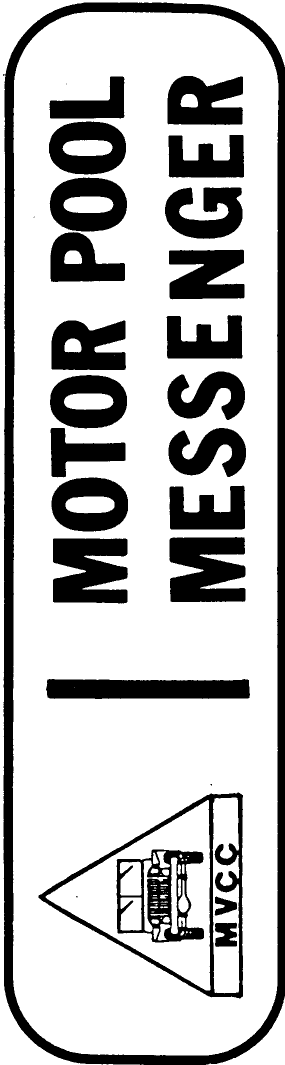


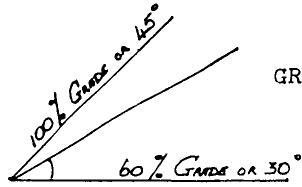
SPECIAL ISSUE ON

# Lowell



MILITARY VEHICLE COLLECTORS CLUB  
Volume 14, Number 5  
Subscription: \$10/year.

NORTH JERSEY CHAPTER INC.  
June 1986  
Editor: Dennis R. Spence



## GRADES AND ANGLES

Lang Kidby.

Many people get the two methods of describing a slope confused, often interchanging the expression percent slope with degrees slope.

Percent slope is calculated by putting the distance climbed over the horizontal distance travelled and multiplying by 100. This is called the grade. Degrees slope is the actual angle of the hill from horizontal. It is safe to say that all the driving on our club runs is done on hills under 60% grade or 31° angle. There comes a time when all vehicles are stopped by a hill either through loss of traction or lack of power.

By coincidence, grade percentage is mathematically equal to the minimum coefficient of friction required to traverse the grade with pure friction (which means no running starts). Those who speak of climbing a grade of 100% (45°) are saying they achieved a coefficient of friction of 1.0 which is impossible to obtain in sand or dirt.

Military vehicle specifications are always given in percentage grade that a vehicle can stop and start again with a normal load on a perfect sealed surface. Some interesting figures arise and it becomes obvious that power (or gearing) are the main factors on a reasonable surface. Two wheel drive vehicles lose out because although they have power in reserve, they cannot put it on the ground.

The following is a list of the official hill climbing figures for some vehicles in our club.

Weasel	100.0% (45°)	High power to weight
Diamond T Wrecker	98.0% (44°)	Low gearing
1/2 ton Dodge 4x4	65.7% (34°)	Good power weight
1 1/2 ton Chev 4x4	65.0% (33°)	Good power weight, low gear
2 1/2 ton GMC 6x6	65.0% (33°)	Low gear
3 ton Blitz 4x4	64.0% (33°)	Low gear
15 cwt. Blitz 4x4	61.0% (31.5°)	Good power weight, low gear
3/4 ton Dodge 4x4	60.0% (31°)	Good power weight
1 1/2 ton Dodge 6x6	60.0% (31°)	Low gear
Jeep	60.0% (31°)	Good power weight
DUKW	60.0% (31°)	Low gear
Bren Carrier	60.0% (31°)	Low gear
Amphibious jeep	45.0% (23°)	Low power weight
Chev 1 1/2 ton 4x2	30.0% (18°)	Low traction

Two interesting vehicles are:-

1. Caterpillar D4 bulldozer 58% (30°) which has a heavy weight for its small engine to push up hills but sufficient power to do its job on the flat.
2. The Sherman tank started at 27% (15°) and never got above 60% (31°) despite increasing power 400% in later models.

The reason for so many vehicles dying at around 60% is that the power required to lift a vehicle up a slope increases drastically at around this angle and only excess power (as in the weasel) or super low gearing (as in the Diamond T Wrecker) will do the job.

So next time you are on a run don't get depressed when one of the heavy vehicles plods past you after your jeep has given up. You, along with Gerry in his Kubelwagen, have the ability to rush short, very sharp slopes that the heavies don't have.

\*\*\*\*\* Source: Command Reconnaissance, (MJC2, Australia, Feb.1986)

☆☆☆☆

# Militaria, Insignia and Edged Weapons Show

SATURDAY  
JUNE 14, 1986  
9:00am to 3:00pm

PAUL VI REGIONAL HIGH SCHOOL  
776 VALLEY ROAD, CLIFTON, NEW JERSEY

" PLEASE NOTE OUR NEW LOCATION "

