

```

def P3D()
  # Global parameters
  global speed_ms = 0.300
  global speed_rads = 0.750
  global accel_mss = 3.000
  global accel_radss = 1.200
  global blend_radius_m = 0.001

  #-----

  # Add any default subprograms here

  # For example, to drive a gripper as a program call
  # def Gripper_Open()
  # ...
  # end

  #
  # Example to drive a spray gun
  def SprayOn(value)
    # use the value as an output
    DO_SPRAY = 5
    if value == 0
      set_standard_digital_out(DO_SPRAY, False)
    else
      set_standard_digital_out(DO_SPRAY, True)
    end
  end

  # Example to drive an extruder
  def Extruder(value)
    # use the value as an output
    if value 0
      # stop extruder
    else

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    # start extruder

end

end

# Example to move an external axis
def MoveAxis(value)
    # use the value as an output
    DO_AXIS_1 = 1
    DI_AXIS_1 = 1
    if value = 0
        set_standard_digital_out(DO_AXIS_1, False)

        # Wait for digital input to change state
        #while (get_standard_digital_in(DI_AXIS_1) != False)
        # sync()
        #end
    else
        set_standard_digital_out(DO_AXIS_1, True)

        # Wait for digital input to change state
        #while (get_standard_digital_in(DI_AXIS_1) != True)
        # sync()
        #end
    end
end

end

#-----

# Main program
# Program generated by RoboDK v5.2.1 for UR10e on 12042021 103244
# Using nominal kinematics.
blend_radius_m = 0.001

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```
speed_ms = 0.083
speed_ms = 1.000
# set_reference(p[-0.800000, -0.170000, -0.020000, 0.000000, 0.000000, 0.000000])
set_tcp(p[0.222667, -0.020341, 0.121966, 0.000000, 1.570796, 0.000000])
# Anzeigen Extruder
movej([-2.988545, -2.129476, -1.509586, -2.644121, 1.723851, -
1.570796],accel_radss,speed_rads,0,0)
move(p[-0.605173, 0.025720, -0.015000, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0)
speed_ms = 0.130
move(p[-0.605173, 0.025720, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.040
set_standard_digital_out(5, 0)
move(p[-0.605173, 0.025720, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.130
move(p[-0.605173, 0.025720, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.040
move(p[-0.605173, 0.025720, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.030
set_standard_digital_out(5, 3.000)
move(p[-0.603417, 0.024220, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
move(p[-0.601257, 0.023405, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
move(p[-0.600000, 0.023286, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
move(p[-0.580000, 0.023286, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
move(p[-0.577725, 0.023683, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)
move(p[-0.575720, 0.024827, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)
```

```
    movel(p[-0.574220, 0.026583, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.573405, 0.028743, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.573286, 0.030000, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.573286, 0.044900, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.573683, 0.047175, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.575252, 0.049648, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580352, 0.054748, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.582241, 0.056075, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.585100, 0.056714, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.600000, 0.056714, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.602275, 0.056317, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.604280, 0.055173, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.605780, 0.053417, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.606595, 0.051257, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.606714, 0.050000, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.606714, 0.030000, -0.019600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.606317, 0.027725, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.605203, 0.025772, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.040

    set_standard_digital_out(5, 0.000)
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    movel(p[-0.605203, 0.025772, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.130

    movel(p[-0.598172, 0.048172, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.040

    movel(p[-0.598172, 0.048172, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.598172, 0.031828, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581828, 0.031828, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581828, 0.044143, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.585857, 0.048172, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598112, 0.048172, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598886, 0.048886, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.598886, 0.031114, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581114, 0.031114, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581114, 0.044438, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.585562, 0.048886, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598826, 0.048886, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130
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```
set_standard_digital_out(5, 0.000)

movel(p[-0.599600, 0.049600, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599600, 0.030400, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580400, 0.030400, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580400, 0.044734, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585266, 0.049600, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599540, 0.049600, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599429, 0.049238, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.040

movel(p[-0.599429, 0.049238, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.130

movel(p[-0.586431, 0.047735, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.040

movel(p[-0.586431, 0.047735, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.582265, 0.043569, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.582265, 0.042520, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.587480, 0.047735, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
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movel(p[-0.588529, 0.047735, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.582265, 0.041471, -0.019600, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.582265, 0.040423, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.589577, 0.047735, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590626, 0.047735, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.582265, 0.039374, -0.019600, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.582265, 0.038325, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.591675, 0.047735, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.592724, 0.047735, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.582265, 0.037276, -0.019600, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.582265, 0.036228, -0.019600, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.593772, 0.047735, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.594821, 0.047735, -0.019600, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.582265, 0.035179, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.582265, 0.034130, -0.019600, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.595870, 0.047735, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.596919, 0.047735, -0.019600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.582265, 0.033081, -0.019600, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.582265, 0.032265, -0.019600, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

move(p[-0.582497, 0.032265, -0.019600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.597735, 0.047503, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.597735, 0.046454, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.583546, 0.032265, -0.019600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.584594, 0.032265, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.597735, 0.045406, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.597735, 0.044357, -0.019600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.585643, 0.032265, -0.019600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.586692, 0.032265, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.597735, 0.043308, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.597735, 0.042259, -0.019600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.587741, 0.032265, -0.019600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.588789, 0.032265, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.597735, 0.041211, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.597735, 0.040162, -0.019600, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.589838, 0.032265, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.590887, 0.032265, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.597735, 0.039113, -0.019600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.597735, 0.038064, -0.019600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)


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    movel(p[-0.591936, 0.032265, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592985, 0.032265, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.597735, 0.037015, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.597735, 0.035967, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.594033, 0.032265, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.595082, 0.032265, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.597735, 0.034918, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.597735, 0.033869, -0.019600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.596131, 0.032265, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.597180, 0.032265, -0.019600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.597735, 0.032820, -0.019600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.597735, 0.032820, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.019300, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.044296, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.585704, 0.048964, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
movel(p[-0.598904, 0.048964, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.019300, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.044469, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585531, 0.049383, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.044634, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585366, 0.049780, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.599610, 0.049418, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598382, 0.048708, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.020

    set_standard_digital_out(5, 2.000)

    movel(p[-0.598708, 0.048382, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.047782, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.597782, 0.048708, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.597183, 0.048708, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.047183, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.598708, 0.046583, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.596583, 0.048708, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.595983, 0.048708, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.045983, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.045384, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.595384, 0.048708, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.594784, 0.048708, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.044784, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.044184, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.594184, 0.048708, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593585, 0.048708, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

movel(p[-0.598708, 0.043585, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.042985, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.592985, 0.048708, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.592386, 0.048708, -0.019300, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.042386, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.041786, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.591786, 0.048708, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591186, 0.048708, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.041186, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.040587, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.590587, 0.048708, -0.019300, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589987, 0.048708, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.039987, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.039387, -0.019300, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.589387, 0.048708, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.588788, 0.048708, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.038788, -0.019300, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.038188, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.588188, 0.048708, -0.019300, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587588, 0.048708, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.037588, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.036989, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.586989, 0.048708, -0.019300, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586389, 0.048708, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.036389, -0.019300, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.035789, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.585789, 0.048708, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585715, 0.048708, -0.019300, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.585452, 0.048445, -0.019300, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.035190, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.034590, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.585152, 0.048146, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.584853, 0.047846, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.033990, -0.019300, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.033391, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.584553, 0.047546, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.584253, 0.047246, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.032791, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

move(p[-0.598708, 0.032192, -0.019300, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.583953, 0.046946, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.583653, 0.046646, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.031592, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598408, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.583354, 0.046347, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.583054, 0.046047, -0.019300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.597808, 0.031292, -0.019300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.597209, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.582754, 0.045747, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.582454, 0.045447, -0.019300, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.596609, 0.031292, -0.019300, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.596010, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.582154, 0.045147, -0.019300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.581854, 0.044848, -0.019300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.595410, 0.031292, -0.019300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.594810, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.581555, 0.044548, -0.019300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

