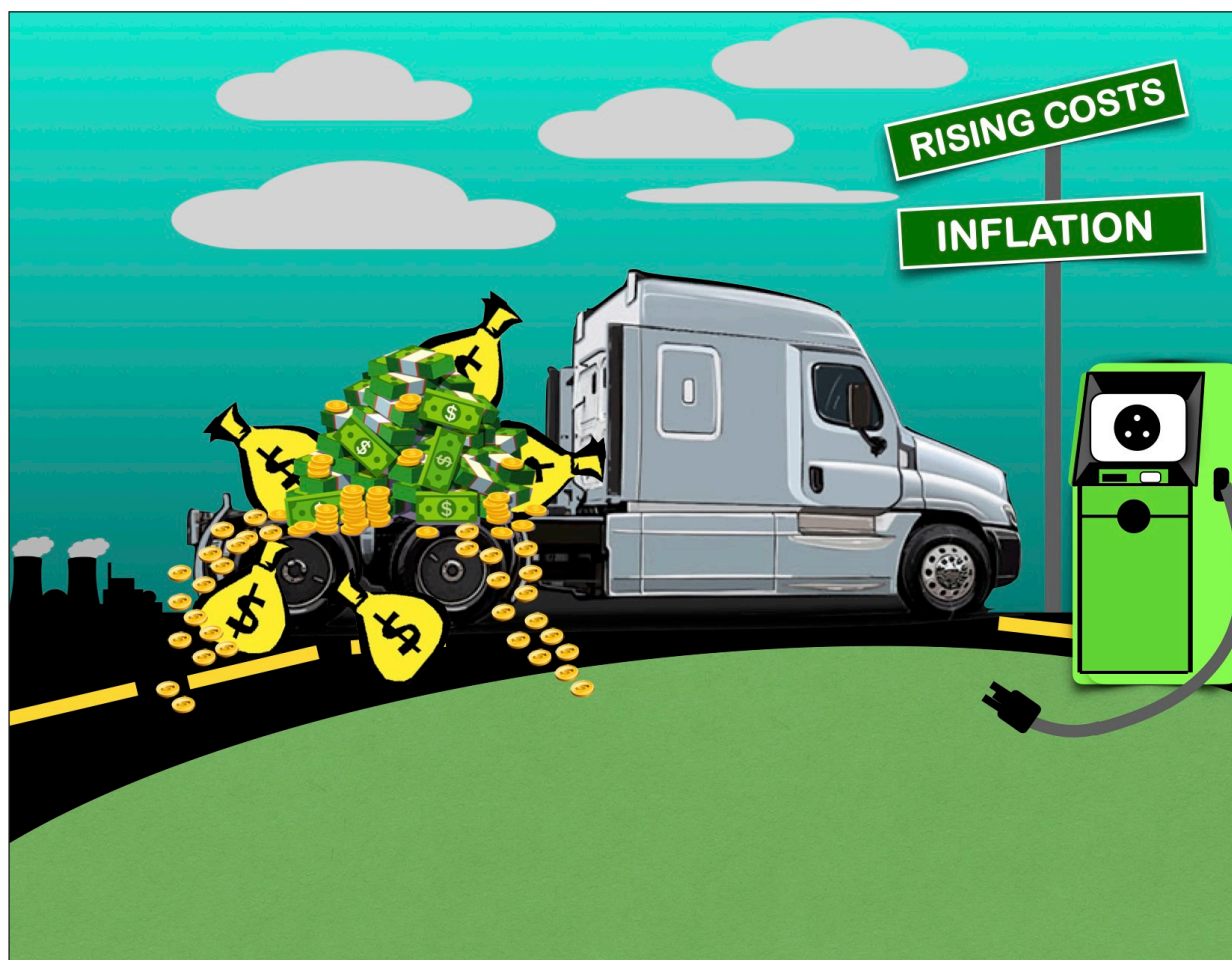


NABO NOW

See Page 11 for
NABO Grant
Information!

Rising Cost of Energy



Petroleum, natural gas, and coal account for approximately 84% of all energy consumed in the US. Nuclear and Renewable account for roughly 16%.

With the current restrictions being placed on petroleum, coal, and natural gas production, the cost of energy is increasing.

