



**Sikorsky**

A United Technologies Company



# UTC 2010 EHS GOALS

How we got almost there...

**David Eherts PhD CIH**

*Vice President, Chief Safety Officer*



**Sikorsky Global Helicopters**

A Sikorsky Company

**Sikorsky Military Systems**

A Sikorsky Company

**Sikorsky Aerospace Services**

A Sikorsky Company



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**Sikorsky Aerospace Services**  
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# SIKORSKY'S BUSINESSES



**Sikorsky**

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**Safety**



**Sikorsky Military Systems**

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**Sikorsky Global Helicopters**

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**Sikorsky Aerospace Services**

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# SHARED CULTURE & VALUES



SIKORSKY



CHC SAFETY & QUALITY SUMMIT 2010  
MARCH 22-24, 2010, VANCOUVER, B.C. CANADA




*“The best companies have great safety and financial performance, and they consistently have cultures that embrace continuous learning. They are never quite comfortable that they’ve done all they can to improve.” – Bob Sheffield, managing director, Shell Aircraft Limited*

home > education\_program > courses


★ Education Program

## THE VALUE OF SAFETY

Tuesday | 8:00 a.m.-3:00 a.m.



Jeffrey P. Pino  
President, Sikorsky Aircraft Corporation



*As the world's largest helicopter services company we have found that a total dedication to safety is not just good for peace of mind, it's good for business.*

**Our Number One Priority**

# WE CARE ABOUT EVERY ACCIDENT



## International Helicopter Safety Team

Secretariat: 217 N. Washington Street, Alexandria, VA 22314 USA  
(703) 684-6777 • Fax (703) 739-9279 • [www.vtol.org](http://www.vtol.org)

