




Why Limpet



2012

Pioneering Height Safety & Industrial Access



-  Simple to use
-  Smart on the inside
-  Tough on the outside

**The Yellow Box...a revolution
in height safety and access**

Mult-function Limpet® is SAFER



SUSPENDED ACCESS

ASSISTED CLIMBING

FALL PREVENTION

EVACUATION

RESCUE

Limpet® intelligence revolutionises assisted climbing

LIMPET



Limpet weighs climber + equipment and automatically applies 90% assistance



Intelligent auto-belay; takes in and pays out line = instant arrest if user falls



Integrated rescue & evacuation

CLIMB ASSIST SYSTEMS



Level of climb assist manually selected from 2 or 3 options. Max 55kg

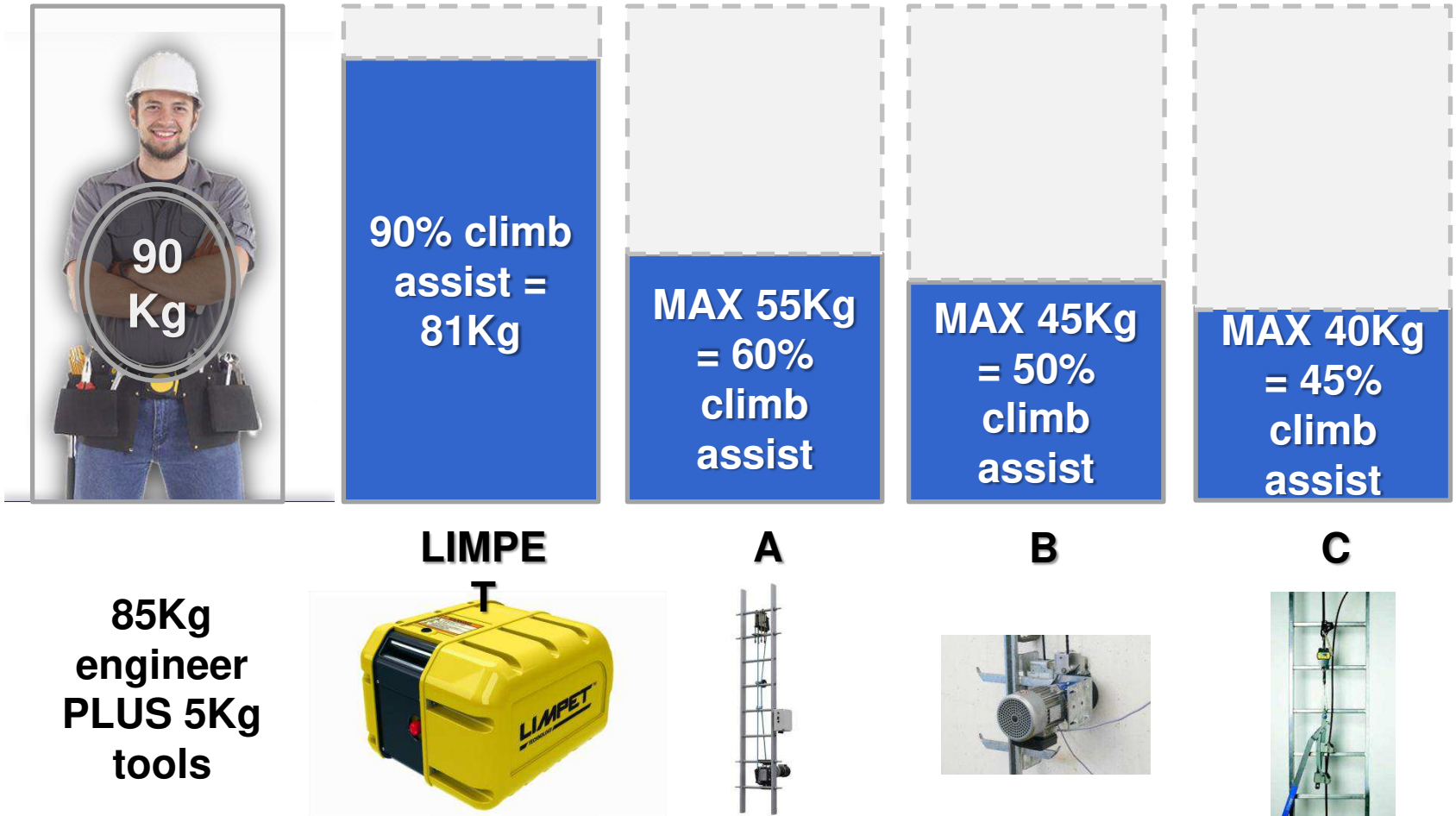


No integrated fall arrest



No rescue or evacuation functions

Limpet® = best climb assist by far



Limpet® 90% climb assist = more productivity

Maintenance tasks completed faster with Limpet®

No. of Turbine Ascents by Technician During Shift



Unassisted



UK recommended guideline for climbing WTG = 4 x 60m climbs in one 8 hour shift

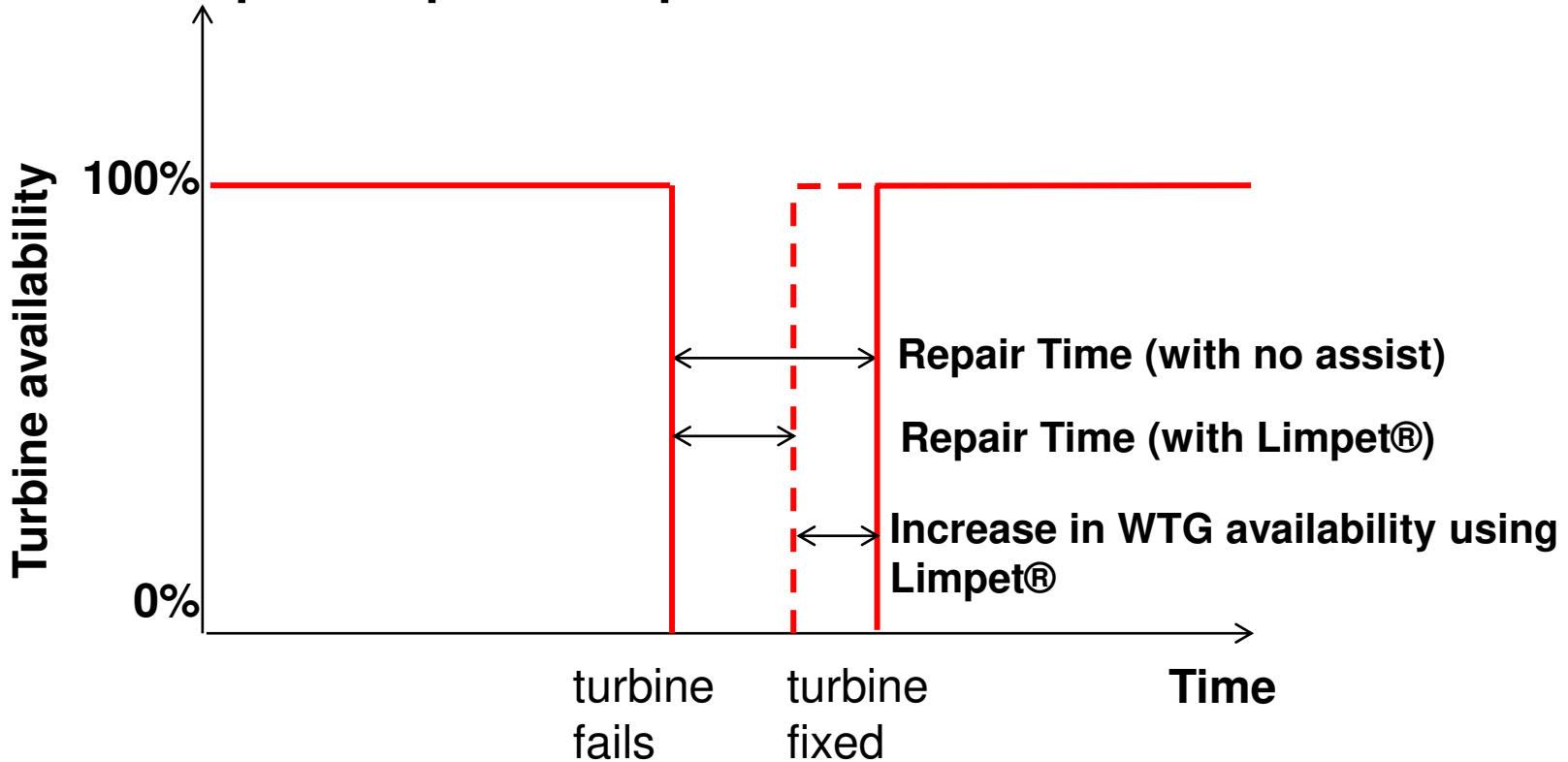
Limpet



Using Limpet at 90% climb assist could improve this by 100%+