```
    movel(p[-0.581292, 0.044285, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.044211, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.594211, 0.031292, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593611, 0.031292, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.043611, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.043011, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.593011, 0.031292, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592412, 0.031292, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.042412, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.041812, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.591812, 0.031292, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591212, 0.031292, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.041212, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.040613, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.590613, 0.031292, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590013, 0.031292, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.040013, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.039413, -0.019300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.589413, 0.031292, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

movel(p[-0.588814, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.581292, 0.038814, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581292, 0.038214, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.588214, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587614, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.581292, 0.037614, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581292, 0.037015, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.587015, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586415, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.581292, 0.036415, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581292, 0.035816, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.585816, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585216, 0.031292, -0.019300, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.581292, 0.035216, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581292, 0.034616, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.584616, 0.031292, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.584017, 0.031292, -0.019300, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.581292, 0.034017, -0.019300, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581292, 0.033417, -0.019300, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)


```
    movel(p[-0.583417, 0.031292, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.582817, 0.031292, -0.019300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.032817, -0.019300, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.581292, 0.032218, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.582218, 0.031292, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.581618, 0.031292, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.031618, -0.019300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581292, 0.031618, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.019000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.044146, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.585854, 0.048964, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.019000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.019000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060
```

```
set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.019000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.044319, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585681, 0.049383, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.019000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.044484, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585516, 0.049780, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599611, 0.049417, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.586191, 0.048708, -0.019000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.020

set_standard_digital_out(5, 2.000)

movel(p[-0.581292, 0.043809, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.581292, 0.043205, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.586795, 0.048708, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587399, 0.048708, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.042601, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.041997, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.588003, 0.048708, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588608, 0.048708, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.041392, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.040788, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.589212, 0.048708, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589816, 0.048708, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.040184, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.039580, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.590420, 0.048708, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591025, 0.048708, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.038975, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.038371, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.591629, 0.048708, -0.019000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592233, 0.048708, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

move(p[-0.581292, 0.037767, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.581292, 0.037163, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.592837, 0.048708, -0.019000, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.593441, 0.048708, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.581292, 0.036559, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.581292, 0.035954, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.594046, 0.048708, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.594650, 0.048708, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.581292, 0.035350, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.581292, 0.034746, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.595254, 0.048708, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.595858, 0.048708, -0.019000, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.581292, 0.034142, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.581292, 0.033537, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.596463, 0.048708, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.597067, 0.048708, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.581292, 0.032933, -0.019000, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.581292, 0.032329, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.597671, 0.048708, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598275, 0.048708, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.581292, 0.031725, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.581292, 0.031292, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.581464, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.048536, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.047932, -0.019000, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.582068, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.582672, 0.031292, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.047328, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.046724, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.583276, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.583881, 0.031292, -0.019000, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.046119, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.045515, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.584485, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.585089, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.044911, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.044307, -0.019000, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.585693, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.586297, 0.031292, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.043703, -0.019000, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.043098, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.586902, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.587506, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.042494, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.041890, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.588110, 0.031292, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.588714, 0.031292, -0.019000, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.041286, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.040681, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.589319, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.589923, 0.031292, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.040077, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.039473, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.590527, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.591131, 0.031292, -0.019000, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.038869, -0.019000, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.038265, -0.019000, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

movel(p[-0.591735, 0.031292, -0.019000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.592340, 0.031292, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.037660, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.037056, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.592944, 0.031292, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.593548, 0.031292, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.036452, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.035848, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.594152, 0.031292, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.594757, 0.031292, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.035243, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.034639, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.595361, 0.031292, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.595965, 0.031292, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.034035, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.033431, -0.019000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.596569, 0.031292, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.597173, 0.031292, -0.019000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.032827, -0.019000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

movel(p[-0.598708, 0.032222, -0.019000, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.597778, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.001)

movel(p[-0.598382, 0.031292, -0.019000, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.031618, -0.019000, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.031618, -0.018700, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.018700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.018700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.018700, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.043996, -0.018700, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586004, 0.048964, -0.018700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.018700, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.018700, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.018700, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.018700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)


```
    movel(p[-0.580617, 0.044169, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.585831, 0.049383, -0.018700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.018700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.018700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.044334, -0.018700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.585666, 0.049780, -0.018700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599612, 0.049417, -0.018700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.018700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.032592, -0.018700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598768, 0.039097, -0.018700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.581232, 0.034398, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.585701, 0.048231, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.587651, 0.031232, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581292, 0.039822, -0.018700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

movel(p[-0.589822, 0.031292, -0.018700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.598708, 0.031292, -0.018700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.583653, 0.046347, -0.018700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.586015, 0.048708, -0.018700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.590178, 0.048708, -0.018700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.598708, 0.040178, -0.018700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.045602, -0.018700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.040903, -0.018700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581232, 0.040903, -0.018400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

movel(p[-0.598964, 0.048964, -0.018400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.018400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.581036, 0.031036, -0.018400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.581036, 0.043846, -0.018400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.586154, 0.048964, -0.018400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

```
movel(p[-0.598904, 0.048964, -0.018400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.018400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.018400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.044019, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585981, 0.049383, -0.018400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.018400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.018400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.018400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.044184, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585816, 0.049780, -0.018400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.599613, 0.049417, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.018400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.018400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.018400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.018400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.585646, 0.048026, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.592349, 0.048768, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581292, 0.039822, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.018400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.583728, 0.046272, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586165, 0.048708, -0.018400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590178, 0.048708, -0.018400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.018400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.040903, -0.018400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581232, 0.040903, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

```
    movel(p[-0.598964, 0.048964, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.018100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.043696, -0.018100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586304, 0.048964, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.018100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.018100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.018100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.043869, -0.018100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586131, 0.049383, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.018100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)
```

```
    movel(p[-0.599780, 0.030220, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.044034, -0.018100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.585966, 0.049780, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599614, 0.049416, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.018100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.018100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.018100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```



```
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.585591, 0.047821, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.587651, 0.031232, -0.018100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581292, 0.039822, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.589822, 0.031292, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.583803, 0.046197, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.586315, 0.048708, -0.018100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.590178, 0.048708, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.040178, -0.018100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
```

```
  movel(p[-0.598768, 0.045602, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.581232, 0.040903, -0.018100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.581232, 0.040903, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  movel(p[-0.598964, 0.048964, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.598964, 0.031036, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.031036, -0.017800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.043546, -0.017800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.586454, 0.048964, -0.017800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598904, 0.048964, -0.017800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.599383, 0.049383, -0.017800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.599383, 0.030617, -0.017800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.030617, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.043719, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

movel(p[-0.586281, 0.049383, -0.017800, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.017800, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.017800, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.017800, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.017800, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.043884, -0.017800, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586116, 0.049780, -0.017800, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.017800, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599615, 0.049416, -0.017800, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.017800, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.017800, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.017800, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.017800, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.017800, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.017800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.017800, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.585536, 0.047616, -0.017800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.017800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.587651, 0.031232, -0.017800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581292, 0.039822, -0.017800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.589822, 0.031292, -0.017800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

```
    movel(p[-0.598708, 0.031292, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.583878, 0.046122, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586465, 0.048708, -0.017800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590178, 0.048708, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.017800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.040903, -0.017800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581232, 0.040903, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.017500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.017500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.043396, -0.017500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586604, 0.048964, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.017500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.017500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.017500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.043569, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586431, 0.049383, -0.017500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.017500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.043734, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586266, 0.049780, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599616, 0.049415, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.594156, 0.031232, -0.017500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.594302, 0.031395, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.032592, -0.017500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598768, 0.039097, -0.017500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.581232, 0.034398, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.585481, 0.047411, -0.017500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
  movel(p[-0.587651, 0.031232, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.581292, 0.039822, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.589822, 0.031292, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598708, 0.031292, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.583953, 0.046047, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.586615, 0.048708, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.590178, 0.048708, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598708, 0.040178, -0.017500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.598768, 0.045602, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.581232, 0.040903, -0.017500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.581232, 0.040903, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  movel(p[-0.598964, 0.048964, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)
```