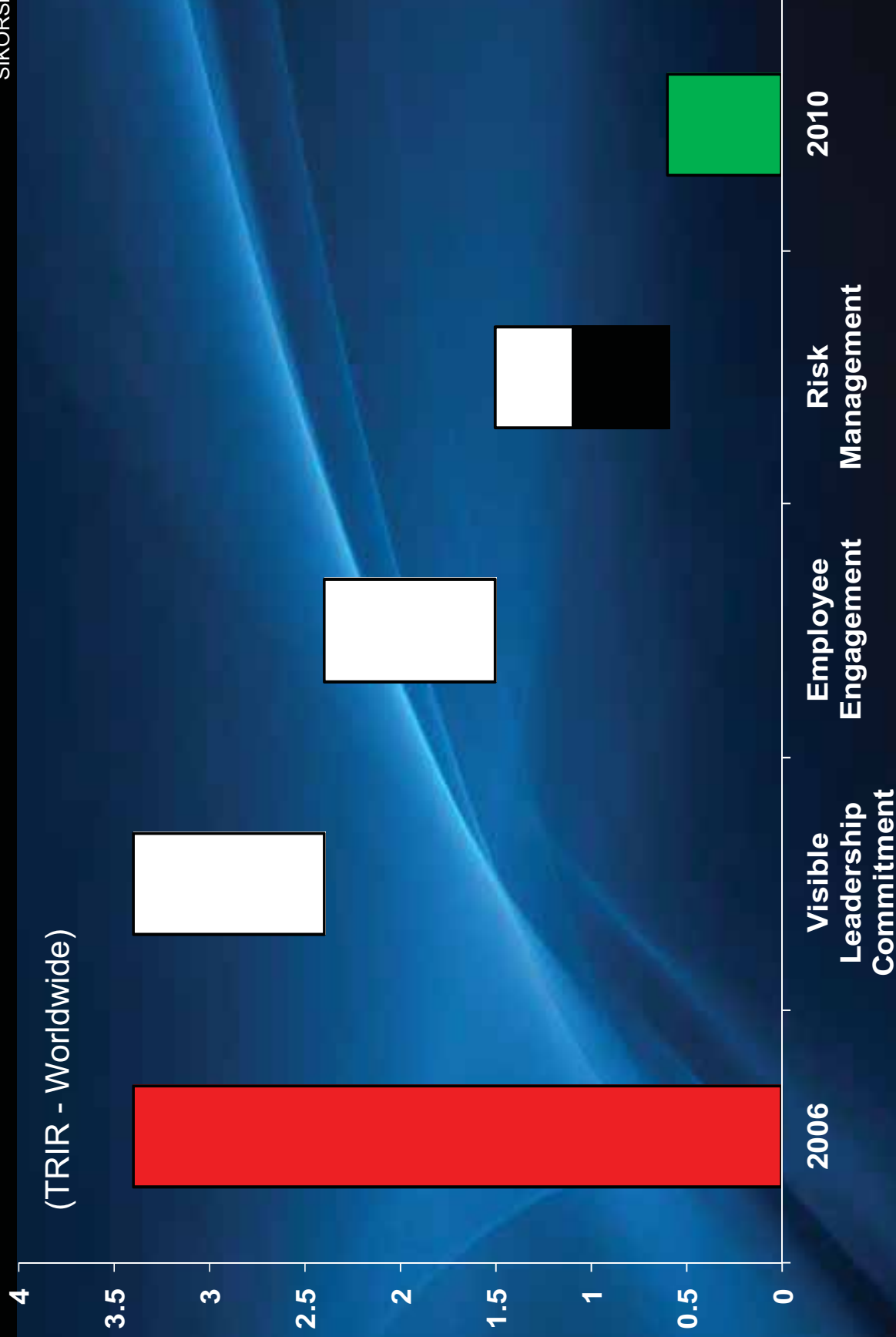


## A Call for Action by Helicopter Owners

In recent years, recurrent media campaigns on helicopter accidents have focused the public's attention on helicopter safety, generating a negative perception of our Industry with regards to safety which has always been, and will remain, of utmost importance for us.



# GOAL: 5 X in 5 YEARS



# LEADERSHIP



*“There are two things that must happen every day.*

*First, every Sikorsky aircraft ever manufactured must land at the time and place of choosing of the pilot.*

*Second, every employee must go home exactly as they came in, or better.*

*We’re much better at the first than the second.*

*We must be perfect in both cases.”*

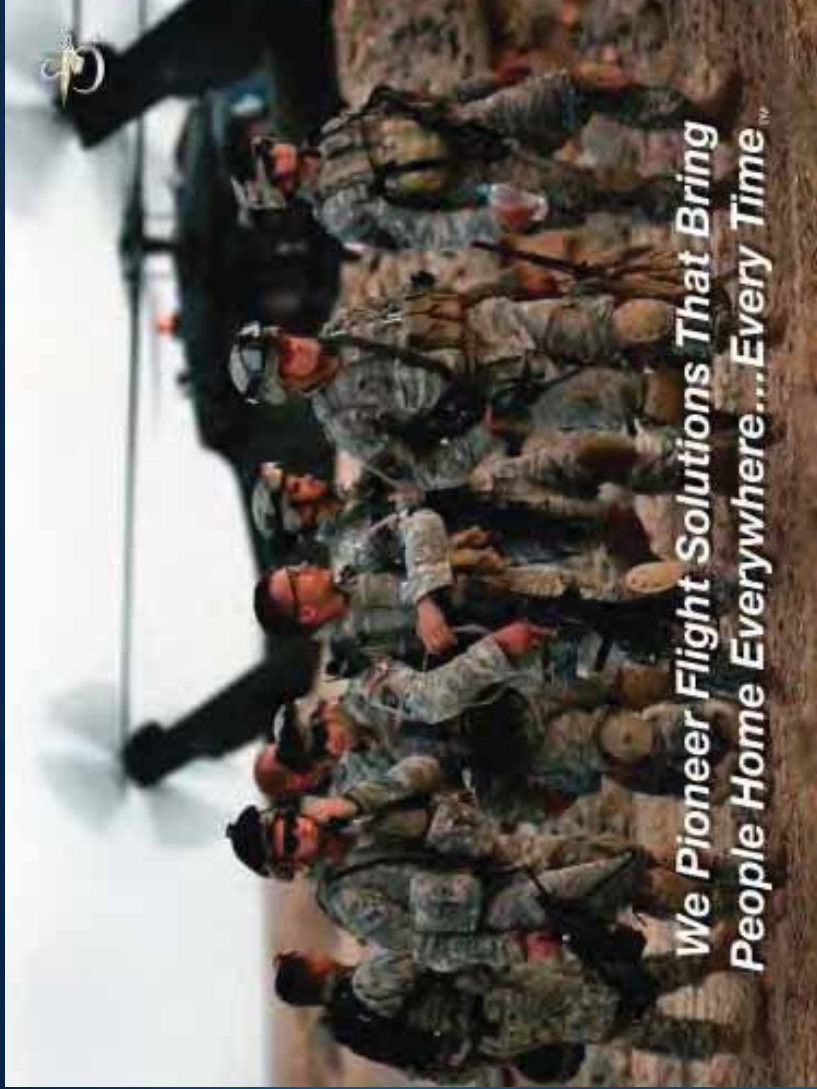
**Jeffrey Pino,  
President Sikorsky Aircraft**



# LEADERSHIP



*“There are two things that must happen every day.”*



*We Pioneer Flight Solutions That Bring  
People Home Everywhere...Every Time™*



# TAKING CARE OF EACH OTHER



# EMPLOYEE ENGAGEMENT



Your Freedom Is In Their Hands....

