

# NAR Safety Grant Program

## 2010 Round #2

**Purpose:** The NAR wants to encourage Sections to promote and use safe practices at launches. Many Sections have indicated the need for basic safety equipment for activities such as fire suppression, crowd control, enhancing safe launch conditions, and increasing public awareness of potential dangers. The NAR desires to continue its popular and successful safety grant program to help its sections purchase these much-needed pieces of safety equipment. The following outlines the program details.

**How Do We Apply?** The NAR Safety Committee will solicit grant applications from active NAR Sections from September 1, 2010 to October 15, 2010. Sections that received a grant under this program in 2009 or in the first round of grants in 2010 may reapply for this round, but sections that have never previously received a grant will have first priority. After these, second-time grants will be awarded on a first-come, first-served basis in the order received by the Safety Committee. All grant applications must be received by the NAR Safety Committee by 10:00 PM October 15, 2010 and none will be accepted prior to September 1. Grant applications may be sent via email to:

or by regular mail: [narsafety@nar.org](mailto:narsafety@nar.org)  
Andy Eng  
18511 Egret Bay Blvd #202  
Webster, Texas 77058

All grant applications must contain the following information:

1. Name of NAR Section
2. Section number
3. Name of Section Officer Certifying Grant Application
4. Contact information of Section Officer (including evening phone number)
5. Brief description of the safety problem you are trying to solve
6. Describe any matching resources your section can provide (funds, building sessions for assembling equipment, components of a safety system)
7. Describe the funding requested; please provide detailed description of any equipment to be purchased (copies of catalog pricing, quotes, cost estimates)

### **Further Information**

**What is the grant limit per section and is this one-time or per year?** <sup>i</sup> - The program will award NAR Safety Grants to chartered NAR Sections with a maximum value of \$250 per grant. Grant requests do not have to be the maximum value. Grant requests are required to be for specific equipment. There will be only one grant per Section on a first-come-first-served basis (all first-time grants in the order received by October 15, then any second-time grants in the order received). All equipment becomes the property of the Section and there are no return requirements.







**What is the limit on the number or dollar value of grants that can be awarded?** <sup>ii</sup> - The NAR Safety Program has \$4,000 to award for this round of grants.

**Do sections buy the stuff first then get reimbursed or do they get a grant and then (we hope) go buy the stuff?** <sup>iii</sup> - Sections are free to purchase equipment in advance or wait until they receive the grant funds from the NAR Safety Committee. The Safety Committee will award the funds to the recipients by November 1, 2010.

**Must the purchases be things on a specified list that includes the source from which they must be bought, or is there more flexibility in the types and source of purchases?** <sup>iv</sup> - Sections are free to submit grant applications for any types of safety equipment. The NAR Safety Committee solicited input from Sections and has a list of equipment suggested by Sections as useful or desirable. Grantees are encouraged to purchase equipment from vendors on the NAR equipment list, but not required. If you can find it or make it cheaper, go for it.

**Who administers this whole thing and in the end who writes the grant checks from the NAR -- and how does the paperwork flow that leads to a check being written?** <sup>v</sup> - Administration of this grant program is by the NAR Safety Committee and Section Activities Chair or their designated agents under the authority of the NAR Board of Trustees.