```
    movel(p[-0.598964, 0.031036, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.017200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.043246, -0.017200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586754, 0.048964, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.017200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.017200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.017200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.043419, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586581, 0.049383, -0.017200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.017200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.017200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.580220, 0.043584, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586416, 0.049780, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599616, 0.049415, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.017200, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.017200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.017200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.017200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.017200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.585426, 0.047206, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.587651, 0.031232, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581292, 0.039822, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.589822, 0.031292, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.584028, 0.045972, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.586765, 0.048708, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.590178, 0.048708, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.040178, -0.017200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598768, 0.045602, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.581232, 0.040903, -0.017200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581232, 0.040903, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.016900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.043096, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586904, 0.048964, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.043269, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586731, 0.049383, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.016900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.016900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.043434, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586566, 0.049780, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599617, 0.049415, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.016900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.598768, 0.039097, -0.016900, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.581232, 0.034398, -0.016900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.581395, 0.032163, -0.016900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.001)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.585371, 0.047001, -0.016900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.592349, 0.048768, -0.016900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.587651, 0.031232, -0.016900, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.581292, 0.039822, -0.016900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.589822, 0.031292, -0.016900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.598708, 0.031292, -0.016900, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.584103, 0.045897, -0.016900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.586915, 0.048708, -0.016900, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.590178, 0.048708, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.016900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.040903, -0.016900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581232, 0.040903, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.016600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.016600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.016600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.042946, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587054, 0.048964, -0.016600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.016600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.016600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)
```

move(p[-0.599383, 0.030617, -0.016600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580617, 0.030617, -0.016600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580617, 0.043119, -0.016600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.586881, 0.049383, -0.016600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.599323, 0.049383, -0.016600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

move(p[-0.599780, 0.049780, -0.016600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

move(p[-0.599780, 0.030220, -0.016600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580220, 0.030220, -0.016600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580220, 0.043284, -0.016600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.586716, 0.049780, -0.016600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.599720, 0.049780, -0.016600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

move(p[-0.599618, 0.049414, -0.016600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598605, 0.047837, -0.016600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

move(p[-0.594156, 0.031232, -0.016600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130


```
set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.016600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.016600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.585316, 0.046797, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581232, 0.040903, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.016600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590178, 0.048708, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.587065, 0.048708, -0.016600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.584178, 0.045822, -0.016600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581292, 0.039822, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.587651, 0.031232, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.592349, 0.048768, -0.016600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598964, 0.048964, -0.016300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.598964, 0.031036, -0.016300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.031036, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.042796, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.587204, 0.048964, -0.016300, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.016300, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.016300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.042969, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587031, 0.049383, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.043134, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586866, 0.049780, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599619, 0.049414, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.016300, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.585261, 0.046592, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.581232, 0.040903, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.045602, -0.016300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598708, 0.040178, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.590178, 0.048708, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587215, 0.048708, -0.016300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.584253, 0.045747, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589822, 0.031292, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.039822, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.016300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.016300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

```
    movel(p[-0.598964, 0.048964, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.042646, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587354, 0.048964, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.042819, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587181, 0.049383, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)
```

```
    movel(p[-0.599780, 0.030220, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.042984, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587016, 0.049780, -0.016000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599620, 0.049413, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.016000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.016000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.016000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.585206, 0.046387, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581232, 0.040903, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.045602, -0.016000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598708, 0.040178, -0.016000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590178, 0.048708, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.587365, 0.048708, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.584328, 0.045672, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.016000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581292, 0.039822, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
```



```
  movel(p[-0.587651, 0.031232, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.592349, 0.048768, -0.016000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.592349, 0.048768, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  movel(p[-0.598964, 0.048964, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.598964, 0.031036, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.031036, -0.015700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.042496, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.587504, 0.048964, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598904, 0.048964, -0.015700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.599383, 0.049383, -0.015700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.599383, 0.030617, -0.015700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.030617, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.042669, -0.015700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.587331, 0.049383, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.015700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.015700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.042834, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587166, 0.049780, -0.015700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599621, 0.049413, -0.015700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.015700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.015700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)
```

movel(p[-0.598768, 0.032592, -0.015700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.015700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.015700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.015700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.585152, 0.046182, -0.015700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581232, 0.040903, -0.015700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.015700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.015700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.590178, 0.048708, -0.015700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.587515, 0.048708, -0.015700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.584403, 0.045597, -0.015700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589822, 0.031292, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581292, 0.039822, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.587651, 0.031232, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.592349, 0.048768, -0.015700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.015400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.015400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.042346, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587654, 0.048964, -0.015400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.042519, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587481, 0.049383, -0.015400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.042684, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587316, 0.049780, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599621, 0.049413, -0.015400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.594156, 0.031232, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.594302, 0.031395, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.032592, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598768, 0.039097, -0.015400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.581232, 0.034398, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.585097, 0.045977, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581232, 0.040903, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.598768, 0.045602, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.015400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.590178, 0.048708, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587665, 0.048708, -0.015400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.584478, 0.045522, -0.015400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.015400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589822, 0.031292, -0.015400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581292, 0.039822, -0.015400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.587651, 0.031232, -0.015400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.592349, 0.048768, -0.015400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.015100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)
```

```
    movel(p[-0.598964, 0.031036, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.042196, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587804, 0.048964, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.015100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.015100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.042369, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587631, 0.049383, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```



```
    movel(p[-0.580220, 0.042534, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587466, 0.049780, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599622, 0.049412, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.015100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.585042, 0.045772, -0.015100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581232, 0.040903, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.045602, -0.015100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598708, 0.040178, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590178, 0.048708, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.587815, 0.048708, -0.015100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)
movel(p[-0.584553, 0.045447, -0.015100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581292, 0.039822, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.587651, 0.031232, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.592349, 0.048768, -0.015100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.014800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.014800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.042046, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587954, 0.048964, -0.014800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.014800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.014800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.014800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.042219, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587781, 0.049383, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.014800, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.042384, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587616, 0.049780, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599623, 0.049412, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.014800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.014800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.598768, 0.039097, -0.014800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.014800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.584987, 0.045567, -0.014800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581232, 0.040903, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.014800, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.590178, 0.048708, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587965, 0.048708, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

movel(p[-0.584628, 0.045372, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.014800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.589822, 0.031292, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.039822, -0.014800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.014800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.014500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.014500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.041896, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588104, 0.048964, -0.014500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.014500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.014500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)
```

move(p[-0.599383, 0.030617, -0.014500, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580617, 0.030617, -0.014500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580617, 0.042069, -0.014500, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.587931, 0.049383, -0.014500, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.599323, 0.049383, -0.014500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

move(p[-0.599780, 0.049780, -0.014500, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

move(p[-0.599780, 0.030220, -0.014500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580220, 0.030220, -0.014500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580220, 0.042234, -0.014500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.587766, 0.049780, -0.014500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.599720, 0.049780, -0.014500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

move(p[-0.599624, 0.049412, -0.014500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598605, 0.047837, -0.014500, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

move(p[-0.594156, 0.031232, -0.014500, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

```
set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.014500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.014500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.014500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.584932, 0.045362, -0.014500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581232, 0.040903, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.014500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```



```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590178, 0.048708, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.588115, 0.048708, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
movel(p[-0.584703, 0.045297, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581292, 0.039822, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.587651, 0.031232, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.592349, 0.048768, -0.014500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598964, 0.048964, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.598964, 0.031036, -0.014200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.031036, -0.014200, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.041746, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.588254, 0.048964, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.014200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.041919, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588081, 0.049383, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.042084, -0.014200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587916, 0.049780, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599625, 0.049411, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.584877, 0.045157, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
  movel(p[-0.581232, 0.040903, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.598768, 0.045602, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.598708, 0.040178, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.590178, 0.048708, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.588265, 0.048708, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

  movel(p[-0.584778, 0.045222, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598708, 0.031292, -0.014200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.589822, 0.031292, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581292, 0.039822, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.587651, 0.031232, -0.014200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.592349, 0.048768, -0.014200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.592349, 0.048768, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

```
    movel(p[-0.598964, 0.048964, -0.013900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.041596, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588404, 0.048964, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.041769, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588231, 0.049383, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)
```

```
    movel(p[-0.599780, 0.030220, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.041934, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588066, 0.049780, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599626, 0.049411, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.013900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.013900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.013900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.584822, 0.044952, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581232, 0.040903, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.045602, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598708, 0.040178, -0.013900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590178, 0.048708, -0.013900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.588415, 0.048708, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
movel(p[-0.584853, 0.045147, -0.013900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581292, 0.039822, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.587651, 0.031232, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.013900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.013600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.013600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.013600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.041446, -0.013600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588554, 0.048964, -0.013600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.013600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.013600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.013600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.041619, -0.013600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```



