```
list_accum_wf  THM

⊢  ∀T,T':Type, l:T List, y:T', f:(T'→T→T').
   list_accum(x,a.f(x,a);y;l) ∈ T'
  by RepeatFor 3 (D 0 THENA Auto)
THEN ListInd (-1) THEN

     RecUnfold `list_accum` 0
THEN Reduce 0

     THEN Auto THEN EasyHyp
END
```