

Results for RCXP (in 00:00:04.133):

NB_EV: 19
AP: AP0
NB_AP: 4
NB_MAY: -1
NB_MUST_MINUS: -1
NB_MUST_PLUS: -1
NB_MUST_SHARP: -1
NB_AS: 5
NB_AS_RCHD: 5
TAU_AS: 100.00
NB_AT: 34
NB_AT_RCHD: 26
TAU_AT: 76.47
NB_EXPECTED_AS: 5
NB_EXPECTED_AS_RCHD: 5
TAU_EXPECTED_AS: 100.00
NB_EXPECTED_AT: 2
NB_EXPECTED_AT_RCHD: 2
TAU_EXPECTED_AT: 100.00
NB_CS: 68
NB_CS_RCHD: 52
NB_CT: 108
NB_CT_RCHD: 91
RHO_CS: 76.47
RHO_CT: 84.26
NB_TESTS: 9
NB_STEPS: 201

TESTS:
c0q4 = AC=0, Be=0, CS=0, De=0, Do=0, Gl=0, Li=0, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Opening]-> c5q0 = AC=0, Be=0, CS=0, De=0, Do=1, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c5q0 = AC=0, Be=0, CS=0, De=0, Do=1, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Ch_Sec_Activation]-> c17q0 = AC=0, Be=0, CS=1, De=0, Do=1, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c17q0 = AC=0, Be=0, CS=1, De=0, Do=1, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c17q0 = AC=0, Be=0, CS=1, De=0, Do=1, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c20q4 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Closing]-> c20q4 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c20q4 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c20q4 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c45q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c46q0 = AC=0, Be=0, CS=1, De=1, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c46q0 = AC=0, Be=0, CS=1, De=1, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c47q0 = AC=0, Be=0, CS=1, De=2, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c47q0 = AC=0, Be=0, CS=1, De=2, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c48q0 = AC=0, Be=0, CS=1, De=3, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c48q0 = AC=0, Be=0, CS=1, De=3, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c49q0 = AC=0, Be=0, CS=1, De=4, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c49q0 = AC=0, Be=0, CS=1, De=4, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c50q0 = AC=0, Be=0, CS=1, De=5, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c50q0 = AC=0, Be=0, CS=1, De=5, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c52q0 = AC=0, Be=0, CS=1, De=6, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c52q0 = AC=0, Be=0, CS=1, De=6, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c53q0 = AC=0, Be=0, CS=1, De=7, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c53q0 = AC=0, Be=0, CS=1, De=7, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c54q0 = AC=0, Be=0, CS=1, De=8, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c54q0 = AC=0, Be=0, CS=1, De=8, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c55q0 = AC=0, Be=0, CS=1, De=9, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c55q0 = AC=0, Be=0, CS=1, De=9, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c56q0 = AC=0, Be=0, CS=1, De=10, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0
c56q0 = AC=0, Be=0, CS=1, De=10, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=1, Us=1, Wa=0 - [Alarm_Activation]-> c51q2 = AC=1, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=0, Us=1, Wa=0
c51q2 = AC=1, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=1, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Unlocking]-> c57q0 = AC=1, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c57q0 = AC=1, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Alarm_Deactivation]-> c20q4 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0
c20q4 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Doors_Locking]-> c45q0 = AC=0, Be=0, CS=1, De=0, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=0, Us=1, Wa=0 - [Increment_Chronometer]-> c46q0 = AC=0, Be=0, CS=1, De=1, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0
c46q0 = AC=0, Be=0, CS=1, De=1, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c47q0 = AC=0, Be=0, CS=1, De=2, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0
c47q0 = AC=0, Be=0, CS=1, De=2, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c48q0 = AC=0, Be=0, CS=1, De=3, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0
c48q0 = AC=0, Be=0, CS=1, De=3, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c49q0 = AC=0, Be=0, CS=1, De=4, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0
c49q0 = AC=0, Be=0, CS=1, De=4, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c50q0 = AC=0, Be=0, CS=1, De=5, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0
c50q0 = AC=0, Be=0, CS=1, De=5, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c52q0 = AC=0, Be=0, CS=1, De=6, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0
c52q0 = AC=0, Be=0, CS=1, De=6, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c53q0 = AC=0, Be=0, CS=1, De=7, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0
c53q0 = AC=0, Be=0, CS=1, De=7, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0 - [Increment_Chronometer]-> c54q0 = AC=0, Be=0, CS=1, De=8, Do=0, Gl=0, Li=0, Lo=0, Mv=0, Tr=1, Us=1, Wa=0

SET_RCHD_EXPECTED_AT:

$\theta\theta = \neg(p_0 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{AC}=1, \text{Do}=1))$, $\neg(p_1 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Do}=0, \text{or}(\text{Us}=0, \text{and}(\text{Us}=1, \text{Lo}=0, \text{, AC}=0))))$, $\neg(p_2 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Us}=1, \text{Do}=0, \text{AC}=1, \text{Lo}=1))$, $\neg(p_3 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Us}=0, \text{Be}=1))$ - [$\text{Alarm_Deactivation}$]> $q_4 = \neg(p_0 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{AC}=1, \text{Do}=1))$, $(p_1 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Do}=0, \text{or}(\text{Us}=0, \text{and}(\text{Us}=1, \text{, Lo}=0, \text{, AC}=0))))$, $\neg(p_2 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Us}=1, \text{Do}=0, \text{AC}=1, \text{Lo}=1))$, $\neg(p_3 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Us}=0, \text{Be}=1))$)
 $q_9 = (\theta\theta = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{AC}=1, \text{Do}=1))$, $\neg(p_1 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Do}=0, \text{or}(\text{Us}=0, \text{and}(\text{Us}=1, \text{, Lo}=0, \text{, AC}=0))))$, $\neg(p_2 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Us}=1, \text{Do}=0, \text{AC}=1, \text{Lo}=1))$, $(p_3 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Us}=0, \text{Be}=1))$ - [User_Authorized]> $q_0 = \neg(p_0 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{AC}=1, \text{Do}=1))$, $\neg(p_1 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Do}=0, \text{or}(\text{Us}=0, \text{and}(\text{Us}=1, \text{, Lo}=0, \text{, AC}=0))))$, $\neg(p_2 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Us}=1, \text{Do}=0, \text{AC}=1, \text{Lo}=1))$, $\neg(p_3 = \text{and}(\text{Tr}=0, \text{Mv}=0, \text{Us}=0, \text{Be}=1))$

SET_UNRCHD_AS:

SET_UNRCHD_EXPECTED_AS:

SET_UNRCHD_AT:

SET_UNRCHD_EXPECTED_AT:

TIME_TESTS: 00:00:00.012