```
    movel(p[-0.588381, 0.049383, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.013600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.013600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.041784, -0.013600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588216, 0.049780, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599626, 0.049411, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.013600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.013600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.598768, 0.032592, -0.013600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.598768, 0.039097, -0.013600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.581232, 0.034398, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.581395, 0.032163, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)
```

```
speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.584767, 0.044747, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.581232, 0.040903, -0.013600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.598768, 0.045602, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.598708, 0.040178, -0.013600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.590178, 0.048708, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

movel(p[-0.588565, 0.048708, -0.013600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

movel(p[-0.584928, 0.045072, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.598708, 0.031292, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.589822, 0.031292, -0.013600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.581292, 0.039822, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.587651, 0.031232, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.592349, 0.048768, -0.013600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.013300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

movel(p[-0.598964, 0.048964, -0.013300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.013300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.581036, 0.031036, -0.013300, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.581036, 0.041296, -0.013300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.588704, 0.048964, -0.013300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.598904, 0.048964, -0.013300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.013300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.013300, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.041469, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.588531, 0.049383, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.013300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.041634, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.588366, 0.049780, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599627, 0.049410, -0.013300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.594156, 0.031232, -0.013300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.594302, 0.031395, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.032592, -0.013300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598768, 0.039097, -0.013300, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.581232, 0.034398, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.584712, 0.044543, -0.013300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581232, 0.040903, -0.013300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.598768, 0.045602, -0.013300, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.598708, 0.040178, -0.013300, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.590178, 0.048708, -0.013300, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
movel(p[-0.588715, 0.048708, -0.013300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.001)
```

```
movel(p[-0.585003, 0.044997, -0.013300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
movel(p[-0.598708, 0.031292, -0.013300, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
movel(p[-0.589822, 0.031292, -0.013300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
movel(p[-0.581292, 0.039822, -0.013300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.587651, 0.031232, -0.013300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.592349, 0.048768, -0.013300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.592349, 0.048768, -0.013000, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.000)
```

```
movel(p[-0.598964, 0.048964, -0.013000, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.060
```

```
set_standard_digital_out(5, 6.000)
```

```
    movel(p[-0.598964, 0.031036, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.013000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.041146, -0.013000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588854, 0.048964, -0.013000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.013000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.013000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.013000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.041319, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588681, 0.049383, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.013000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.580220, 0.041484, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588516, 0.049780, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599628, 0.049410, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.013000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.013000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.013000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.013000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)
```



```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.584657, 0.044338, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581232, 0.040903, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.045602, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598708, 0.040178, -0.013000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590178, 0.048708, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.588865, 0.048708, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
movel(p[-0.585078, 0.044922, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581292, 0.039822, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.587651, 0.031232, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.592349, 0.048768, -0.013000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.012700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.040996, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589004, 0.048964, -0.012700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.012700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.012700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.012700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.041169, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.588831, 0.049383, -0.012700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.012700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.041334, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.588666, 0.049780, -0.012700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599629, 0.049410, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.012700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.012700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.598768, 0.039097, -0.012700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.584603, 0.044133, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581424, 0.040955, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.012700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.590178, 0.048708, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589015, 0.048708, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.585153, 0.044847, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.012700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.589822, 0.031292, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.039822, -0.012700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.012700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.012400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.012400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.012400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.040846, -0.012400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589154, 0.048964, -0.012400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.012400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.012400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)
```

```
    movel(p[-0.599383, 0.030617, -0.012400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.041019, -0.012400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588981, 0.049383, -0.012400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.012400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.041184, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588816, 0.049780, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599630, 0.049409, -0.012400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.012400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.012400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.012400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.584548, 0.043928, -0.012400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581629, 0.041009, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.012400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590178, 0.048708, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589165, 0.048708, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.585228, 0.044772, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.012400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581292, 0.039822, -0.012400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.587651, 0.031232, -0.012400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.592349, 0.048768, -0.012400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598964, 0.048964, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.598964, 0.031036, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.031036, -0.012100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.040696, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```



```
    movel(p[-0.589304, 0.048964, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.012100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.012100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.012100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.040869, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589131, 0.049383, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.012100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.012100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.041034, -0.012100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.588966, 0.049780, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599630, 0.049409, -0.012100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.012100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.012100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.012100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.584493, 0.043723, -0.012100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
  movel(p[-0.581834, 0.041064, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.598768, 0.045602, -0.012100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.598708, 0.040178, -0.012100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.590178, 0.048708, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.589315, 0.048708, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  movel(p[-0.585303, 0.044697, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598708, 0.031292, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.589822, 0.031292, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581292, 0.039822, -0.012100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.587651, 0.031232, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.592349, 0.048768, -0.012100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.592349, 0.048768, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

```
    movel(p[-0.598964, 0.048964, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.040546, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589454, 0.048964, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.040719, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589281, 0.049383, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.011800, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)
```

```
    movel(p[-0.599780, 0.030220, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.040884, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589116, 0.049780, -0.011800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599631, 0.049409, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.011800, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.011800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.584438, 0.043518, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.582039, 0.041119, -0.011800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.045602, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598708, 0.040178, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590178, 0.048708, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589465, 0.048708, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.585378, 0.044622, -0.011800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581292, 0.039822, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.587651, 0.031232, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.011800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.011500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.040396, -0.011500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589604, 0.048964, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.011500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.011500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.011500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.040569, -0.011500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.589431, 0.049383, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.011500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.011500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.040734, -0.011500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589266, 0.049780, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599632, 0.049408, -0.011500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.011500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)
```


movel(p[-0.598768, 0.032592, -0.011500, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.011500, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.011500, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.011500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.584383, 0.043313, -0.011500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.582244, 0.041174, -0.011500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.011500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.011500, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.590178, 0.048708, -0.011500, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

```
    movel(p[-0.589615, 0.048708, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.585453, 0.044547, -0.011500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.011500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589822, 0.031292, -0.011500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.039822, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.011500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.011200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.040246, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589754, 0.048964, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.011200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.011200, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.011200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.040419, -0.011200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589581, 0.049383, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.011200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.011200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.040584, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589416, 0.049780, -0.011200, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599633, 0.049408, -0.011200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.594156, 0.031232, -0.011200, -0.000000, 3.141593, -
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.594302, 0.031395, -0.011200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, 0.000)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.032592, -0.011200, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598768, 0.039097, -0.011200, -0.000000, 3.141593, -
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.581232, 0.034398, -0.011200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.011200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, 0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.584328, 0.043108, -0.011200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.582449, 0.041229, -0.011200, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.598768, 0.045602, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598708, 0.040178, -0.011200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.590178, 0.048708, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589765, 0.048708, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.585528, 0.044472, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589822, 0.031292, -0.011200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.039822, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.011200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)
```

```
    movel(p[-0.598964, 0.031036, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.040096, -0.010900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589904, 0.048964, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.010900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.040269, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589731, 0.049383, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.010900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.010900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.010900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.580220, 0.040434, -0.010900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589566, 0.049780, -0.010900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.010900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599633, 0.049408, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.010900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.584273, 0.042903, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.582654, 0.041284, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.045602, -0.010900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598708, 0.040178, -0.010900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590178, 0.048708, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589915, 0.048708, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.585603, 0.044397, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581292, 0.039822, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.587651, 0.031232, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```



```
movel(p[-0.592349, 0.048768, -0.010900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.010600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.039946, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590054, 0.048964, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.010600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.010600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.010600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.040119, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589881, 0.049383, -0.010600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.010600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.040284, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589716, 0.049780, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599634, 0.049407, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.010600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.010600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

movel(p[-0.598768, 0.039097, -0.010600, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.010600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.010600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.584218, 0.042698, -0.010600, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.582859, 0.041339, -0.010600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.010600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.010600, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.590178, 0.048708, -0.010600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590065, 0.048708, -0.010600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.585678, 0.044322, -0.010600, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.010600, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

```
    movel(p[-0.589822, 0.031292, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.039822, -0.010600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.010600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.010300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.039796, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590204, 0.048964, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.010300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.010300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)
```

move(p[-0.599383, 0.030617, -0.010300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580617, 0.030617, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580617, 0.039969, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.590031, 0.049383, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.599323, 0.049383, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

move(p[-0.599780, 0.049780, -0.010300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

move(p[-0.599780, 0.030220, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580220, 0.030220, -0.010300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.580220, 0.040134, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.589866, 0.049780, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.599720, 0.049780, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

move(p[-0.599635, 0.049407, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598605, 0.047837, -0.010300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

move(p[-0.594156, 0.031232, -0.010300, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