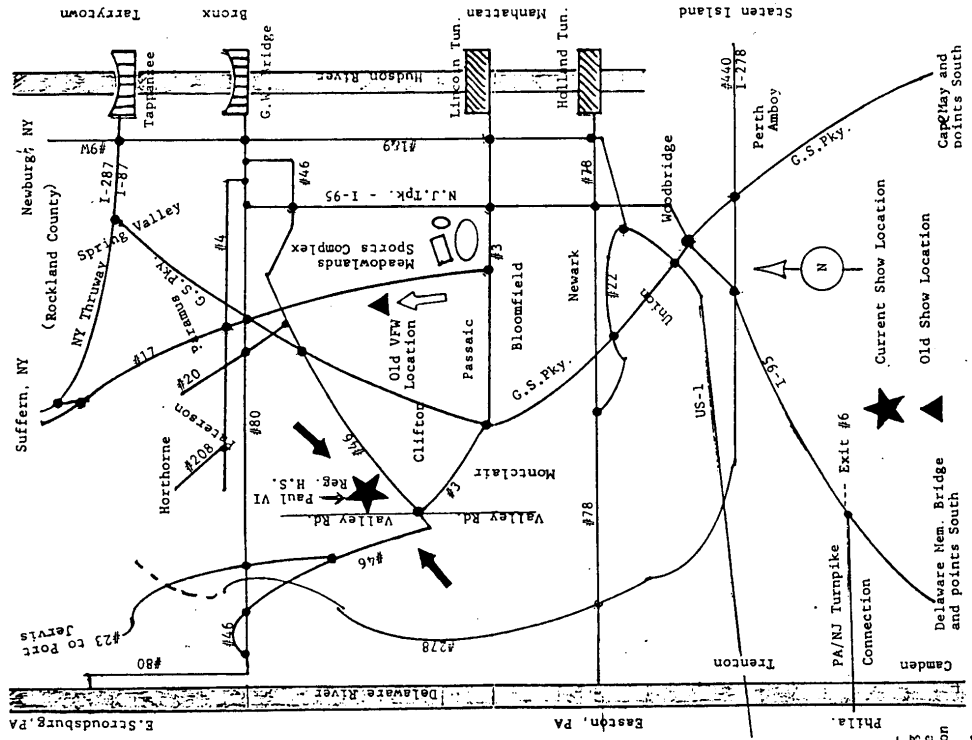


Additional Directions

- (A) From Route #154 West bound: Immediately before it's intersection with h.t. #46, bear right and take Valley Road exit. Make right turn on Valley Rd. for 2/10th. mile to school on right side.
- (B) From Route #46 West bound: Exit on Valley Rd. and proceed as above.
- (C) From N.J. 5 Parkway South bound: Use exit #154 to Route #46 West. Exit on Valley Rd. and proceed as above.
- (D) From N.J. 5 Pkwy. North bound: Use exit #153B to Route #154 West, and proceed as above.
- (E) From Route #46 East bound: (NOTE) Valley Road is not marked from this direction. But, proceed as follows: As you are passing Achonias, and "entering Clifton" signs, stay in right hand lane marked Route #154 West. Do not take first turn marked Paterson/Montclair. Take second right turn marked Paterson and Hospital. As you complete your turn, you will be on Valley Road North. Proceed straight 2/10th. mile to school on right side (if you miss this turn, make U-turn at Grove St. to Route #154 West, and proceed as above).

- \* HELL LIT HALL - ALL FACILITIES - CONVENIENT GROUND FLOOR LOADING/UNLOADING. GOOD OFF & ON STREET PARKING.
- \* FEATURING A SPACIOUS SIT-DOWN CAFETERIA FOR YOUR COMFORT. HOT & COLD FOODS AVAILABLE FOR BREAKFAST & LUNCH.

For additional information call: Bob Curran (201) 939 - 4362



Current Show Location  
Old Show Location  
Delaware Mem. Bridge and points South  
Camden

**"A DAY AT ABERDEEN PROVING GROUNDS"  
Wed.-- JULY 16, 1986**

SPONSORED BY  
**THE CENTRAL VIRGINIA CHAPTER MILITARY VEHICLE COLLECTORS CLUB**

Please join us for an exciting and informative tour of US Army, Aberdeen Proving Ground. The tour will include the US Army Test and Evaluation Command, 519th Military Intelligence Company, US Army Ordnance Center and School, and the US Army Ordnance Museum. We will have the privilege of touring several areas not open to the general public. This will be a day to remember as you travel to the 1986 MCCC International Convention in Lowell, Massachusetts.

**LOCATION**

Aberdeen Proving Ground is located in Aberdeen, Maryland on Interstate 95 between Baltimore, Maryland and Wilmington, Delaware. **DIRECTIONS:** Interstate 95 to Aberdeen Proving Ground exit and follow signs to the installation, 3 miles from 95 exit. Motel accommodation at the Holiday Inn are located next to the exit.

**ACCOMMODATIONS**

A group accommodation has been made at the Holiday Inn Aberdeen 793 West Belair Ave, Aberdeen Maryland 21001, (301) 272-6000, \$40.00 Single, \$42.00 Double, and \$45.00 Triple. Contact the motel directly and state you are with the MCCC. Campground accommodations are available in the area, contact CVMCCC for more details.

**TRANSPORTATION**

**AIR:** Baltimore-Washington International Airport with connecting ground transportation (Bus or Airport Limousine) 23 miles. **RAIL:** AMTRAK Stations located in Baltimore, Maryland and Wilmington, Delaware with limousine service available. Contact CVMCCC for special transportation requirements.

**TOUR ITINERARY**

<u>TIME</u>	<u>EVENT</u>
0800	TECOM (Wheeled and Track Vehicle Testing Procedures and Facilities)
1015	M1 Abrams Tank M2 Bradley Fighting Vehicle
1110	Soviet Vehicle Restoration Operations
1200	Lunch, Aberdeen Officers Club
1300	US Army Ordnance Museum

**ON YOUR WAY TO THE 1986 MCCC CONVENTION.**

Please call or write the Central Virginia Chapter for your tour reservation and additional information.

Central Virginia Chapter MCCC  
1812 Duke of Gloucester  
Colonial Heights, VA 23834  
(804) 520-7690

**Reservation deadlines:**

Accommodations June 16, 1986  
Tour July 3, 1986

**THIS WILL BE AN OPPORTUNITY OF A LIFE TIME, DON'T MISS IT!**

**"A DAY AT ABERDEEN PROVING GROUNDS"  
Tour Reservation Request**

Name \_\_\_\_\_ MCCC # \_\_\_\_\_  
Address \_\_\_\_\_  
Phone# ( ) \_\_\_\_\_  
Number in Party \_\_\_\_\_  
Will attend Luncheon YES \_\_\_\_\_ NO \_\_\_\_\_  
Holiday Inn Accommodations YES \_\_\_\_\_ NO \_\_\_\_\_