Increased energy prices translate to higher costs for not only manufacturing but commercial based business, and ultimately, the added expense is passed to the consumer.

Transportation and Industry account for over 70% of energy consumption in the US.

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The remaining consumption is attributed to residential, commercial and energy loss.

Moving forward the emphasis will have to be on Nuclear as it appears to be the only real alternative. Wind, solar, and other sources of renewable energy have limited capability. Currently there are 54 nuclear power plants in the US with only one plant coming online since the early 90s. There are nine new plants proposed and only six of those have been approved.

However, this will not be a resolution for the transportation industry.

Over the road transportation would suffer a severe handicap should they be forced to move to electric powered transport trucks. The increased size and weight to accommodate the batteries would limit the cargo capacity and distance the trucks could travel.

The increase vehicle weight could require some infrastructure reconstruction

of existing bridges and overpasses to support the added vehicle weight. This will add up to increased debt, manufacturing, and consumer costs as well as contribute to more environmental waste.

The challenge to reduce energy costs while maintaining the desired level of service is a difficult one.

Planning and conservation are key factors, along with reducing waste, updating non-efficient equipment where practical, reducing power output to non-essential appliances, equipment, and spaces, would all help to alleviate a drain on the current grid.

Maximizing efficiency by utilizing solid operating and maintenance procedures, as well as policies which involve trained personnel and a solid communication chain to report potential problems, could also resolve many of the issues we see today in energy consumption and waste.

Manufactured Pressure Vessels

Individual pressure vessel requirements vary considerably from state to state as does the design for its intended end use.

For instance, a pressure vessel to be placed in service in Michigan may require additional design input than a pressure vessel placed in service in Louisiana.

It is important that customers understand the requirements for the design, registration,

and operation of a pressure vessel where it is to be placed in service.

Specific requirements that include state and local regulations as well as the environmental such as low temperature operation conditions must all be considered.

The State Boiler Pressure Vessel Bureau and your local inspector can assist you with these requirements.

Recall Notices

We do not claim to list all recall notices but highlight the ones we believe to be most pertinent to our members. To view all recalls, visit the Local, State, Federal, and Manufacturing websites.

Best Lighting Products Recalls High Bay LED Light Fixtures Due to Fire Hazard



Hazard: Plastic pins securing the LED board can degrade, allowing the energized LED board to come loose and contact the lens or combustible materials, posing a fire hazard.

Remedy: Consumers should immediately inspect the fixture for any sign of pin degradation, a loose LED board, or discoloration of the lens. Consumers should immediately stop using light fixtures that show any sign of a loose LED board or

discoloration of the lens, and turn the circuit off. Customers can contact BLP for more information, and register online

at www.highbayrecall.net to schedule a free inspection and on-site repair to replace the plastic pins with metal pins.

Units: About 710,600 (In addition, about 19,100 were sold in Canada)

Consumer Contact:

Website: <http://www.highbayrecall.net>

Daikin Comfort Technologies Manufacturing Recalls Daikin FIT, Amana Brand S-series, and Goodman SD Heat Pumps Due to Risk of Excessive Heat Exposure



Hazard: A power interruption in the heat pump can result in the product providing heat when the power resumes, despite the thermostat being in

cooling mode, posing a risk of excessive heat exposure to consumers.

Remedy: Daikin Comfort Technologies (DCT) is updating the software remotely for consumers whose Daikin FIT, Amana Brand S-series, and Goodman SD heating and cooling systems are connected to WiFi.

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Consumers with systems not connected to WiFi should register for the recall at <http://www.goodmanmfg.com/fit-recall> to receive instructions to perform the update.

Units: About 56,000 (In addition, about 5,522 were sold in Canada)

Consumer Contact:

Website: <https://www.goodmanmfg.com/fit-recall>

Phone: (855) 545-0235

Daikin Comfort Technologies Manufacturing Recalls Amana, Daikin, Goodman-Branded Air Conditioning and Heat Pump Packaged Units



Hazard: The units serial plate can have incorrect electrical ratings which can lead

to incorrect wirings being used, posing a fire hazard.