```
set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.010300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.010300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.584163, 0.042494, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.583064, 0.041394, -0.010300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.010300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590196, 0.048689, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.585753, 0.044247, -0.010300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581311, 0.039804, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.587651, 0.031232, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.592349, 0.048768, -0.010300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598964, 0.048964, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.598964, 0.031036, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.031036, -0.010000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.039646, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.590354, 0.048964, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.598904, 0.048964, -0.010000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.010000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.010000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.039819, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590181, 0.049383, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.010000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.039984, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590016, 0.049780, -0.010000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```



```
    movel(p[-0.599636, 0.049407, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.010000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.010000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.010000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.584108, 0.042289, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
  movel(p[-0.583268, 0.041449, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.598768, 0.045602, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.598708, 0.040178, -0.010000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.590271, 0.048614, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.585828, 0.044172, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598708, 0.031292, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.589822, 0.031292, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581386, 0.039729, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.587651, 0.031232, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.592349, 0.048768, -0.010000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.592349, 0.048768, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  movel(p[-0.598964, 0.048964, -0.009700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.598964, 0.031036, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.031036, -0.009700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.039496, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.590504, 0.048964, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598904, 0.048964, -0.009700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599383, 0.049383, -0.009700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.599383, 0.030617, -0.009700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.030617, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.039669, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.590331, 0.049383, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599323, 0.049383, -0.009700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599780, 0.049780, -0.009700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.030
set_standard_digital_out(5, 3.000)
movel(p[-0.599780, 0.030220, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.580220, 0.030220, -0.009700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.039834, -0.009700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590166, 0.049780, -0.009700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599637, 0.049407, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.009700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.009700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.009700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.581395, 0.032163, -0.009700, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,0.001)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)  
  
    movel(p[-0.584054, 0.042084, -0.009700, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)  
  
    movel(p[-0.583473, 0.041504, -0.009700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.000)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)  
  
    movel(p[-0.598768, 0.045602, -0.009700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)  
  
    movel(p[-0.598708, 0.040178, -0.009700, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)  
  
    movel(p[-0.590346, 0.048539, -0.009700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.585903, 0.044097, -0.009700, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.598708, 0.031292, -0.009700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.589822, 0.031292, -0.009700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.581461, 0.039654, -0.009700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)  
  
    movel(p[-0.587651, 0.031232, -0.009700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.592349, 0.048768, -0.009700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.009400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.009400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.009400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.039346, -0.009400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590654, 0.048964, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.009400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.009400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.009400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.039519, -0.009400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590481, 0.049383, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.009400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.039684, -0.009400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590316, 0.049780, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599637, 0.049406, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.009400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.009400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.009400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

movel(p[-0.598768, 0.039097, -0.009400, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.009400, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.009400, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.583999, 0.041879, -0.009400, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.583678, 0.041559, -0.009400, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.009400, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.009400, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.590421, 0.048464, -0.009400, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585978, 0.044022, -0.009400, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.009400, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589822, 0.031292, -0.009400, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)


```
  movel(p[-0.581536, 0.039579, -0.009400, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.130  
  
  set_standard_digital_out(5, 0.000)  
  
  movel(p[-0.587651, 0.031232, -0.009400, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.080  
  
  set_standard_digital_out(5, 8.000)  
  
  movel(p[-0.592349, 0.048768, -0.009400, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.130  
  
  set_standard_digital_out(5, 0.000)  
  
  movel(p[-0.592349, 0.048768, -0.009100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.000)  
  
  movel(p[-0.598964, 0.048964, -0.009100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.060  
  
  set_standard_digital_out(5, 6.000)  
  
  movel(p[-0.598964, 0.031036, -0.009100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  movel(p[-0.581036, 0.031036, -0.009100, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  movel(p[-0.581036, 0.039196, -0.009100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  movel(p[-0.590804, 0.048964, -0.009100, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  movel(p[-0.598904, 0.048964, -0.009100, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.130  
  
  set_standard_digital_out(5, 0.000)  
  
  movel(p[-0.599383, 0.049383, -0.009100, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.000)  
  
  speed_ms = 0.060  
  
  set_standard_digital_out(5, 6.000)  
  
  movel(p[-0.599383, 0.030617, -0.009100, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.580617, 0.030617, -0.009100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.039369, -0.009100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590631, 0.049383, -0.009100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.009100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.039534, -0.009100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590466, 0.049780, -0.009100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599638, 0.049406, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.009100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.009100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.594302, 0.031395, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.009100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.009100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.009100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.009100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.583944, 0.041674, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.583883, 0.041613, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.045602, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598708, 0.040178, -0.009100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)

movel(p[-0.590496, 0.048389, -0.009100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586053, 0.043947, -0.009100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.009100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589822, 0.031292, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581611, 0.039504, -0.009100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.587651, 0.031232, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.592349, 0.048768, -0.009100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.008800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.039046, -0.008800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590954, 0.048964, -0.008800, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.008800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599383, 0.049383, -0.008800, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, 0.000)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.599383, 0.030617, -0.008800, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.580617, 0.030617, -0.008800, 0.000000, 3.141593, -
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.580617, 0.039219, -0.008800, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.590781, 0.049383, -0.008800, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.599323, 0.049383, -0.008800, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599780, 0.049780, -0.008800, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, 0.000)
speed_ms = 0.030
set_standard_digital_out(5, 3.000)
movel(p[-0.599780, 0.030220, -0.008800, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.580220, 0.030220, -0.008800, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.580220, 0.039384, -0.008800, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.590616, 0.049780, -0.008800, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.599720, 0.049780, -0.008800, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599639, 0.049406, -0.008800, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, 0.000)
```

```
movel(p[-0.598605, 0.047837, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.008800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.008800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.008800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.008800, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.008800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.583889, 0.041469, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.584088, 0.041668, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.045602, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598708, 0.040178, -0.008800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.590571, 0.048314, -0.008800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586128, 0.043872, -0.008800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.589822, 0.031292, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581686, 0.039429, -0.008800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.587651, 0.031232, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.592349, 0.048768, -0.008800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)
```

movel(p[-0.598964, 0.031036, -0.008500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.008500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.038896, -0.008500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591104, 0.048964, -0.008500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.008500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.008500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.008500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.008500, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.039069, -0.008500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590931, 0.049383, -0.008500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.008500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.008500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.008500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.008500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)


