

1999 Field Components

| Line # | Assembly | Part # | Description | # Req. | Material | Length |
|--------|------------------|--------|--------------------------------------|--------|--|---------|
| 1 | puck | PW1 | octagon top | 2 | ½" B/C plywood | 4'x8' |
| 2 | puck | F1 | perimeter frame w/22 ½° both ends | 8 | 2"x6" kd std. pine ripped to 4" wide | 27 ½" |
| 3 | puck | F2 | supports w/90° & double 22 ½ ° | 2 | 2"x4" kd std. pine | 32 7/8" |
| 4 | puck | F3 | supports w/45° & double 22 ½ ° | 4 | 2"x4" kd std. pine | 32 5/8" |
| 5 | puck | F4 | supports w/22 ½° both ends | 2 | 2"x4" kd std. pine | 68 ¾" |
| 6 | puck | PW2 | caster mounting reinforcement | 10 | ¾" plywood | 6"x 6" |
| 7 | puck | C1 | 3" heavy duty swivel plate caster | 10 | Part #311-HR refer to The Robot - appendix E | |
| 8 | puck | KK77-7 | plastic plug for P1 | 2 | | |
| 9 | puck | P1 | vertical pipe | 2 | 1 ¼" dia. Schedule 40 pipe | 24" |
| 10 | puck | FL1 | flag | 2 | ¼" fiberglass bike antenna | 72" |
| 11 | puck | KK60-7 | Kee Klamp extra heavy duty flange | 2 | slip on pipe fitting for 1 ¼" pipe | |
| 12 | puck | CA1 | carpeted top of puck | 1 | | 8'x8' |
| 13 | puck | BO1 | ¼-20x3 ½" carriage bolt | 6 | steel | 3 ½" |
| 14 | puck | BO2 | ¼-20x1 ¾" carriage bolt | 48 | steel | 1 ¾" |
| 15 | puck | WA1 | ¼-20 ID flat washer | 54 | steel | |
| 16 | puck | NT2 | ¼-20 nut | 54 | steel | |
| 17 | puck | DS1 | coarse drywall screw | 44 | steel | 3" |
| 18 | puck | DS2 | coarse drywall screw | 200 | steel | 1 5/8" |
| 19 | puck | DS3 | coarse drywall screw | 50 | steel | 1" |
| 20 | operator station | SS1 | safety shield | 4 | 3/8" clear acrylic | |
| 21 | operator station | A1 | safety shield support | 4 | 2" angle aluminum stock | 46 ½" |
| 22 | operator station | A2 | safety shield support | 8 | 2" angle aluminum stock | 6" |
| 23 | operator station | BO5 | ¼-20x1 ½" hex head bolt | 40 | steel | 1 ½" |
| 24 | operator station | WA1 | ¼" ID flat washer | 40 | steel | |
| 25 | operator station | NT3 | ¼-20 wing nut | 40 | steel | |
| 26 | operator station | KK61-7 | Kee Klamp flange | 12 | slip on pipe fitting for 1 ¼" pipe | |
| 27 | operator station | BO4 | ¼-20x1 ½" slotted countersunk bolt | 48 | steel | 1 ½" |
| 28 | operator station | NT2 | ¼-20 nut | 88 | steel | |
| 29 | operator station | P4 | control surface uprights | 12 | 1-¼" dia. Schedule 40 pipe | 36" |
| 30 | operator station | P8 | lateral supports | 4 | 1-¼" dia. Schedule 40 pipe | 21" |
| 31 | operator station | PA2 | upper front panel | 4 | ¼" masonite | 16"x50" |
| 32 | operator station | PA1 | lower front panel | 4 | ¼" masonite | 16"x50" |
| 33 | operator station | SR1 | modesty panel support | 48 | 1 ¼" split ring | |
| 34 | operator station | WA2 | ½" spacer | 48 | | |
| 35 | operator station | BO7 | 3/8"x1 ¼" round head slotted bolt | 48 | | 1 ¼" |
| 36 | operator station | KK26-7 | Kee Klamp two socket cross | 4 | slip on pipe fitting for 1 ¼" pipe | |
| 37 | operator station | KK19-7 | Kee Klamp adjustable side outlet tee | 8 | slip on pipe fitting for 1 ¼" pipe | |
| 38 | operator station | CS1 | operator control surface | 4 | ¾" plywood surface & 1"x6" std. pine | |
| 39 | operator station | FN1 | operator station assembly | 64 | 4D finish nail | |
| 40 | field border | B1 | short field border | 4 | 4"x3" std. pine | 12" |
| 41 | field border | B2 | long field border | 10 | 4"x4" std. pine | 96" |
| 42 | field border | B3 | player station joining boards | 4 | 1"x4" std. pine | 84" |
| 43 | field border | PL1 | corner border joining plates | 4 | 3"x3" angle steel | 12" |
| 44 | field border | PL2 | straight border joining plates | 6 | 3"x3" angle steel | 16" |
| 45 | field border | BO6 | ¼-20x3 ½" hex head bolt | 48 | steel | 3 ½" |
| 46 | field border | WA1 | ¼" ID flat washer | 68 | steel | |
| 47 | field border | NT1 | ¼-20 tee nut insert | 48 | steel | |
| 48 | field border | KK61-7 | Kee Klamp flange | 24 | slip on fitting for 1 ¼" pipe | |
| 49 | field border | KK19-7 | Kee Klamp adjustable side outlet tee | 12 | slip on pipe fitting for 1 ¼" pipe | |
| 50 | field border | KK77-7 | plastic plug for P1 | 12 | | |
| 51 | field border | SC1 | ¼-11x3" hex head lag screw | 64 | steel | 3" |
| 52 | field border | SC2 | ¼-11x2" hex head lag screw | 20 | steel | 2" |
| 53 | field barrier | P1 | barrier upright supports | 12 | 1 ¼" dia. Schedule 40 pipe | 16" |
| 54 | field barrier | P2 | player station barrier | 4 | 1 ¼" dia. Schedule 40 pipe | 69 ½" |
| 55 | field barrier | P3 | player/operator station connector | 4 | 1 ¼" dia. Schedule 40 pipe | 33" |
| 56 | field barrier | P5 | operator station connector | 2 | 1 ¼" dia. Schedule 40 pipe | 17 ½" |
| 57 | field barrier | P6 | side barrier | 4 | 1 ¼" dia. Schedule 40 pipe | 94" |
| 58 | field barrier | P7 | center side barrier | 2 | 1 ¼" dia. Schedule 40 pipe | 93" |

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refer to DWG NO. 99-FLD-0002-D