Their Safety Is In Yours!!



# EMPLOYEE ENGAGEMENT



**Sea...  
in the Dark.**



Sikorsky WeatherFlight™ provides. With Sikorsky's innovative Eye Approach System, the pilot's approach is a self-run, a completely automated function, ensuring consistent approach and landing heights and rates on your schedule - with dramatically reduced pilot workload and increased safety. It's part of the S-300 helicopter's total package of safety and productivity technology that's good for business, and good for you.

**Sikorsky Global Helicopters**  
© Sikorsky, 2014

# DATA DRIVEN RISK MANAGEMENT



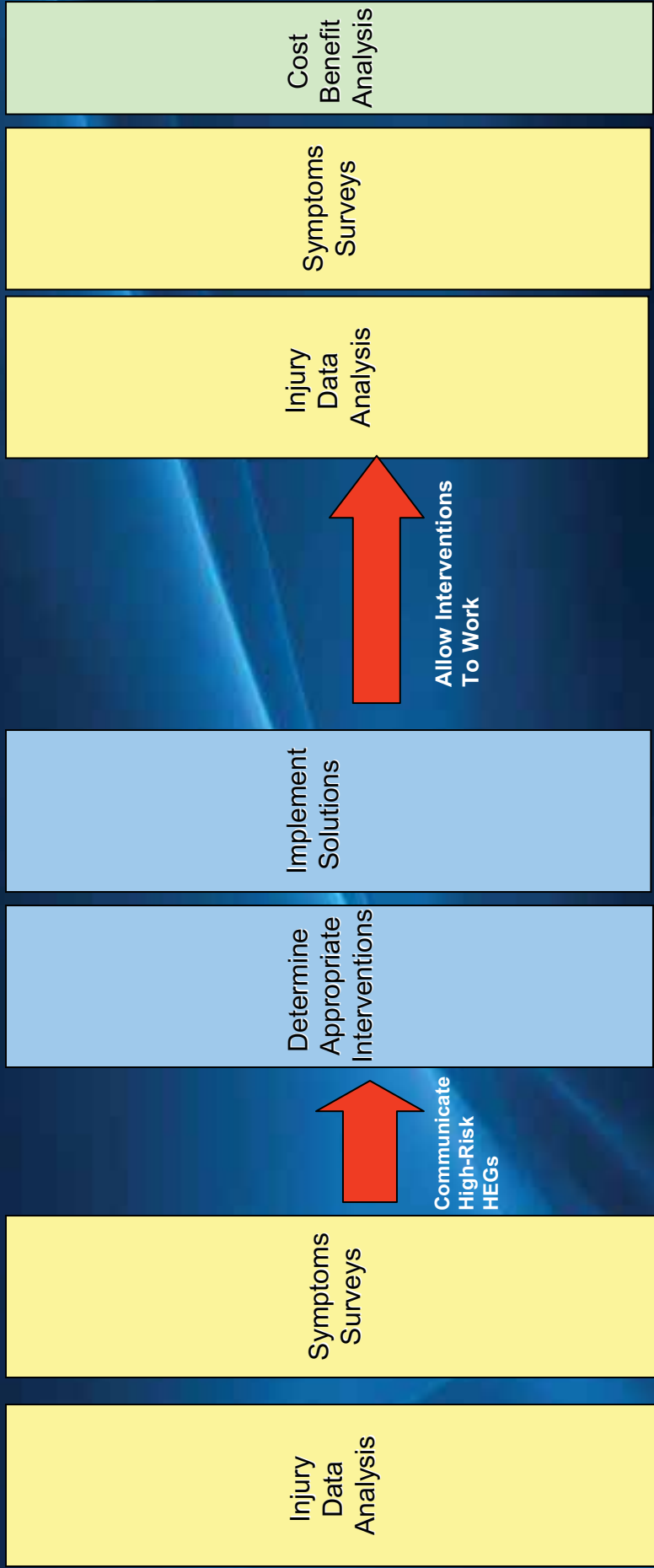
## Recordable Injuries 2010



- Slips, trips, falls
- Ergonomic
- Hand lacerations
- Eyes
- Other



# DATA DRIVEN RISK MANAGEMENT



| Bundle Number | Project Numbers | Description  | Estimated Cost of Interventions | Net Present Value (NPV) | Internal Rate of Return (IRR) | Return on Investment (ROI) | Discounted Payback Period (DPP) |
|---------------|-----------------|--|---------------------------------|-------------------------|-------------------------------|----------------------------|---------------------------------|
| 1             | 1,2,14          | Final Assembly Terminator Tool, Ergonomics Chair, Stripper and Kneeling Pad                                      | \$83,800                        | \$375,669               | 79%                           | 117%                       | 1.5 years                       |
| 1             | 1,2,14          | Final Assembly Terminator Tool, Ergonomics Chair, Stripper and Kneeling Pad + <b>1% Productivity Improvement</b> | \$83,800                        | \$1,453,806             | 265%                          | 166%                       | 0.4 year                        |
| 1             | 3               | Blades Saw Horses  | \$2,700                         | \$21,232                | 227%                          | 141%                       | 0.4 year                        |
