

**It is not the time we have, but what we do with the time
we are given.**

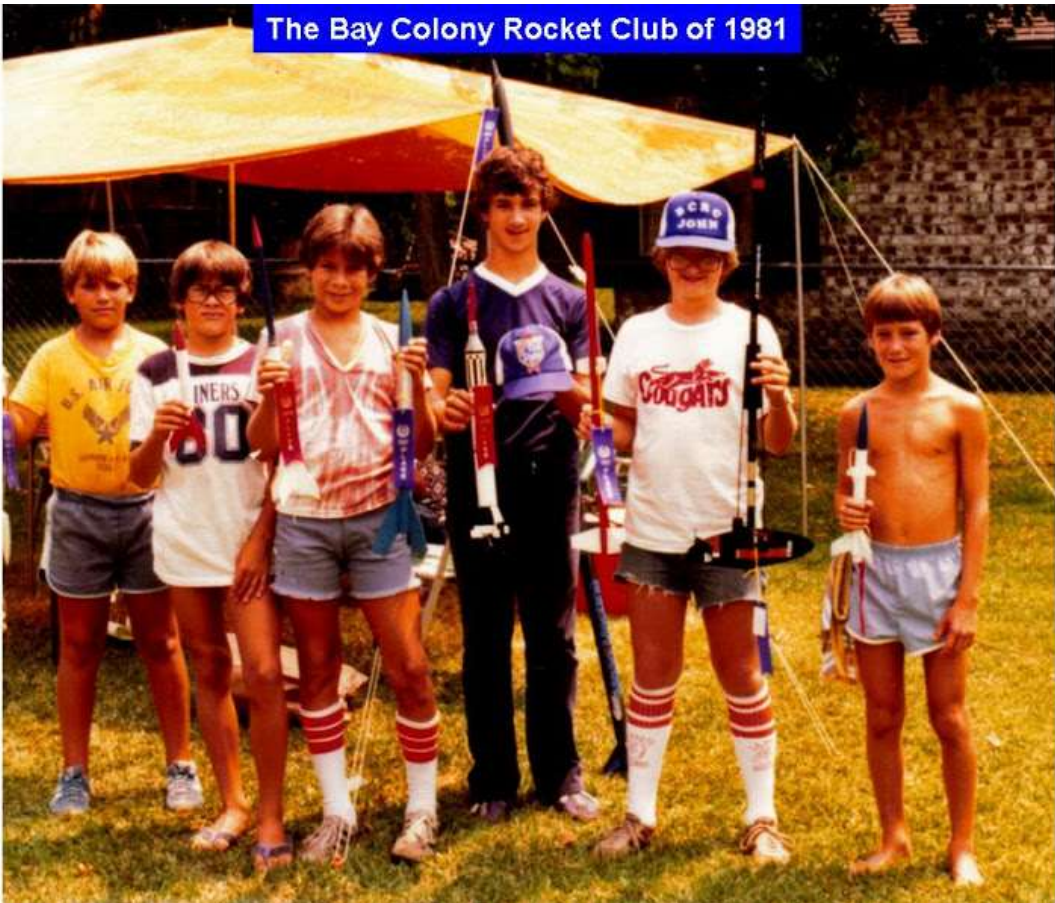
[J.R.R. Tolkien](#)



**This photo was taken at the Johnson Space Center one hour
after the first man stepped on the Moon on July 20, 1969.
That little boy sitting on the Lunar Module is me.**



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Level 1 Certification

Thoy Condor kit H70-4W



Level 1 allows the purchase and use of H and I impulse class motors; solid and hybrid. Certain F and G motors may also require Level 1 certification for purchase and use.

**Level 1 high power certification
(160.01 to 640.00 Newton-seconds impulse)**

- 1. The individual attempting certification must complete a NAR High Power Certification Application prior to his certification attempt.**
- 2. The individual will fly his model. The flight must be witnessed by the certification team members.**

LEVEL 1 HPR CERTIFICATION

- 1. The individual attempting certification must complete a NAR High Power Certification Application prior to his certification attempt.**
- 2. The individual will fly his model. The flight must be witnessed by the certification team members.**
- 3. The model must be returned to the certification team after flight. and be inspected to verify engine retention and for evidence of flight-induced damage. The certification team will initial the blocks indicating that a safe flight was made and that the post-flight inspection was satisfactory.**
- 4. The certification team will sign the certification sheet to indicate that the certification attempt was successfully completed. Both the certification sheet and the certification card must be signed. The certification card and the certification sheet are normally returned to the certifying individual after the flight.**
- 5. The certification sheets are returned to NAR Headquarters. No fees are required. The certification sheet must be returned by the certified individual or the event sponsors to NAR Headquarters to allow updating the NAR database. A new NAR membership card will be issued showing the certification level upon receipt of the certification paperwork.**



Level 2 Certification J90-M

1. 18 years of age
2. Active NAR membership in good standing
3. Pass a test involving 37 questions with at least an 88% passing grade (missing no more than 5) test pool link:
<http://www.nar.org/wp-content/uploads/2014/08/HP-question-pool.pdf>
4. Test may be taken only once in a 30-day period.
5. The test must be completed prior to flight attempt.
6. The flight must be witnessed by the certification team members.

