

## ALTERNATIVE TO HYDRAULICS

TODAY'S LINEAR MOTION APPLICATIONS DEMAND MORE MODERN, HIGH PERFORMANCE MOTION CONTROL SOLUTIONS. WITH RISING UTILITY COSTS AND INCREASING CHALLENGES TO TAKE ENVIRONMENTAL ACTION, DESIGN ENGINEERS WANT A SOLUTION THAT WILL HELP THEM INCORPORATE AN ELECTRIC SOLUTION WITHOUT SACRIFICING PRECISION, SPEED AND PRODUCTIVITY. WE PROVIDE AN ELECTRO-MECHANICAL ALTERNATIVE TO TRADITIONAL HYDRAULIC ACTUATION.



NO CHANGES ARE MADE TO STRUCTURAL INTEGRITY.. THEREFORE WITH THE BARRIER IN PROTECTED POSITION, THE IMPACT PERFORMANCE IS THE SAME. (VERIFIED BY THE DEPARTMENT OF STATE)

### ADVANTAGES

- \*ELIMINATES HYDRAULIC FLUID
  - \*ELIMINATES HYDRAULIC COMPONENT FAILURES
  - \*EMERGENCY DEPLOYMENT TIME <1.0 SEC
  - \*NO LIMIT SWITCHES
  - \*PERFORMANCE NOT AFFECTED BY TEMPERATURE
  - \*TAMPER PROOF MECHANICAL FOLDING BRAKE
  - \*SUBSTANTIAL ENERGY SAVINGS OVER HYDRAULICS
  - \*EXTENDED LIFE OF BARRIER DUE TO FULLY CONTROLLED ACTUATION
  - \*NO BARRIER ALTERNATION NEEDED
  - \*FAIL SAFE MECHANICAL BRAKE
  - \*GREATLY REDUCED MAINTENANCE COSTS
  - \*IDEAL FOR MOST BARRIER APPLICATIONS AND RETROFITS
  - \*ENVIRONMENTALLY FRIENDLY
  - \*DATE STAMPED CYCLE COUNTER
  - \*ACTUATOR DUTY CYCLE RATED HUNDREDS OF THOUSANDS OF CYCLES
- OPTIONAL:
- \*CONTINUED OPERATION AFTER POWER INTERRUPTION W/ BACKUP
  - \*24V LED STOP/GO LIGHTS & BARRIER LIGHTS CONVERTED

K12 IS CERTIFIED IN INSTALLATION AND MAINTENANCE OF ALL TYPES OF VEHICLE ACCESS CONTROL EQUIPMENT.

K12 DEFENSE OFFERS THE EQUIPMENT AND EXPERTISE TO CAPABLY IMPLEMENT YOUR PLANS & PRODUCE THE DESIRED RESULT: KEEPING YOUR FACILITY SAFE AND OPERATIONAL

••• **K12 DEFENSE CONSULTANTS** •••  
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#### DEALER INFORMATION



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