

# ROBINSON HIGH SCHOOL (RHS) RV-9A PROJECT SCOPE

1 June 2020; by Jeff Kaloostian

- Abbreviations of agencies involved in the project:
  - Hillsborough County Aviation Authority (HCAA)
  - School District of Hillsborough County (SDHC)
  - T.R. Robinson High School (RHS)/MacDill Aeronautical Academy (MAA)
  - EAA Chapter 175 (175)

## OVERVIEW

### 1. Project Background and Description



*Project involves finishing building the RHS/MAA RV-9A with cooperation between 175 members and RHS students to static display completion.*

*RHS gained a full RV-9A kit in 2003 at the beginning of its new MAA magnet program. Building occurred during years 2003 to about 2014 when all the larger parts were complete and stored. No more monies or space were available to build. This project would include moving all the RV-9A parts and some RHS building tools (as necessary) from RHS to the 175 workroom and finish building the airplane to a permanent static display capability with the help of RHS aerospace students, 175 members and HCAA support.*


### 2. Project Scope



- *Agreement to be established between SDHC, RHS, 175, and HCAA to cooperate on finishing building the school's RV-9A*
- *Workroom to be gained for use by 175 at its Tampa Executive Airport location.*
- *RV parts and applicable tools moved from RHS to 175 workroom (when available)*
- *Agreements set up on project oversight, safety and work schedule for 175 members and RHS students*
  - *Students would work on a voluntary basis on weekends or other non-school days with parental permission with EAA personnel OVERSIGHT*

	- <i>Costs shared by SDHC, HCAA and 175 upon agreement (RHS teacher has limited access to curriculum funds – other than donations)</i>
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### 3. High-Level Requirements

	<i>Cooperation between HCAA, SDHC, RHS, and 175</i>
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- The finished RV-9A (static display) would be completed to look realistic
  - The static display will include:
  - Canopy that is sealed closed with non-working instruments
  - Non-working engine with propeller (equipped to last in FL environment)
  - Advertising wrap with Robinson HS, EAA Chapter 175, SDHC, and HCAA names
  - Colored in school colors of black, gray, white and silver and delivered to the school for mounting
    - Mounting costs would likely be the responsibility of SDHC

### 4. High-Level Timeline/Schedule

	<ul style="list-style-type: none"> <li>• <i>Coordination for guidelines and agreement for work finished between SDHC, RHS, 175 and HCAA during summer 2020</i></li> <li>• <i>Airplane parts and tools transferred from RHS to 175 in fall 2020 (~Sep)</i></li> <li>• <i>Work begins after transfer and continues both during weekdays and weekends with students (when available &amp; upon agreement) until complete</i></li> </ul>
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### APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Date
Mr. Robert Bhoolai	Principal, T.R. Robinson HS	
Mr. Jeff Hughes	Aerospace Technology Instructor, RHS	
Mr. Jeff Kaloostian	Past Aerospace Technology Instructor, RHS	
Mr. Chris Jargo		

### RHS/MAA RV-9A PROJECT PICTURES



Both wings in storage



Forward fuselage with sticks and rudder pedals



Fuselage in storage (stuff packed around it) – most is riveted toward aft



Aft cockpit baggage bulkhead