PLEASE RETURN TO CENTRAL VIRGINIA CHAPTER MCCC

RJB

N.J.C. Coordinator: Harold Ratzburg, 201-887-2574 evenings

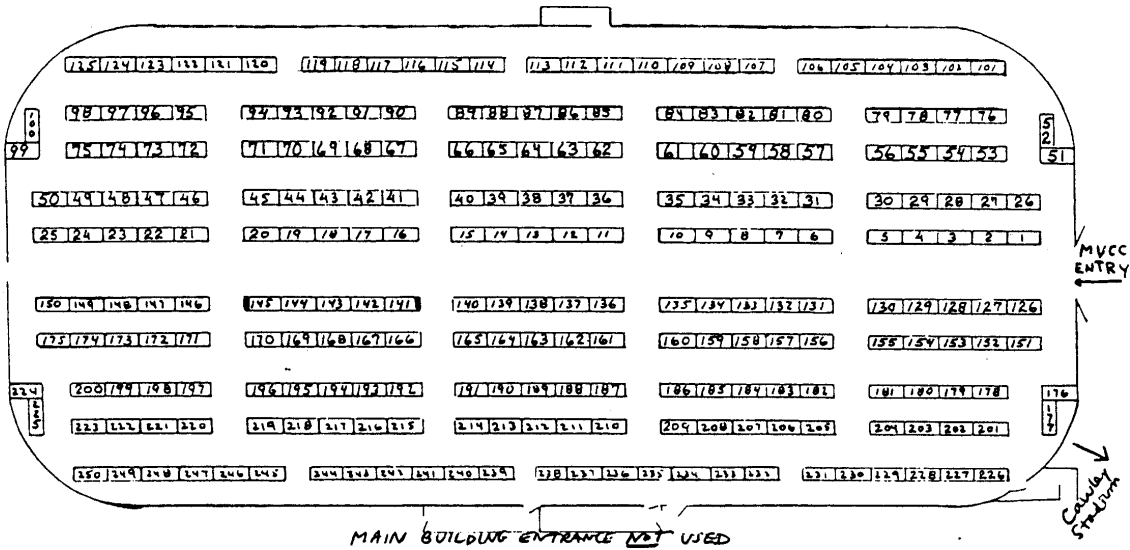
**COUPON  
FOR TOUR ONLY**

**U.S. ARMY ABERDEEN PROVING GROUND**

# INTERNATIONAL CONVENTION

← BEST DAYS →  
 Thu Fri Sat Sun  
**JULY 17-18-19-20, 1986**      **LOWELL, MASS.**

**MYCC FLEA MARKET BUILDING (JANAS MEM. SKATING RINK)**



**Airporter Service for  
Hilton Hotel  
Lowell, Mass.**

To/from Logan Airport,  
Vehicles serve all airlines. Starting  
points are at Eastern airlines (Lower  
Level.) Please allow additional time  
to arrive at US Air, Northwest,  
American, Delta, United, TWA and  
all International Terminal flights  
**WE ARE NOT RESPONSIBLE  
FOR LATE ARRIVALS.**

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worth more than \$250., including  
contents.

**SCHEDULES ARE SUBJECT TO  
CHANGE WITHOUT NOTICE**

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649-6061 · LOWELL · 395-8080 · BOSTON

**Airporter Service for  
Hilton Hotel  
Lowell, Mass.**

Boston. Similar schedule  
to other hotels in  
Lowell, such as Holiday  
Inn(Tewk.), & H.J.



**Hudson bus lines**  
70 UNION ST., MEDFORD, MA 02155  
649-6061 · LOWELL · 395-8080 · BOSTON

**MONDAY THRU FRIDAY**

Hilton Hotel Lowell, MA	DUIS LOGAN	LEAVE LOGAN	Hilton Hotel Lowell, MA	DUIS
5:40	6:35	7:00	8:05	8:05
6:40	7:35	8:00	9:05	9:05
7:40	8:35	9:00	10:05	10:05
8:40	9:35	10:00	11:05	11:05
9:40	10:35	11:00	12:05	12:05
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11:40	12:35	1:00	2:05	2:05
12:40	1:35	2:00	3:05	3:05
1:40	2:35	3:00	4:05	4:05
2:40	3:35	4:00	5:05	5:05

Continuing every 30 minutes  
until 6:40

6:40	7:35	8:00	9:05	9:05
7:40	8:35	9:00	10:05	10:05
8:40	9:35	10:00	11:05	11:05
		11:30	12:35	12:35

**PHONE NUMBERS:**  
649-6061 - Lowell  
395-8080 - Boston  
**FOR HOLIDAY INFORMATION  
CALL: 395-8080**  
RS-RESERVATION STOP

*\$14  
a.w.*

Hilton Hotel Lowell, MA	DUIS LOGAN	LEAVE LOGAN	Hilton Hotel Lowell, MA	DUIS
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**SATURDAY ONLY**