| 1             | 4               | Blades Mold Lay Up Cart  | \$5,500                         | \$41,433                | 70%                           | 133%                       | 2.4 years                       |
| 1             | 5,6,20,21,22    | Tail Cell Tools  | \$11,575                        | \$13,335                | 28%                           | 55%                        | 4.2 years                       |
| 1             | 5,6,20,21,22    | Tail Cell Tools + <b>5% Productivity Improvement</b>   | \$11,575                        | \$143,961               | 1164%                         | 157%                       | 0.1 year                        |
| 1             | 8,9,10,11,12    | Avionics Wire Stripping & Crimping   | \$122,207                       | \$101,132               | 23%                           | 43%                        | 4.5 years                       |
| 1             | 8,9,10,11,12    | Avionics Wire Stripping & Crimping + <b>1% Productivity</b>  | \$122,207                       | \$318,842               | 137%                          | 91%                        | 0.5 year                        |
| 1             | 11              | Avionics Ergo Positioners (additional units)   | \$13,958                        | \$8,239                 | 20%                           | 32                         | 4.5 years                       |
| 1             | 11              | Avionics Ergo Positioners (additional units) + <b>1% Productivity</b>  | \$13,958                        | \$17,993                | 52%                           | 59                         | 0.9 year                        |

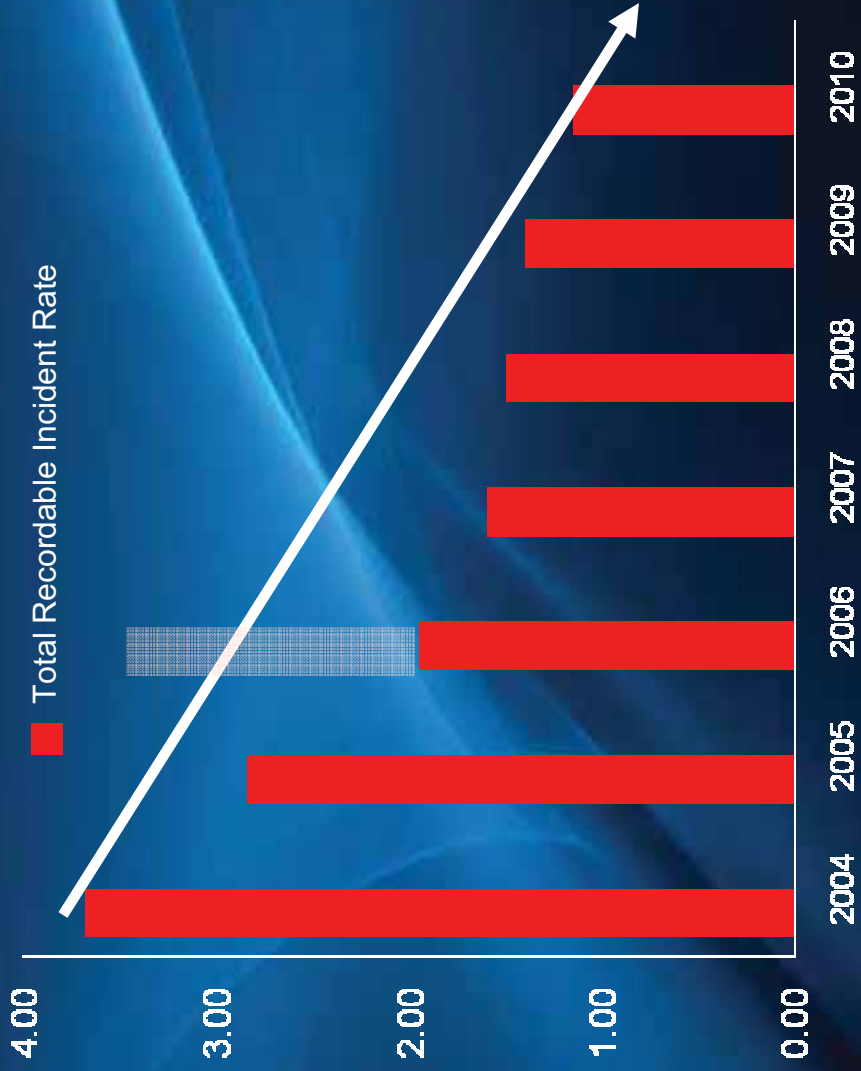
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**Avg Intervention Cost: \$19,000**  
**Avg NPV: \$244,000**  
**Avg DPP: 2.1 years**