Limpet® 90% climb assist = more WTG availability

Limpet® improves repair time metrics for O&M teams



O&M engineers vote for Limpet®

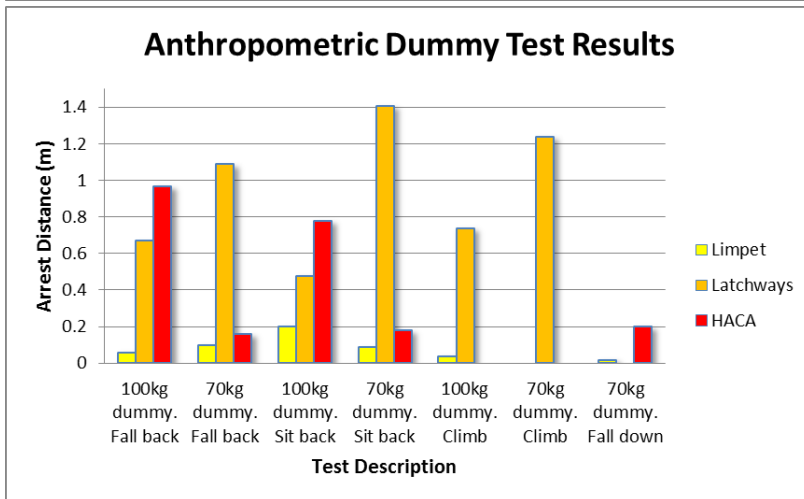
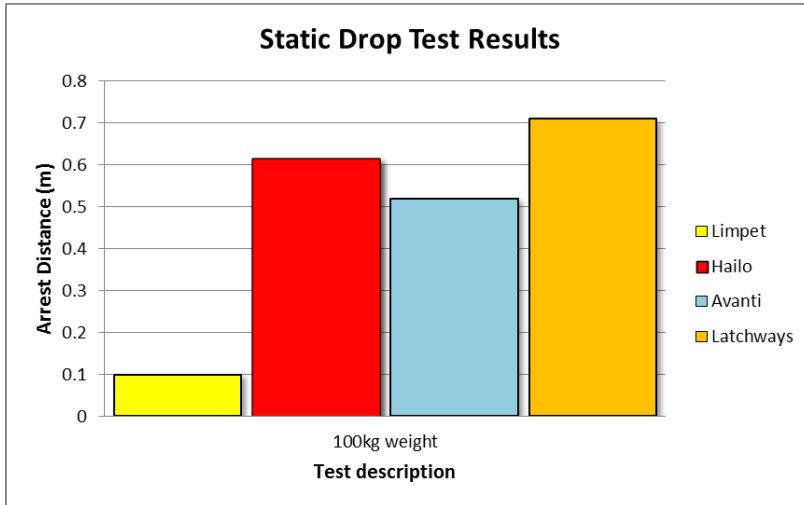
Testimonials from maintenance engineers in the field confirms that using Limpet® gets problems fixed faster

A fault appeared later on in the day, when a number of turbine climbs had already been made. Limpet enabled us to climb the turbine to establish the cause of the fault, return for parts, climb again to fit the parts, etc. In all, at least 6 climbs and descents were made in a short space of time, whereas before we would have left it to another day.

In the normal course of events, it would have taken a couple of days (to fix), and we would have got pretty fed up with it... you're tired, you're cold, it's getting late at night, you just think: Oh, to hell with it... but if you are quicker at doing it (with a Limpet) you'll get it fixed quicker anyway...



Limpet® = integrated fall arrest



Limpet® Proactive Fall Prevention™. Constant upward tension = falls <1cm and arrest forces <3kN



Integral fall arrest. No compatibility problems with climb assist systems



Alternative systems can allow significant drops & need repair/ replacement after use.

<http://www.youtube.com/watch?v=8x6lW8nyqZw>

*The "70kg dummy. Climb" results for Limpet was 0mm so it does not display on the graph.

Limpet® = integrated rescue & evacuation



Current systems for nacelle ladder rescue take 40 mins to evacuate casualty



Limpet® allows casualties to be evacuated in 4 mins



Remote rescue via wireless control unit



The Limpet® time advantage in a rescue situation can be seen online at:

<http://www.youtube.com/watch?v=a61etVVAXjc>

Limpet®: “An Engineering Marvel!”

“It (Limpet) is an engineering marvel! I was able to activate the climb assist with both hands and feet still on the ladder rungs. The system took nearly all of my body weight (90%) and it was a dream to climb. To test the fall arrest mode, I slumped and let go and was stopped in less than a half inch. I could stay connected and work in an area without interference from the Limpet line.”

Mike Parnell, President, ITI – Field Services (Dec 2011)

Thank You

www.limpettechnology.com