

# Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

## DAVID WILLIAM HOWARD, P.E. Agriculture Mechanization/Mechanical Engineer

### PROFESSIONAL EXPERIENCE

2007 to **Robson Forensic, Inc.**

present *Associate*

Provide technical investigations, analysis, reports, and testimony towards the resolution of commercial and personal injury litigation involving agricultural and industrial machinery.

1987 to **Howard Farms, Inc.**

present *Consultant*

Trained seasonal workforce in all aspects of field equipment operations. Responsible for the operation and repair of machinery including design, fabrication, welding and assembly.

2005 to **Advanced Information Systems (AIS)/General Dynamics**

2007 *Lead Engineer, System Engineering*

Author of verification documents for trident missile guidance systems.

1997 to **Bath Iron Works/General Dynamics**

2005 *Senior Engineer, Missile Defense National Team (MDNT)*

2002-2005

Managed development of test support documents for testing of the Ballistic Missile Defense System for the Missile Defense Agency.

*Engineer, Bath Iron Works*

1997-2002

Functional engineering representative for the General Electric LM2500 main propulsion gas turbines for Arleigh Burke Class Naval Surface combatants. Led sea trials tests aboard operational Arleigh Burke Class Destroyers. Managed explosives sensor outfitting of CG-19 for a weapons effect test. Engineered lifting and turning procedures for production of DDG ship units.

1996 **Lincoln Pulp & Paper**

1997 *Co-op Engineer*

Performed failure analysis on paper mill equipment. Supervised multiple contractor crews during mill shutdown repairs. Engineered and supervised installation of a sodium hydroxide unloading, storage and distribution system. Engineered and repaired problematic equipment increasing time between failures.

1995 **Eastern Fine Paper**

*Production Worker*

Summer production employee in the papermaking, roll wrapping, finishing and mill yard areas.

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1994 **Westvaco Corporation**  
*Production Worker*  
Summer production employee in the papermaking, pulp beater room, wood yard, and chemical recovery areas. Trained in Hyster lift truck operation. Trained in basic handling of hazardous material and industrial fire fighting.

1992 to **Manpower & Olsten Temporary Employment Services**  
1994 *Security Guard* – Mill Rescue Squad/Fire Department dispatcher

**BE & K Construction**  
*Laborer*

**Advance Auto Parts**  
*Parts Sales Clerk - Battery Installer*

**John Deere Farm Equipment Dealership**  
*Parts Sales Clerk*

**Power Units:** Case; 401, 1070, 1175, International 1466, Deutz-Allis 9170, John Deere 2155, Case W7 loader, Muir Hill 110, case skid steer loader, Kubota tractors, bulldozers, International dump trucks, FMC Pea Combine

**Implements:** New Holland 880, 890, 892 harvesters, haybine and discbine mowers, grinder/mixer, Gehl 1260 forage harvester, Allis-Chalmers 440 baler, Deutz-Allis Round Baler, tank and box manure spreaders, pinwheel rake, Richardton dump wagon, feedwagon, rotary mower, broadcast fertilizer spreader, billion seeder, corn planter, Case moldboard plow, chisel plow, disc harrow, blade scraper, loader, sprayer, wood chipper, Farmi winch

**Tools:** Auger, chainsaw, oxygen/acetylene torch, arc welder, power hacksaw, grinder, electric and manual fuel pump, wood splitter, chain hay elevator, snowmobile, ATV, motorcycle

**Miscellaneous:** Waste storage transport and application, feed storage, bunker silo, methane digester, material handling

## PROFESSIONAL CREDENTIALS

Professional Engineer: Maine

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**DAVID WILLIAM HOWARD, P.E.**  
**Agriculture Mechanization/Mechanical Engineer**

## EDUCATION

Master of Science, Management, Rensselaer Polytechnic Institute, 2006

Bachelor of Science, Mechanical Engineering, University of Maine, 1997  
(Pulp & Paper Foundation Full Tuition Scholarship Recipient)

Bachelor of Science, Agricultural Mechanization, University of Maine,  
1991

### *Continuing Coursework:*

Master of Science System Engineering Courses, Johns Hopkins University  
Introduction to System Engineering  
System Design and Integration  
Software Engineering Management

## PROFESSIONAL AFFILIATIONS

American Society of Mechanical Engineers

EXPERT NOT RETAINED