Remedy: Consumers should not attempt to open the outside electrical panel of the recalled air conditioning and heat pump units, and immediately contact Daikin Comfort Technologies Manufacturing L.P. (DCT) for a free repair and inspection. DCT is contacting all known purchasers directly.

Units: About 12,100

Consumer Contact:

Website: <http://www.goodmanmfg.com/package-recall>

Phone: (833) 324-5460

DR Power Equipment Recalls Leaf Blowers and Leaf Vacuums Due to Laceration Hazard



Hazard: Pieces from the recalled leaf blowers and vacuums can come loose inside the unit and be ejected, posing a laceration hazard to users and bystanders.

Remedy: Consumers should immediately stop using the recalled leaf blowers and vacuums, and contact DR Power for a free dealer-installed repair.

Units: About 57,200 (In addition, about 956 were sold in Canada)

Consumer Contact:

Website: <https://drpower.com/recalls>

E-mail: recall@drpower.com

Phone: (877) 221-4038

ECHO Recalls Gas-Powered Backpack Blowers Due to Fire Hazard



Hazard: The fuel supply line can leak gas, posing a fire hazard.

Remedy: Consumers should immediately stop using the recalled blowers, and contact an authorized ECHO dealer (www.echo-usa.com/store-locator) to schedule an appointment to bring the ECHO gas-powered backpack blower in for free installation of a new replacement fuel line. ECHO is contacting all known purchasers directly.

Units: About 3,900

Consumer Contact:

Website: <http://www.echo-usa.com/customer-support>

Phone: (800) 432-3246

American Honda Motor Expands Recall of Lawnmowers and Pressure Washer Engines to include Lawnmower Replacement Engines Due to Injury Hazard

Additional Units/Injuries Reported



Hazard: The improperly manufactured camshafts in the engines can cause the starter rope to suddenly retract when pulling to start, posing an injury hazard.

Remedy: Consumers should immediately stop using the recalled lawnmowers and recalled pressure washers equipped with the recalled general-purpose engines, and contact an authorized Honda Power Equipment dealer to schedule an appointment for a free inspection and repair.

Units: About 200 additional lawnmower replacement engines (About 391,800 Lawnmowers and Pressure Washers Engines were previously recalled in September 2023)

Consumer Contact:

Website: <https://crms honda.my.salesforce-sites.com/service/pew2c>

Phone: (888) 888-3139

Kawasaki USA Recalls Mule PRO 1000 Off-Highway Utility Vehicles Due to Fire Hazard



Hazard: When starting the engine, improper combustion can occur, posing a fire hazard.

Remedy: Consumers should immediately stop using the recalled utility vehicles and contact a Kawasaki dealer to schedule a free repair. A technician will reprogram the ECU and install a sub-harness on the vehicle. Kawasaki is contacting all known

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purchasers directly.