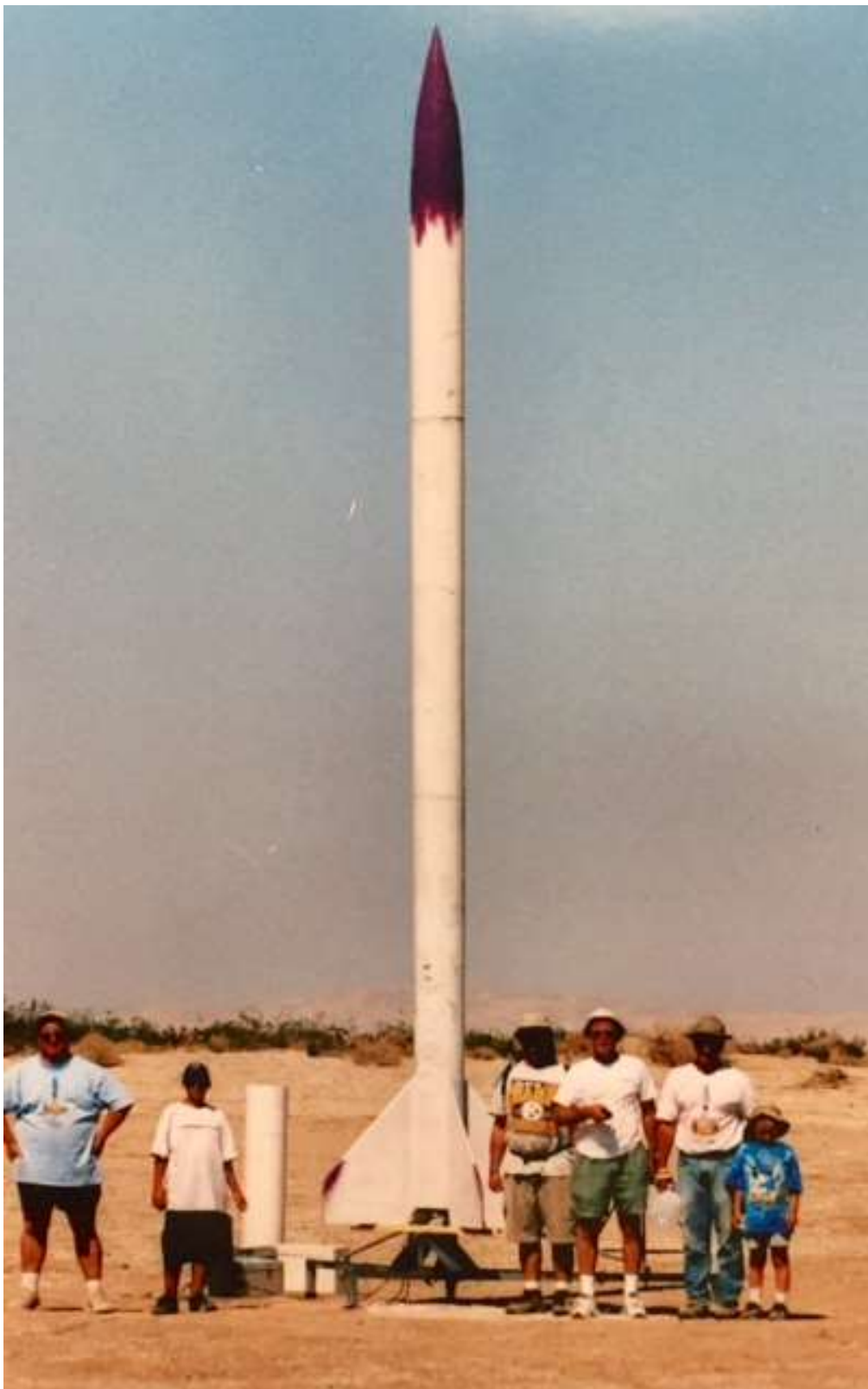
Level 3 Certification M1419 W



- **Already level 2 certified**
- **The rocket must be built from scratch by the flyer**
- **The certification rocket must be substantially built by the certifying flyer. "Substantially built" will be defined, as a minimum, as:**
 - **a) Fabrication of the engine mount with centering rings (if applicable)**
 - **b) Alignment and mounting of the individual fins (prefabricated fin canisters are specifically disallowed)**
 - **c) Installation of attachment points for the recovery system**
 - **d) Mounting and installation of airframe electronics**
 - **e) Final flight preparations including pyrotechnics installation, recovery system**
- **packing, motor assembly (as required) and motor installation**
- **Only the builder of the rocket may use that rocket for a certification attempt.**



<https://www.youtube.com/watch?v=Nahu9h1fitc>



**After 9 month deployment to Iraq. The BFR was re-painted
And then lofted up into the are on eleven (11) 38mm CTI
Reloadable motors.**



**After this launch
The rocket parts
were donated
to a local
Senior High
school in
support of one
of their
projects.**



I want to mentor and continue to help educate and support other rocket enthusiasts to enjoy this hobby in a safe and positive way.

Safety is always paramount and with safety you can learn and thrive in this hobby and elsewhere.