# RESULTS



- Safe place to work
- Employees working safely
- Lowest accident rate in Sikorsky history



SAFETY IS VALUE



SIKORSKY

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The Magazine for Environment, Health and Safety Leaders

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**Leadership. Innovation. Commitment.**

**EHS Today**  
The Magazine for Environment, Health and Safety Leaders  
**Welcomes You to Our New Site**  
(Formerly Occupational Hazards)

Industrial

Fire/Emergency

And there is an absolute competitive advantage in keeping injury rates down, Pino insisted. “We have reduced workers’ compensation rates by \$200 per US employee per year in the United States. I don’t like doing math in public, but that’s \$2 million per year”

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Pino pointed to three requirements for a successful EHS program: leadership commitment, employee engagement and solid risk management.

SAFETY IS VALUE



## Environmental Protection Takes Flight at Sikorsky



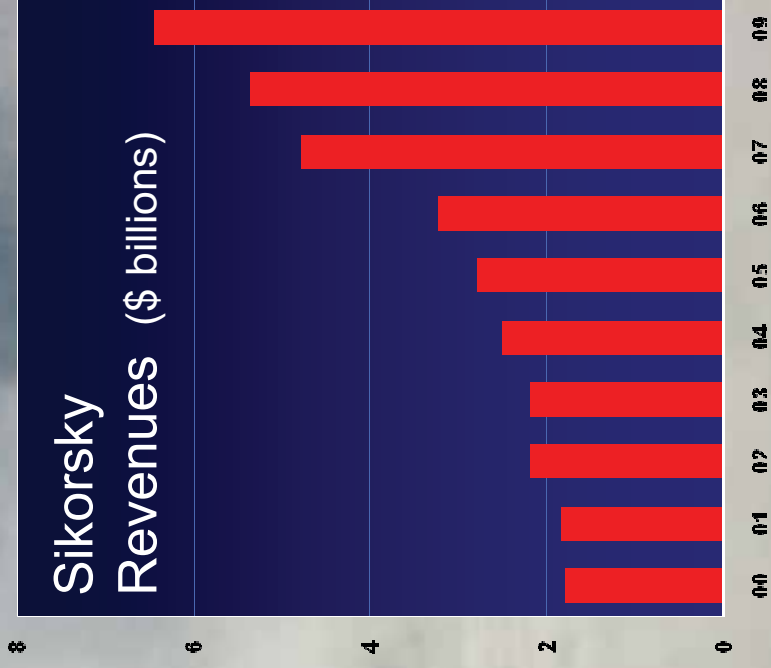
By protecting its employees and remaining dedicated to “doing the right thing”, Sikorsky has reduced its accident rates, workers’ comp costs and carbon footprint to become a company synonymous with strong environmental leadership, safety and environmental responsibility.

# SAFETY IS VALUE



*As a strong proxy for management quality, environmental, health & safety performance consistently correlates well with stock price performance.*

**Innovest 2005**



*We pioneer flight solutions  
that bring people home  
everywhere...every time™*

**David Eherts CIH PhD  
VP and Chief Safety Officer**

[deherts@sikorsky.com](mailto:deherts@sikorsky.com)

**Office: 203 386 8666**

**Cell: 203 895 0410**