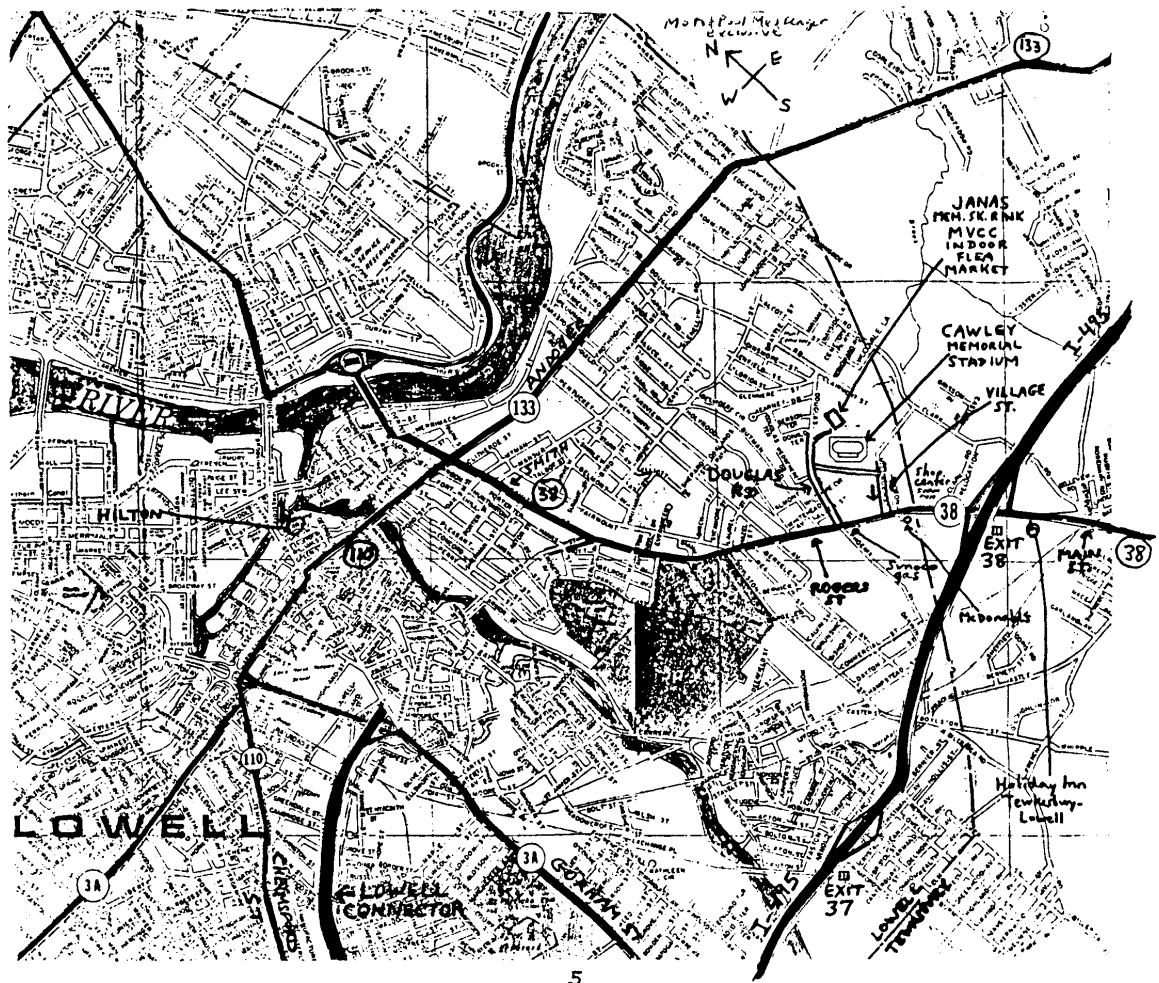
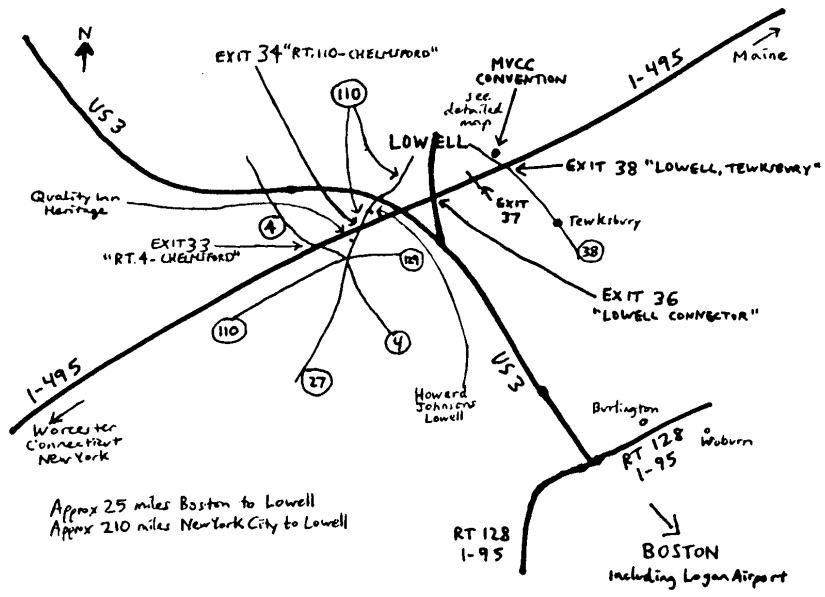
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**SUNDAY**

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Cont. every 30 mins. till 6:40

6:40	7:35	8:00	9:05	9:05
7:40	8:35	9:00	10:05	10:05
8:40	9:35	10:00	11:05	11:05
		11:30	12:35	12:35



OFFICIAL HOTEL INFORMATION

NEW ENGLAND CHAPTER  
MILITARY VEHICLE COLLECTORS CLUB  
1986 Convention Committee  
P.O. Box 117  
Hopkinton, MA 01748

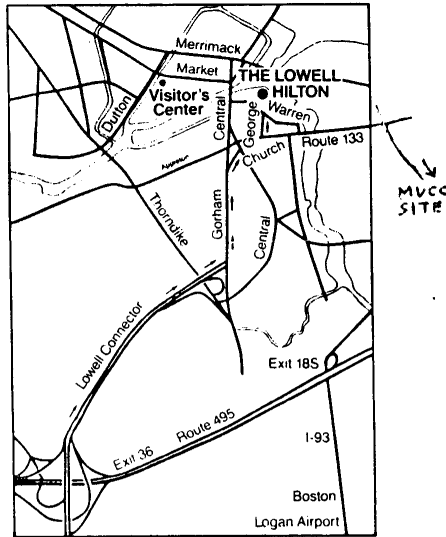


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Mass. 1-800-223-2325 \*  
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and Nashua, N.H.

	Host Hotel	Alternate Hotel	Outside Lowell
A) Lowell Hilton 50 Warren Street Lowell, MA 01852 (617) 452-1200	Single 1 Person \$64.00	Double 2 Persons \$68.00	Twin 2 Bed/2 Persons \$68.00
B) Town House Motor Inn 850 Chelmsford Street Lowell, MA 01852 (617) 454-5606	Single 1 Person \$46.00	Double 2 Persons \$52.00	Near Convention Site
C) Howard Johnsons 187 Chelmsford Street Chelmsford, MA 01824 (617) 256-7511	Single 1 Person \$60.00	Double 2 Persons \$70.00	5 Minutes from Lowell Center
D) Heritage/ Quality Inn 10 Independence Drive Chelmsford, MA 01824 (617) 256-0800	Double 2 Persons \$62.00	Child Under 12 - Free Cots - 6.00 ea	5 Minutes from Lowell Center
E) Holiday Inn 95 Main Street Tewksbury, MA 01876 (617) 851-7301	Single 1 Person \$55.00	Double 2 Persons \$65.00	5.00 each 10 Minutes from Lowell Center
F) Westford Regency 219 Littleton Road Westford, MA 01886 (617) 692-4132	2 Nights/3 Days Fri, Sat, Sun.	\$140.00 Per Couple Includes Sunday Brunch	15 Minutes from Lowell Center

All hotels have restaurants. All prices given are plus 5.7% state tax.