```
    movel(p[-0.580220, 0.039234, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590766, 0.049780, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.008500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599640, 0.049405, -0.008500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.008500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.008500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.008500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.008500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.583834, 0.041264, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.584293, 0.041723, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.045602, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598708, 0.040178, -0.008500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590646, 0.048239, -0.008500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.586203, 0.043797, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.008500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581761, 0.039354, -0.008500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.587651, 0.031232, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.592349, 0.048768, -0.008500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.008200, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, 0.000)
movel(p[-0.598964, 0.048964, -0.008200, 0.000000, 3.141593, -
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.598964, 0.031036, -0.008200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.581036, 0.031036, -0.008200, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.581036, 0.038746, -0.008200, -0.000000, 3.141593, -
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.591254, 0.048964, -0.008200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.598904, 0.048964, -0.008200, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599383, 0.049383, -0.008200, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, 0.000)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.599383, 0.030617, -0.008200, -0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.580617, 0.030617, -0.008200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.580617, 0.038919, -0.008200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.591081, 0.049383, -0.008200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
movel(p[-0.599323, 0.049383, -0.008200, 0.000000, 3.141593,
0.000000], accel_mss, speed_ms, 0, blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.599780, 0.049780, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.039084, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.590916, 0.049780, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599640, 0.049405, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.581232, 0.034398, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.583779, 0.041059, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.584498, 0.041778, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.045602, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598708, 0.040178, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.590721, 0.048164, -0.008200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.586278, 0.043722, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598708, 0.031292, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.589822, 0.031292, -0.008200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581836, 0.039279, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.587651, 0.031232, -0.008200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.592349, 0.048768, -0.008200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.592349, 0.048768, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598964, 0.048964, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.598964, 0.031036, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.031036, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.581036, 0.038596, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.591404, 0.048964, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.598904, 0.048964, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599383, 0.049383, -0.007900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.599383, 0.030617, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.030617, -0.007900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.580617, 0.038769, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591231, 0.049383, -0.007900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.038934, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591066, 0.049780, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599641, 0.049405, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.032592, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598768, 0.039097, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.581232, 0.034398, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.583724, 0.040854, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.584703, 0.041833, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.045602, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598708, 0.040178, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```



```
    movel(p[-0.590796, 0.048089, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586353, 0.043647, -0.007900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589822, 0.031292, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581911, 0.039204, -0.007900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.007900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.007900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.007600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.038446, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591554, 0.048964, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.038619, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591381, 0.049383, -0.007600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.007600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.038784, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591216, 0.049780, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599642, 0.049405, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.007600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)
```

```
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.594156, 0.031232, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.594302, 0.031395, -0.007600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.032592, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598768, 0.039097, -0.007600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.581232, 0.034398, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.581395, 0.032163, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.583669, 0.040649, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.584908, 0.041888, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.598768, 0.045602, -0.007600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598708, 0.040178, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.590871, 0.048014, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586428, 0.043572, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.589822, 0.031292, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581986, 0.039129, -0.007600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.592349, 0.048768, -0.007600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

movel(p[-0.581036, 0.031036, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.581036, 0.038296, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.591704, 0.048964, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.598904, 0.048964, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580617, 0.030617, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580617, 0.038469, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.591531, 0.049383, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.599323, 0.049383, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.030220, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.038634, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.591366, 0.049780, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.599720, 0.049780, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599642, 0.049404, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

movel(p[-0.598605, 0.047837, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.007300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.007300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

```
set_standard_digital_out(5, 8.000)

movel(p[-0.583614, 0.040445, -0.007300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.582061, 0.039054, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.589822, 0.031292, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.007300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586503, 0.043497, -0.007300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590946, 0.047939, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.040178, -0.007300, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.045602, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.585113, 0.041943, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592349, 0.048768, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.587651, 0.031232, -0.007300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.587651, 0.031232, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.007000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.038146, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591854, 0.048964, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598904, 0.048964, -0.007000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.038319, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591681, 0.049383, -0.007000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```



```
speed_ms = 0.030
set_standard_digital_out(5, 3.000)
movel(p[-0.599780, 0.030220, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.030220, -0.007000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.038484, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.591516, 0.049780, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599720, 0.049780, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599643, 0.049404, -0.007000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598605, 0.047837, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.594156, 0.031232, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.594302, 0.031395, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
movel(p[-0.598768, 0.032592, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.598768, 0.039097, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.581232, 0.034398, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.583559, 0.040240, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.582136, 0.038979, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.589822, 0.031292, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586578, 0.043422, -0.007000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591021, 0.047864, -0.007000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.040178, -0.007000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.045602, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.585318, 0.041998, -0.007000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
  movel(p[-0.592349, 0.048768, -0.007000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.587651, 0.031232, -0.007000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.587651, 0.031232, -0.006700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  movel(p[-0.598964, 0.048964, -0.006700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.598964, 0.031036, -0.006700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.031036, -0.006700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.037996, -0.006700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.592004, 0.048964, -0.006700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598904, 0.048964, -0.006700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.599383, 0.049383, -0.006700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.599383, 0.030617, -0.006700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.030617, -0.006700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.038169, -0.006700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

movel(p[-0.591831, 0.049383, -0.006700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.599323, 0.049383, -0.006700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.006700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.006700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.030220, -0.006700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.038334, -0.006700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.591666, 0.049780, -0.006700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.599720, 0.049780, -0.006700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599644, 0.049404, -0.006700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

movel(p[-0.598605, 0.047837, -0.006700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.006700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.006700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

```
movel(p[-0.598768, 0.032592, -0.006700, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.598768, 0.039097, -0.006700, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.581232, 0.034398, -0.006700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.581395, 0.032163, -0.006700, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,0.001)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.583504, 0.040035, -0.006700, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.582211, 0.038904, -0.006700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.001)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.589822, 0.031292, -0.006700, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.598708, 0.031292, -0.006700, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.586653, 0.043347, -0.006700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.591096, 0.047789, -0.006700, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.598708, 0.040178, -0.006700, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.598768, 0.045602, -0.006700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.585522, 0.042053, -0.006700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592349, 0.048768, -0.006700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.006700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.006400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.037846, -0.006400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592154, 0.048964, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.006400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.006400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

```
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.599383, 0.030617, -0.006400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.030617, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.038019, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.591981, 0.049383, -0.006400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599323, 0.049383, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599780, 0.049780, -0.006400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.030
set_standard_digital_out(5, 3.000)
movel(p[-0.599780, 0.030220, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.030220, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.038184, -0.006400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.591816, 0.049780, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599720, 0.049780, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599645, 0.049404, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598605, 0.047837, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.594156, 0.031232, -0.006400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.006400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.006400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.006400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.583450, 0.039830, -0.006400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.582286, 0.038829, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```


movel(p[-0.598708, 0.031292, -0.006400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586728, 0.043272, -0.006400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591171, 0.047714, -0.006400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.040178, -0.006400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.045602, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.585727, 0.042108, -0.006400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.592335, 0.048716, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.587651, 0.031232, -0.006400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.587651, 0.031232, -0.006100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598964, 0.048964, -0.006100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598964, 0.031036, -0.006100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.031036, -0.006100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581036, 0.037696, -0.006100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.592304, 0.048964, -0.006100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.598904, 0.048964, -0.006100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.006100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.006100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580617, 0.030617, -0.006100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580617, 0.037869, -0.006100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.592131, 0.049383, -0.006100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.599323, 0.049383, -0.006100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.006100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.006100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.030220, -0.006100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.038034, -0.006100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.591966, 0.049780, -0.006100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

```
    movel(p[-0.599720, 0.049780, -0.006100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599645, 0.049403, -0.006100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.006100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.006100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.006100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.006100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.006100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.006100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.006100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.583395, 0.039625, -0.006100, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)  
  
    movel(p[-0.582361, 0.038754, -0.006100, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.001)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)  
  
    movel(p[-0.589822, 0.031292, -0.006100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.598708, 0.031292, -0.006100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.586803, 0.043197, -0.006100, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.591246, 0.047639, -0.006100, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.598708, 0.040178, -0.006100, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)  
  
    movel(p[-0.598768, 0.045602, -0.006100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)  
  
    movel(p[-0.585932, 0.042162, -0.006100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)  
  
    movel(p[-0.592280, 0.048511, -0.006100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)  
  
    movel(p[-0.587651, 0.031232, -0.006100, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.587651, 0.031232, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.037546, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592454, 0.048964, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.037719, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592281, 0.049383, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030
```

```
set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.037884, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.592116, 0.049780, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599646, 0.049403, -0.005800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.005800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.581232, 0.034398, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.583340, 0.039420, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.582436, 0.038679, -0.005800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.005800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586878, 0.043122, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591321, 0.047564, -0.005800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.005800, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.586137, 0.042217, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.592226, 0.048306, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.005800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.037396, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592604, 0.048964, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.005500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.037569, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```



```
    movel(p[-0.592431, 0.049383, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.005500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.037734, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592266, 0.049780, -0.005500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599647, 0.049403, -0.005500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.598768, 0.032592, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.005500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.583285, 0.039215, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.582511, 0.038604, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.005500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.005500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.586953, 0.043047, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591396, 0.047489, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.005500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
  movel(p[-0.598768, 0.045602, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.586342, 0.042272, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.592171, 0.048101, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.587651, 0.031232, -0.005500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.587651, 0.031232, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  movel(p[-0.598964, 0.048964, -0.005200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.598964, 0.031036, -0.005200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.031036, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.037246, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.592754, 0.048964, -0.005200, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598904, 0.048964, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.599383, 0.049383, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

