



Level 1 Certification

South Jersey Area Rocketry Society
NAR Section #593

Level 1 high power certification is both fun and rewarding, and with SoJARS it has never been easier. This document outlines the steps required to pursue your Level 1 certification with the SoJARS club.

L1 Certification Steps:

1. Be at least 18 years of age. (Junior Level 1 certifications are available for those under 18 years of age - see NAR website for more information on this)
2. Join SoJARS. To perform your level 1 certification launch with the club, one must be a SoJARS member.
3. Join either the National Association of Rocketry (NAR) or Tripoli Rocketry Association (TRA). One must be a member of either one of these organizations to become high power certified.
4. Decide which rocket kit (or scratch built design) you will be building as well as which motor you will be flying your rocket on for your certification flight. Talk with a club member if you have questions or need advice in this area. Kits by LOC Precision and Public Missiles are perfect candidates for a L1 certification. Motors shall be limited to H impulse for the Crosskeys field we use for SoJARS launches.
5. Once you are ready for your flight, you will need to have a motor purchased. Although one can purchase a motor for their certification flight without being certified, one does need a BATFE Low Explosives Users Permit (LEUP) to purchase the motor. There are several individuals within the club which can help in this area. For additional information, contact either Jack Komorowski or Daniel McCauley.
6. Speak with a certified member of the SoJARS club to arrange a certification attempt. You will need to have your flight witnesses and signed off by a high power certified member. Again, either Jack Komorowski or Daniel McCauley can help in this area.
7. For the day of the flight, simply meet at the field, have your rocket inspected, build your motor in the presence of a certified member, and have a great flight!

Crosskeys Field Flight Requirements: Due to FAR 101 Requirements, your rocket must weigh less than 3.3 lbs (with motor) and use a motor no larger than H impulse class. Also, the altitude waiver for Crosskeys Field, where most of the certification attempts occur, is 3000 feet.