tank & Cabin Fuel System Installation](#)

CHAPTER 3 - LANDING GEAR & ENGINE MOUNT PREPARATION

6. [Nose Gear Leg Preparation](#)
7. [Standing on your own three feet.](#)
8. [Inspection Checklist - I - Pre-Installation](#)

CHAPTER 4 - POWERPLANT INSTALLATION

9. [The big crate arrives.](#)
10. [Hoisting the motor](#)
11. [Nose Gear Leg and Wheel](#)
12. [Motor Mounts](#)
13. [Inspection Checklist - II - Powerplant Familiarization](#)

CHAPTER 5 - FLUID SYSTEMS INSTALLATION

14. Fuel Pump, Gascolator, and Fuel Lines
15. Throttle Cable
16. Swirl Pot
17. Heater Hose and Control Valve
18. Crankcase Breather
19. Inspection Checklist - III - Fluid Systems

CHAPTER 6 - ELECTRICAL SYSTEMS INSTALLATION

20. Chapter Introduction
21. ECM Mounting
22. Battery Box Construction
23. AUX Boost Relay Mounting
24. Ground Plate
25. Circuit Diagrams, Sheets 1 through 7
26. Switches & Circuit Breakers
27. Creating Good Cable Connections
28. Primary System Wiring (Step by Step)
29. Secondary System Wiring (Step by Step)
30. EXPBUS Options & Voltmeters
31. Engine Sensor Wiring & Calibration
32. Propeller Hub Wiring
33. Inspection Checklist - IV - Electrical System Test

CHAPTER 7 - ENGINE COWLING INSTALLATION

34. Prop Disk Jig
35. Lower Cowling
36. Upper Cowling
37. Oil Cooler Scoop
38. Oil Cooler Cutout
39. Cowl Vent 
40. Cowl Flap Mod (optional)

CHAPTER 8 - ENGINE STARTUP

41. Lighting the Fuse!
42. Prop Prep
43. Cowling Prep
44. Fuel Supply
45. Fuel Pump Auto-Failover Function

46. [First Test Run Duration & Location](#)
47. [Pre Test 1 Checklist - Final Exam!](#)
48. [Coolant Check](#)
49. [Lubrication Check](#)
50. [Engine Monitoring](#)
51. [Priming the Pumps](#)
52. [Critical Switch Functions & Sequences](#)
53. [First Test Run](#)
54. [Post Test Run 1 Checks](#)
55. [Calibrating the Auto-Failover Pressure Switch](#)
56. [Second Test Run](#)
57. [Post Second Test Run Checks](#)
58. [Third and Subsequent Test Runs](#)
59. [Before First Flight](#)

MISCELANEOUS STUFF

60. [The UNABRIDGED Master Parts List](#)
 61. [Fun Stuff...Feb-03 Added Muffler Details...](#)
 62. [Using OBD-II \(coming someday\)](#)
 63. [Troubleshooting Flowchart \(coming someday if we ever need it\)](#)
-