```
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.599383, 0.030617, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.030617, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.037419, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.592581, 0.049383, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599323, 0.049383, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599780, 0.049780, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.030
set_standard_digital_out(5, 3.000)
movel(p[-0.599780, 0.030220, -0.005200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.030220, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.037584, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.592416, 0.049780, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599720, 0.049780, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599647, 0.049403, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598605, 0.047837, -0.005200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

movel(p[-0.594156, 0.031232, -0.005200, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.005200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.583230, 0.039010, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.582586, 0.038529, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.589822, 0.031292, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

```
    movel(p[-0.598708, 0.031292, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587028, 0.042972, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591471, 0.047414, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.005200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.586547, 0.042327, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592116, 0.047896, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.005200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.004900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.581036, 0.037096, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592904, 0.048964, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.004900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.004900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.004900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.037269, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592731, 0.049383, -0.004900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.004900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.004900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.037434, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592566, 0.049780, -0.004900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
  movel(p[-0.599720, 0.049780, -0.004900, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.130  
  
  set_standard_digital_out(5, 0.000)  
  
  movel(p[-0.599648, 0.049402, -0.004900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.000)  
  
  movel(p[-0.598605, 0.047837, -0.004900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.001)  
  
  speed_ms = 0.080  
  
  set_standard_digital_out(5, 8.000)  
  
  movel(p[-0.594156, 0.031232, -0.004900, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.130  
  
  set_standard_digital_out(5, 0.000)  
  
  movel(p[-0.594302, 0.031395, -0.004900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.000)  
  
  speed_ms = 0.080  
  
  set_standard_digital_out(5, 8.000)  
  
  movel(p[-0.598768, 0.032592, -0.004900, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.130  
  
  set_standard_digital_out(5, 0.000)  
  
  movel(p[-0.598768, 0.039097, -0.004900, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.080  
  
  set_standard_digital_out(5, 8.000)  
  
  movel(p[-0.581232, 0.034398, -0.004900, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
  speed_ms = 0.130  
  
  set_standard_digital_out(5, 0.000)  
  
  movel(p[-0.581395, 0.032163, -0.004900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.001)  
  
  speed_ms = 0.080  
  
  set_standard_digital_out(5, 8.000)
```



```
    movel(p[-0.583175, 0.038805, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.582661, 0.038454, -0.004900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.004900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587103, 0.042897, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591546, 0.047339, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.004900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.586752, 0.042382, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.592061, 0.047691, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.004900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.587651, 0.031232, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.004600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.036946, -0.004600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593054, 0.048964, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.004600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.004600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.004600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.037119, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592881, 0.049383, -0.004600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.004600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030
```

```
set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.004600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.004600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.037284, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.592716, 0.049780, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.004600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599649, 0.049402, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.004600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.004600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.004600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.581232, 0.034398, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.004600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.583120, 0.038600, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.582736, 0.038379, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587178, 0.042822, -0.004600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591621, 0.047264, -0.004600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.004600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.586957, 0.042437, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
  movel(p[-0.592006, 0.047486, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.587651, 0.031232, -0.004600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.587651, 0.031232, -0.004300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  movel(p[-0.598964, 0.048964, -0.004300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.598964, 0.031036, -0.004300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.031036, -0.004300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.581036, 0.036796, -0.004300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.593204, 0.048964, -0.004300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598904, 0.048964, -0.004300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.599383, 0.049383, -0.004300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.599383, 0.030617, -0.004300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.030617, -0.004300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.036969, -0.004300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

movel(p[-0.593031, 0.049383, -0.004300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.599323, 0.049383, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.004300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.030220, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.037134, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.592866, 0.049780, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.599720, 0.049780, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599650, 0.049402, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

movel(p[-0.598605, 0.047837, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.004300, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

```
movel(p[-0.598768, 0.032592, -0.004300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.598768, 0.039097, -0.004300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.581232, 0.034398, -0.004300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.581395, 0.032163, -0.004300, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.001)
```

```
speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.583065, 0.038395, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.582811, 0.038304, -0.004300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)
```

```
speed_ms = 0.080
```

```
set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.589822, 0.031292, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
movel(p[-0.598708, 0.031292, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
movel(p[-0.587253, 0.042747, -0.004300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
movel(p[-0.591696, 0.047189, -0.004300, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
movel(p[-0.598708, 0.040178, -0.004300, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)
```

```
speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)
```

```
movel(p[-0.598768, 0.045602, -0.004300, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.587162, 0.042492, -0.004300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.591951, 0.047281, -0.004300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.587651, 0.031232, -0.004300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.587651, 0.031232, -0.004000, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,0.000)  
  
movel(p[-0.598964, 0.048964, -0.004000, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.060  
  
set_standard_digital_out(5, 6.000)  
  
movel(p[-0.598964, 0.031036, -0.004000, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.581036, 0.031036, -0.004000, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.581036, 0.036646, -0.004000, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.593354, 0.048964, -0.004000, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.598904, 0.048964, -0.004000, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.599383, 0.049383, -0.004000, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.000)
```



```
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.599383, 0.030617, -0.004000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.030617, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.036819, -0.004000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.593181, 0.049383, -0.004000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599323, 0.049383, -0.004000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599780, 0.049780, -0.004000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.030
set_standard_digital_out(5, 3.000)
movel(p[-0.599780, 0.030220, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.030220, -0.004000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.036984, -0.004000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.593016, 0.049780, -0.004000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599720, 0.049780, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599650, 0.049402, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598605, 0.047837, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.594156, 0.031232, -0.004000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.004000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.004000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.004000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.583010, 0.038191, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.582886, 0.038229, -0.004000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.004000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.598708, 0.031292, -0.004000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587328, 0.042672, -0.004000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591771, 0.047114, -0.004000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.004000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587367, 0.042547, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.591896, 0.047076, -0.004000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.004000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.003700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

movel(p[-0.581036, 0.036496, -0.003700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.593504, 0.048964, -0.003700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.598904, 0.048964, -0.003700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.003700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.003700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580617, 0.030617, -0.003700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580617, 0.036669, -0.003700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.593331, 0.049383, -0.003700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.599323, 0.049383, -0.003700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.003700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.003700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.030220, -0.003700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.580220, 0.036834, -0.003700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.593166, 0.049780, -0.003700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

```
    movel(p[-0.599720, 0.049780, -0.003700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599651, 0.049401, -0.003700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.003700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.003700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.003700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.003700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.003700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.582955, 0.037986, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.582961, 0.038154, -0.003700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587403, 0.042597, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591846, 0.047039, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.003700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587571, 0.042602, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.591841, 0.046871, -0.003700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.003700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.587651, 0.031232, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.003400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.036346, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593654, 0.048964, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.003400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.003400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.003400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.036519, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593481, 0.049383, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.003400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030
```

```
set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.036684, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.593316, 0.049780, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599652, 0.049401, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.003400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.003400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.003400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)
```



```
    movel(p[-0.581232, 0.034398, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.582901, 0.037781, -0.003400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.583036, 0.038079, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587478, 0.042522, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.591921, 0.046964, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.003400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587776, 0.042657, -0.003400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.591786, 0.046667, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.003400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.036196, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593804, 0.048964, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.003100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.003100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.036369, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.593631, 0.049383, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.036534, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593466, 0.049780, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599652, 0.049401, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)
```

```
  movel(p[-0.598768, 0.032592, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.598768, 0.039097, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.581232, 0.034398, -0.003100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.581395, 0.032163, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.582846, 0.037576, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.583111, 0.038004, -0.003100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

  speed_ms = 0.080

  set_standard_digital_out(5, 8.000)

  movel(p[-0.589822, 0.031292, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598708, 0.031292, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.587553, 0.042447, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.591996, 0.046889, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598708, 0.040178, -0.003100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.598768, 0.045602, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587981, 0.042711, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.591731, 0.046462, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.003100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.036046, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593954, 0.048964, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
```

```
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.599383, 0.030617, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.030617, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.036219, -0.002800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.593781, 0.049383, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599323, 0.049383, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599780, 0.049780, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.030
set_standard_digital_out(5, 3.000)
movel(p[-0.599780, 0.030220, -0.002800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.030220, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.036384, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.593616, 0.049780, -0.002800, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599720, 0.049780, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599653, 0.049401, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598605, 0.047837, -0.002800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

movel(p[-0.594156, 0.031232, -0.002800, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.002800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.002800, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.002800, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.002800, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.002800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.582791, 0.037371, -0.002800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.583186, 0.037929, -0.002800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.589822, 0.031292, -0.002800, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

