```
0 = unblocked cells; 1 = blocked cells; X = unknown cells; Y =
presumed path
 T = target; A = agent;
Search problem:
0 0 0 0 0
0 0 1 0 0
0 0 1 1 0
0 0 1 1 0
0 0 A 1 T
STEP 1:
0 0 0 0 0 X X X X X
                        0 0 0 0 0
0 0 1 0 0 X X X X X
                         0 0 0 0 0
0 0 1 1 0 X X X X X
                         0 0 0
                               0 0
0 0 1 1 0 X X XY XY 0Y
                         0 0 Y Y Y
0 0 A 1 T X X AY 1 T
                         0 0 AY 1 T
STEP 2:
0 0 0 0 0 X X X X X
                         0 0 0 0 0
0 0 1 0 0 X X X X X
                         0 0 0 0 0
0 0 1 1 0 X X XY XY 0Y
                         0 0 Y
                                ΥΥ
0 0 1 1 T X X XY 1
                    Τ
                         0 0 Y
                               1 T
0 0 A 1 0 X X AY 1 0
                         0 0 AY 1 0
STEP 3:
0 0 0 0 0 X X X X X
                         0 0 0 0 0
0 0 1 0 0 X X XY XY 0Y
                         0 0 Y Y Y
0 0 1 1 T X X XY 1
                   Τ
                         0 0 Y
                                1 T
0 0 1 1 0 X X XY 1
                         0 0 Y
                    0
                         0 0 AY 1 0
0 0 A 1 0
          X X AY 1 0
STEP 4:
0 0 0 0 0 X X X X X
                         0 0 0 0 0
0 0 1 0 T X X XY 0Y T
                         0 0 Y T
0 0 1 1 0 X X XY 1 0
                         0 0 Y
                                1 0
0 0 1 1 0 X X XY 1 0
                         0 0 Y
                                1 0
0 0 A 1 0 X X AY 1 0
                         0 0 AY 1 0
```

STEP 5: 0 0 1 T 0 X XY 1 T 0 0 Y 1 T 0 0 0 1 1 0 X XY XY 1 0 0 Y Y 1 0 0 0 1 1 0 X X XY 1 0 0 0 Y 1 0 0 0 A 1 0 X X AY 1 0 0 0 AY 1 0 STEP 6: 0 0 0 T 0 X XY 0Y T 0 0 Y Y T 0 0 0 1 0 0 X XY 1 0 0 0 Y 1 0 0 0 0 1 1 0 X XY XY 1 0 0 Y Y 1 0 0 0 1 1 0 X X XY 1 0 0 0 Y 1 0 0 0 A 1 0 X X AY 1 0 0 0 AY 1 0 STEP 7: 0 0 T 0 0 X 0Y T 0 0 0 Y T 0 0 0 0 1 0 0 X XY 1 0 0 0 Y 1 0 0 0 0 1 1 0 X XY XY 1 0 0 Y Y 1 0 0 0 1 1 0 X X XY 1 0 0 0 Y 1 0 0 0 A 1 0 X X AY 1 0 0 0 AY 1 0 STEP 8:

STEP 10:

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	0	0	0	0	1	0	0
0	Τ	1	1	0	0	Τ	1	1	0	0	Τ	1	1	0
0	0	1	1	0	Χ	0 Y	XY	1	0	0	Y	Y	1	0
0	0	Α	1	0	Х	Χ	ΑY	1	0	0	0	ΑY	1	0

STEP 11:

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