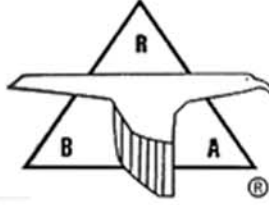


# RAM AIR FOR VERTICAL SUMPS



***Solution to costly air induction and forward facing sumps***

**DESIGNED FOR THE  
RV-6, RV-7, RV-8, RV-9, RV-10 and others.**

## **Goal #1**

**COST REDUCTION.** With cold air induction costing up to \$5,000 a more affordable system was the primary goal. A low profile cowl design using the vertical sump is now available and provides many similar benefits at a fraction of the cost.  
***1/3 the COST OF A COLD AIR SUMP!***

## **Goal #2**

**EASE OF INSTALLATION.** Design a system that can be retrofitted to existing aircraft and new aircraft under construction. This complete kit includes the Ram Air, Filtered Alternate Air, Fiberglass cowl modification and all hardware.  
***SAVES WEEKS OF HARD WORK.***

## **Goal #3**

**PERFORMANCE.** Induction air is improved by reducing pressure losses caused by restrictions, tubing bends and filtered air systems. The ram air system concentrates on these pressure losses and enhances pressure recovery by placing the outside air source close to the propeller. The supercharged pressure increase is further enhanced by the forward speed of the aircraft.  
***FIELD TESTS REPORT INCREASED MANIFOLD PRESSURE AND AIR SPEED.***



**FM-200**



**RV-6**

**Visit my web site - [www.ramairforhomebuilts.com](http://www.ramairforhomebuilts.com) for pricing**