Ask for MVCC rate at Heritage/Quality and Town House Motor Inn. ← **NOTE!**



**LOWELL HILTON**  
(Americas Business Address)

2 1/4 mile from MVCC convention

**LOCATION:** 50 Warren Street at the Lower Locks of the Pawtucket Canal, downtown Lowell, MA. To reach the Lowell Hilton from Logan Airport in Boston, go through the Summer Tunnel and take the Expressway North to Route 93 N. Turn off Route 495 at exit 185 and head for Lowell. Swing off at exit 36 to Lowell Connector and follow signs to Lowell Center and the hotel.

**TRANSPORTATION TO HOTEL:** Hudson Limousine service from Logan Airport. Taxis to MVCC: "Trolley" shuttle service. Free.

**251 DELUXE GUEST ROOMS:** All guest rooms have individual climate control, color TV, AM-FM radio.

**CONCIERGE LEVEL:** The entire ninth floor is devoted to upgraded facilities and extra amenities for business executives and tourists. A private Concierge Lounge is also featured.

**RESTAURANTS & LOUNGES:** Ashley's, overlooking the Lower Locks of the Pawtucket Canal, offers fine American Cuisine and an extensive wine list. The Market features casual dining with a varied menu. Open 7 days for breakfast, lunch, dinner and Sunday Brunch. Arthur's is the quiet bar off the main lobby. Vibrations is a high energy action entertainment lounge highlighting live entertainment Tuesday through Sunday.

**RECREATIONAL FACILITIES:** Heated indoor and outdoor pools, health club, whirlpool, sauna, exercise room and game room.

**SHOPS:** Full service gift shop. Downtown shopping.

**SERVICES:** Valet, Bellman, Room Service, Tourist information, meeting and banquet planning, convention services, child care, secretarial services. Teleconferencing capability, outside catering, transportation assistance.

**AREA ATTRACTIONS:** Lowell National Historical Park tours, trolley rides, Lowell National and State Park Museums, State Heritage Park, Canal Tours, Fall foliage tours, Merrimack Repertory Theatre.

**MEETING FACILITIES:** Grand Ballroom, auxiliary meeting rooms, Executive Board Room and Four Executive Suites, 8,000 sq. ft. of meeting space.

**SPECIAL PLANS:** Hilton Breakaway Weekend, Honeymoon Plan, Rainbow Weekend, etc.

For details, rates and reservations call direct (617) 452-1200, your Travel Agent, Corporate Travel Department, or Hilton Reservation Service. Consult your white pages.

Special Convention Rates	SINGLE 1 Person	DOUBLE 2 Persons	TWIN 2 Persons 2 Double Beds
Rate Requested	\$64	\$68	\$68

Arrival Date  
CHECK IN TIME IS AFTER 3 P.M.

Departure Date  
CHECK OUT TIME IS 1 P.M.

**AFTER 6-25-86 RESERVATIONS ON SPACE AVAILABLE BASIS ONLY.**  
Note: If Room is not available at rate requested, reservations will be made at nearest available rate.

PRICES DO NOT INCLUDE 5.7% STATE TAX.

# "THE" FAMILY EVENT ... You Shouldn't Miss

## "UNOFFICIAL" HOTEL INFORMATION

to Military Vehicle Collectors Club members	LOCATION
FROM Ted Bromage	LOCATION
SUBJECT Motel Accomodations, Lowell, Mass. MVCC National Conv. DATE April 14, 1986	
MESSAGE	
In my travels to New England, I believe I have found the best value at	
the local Holiday Inn. Rates at the Hilton (Convention Headquarters) are	
\$64. for a single and \$68. for a double. I have negotiated a group MVCC	
rate at the Holiday Inn of \$51.00 for either a double or single. Make your	
reservations early. The H.I. is less than a mile from the flea market/	
display area (the Hilton is about <sup>2 1/4 (CP)</sup> 5 miles), located at Exit 38, Rt 38 off	
of route US 495 in Tewksbury, MA and has all the amenities.	
REPLY	
Details: Manager: Wayne S. Mello, Gloria Brown, sales	
Holiday Inn, Tewksbury-Lowell (LOWMA HX1569A)	
95 Main St., Tewksbury, MA 01876	
617-851-7301 You may either make reservations directly	
with the H.I. or call 1-800- HOLIDAY (465-4329). In either case, mention	
you want the "MVCC Group Rate"	
FOLLOW-UP DATE	REMOVE PART 2, FORWARD PARTS 1 & 3 PART 3 WILL BE RETURNED WITH REPLY
SIGNED	DATE

Please complete the form below, cut off and mail with your check

CUT HERE

Name _____	Number in your party _____
Number & Street _____	Phone Number _____
City-State-Zip _____	Date you expect to arrive _____

Number of Vendor Tables (6 Foot) .....	@ \$20.00 each = \$.....	Please Note: These prices are for pre-registration only. Gate prices will be 25% higher and some categories may not be available at the gate.
Number of Family Registrations .....	@ \$10.00 each = \$.....	
Number of Campsites .....	@ \$10.00 each = \$.....	
Number of Banquet Tickets .....	@ \$22.00 each = \$.....	
Number of Vehicles for Judging .....	@ \$3.00 each = \$.....	
Total of Check \$.....		

Please note any special needs

.....

Your Pre-Registration will be confirmed by mail to the above address only. Hotel information will be included with your confirmation. Vendors will be notified of table numbers assigned to them as well. Pre-Registration will not be accepted after June 30, 1986.

