

Axioms $\sim C$



```
graph TD; A([Axioms ~C]) --> B[ATP System  
(model denier)]; B --> C[Yes  
(ref'n)]; B --> D[No]; B --> E[Timeout];
```

The diagram is a flowchart illustrating the process of an ATP (Automated Theorem Prover) system. It begins with an oval containing the text "Axioms $\sim C$ ". A downward arrow points from this oval to a rectangular box labeled "ATP System (model denier)". From the bottom of this box, three arrows point downwards to three possible outcomes: "Yes (ref'n)", "No", and "Timeout".

ATP System
(model denier)

Yes

(ref'n)

No

Timeout