First Technology Safety Systems

Minor updates and pusher plate discussion for Flex Pli GTR

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1 December 2009
Content

- Catch rope idea
- Modification proposals (minor improvement)
- Ballast weight (pendulum) improvement
- Notification of setting tool change
- Pusher Plate discussion for common use
Catch rope idea

Tibia

Thickened section on base segment by 4mm

M8 pin, aluminum or steel with 5 mm hole for steel wire loop

Femur

Guide has been thickened at top from 6 to 8 mm
Impact segment improved positioning

Reduce hole size on impact segment from 10.7 to 10.5 mm diameter for more accurate location. Screw head size varies from 10.15 to 10.35 so no problem with fit tolerance.
Spacer tubes to prevent plastic compression

Aluminum spacer tubes molded into protective cover
Bonding bone buffer

Bond end bone buffer both ends for correct location and to ensure part is in place after disassembly bond will not be too strong
New ballast weight attachment for pendulum rig

New proposal avoids need to remove femur top plate and is easier to locate and fit
Setting tools

Incorporate flat in setting tool to replace use of 2 wrenches, making adjustment easier

2x string pot attachment setting block for knee assembly now supplied in toolbox
Discussion pusher for universal use

For high acceleration push phase
JARI recommends 6 mm plate behind knee area
Do other users agree to these dimensions?

Front view of JARI pusher plate
Pusher Questions

- Is a flat face interface acceptable if so how thick?
  If not will need to customize
- Does the launcher need tilting upwards to allow for gravity in flight?
Thank you