**FLASH!**

**BULLETIN! LATEST LOWELL UPDATE! BULLETIN!**  
(Motor Pool Messenger exclusive)

The host hotel, the modern and luxurious Hilton, is filling up - make your reservations soon!...Unfortunately, the campsites are all filled up... of course, there are commercial campgrounds further away....Everyone with a military vehicle is urged to participate in the official parade on Friday afternoon, whether registered or not...Banquet tickets are still available... Vendor only set-up hours, 0800-0930 Thursday and Friday. Flea market building open late on Thursday and Friday nights, but closes at 1800 hours on Saturday so as not to conflict with Banquet. Also open Sunday morning.

AT LOWELL, YOU WILL SEE THE LARGEST DISPLAY EVER OF PRIVATELY OWNED MILITARY ARMORED VEHICLES as well as the largest collection of soft-skin vehicles ever to gather in one place in North America! You will also see the finest and largest MVCC flea market in history...Don't miss out!

QUICK REFERENCE GUIDE TO LOWELL

- AAA - phone 454-9158
- Airline service - nearest is at Boston's Logan Airport, about 25 miles away.
- Hudson has ground service from Logan to major hotels in Lowell (see schedule)
- Amtrak - nearest service is in Boston, about 25 miles away.
- Banquet - at Lowell Hilton on Saturday evening. An excellent meal to be served.
- Camping - see top of this page.
- Flea market - inside John J. Janas Memorial Skating Rink, adjacent to Edward Cawley Memorial Stadium.
- Information - Richard Johnson, 617-429-6219, weekdays 8am-1pm, no table or other reservations by phone, please. Use Registration form.
- Parade - see top of page
- Police - Lowell - 617-937-3200.
- Shuttle service, free, by mock trolley, between downtown Lowell and the Hilton and the MVCC convention site, about 2½ miles. Frequent service.

## A NEW-YORK, LES DUKW EN LIBERTÉ

Verrons-nous une flottille de DUKW restaurés en France franchir l'Atlantique en sens inverse et saluer la Statue de la Liberté toute fraîche restaurée? C'est en tout cas l'ambitieux projet du MCVG-Ile de France pour le 4 juillet prochain.

Au cours du mois de décembre dernier, le bureau du M.V.C.G. Paris-Ile de France, par la voix de son président, a proposé à l'attaché militaire des Etats-Unis en France, le colonel Johnston, de mettre à la disposition du comité d'organisation des cérémonies réinaugurales de la statue de la Liberté dans l'île d'Ellis Island, face à la ville de New York, pour le 4 juillet prochain, une dizaine de GMC amphibie qui traverseraient le fleuve Hudson accompagnés de bateaux pompes et de leurs immenses jets d'eau. Symboliquement, ces véhicules ayant participé au débarquement de 1944, viendraient apporter, ce jour de l'Independence Day, la reconnaissance des Français aux pieds de cette statue offerte par eux au début du siècle. L'idée a fait son chemin à une vitesse incroyable, au point qu'actuellement le dossier est à Washington pour recevoir la décision des membres du congrès.

Certes, le peu de temps qui reste avant juillet jouera peut-être contre cet ambitieux projet. Mais les préliminaires ont été si vite menés qu'il n'est pas incongru de croire à une décision positive éventuelle. Alors il ne restera plus qu'à mettre les bouches triples pour préparer les engins, qu'ils soient parisiens (pour sept d'entre eux) ou britanniques puisqu'ont été invités les collectionneurs du M.V.C.G. Limited, et d'aller les embarquer dans le port allemand de Brême, où les attendra un cargo de l'US Navy. Les participants désignés des groupes M.V.C.G. Paris-Ile de France, des groupes affiliés à l'Univem et du M.V.C.G. Limited de Grande Bretagne, attendent avec l'impatience que vous imaginez la décision des sénateurs américains!

How's your French?? Some enthusiastic French military vehicle collectors are proposing to bring their DUKWs to New York in order to take part in the July 4 Statue of Liberty (a gift of France) celebrations.

The collectors want to use a U.S. Navy cargo ship to carry about a dozen DUKWs across the Atlantic, and the DUKWs would then join the ceremonies in New York Harbor...

**WWII HISTORY**

\*\*\*\*\*

We carry many unusual and hard-to-get books... also all issues of AFTER THE BATTLE Magazine... Large selection of references on tanks, jeeps, uniforms, insignia, etc... Send \$2 today for our new 36 page catalog (refundable).

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MILITARIA M-3-2002 #10 - Avril-Mai 86





**LOWELL CONVOY**  
THE NEW ENGLAND MILITARY VEHICLE  
COLLECTORS CLUB, INCORPORATED

a Chapter of the

**MILITARY VEHICLE COLLECTORS CLUB**

February 14, 1986

In Reply Refer To: Stephen Keith  
Secretary NEMVCC  
9 Green Rd  
Raymond N.H. 03077

Dear Sir:

I am a member of the 1986 International Conventional Committee for the July 1986 event in Lowell Mass. The Convention in Lowell will be the largest that the MVCC has ever had. To make the trip to the Convention as smooth, safe, and enjoyable as possible, I would like to ask a favor from you or one of your club members:

In conjunction with other clubs up and down the east coast, I am organizing a system of routes and convoys for members and their vehicles to take to Lowell. Naturally, I don't know the best routes, or places to camp, or motels, etc, outside of my own area, so I need some help. So I request that you spend some time and thought now to help make this event as enjoyable as possible.

Below are some ideas of mine, I am sure that you can think of even more - please do. Let me know your thoughts and routes, etc. I have listed at the end of this document those who I have mailed this to. If there is someone else, please let me know.

Basically what I am asking is PLEASE HELP.

I will compile the responses and mail them out again for review. When finalized, I will distribute them to all the newsletter editors along the route.