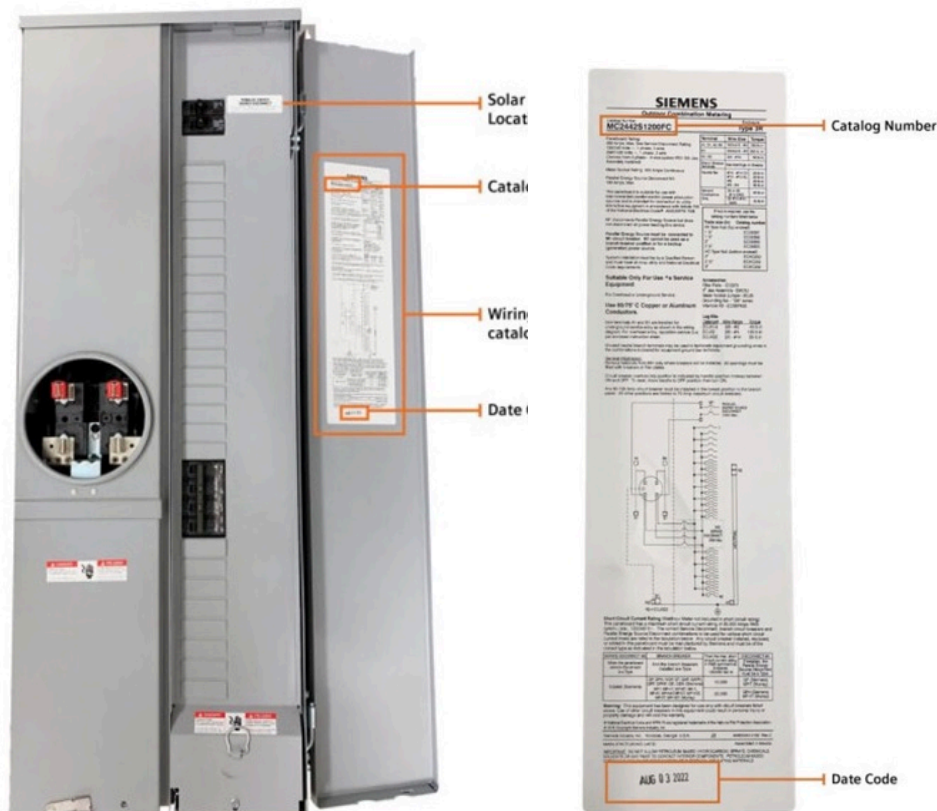
Units: About 19,100

Consumer Contact:

Website: <http://www.kawasaki.com/en-us/owner-center/recalls>

Phone: (866) 802-9381

Siemens Industry Recalls SolarReady™ Meter Combos Due to Fire Hazard



Remedy: Contact Siemens to determine if your SolarReady Meter Combo is included in this recall. Siemens will arrange for an on-site inspection, and repair or replacement of recalled meter combos by a licensed contractor at no cost to the consumer. Siemens is contacting distributors directly.

Units: About 3,910

Consumer Contact:

Website: [https://www.siemens.com/us/en/products/energy/low-voltage/solarready-meter-](https://www.siemens.com/us/en/products/energy/low-voltage/solarready-meter-combo-safety-recall.html)

[combo-safety-recall.html](https://www.siemens.com/us/en/products/energy/low-voltage/solarready-meter-combo-safety-recall.html)

E-mail: psn.industry@siemens.com

Phone: (800) 756-6996

Hazard: An interior connection in the recalled Siemens SolarReady Meter Combos can overheat, posing a fire hazard.

Textron Specialized Vehicles Recalls Prowler Pro and Tracker Utility Vehicles (UTVs) Due to Fire Hazard



Hazard: The fuel tank cap does not fit correctly, causing a fuel leak around the

filler neck, posing a fire hazard.

Remedy: Customers should immediately stop using the recalled utility vehicles, and contact an authorized dealer for a free

inspection and repair. Textron Specialized Vehicles is contacting all known purchasers directly.

Units: About 10,300 (In addition, about 1,000 were sold in Canada)

Consumer Contact:

Website: <https://arcticcat.txtsv.com/owners/recalls>

E-mail: arcticcatwarranty@textron.com

Phone: (800) 279-2281

True Manufacturing Recalls Commercial Refrigerators with Secop Compressors Due to Fire Hazard



Hazard: The recalled commercial refrigerators with Secop Compressors can fail in a manner causing the compressor to overheat, posing a fire hazard.

Remedy: Consumers should immediately stop using commercial refrigerators with Secop compressors with model

number NLE11MN, and contact True Manufacturing for a free repair. The original Secop ePTC starter in the compressor with the

RSCR motor configuration will be replaced with the CSIR motor configuration. Consumers can register their unit for retrofit at www.true-secopcompressor-retrofit.com or www.true-secopcompressor-recall.com, and an on-site service visit by a technician will be scheduled. True Manufacturing is contacting all known purchasers directly.

Units: About 29,200 (In addition, about 50 were sold in Mexico)

Consumer Contact:

Website: <http://www.true-secopcompressor-retrofit.com>

E-mail: info@true-secopcompressor-retrofit.com

Usines Giant Factories Recalls Gas Water Heaters with Emerson Control Valves Due to Risk of Carbon Monoxide Poisoning



Recalled Usines Giant Factories Water Heaters

Name of Product: Usines Giant Factories Gas Water Heaters with Emerson control valves

Hazard: The heater's Emerson control valves can fail to close properly, causing soot to accumulate on the burner, posing a risk of carbon monoxide poisoning to consumers.