**Present Safety Grant Items, Candidate List**  
**(additional candidates may be forwarded to narsafety@nar.org)**

<h2>Fire Prevention / Fire Fighting</h2> <p style="text-align: center;"> <a href="http://www.nationalfirefighter.com">www.nationalfirefighter.com</a>  <a href="http://www.benmeadows.com">www.benmeadows.com</a> </p>	
	<p>Fire swatters (\$50 ea)</p> <p>Fire Flappers work great for smothering flames and pushing the fire back on to itself.</p> <p><a href="http://www.benmeadows.com/search/Fire+fighting+Tools/12338/">http://www.benmeadows.com/search/Fire+fighting+Tools/12338/</a></p>
	<p>Fire swatters (DIY)</p> <p>“Fire Flappers work great for smothering flames and pushing the fire back on to itself. They are nothing more than big truck tire mud flaps attached to hefty broom sticks.”</p>
	<p>Fire rake (\$42)</p> <p>Steel tined yard rakes work nicely too. Simply attack the fire from the edges - never upwind - and rake the sparks and debris back into the charred area.</p> <p><a href="http://www.benmeadows.com/search/Fire+fighting+Tools/21895/139620/?isredirect=true">http://www.benmeadows.com/search/Fire+fighting+Tools/21895/139620/?isredirect=true</a></p>
	<p>Fire Tarps _nomex blankets if we can find an inexpensive source</p>
	<p>Water cans (i.e. Indian Pump, backpacks, pressurized)</p> <p>The only really useful fire extinguisher for a typical grass fire (short of a fire truck) is the "Indian Pump" also called a Smokechaser. It's a 5 gallon water backpack, with a brass piston pump.</p> <p>The "Smokechaser" costs about \$138.</p> <p><a href="http://www.nationalfirefighter.com/product_info.php?products_id=1254">http://www.nationalfirefighter.com/product_info.php?products_id=1254</a></p>
	<p>Pressurized-water fire extinguisher</p> <p>They are easily recharged at a gas station or your own air compressor so you can afford to use them liberally. They don't work too well in cold weather, of course (like our launch yesterday) so then you are reduced to using them as heavy fire clubs, since the water inside is a frozen ice block!</p> <p>About \$42 - 125</p> <p><a href="http://www.forestry-suppliers.com/product_pages/View_Catalog_Page.asp?mi=1520">http://www.forestry-suppliers.com/product_pages/View_Catalog_Page.asp?mi=1520</a></p>
	<p>Pressurized water sprayer. 2.5 gallons. Delivers about 2.5 gallons per minute (gpm). \$100.</p> <p>Electric water sprayer. 12 volt. Can be stationary, mounted to ATV, in a wagon or in a truck. Delivers 3-5 gpm. Multiple options exist for water storage. The simplest is a 32 gallon, plastic garbage can. A tank with a cap is needed for an ATV. Sprays 15'-20'. With a 25' hose you can cover a 40' radius. About \$150 - \$200 plus a 12v power source.</p> <p>Dean</p>

## Trajectory Management



Launch angle measuring gadgets aka inclinometers, clinometers, levels)  
Home Depot / Lowes / Ace / etc... (\$10-48)

<http://www.nextag.com/Carpenters-PAL-21519-Pitch-615969641/prices.html?nextg=6c500a1c0530-CF4D81CCB0E1CA0E>



Windssocks (\$0 – 50 or DIY)

<http://www.winddirection.com/>

## First Aid Kit



First Aid kit (\$35 – 180)

## Spectator / Crowd Management



Air horns (\$23)

Excellent device for alerting people to "heads up". However, those that work on a compressed gas principle (fake Freon, whatever is used for this now) like boating foghorns, don't work in cold weather. So we have one battery-powered electronic noisemaker for use in cold weather. It isn't as loud, but the gas ones just go silent below about 50 degrees.

[http://www.cabelas.com/cabelas/en/templates/links/link.jsp;jsessionid=O4VII4YQNVY43LAQBBJCCNNMCAEFGIWE?id=0037806018252a&type=product&cmCat=froogle&cm\\_ven=data\\_feed&cm\\_cat=froogle&cm\\_pla=0240101&cm\\_it e=0037806018252a&\\_requestid=121137](http://www.cabelas.com/cabelas/en/templates/links/link.jsp;jsessionid=O4VII4YQNVY43LAQBBJCCNNMCAEFGIWE?id=0037806018252a&type=product&cmCat=froogle&cm_ven=data_feed&cm_cat=froogle&cm_pla=0240101&cm_it e=0037806018252a&_requestid=121137)



Megaphone (\$50 - 200)

<http://www.audiolinks.com/Megaphones.shtml?gclid=CITgnceppZcCFQplHgodliOoJA>



PA system (i.e. Radio Shack 32-2054 with two 40-1440 horns) (\$100 + \$50)

<http://www.radioshack.com/product/index.jsp?productId=2103829>



Barrier Stakes (\$77/dozen)

<http://www.labsafety.com/store/Signs - Labels - Tapes/Traffic Control/Barricades - Crowd Control/56205/130137/>



Signs (Price varies)