**CONVOYS**

1. Fast convoys; 45-55 mph average speed all day [not recommended for older vehicles]
2. Slow convoys; 30-35 mph average speed all day [recommended for WWII and Korean vehicles and larger MV's]

**ARRIVALS**

1. Convoys to arrive Thurs the 17th, Fri the 18th, and Sat the 19th

**DAY SCHEDULE**

1. Four hours max between stops
2. 100 miles max between fuel stops
3. Four hours max between food stops
4. 8 to 12 hours driving max per day

**NIGHT SCHEDULE**

1. Provide campgrounds for overnight stops [inexpensive]
2. Provide Motels adjacent to campgrounds [inexpensive]

**COMMUNICATIONS**

1. Have prearranged meeting places and times along the route to pickup other members/groups and have fixed departure times.
2. Communicate via CB channel 5 (primary) 4 and 3 secondary inside groups and between groups

**ROUTES**

1. Routes should provide for maximum speed, comfort, most direct path, etc
2. Watch out for minimum speed limits. Some states will allow slow vehicles on interstates if they use 4 way flashers.
3. Try to avoid city areas at rush hour times

**SUPPLIES**

1. 2 quarts of oil (min)
2. 5 gallons of gasoline (min)
3. a spare tire
4. a fan belt
5. 2 gallons of water/antifreeze (min)
6. drinking water
7. snacks (suitable for eating while driving)

Please note; On July 16, we are having the special tour of Aberdeen Proving Grounds sponsored by the Central Virginia Chapter. Schedules and convoy dates should take this into account

**Motorcycles Again  
in Corps' Inventory**

With delivery scheduled for this month, the Marine Corps has contracted for the purchase of 186 light-weight Kawasaki KCR 250 motorcycles. These Enduro—on- and off-road—motorcycles will each cost \$2,873 and are the initial procurement for a total acquisition of 231 units. The Corps had originally planned to combine its purchase with an Army acquisition but went ahead unilaterally when Army procurement funds were withdrawn.

Though it has been 40 years since motorcycles were last used by the Corps, Headquarters Marine Corps decided that two-wheeled vehicles could provide inexpensive transportation while serving a variety of combat and noncombat functions. Among these, four primary missions have been identified:

- ▶ Transporting lengthy messages between units to avoid electronic interception and circumvent jamming.
- ▶ Moving individual passengers and small equipment packages between units.
- ▶ Guiding groups during nighttime location changes.
- ▶ Reconnoitering routes, command positions, and enemy positions.

The motorcycle will also be used by the military police as a control vehicle.

First delivery will be made to the 2d Marine Aircraft Wing at Cherry Point and to units at Camp Lejeune. Later deliveries will be made to El Toro, Camp Pendleton and Twentynine Palms, followed by shipments to Hawaii and Okinawa.

*MARINE CORPS GAZETTE JAN 14 86, P. 6  
via James Eber*



N.J.C. COORDINATOR ON CONVOY TO LOWELL, MASS. IN JULY: Harry Rimmer, 201-752-8058

# BMY-General Automotive Venture Shuts Out LTV in Army Five-Ton Truck Contest

## Arveco Snaps Up Billion-Dollar Award for M939A2 Vehicle Production

By TOM DONNELLY  
Defense News Staff Writer

WASHINGTON — A subsidiary of BMY Corp. snatched \$1 billion worth of Army truck business away from LTV's AM General division last Wednesday when the service decided to award the contract for the next five-year buy of M939A2 five-ton trucks to Arveco of Delaware, Ohio.

Arveco, a joint venture between BMY of York, Pa., and General Automotive Co., Ann Arbor, Mich., won the contract to produce 15,218 of the vehicles for \$1 billion over the next five years by beating AM General's price, said Richard Sheill, contracting officer for the Army's Tank and Automotive Command (TACOM), Warren, Mich. AM General won the initial competition to produce the trucks in 1981 and will deliver 22,678 M939A2s to the Army through 1986.

Arveco's win is considered something of an upset by Army and industry sources. There have been no problems with AM General, says Sheill, but Arveco submitted the low bid.

The award is the result of a two-stage

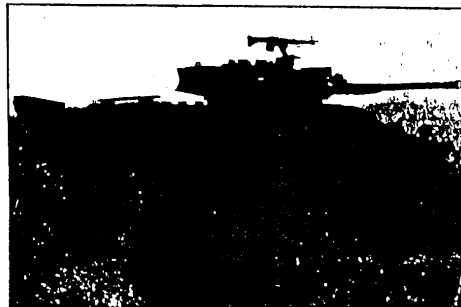
competition. In the first, AM General, Arveco, and Stewart and Stevenson Services Inc. submitted technical proposals that were acceptable to the Army. The competition then turned on price. "We assured ourselves that Arveco could perform the contract for the price it said it could," says Sheill. "We feel comfortable that we'll end up with a good product."

According to TACOM spokesman Art Volpe, the first year of the contract calls for 2,046 trucks at a cost of \$145 million. The Army has an option to renew the contract at the end of the first five years under similar terms, he says.

Since the deal to form Arveco was struck between BMY and General Automotive, say sources, BMY has acquired most of Arveco from its partner, including the Ohio truck plant once owned by the joint venture company. General Automotive is best known as a builder of specialty trucks, while BMY is a large defense contractor, builder of such systems as the Army's M109 howitzer, and is itself a subsidiary of the construction and metalwork-

ing giant, Harsco.

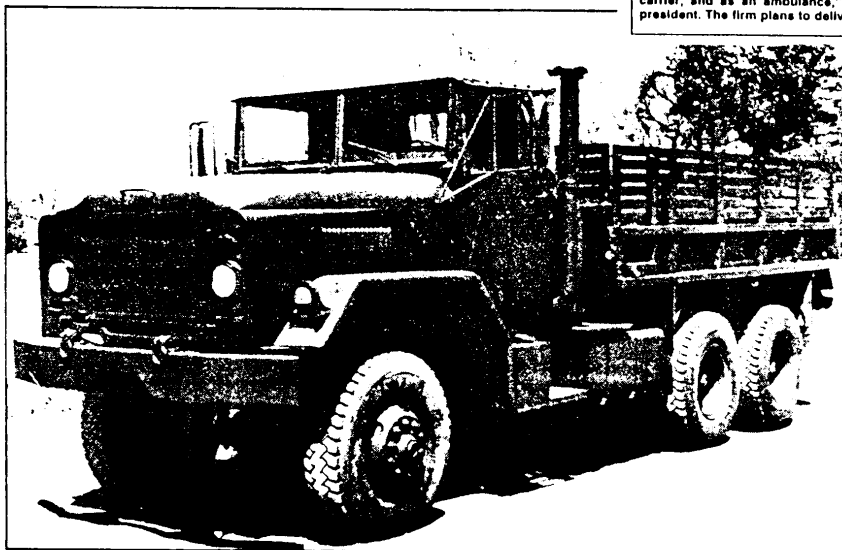
The M939 series of five-ton trucks includes 11 models of wheeled tactical transport vehicles powered by a six-cylinder diesel engine. Each model has a three-man cab.



