

Background Modern ski bindings were designed to prevent leg fractures, but do not protect the user from knee injuries. B Xonte 25% ACL Re-240,000 **Tear Rate Annual Knee Injuries in the US from Skiing** 6+ Months Average

Recovery Time of an ACL Tear

\$25,000 Cost of an **ACL Injury**

Objectives

Design Requirements

- ✓ Horizontal and vertical release mechanisms in both the heel and toe pieces
- ✓ Complete DIN adjustability
- Compatibility with standard boot and ski

Testing Requirements

- Pass industry standard torque release test
- Ultimate strength and fatigue strength factor of safety of 3

Business Requirements

- Establish a supply chain structure
- Build 5-year business model



Release Spring Mechanisms

Die Cast Steel Spring Stamped Stainless Steel C-Clamp • Injection Molded PA6 GF40 Spring Guide and DIN Reader

Business Model

Wholesale to Retail Stores & Resorts

Athletic Sponsorships

\$210/Unit Gross Profit

95.5% Interest in Talon Tech Bindings



Releases Injection Molded PA6 GF40

Impact

New Venture Challenge Competitor CU Catalyze Grant Recipient

"I see this ski binding as a game changer in the industry, revolutionizing how we will approach ski safety in the future" Coach Rosenstrach CU FreeSki Team

Tim Ruybal Diana Manning Daniel Riffell Anil Karathra Karen Crofton Lindsey Mills Aidan Patterson

Additional Tests • Temperature test • Fatigue test

Thank you

Patrick Maguire Humsini Acharya Coach Rosenstrach DC Colorado Idea Forge ITLL Epic Mountain Gear