Inference at $*$
of proof for Lemma inconsistent-bool-eq4:

$\vdash \forall b{:}\mathbb{B}.\ ((\neg_b b) = b) \Longleftrightarrow \text{False}$
by ((D (0)$\cdot$)
CollapseTHENA (Auto$\cdot$)$\cdot$)
CollapseTHEN ((AutoBoolCase b)
CollapseTHEN (
((Try ((RWO "inconsistent-bool-eq" 0)
CollapseTHEN (Auto$\cdot$)$\cdot$))$\cdot$)
CollapseTHEN ((Try (
(RWO "inconsistent-bool-eq2" 0)
CollapseTHEN (Auto$\cdot$)$\cdot$))$\cdot$)$\cdot$)$\cdot$

.

http://www.nuprl.org/FDLcontent/p0_963683_/p23_550277_{inconsistent-bool-eq4}.html