Cadillac Gage Photo

### Export to Africa

The Warren, Mich.-based Cadillac Gage Co. subsidiary of Ex-Cell-O Corp. will build Commando V-150S armored wheeled vehicles for four African nations under \$15.2 million in contracts from the Army's Tank Automotive Command, Warren, Mich. The V-150 functions internationally "for combat and security roles for reconnaissance, as a personnel carrier, and as an ambulance," said William C. Frank, Cadillac Gage president. The firm plans to deliver most of the vehicles this year.



U.S. Army Photo

## New Truck Contractor

Arveco, a joint venture between BMY of York, Pa., and General Automotive Co. of Ann Arbor, Mich., has been awarded a contract for more than \$1 billion for the Army's next five-year buy of M-939A2 five-ton trucks (above). Arveco, of Delaware, Ohio, won the contract for 15,218 vehicles by bidding lower than AM General, which had won the initial contract in 1981 and will deliver more than 22,600 trucks to the Army through 1986. (Army Times June 2, 86)



# Classified Advertising

- DISPOSAL: MB Jeep with plow, extra, call Bernie Bunger, 201-463-7855
- DISPOSAL: MB Jeep, not running yet, with N.J. title. \$400. John Marko, 201-766-3784
- DISPOSAL: GPW Jeep, 1942, restored, \$6500  
MB Jeep, 1945, to be restored, make offer  
M38 Jeep, 1952, selling parts  
Arctic cap with windshield to fit MB, GPW, M38  
MB radiators - two  
All of above: Don Swanson, 201-383-1954
- WANTED: Info on WW2 ambulances and medical units, Scott Thompson, 201-386-0411
- WANTED: Troop seats and top bows, M-37. Also need engine TM on Canadian M37, John Haldy, 201-335-5606
- WANTED: 4 battery terminal lugs correct for M38A1. Erik Aibel, 201-335-0092
- WANTED: Eagle #75 Five gallon gasolin' can (with shut off spout) for use with 22 HP Johnson outboard motor and assault boats. Ted Bromage, 201-966-1080



## MILITARY VEHICLE AUCTION

Collection of Oliver K. Kenen  
Friday June 27, 1986 6:30 PM, inspection 5:30  
At the home of Oliver Kenen Sr.  
51 Philo Blvd. Edison, New Jersey  
Call 201-761-7349 for information or 201-548-5385 day of sale.  
DIRECTIONS: N.J. Turnpike Exit 10 to I-287 to US-1 south to Main St. (Bonhamtown) to Morris Ave. to Philo Blvd.

ITEMS TO BE AUCTIONED:  
1944 DODGE WC-63 1 1/2 ton 6X6 Cargo-personnel with winch, machine gun ring-mount and trolley. 1945 DODGE WC-62 1 1/2 ton 6X6. 2 DODGE WC-54 3/4 ton 4X4 Ambulances. 1941 GMC AFKX-352 1 1/2 ton C.O.E. Shop Van. ONAN 5kw military generator. U.S. NAVY portable boiler on WWII trailer. Jet aircraft rocket seat. Maple-topped machinest cabinets. 2 1/2 ton A-frame kit. BRADEN MU-2 winches. New transfer cases. Gas cans and spouts. Military books, uniforms and field equipment.  
CONTRACTORS EQUIPMENT. SAW FILING EQUIPMENT. Snatch blocks. Name plate embossing equipment. Photographic Equipment and projectors.  
HAND PAINTED CERAMICS.  
Many tools, small parts and box lots too numerous to mention.

OLIVER KENEN  
422 MEEKER ST.  
SOUTH ORANGE, N.J. 07079  
201-761-7349



## Coming Events

Mon - Jun 9 - NJC membership meeting, Florham Park, N.J.

Starts early at 7PM(1900hr) - judging seminar in parking lot

Sat - June 14 - Meadowlands Militaria show, NEW location - larger and better -

Paul VI high school, Clifton, N.J. on Vally Road, just north of Rt.46/3.

Thur-Sat - Jun 19-21 - Carlisle, Pa. summer automotive flea market

Sat - June 21 - Antique Truck Club of America show, Macungie, Pa.

Fri-Sat - June 20-21 - AACA National Spring Meet, Cherry Hill, N.J.

Fri- Jun 27 - Auction at Ollie Kenen's parents home, Edison, N.J.

Thur - July 3 - Fairfield, N.J. parade in EVENING

Fri - July 4 - NJC Annual Picnic:

Location: Quarters of Harold Ratzburg, 22 Westminster Drive, Parsippany,  
N.J. 201-887-2574. Snack bar opens at 1300 hr., mess hall at 1600 hr.  
Bring your own lawn chairs, bathing suit and towels.

Mon - July 14 - NJC meeting

Thur-Sun - July 17-20 - MVCC INT'L Convention, Lowell, Mass.

Sat - Aug 16 - - Upstate N.Y. military vehicle rally(also Fri & Sun)

Official Name: Wilderness Jamboree. Location: Helderberg Family  
Campground, Clarksville, N.Y., a few easy miles from last year's site.

Fri-Sun - Aug 29-31 - ASMIC convention, Arlington, Va.

Mon - Sept. 8 - NJC meeting

Sat - Sep 20 - Keystone Chapter m.v. rally at Penny Hill, near Montoursville, Pa.



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