Remedy: Repair

Recall Date: November 03, 2021

Units: About 168 (in addition, about 10,832 were sold in Canada)

Consumer Contact: Giant at 800 363-9354 from 8 a.m. to 5 p.m. ET Monday through

Thursday and 8 a.m. to 3 p.m. ET on Friday, or e-mail at recall@giantinc.com, or online at www.giantinc.com then click on "Recall Information" located at the bottom of the page, or click on <https://giantinc.com/en/recall-information>.

Recall Details

In Conjunction With: Canada

Description: The recall involves propane and natural gas water heaters in 40, 50, and 75 gallon capacities. The recalled water heaters are white with a red "Giant" logo decal on the front. The water heaters have a nameplate near the Emerson gas control valve with the following model number ranges.



Recalled Usines Giant Factories Heater product label

UG40-38LFPV2-P1U-US, UG40-40LFPV2-N1U-US, UG50-38LFPV2-P1U-US, UG50-38LFPV2-P2U-US, UG50-38TFPDV1-N2U-US, UG50-40LFPV2-N1U-US, UG50-40LFPV2-

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N2U-US, UG75-76MEPV1-N2U-US,
UG75-76MEPV1-P2U-US.

The control valves are black with a white “Emerson” logo on the front. The Emerson control valve model numbers and date code are located on a label on the right-hand side of the bracket holding the Emerson control valve to the gas water heater. The recalled control valve model numbers are 37H73A-301P1 (natural gas) and 37H74A-301P1 (propane) with a date code between 1821 and 1839.

Remedy: Consumers should immediately contact Usines Giant Factories, who will arrange to have the Emerson control valve replaced by a certified technician, and to

receive a free replacement valve. Consumers who continue to use the water heaters while awaiting repair should have working carbon monoxide alarms outside of sleeping areas and on every level of the home.

Incidents/Injuries: None reported in the United States. Usines Giant Factories has received 20 reports of incidents with the Emerson control valves in Canada, including one report necessitating medical attention due to the release of carbon monoxide.

Sold At: BGM Supply, Utica NY, Central NY Plumbing & Heating Supply, Whitesboro, New York and Maryland Pipe & Supply Company, Hancock, Maryland from June 2018 through July 2020 for between \$840 and \$2,100.

Manufacturer(s):

Control Valves: White-Rodgers, a division of Emerson Electric Co., Saint Louis, Missouri. Gas Water Heaters: Usines Giant Factories Inc., of Canada.

Manufactured In: Heater (Canada); Valve (Mexico).

Recall number: 22-016

Fast Track Recall

Note: Individual Commissioners may have statements related to this topic. Please visit www.cpsc.gov/commissioners to search for statements related to this or other topics.

Got an important message for your fellow NABO members? Have an announcement that you'd like to share? Send your submissions for the NABO NOW! newsletter to James.Marsh@tuvsud.com



www.nabomembers.com

NABO GRANT PROGRAM

THE PROGRAM

The National Association of Boiler Owners and Operators ("NABO") has established a Grant program to provide for and encourage eligible individuals to continue their education to pass the National Board Examination for boiler and pressure vessel inspectors and to become a National Board Commissioned Inspector.

This Grant program is administered by NABO. All awards are granted without regard to race, color, creed, religion, sexual orientation, gender, disability or national origin.

ELIGIBILITY

Applicants to the NABO Grant Program must be either:

- Children of individuals employed by or affiliated with ARISE Boiler Inspection and Insurance Company Risk Retention Group policyholder companies ("ABIIC");
- Individuals who want to become commissioned boiler inspectors;
- Veterans of the United States Military Services; or
- Individuals with HVAC or Code or Non-Code boiler and pressure vessel manufacturing shop experience as a Welder or Quality Control.
- Must be a citizen of the United States.

ELIGIBLE EDUCATIONAL INSTITUTIONS

An Eligible Educational Institution is any accredited school that has a curriculum to prepare students to pass the National Board Examination to become a National Board Commissioned Inspector. See current National Board requirements here <http://www.nationalboard.org/Index.aspx?pageID=390&ID=483>

AWARDS

Applications will be reviewed against the program criteria by a selection process determined by NABO. Grant recipients will be selected on a competitive basis. If selected as a Grant Recipient, the student will receive an award in an amount of \$10,000 for tuition, books and related fees. Up to two awards will be granted each year. Applicants can reapply for additional awards each year while continuing their education.

