

AUSROC II-02

"The Next Generation"

MODIFICATIONS / IMPROVEMENTS

- 1. Use of commercially available aluminium stock for ease of structure manufacture.**
- 2. Enlargement and redesign of Access Hatches and fairing adaptors.**
- 3. Instalment of Check Valves downstream of both tank regulators.**
- 4. Replacement of all Nylon pneumatic hoses with Aluminium or Stainless Steel Tubing.**
- 5. Conduct extensive LOX valve testing programs to determine operational limits.**
- 6. Reduce Propellant Tank Length to decrease the burn time and increase the launch acceleration**
- 7. Redesign the Fins and Fin Attachment Unit to increase both strength and stiffness.**
- 8. Allow for an Automatic Abort Sequence with increased system status feedback from sensors.**
- 9. Prepare more detailed assembly, test and evaluation checklists.**