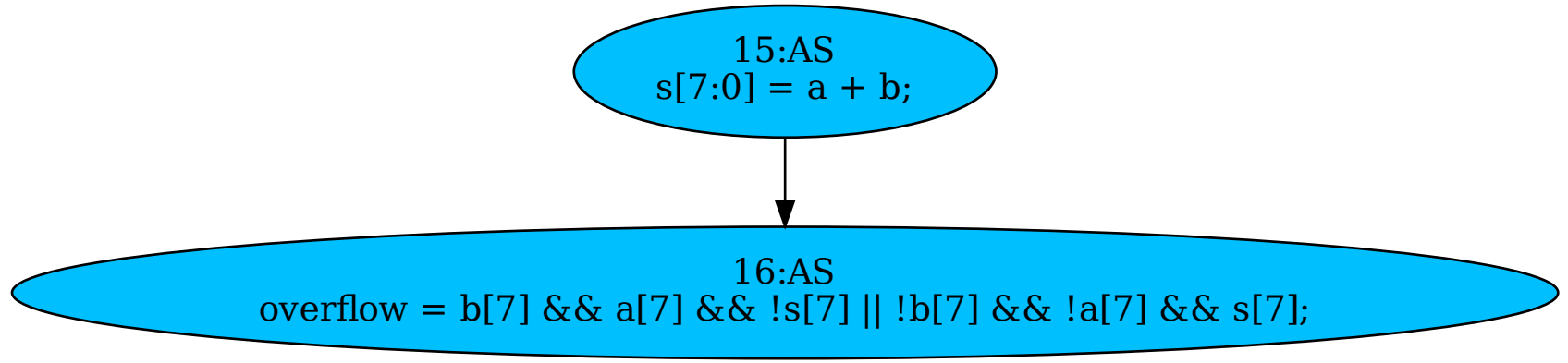


15:AS
s[7:0] = a + b;



```
graph TD; A([15:AS  
s[7:0] = a + b;]) --> B([16:AS  
overflow = b[7] && a[7] && !s[7] || !b[7] && !a[7] && s[7];]);
```

16:AS
overflow = b[7] && a[7] && !s[7] || !b[7] && !a[7] && s[7];