APPLICATION

Interested individuals must complete the Application and submit it to:

NABO Grant Program

c/o ARISE Boiler Inspection & Insurance Co. RRG 7000 S.
Edgerton Road, Suite 100
Brecksville, OH 44141
Email: arise-NABO@tuvsud.com

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Applicants are responsible for gathering and submitting all necessary information. Applications are evaluated on the information supplied; therefore, answer all questions as completely as possible. Incomplete applications will not be evaluated. All information received is considered confidential and is reviewed only by the NABO Grant Program Selection Committee.

SELECTION OF GRANT RECIPIENTS

Grant Recipients are selected on the basis of academic record, demonstrated leadership and participation in school and community activities, honors, work experience, statement of goals and aspirations, and a personal interview, if elected by the NABO Grant Program Selection Committee. Financial need is not considered.

Selection of Grant Recipients is made by the NABO Grant Program Selection Committee. All Applicants agree to accept the decision as final.

Grant Recipients will be notified as soon as possible after receipt of the completed application. Not all applicants to the program will be selected as Grant Recipients. Students may reapply to the program each year they meet eligibility requirements.

PAYMENT OF GRANTS

All awards will be paid directly to the Eligible Educational Institution. Grant Recipients will be responsible for all income taxes due on any awards.

OBLIGATIONS

Grant Recipients must keep at least a "C" average in all courses in order to keep the award. If the recipient's grades fall below a "C" average in his or her courses, the Grant Recipient shall be required to repay the award to NABO. Grant Recipients must submit a transcript of courses taken and grades received to the NABO Grant Program Selection Committee at the end of each grading period.

AMENDMENTS AND TERMINATION OF NABO GRANT PROGRAM

NABO reserves the right to review the conditions and procedures of the NABO Grant Program and to make any changes at any time, including termination of the NABO Grant Program.

ADDITIONAL INFORMATION

Questions regarding the NABO Grant Program should be addressed to: NABO

NABO Grant Program

c/o ARISE Boiler Inspection & Insurance Co. RRG
7000 S. Edgerton Road, Suite 100
Brecksville, OH 44141
Email: arise-NABO@tuvsud.com

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NABO Grant Program Application

I, _____ have read and understand the conditions of the NABO grant Program. I affirm that I plan to pursue a career in boiler and pressure vessel inspection and to sit for the National Board Examination to become a National Board Commissioned Inspector. I give permission to officials of my educational institution to release transcripts of my academic record and other information requested for consideration in the NABO Grant Program. I understand that this application will be available only to qualified people who are pursuing a career in boiler and pressure vessel inspection. I affirm the information contained herein is true and accurate to the best of my knowledge and belief.

Date _____ Signature _____

Legal name in full _____
(Print/Type) Last Name First Name M.I.

Permanent residence _____
Number, Street, and Apartment Number

City State ZIP

Your address at school _____
(if different) Number, Street, and Apartment Number

City State ZIP

Home telephone (____) _____

School telephone (____) _____
(if different)

E-mail address _____

(Check one) I am a ☐ U.S. citizen ☐ U.S. national ☐ Resident alien expecting citizenship by the date of award

Date of birth _____
Month/Day/Year

Name of Educational Institution _____

Current cumulative GPA _____ on a scale of _____

Your undergraduate major(s) _____

Number of college credits earned to date _____ Total number of credits required for graduation _____

Expected date to receive baccalaureate degree _____ Degree you will receive _____

Graduate degree(s) sought _____ Concentration(s) _____

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Name _____

1. List the secondary school from which you graduated, and all higher education institutions attended.

School

Location

Dates Attended

2. List awards, scholarships, or special recognitions you have received.

3. List college and high school activities

4. List work experience

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Name _____

5. Describe the educational program you intend to pursue if you receive a NABO Grant Award.
6. What are your employment goals?
7. What additional personal information do you wish to share with the NABO Grant Program Selection Committee?
8. Describe your military service, leadership and education, including mechanical or engineering-related training and military application of that training.