```
    movel(p[-0.598708, 0.031292, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587628, 0.042372, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592071, 0.046814, -0.002800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.002800, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.588186, 0.042766, -0.002800, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.591676, 0.046257, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.002800, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.002500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.002500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.002500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```



```
    movel(p[-0.581036, 0.035896, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.594104, 0.048964, -0.002500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.002500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.002500, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.002500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.036069, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593931, 0.049383, -0.002500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.002500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.036234, -0.002500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.593766, 0.049780, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

movel(p[-0.599720, 0.049780, -0.002500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599654, 0.049401, -0.002500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.002500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.002500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.002500, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.002500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.002500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.002500, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.002500, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

```
    movel(p[-0.582736, 0.037166, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.583261, 0.037854, -0.002500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587703, 0.042297, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592146, 0.046739, -0.002500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.002500, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.588391, 0.042821, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.591622, 0.046052, -0.002500, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.002500, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.587651, 0.031232, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.002200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.035746, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.594254, 0.048964, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.002200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.002200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.002200, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.035919, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.594081, 0.049383, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.002200, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030
```

```
set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.002200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.036084, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.593916, 0.049780, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599654, 0.049400, -0.002200, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.002200, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.002200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.002200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.002200, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)
```

```
    movel(p[-0.581232, 0.034398, -0.002200, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)  
  
    movel(p[-0.581395, 0.032163, -0.002200, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.001)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)  
  
    movel(p[-0.582681, 0.036961, -0.002200, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)  
  
    movel(p[-0.583336, 0.037779, -0.002200, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.000)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)  
  
    movel(p[-0.589822, 0.031292, -0.002200, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.598708, 0.031292, -0.002200, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.587778, 0.042222, -0.002200, -0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.592221, 0.046664, -0.002200, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    movel(p[-0.598708, 0.040178, -0.002200, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)  
  
    movel(p[-0.598768, 0.045602, -0.002200, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.080  
  
    set_standard_digital_out(5, 8.000)  
  
    movel(p[-0.588596, 0.042876, -0.002200, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
    speed_ms = 0.130  
  
    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.591567, 0.045847, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.002200, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.001900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.001900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.035596, -0.001900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.594404, 0.048964, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.001900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.001900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.001900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.001900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.035769, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.594231, 0.049383, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.001900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.001900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030

    set_standard_digital_out(5, 3.000)

    movel(p[-0.599780, 0.030220, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.030220, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580220, 0.035934, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.594066, 0.049780, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599720, 0.049780, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599655, 0.049400, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.001900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)
```



```
    movel(p[-0.598768, 0.032592, -0.001900, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.001900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.001900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.582626, 0.036756, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.583411, 0.037704, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589822, 0.031292, -0.001900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.031292, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587853, 0.042147, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592296, 0.046589, -0.001900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.001900, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.598768, 0.045602, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.588801, 0.042931, -0.001900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.591512, 0.045642, -0.001900, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.001900, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.001600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.035446, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.594554, 0.048964, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.001600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.001600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)
```

```
speed_ms = 0.060
set_standard_digital_out(5, 6.000)
movel(p[-0.599383, 0.030617, -0.001600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.030617, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580617, 0.035619, -0.001600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.594381, 0.049383, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599323, 0.049383, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599780, 0.049780, -0.001600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
speed_ms = 0.030
set_standard_digital_out(5, 3.000)
movel(p[-0.599780, 0.030220, -0.001600, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.030220, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.580220, 0.035784, -0.001600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.594216, 0.049780, -0.001600, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
movel(p[-0.599720, 0.049780, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
speed_ms = 0.130
set_standard_digital_out(5, 0.000)
movel(p[-0.599655, 0.049400, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)
movel(p[-0.598605, 0.047837, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)
speed_ms = 0.080
set_standard_digital_out(5, 8.000)
```

movel(p[-0.594156, 0.031232, -0.001600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.001600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.001600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.001600, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581232, 0.034398, -0.001600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.581395, 0.032163, -0.001600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.582571, 0.036551, -0.001600, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.583486, 0.037629, -0.001600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.589822, 0.031292, -0.001600, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

```
    movel(p[-0.598708, 0.031292, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.587928, 0.042072, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.592371, 0.046514, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.040178, -0.001600, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.045602, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.589006, 0.042986, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.591457, 0.045437, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.001600, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.001300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
  movel(p[-0.581036, 0.035296, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.594704, 0.048964, -0.001300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.598904, 0.048964, -0.001300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.599383, 0.049383, -0.001300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  speed_ms = 0.060

  set_standard_digital_out(5, 6.000)

  movel(p[-0.599383, 0.030617, -0.001300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.030617, -0.001300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580617, 0.035469, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.594531, 0.049383, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.599323, 0.049383, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  speed_ms = 0.130

  set_standard_digital_out(5, 0.000)

  movel(p[-0.599780, 0.049780, -0.001300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

  speed_ms = 0.030

  set_standard_digital_out(5, 3.000)

  movel(p[-0.599780, 0.030220, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580220, 0.030220, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.580220, 0.035634, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

  movel(p[-0.594366, 0.049780, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
    movel(p[-0.599720, 0.049780, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599656, 0.049400, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598605, 0.047837, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.594156, 0.031232, -0.001300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.594302, 0.031395, -0.001300, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.598768, 0.032592, -0.001300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598768, 0.039097, -0.001300, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.581232, 0.034398, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581395, 0.032163, -0.001300, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.582516, 0.036346, -0.001300, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.583561, 0.037554, -0.001300, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,0.001)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.589822, 0.031292, -0.001300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.598708, 0.031292, -0.001300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.588003, 0.041997, -0.001300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.592446, 0.046439, -0.001300, 0.000000, 3.141593, -  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
movel(p[-0.598708, 0.040178, -0.001300, -0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.598768, 0.045602, -0.001300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.589211, 0.043041, -0.001300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)  
  
movel(p[-0.591402, 0.045232, -0.001300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.080  
  
set_standard_digital_out(5, 8.000)  
  
movel(p[-0.587651, 0.031232, -0.001300, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)  
  
speed_ms = 0.130  
  
set_standard_digital_out(5, 0.000)
```



```
    movel(p[-0.587651, 0.031232, -0.001000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.035146, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.594854, 0.048964, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.001000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.035319, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.594681, 0.049383, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.001000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599780, 0.049780, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.030
```

```
set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.001000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.035484, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.594516, 0.049780, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.001000, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599657, 0.049399, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598605, 0.047837, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.594156, 0.031232, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.594302, 0.031395, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.598768, 0.032592, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.039097, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)
```

```
movel(p[-0.581232, 0.034398, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.582461, 0.036142, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.581395, 0.032163, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.583636, 0.037479, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.589822, 0.031292, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.031292, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.588078, 0.041922, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.592521, 0.046364, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.040178, -0.001000, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.598768, 0.045602, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.080

set_standard_digital_out(5, 8.000)

movel(p[-0.589416, 0.043096, -0.001000, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.591347, 0.045027, -0.001000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.080

    set_standard_digital_out(5, 8.000)

    movel(p[-0.587651, 0.031232, -0.001000, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.587651, 0.031232, -0.000700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.000700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.000700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.034996, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.595004, 0.048964, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.000700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.035169, -0.000700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

movel(p[-0.594831, 0.049383, -0.000700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.000700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.000700, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.000700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.000700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.035334, -0.000700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.594666, 0.049780, -0.000700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.000700, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599657, 0.049399, -0.000700, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598360, 0.048698, -0.000700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.598698, 0.048360, -0.000700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598698, 0.047717, -0.000700, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.597717, 0.048698, -0.000700, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.001)

movel(p[-0.597073, 0.048698, -0.000700, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

move(p[-0.598698, 0.047073, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.001)

move(p[-0.598698, 0.046429, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.596429, 0.048698, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.595785, 0.048698, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.045785, -0.000700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.045142, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.595142, 0.048698, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.595015, 0.048698, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.594757, 0.048440, -0.000700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.044498, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.043854, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.594435, 0.048118, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.594113, 0.047796, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.043211, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.042567, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.593791, 0.047474, -0.000700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.593469, 0.047152, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.041923, -0.000700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.041279, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.593147, 0.046830, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.592825, 0.046509, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.040636, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.039992, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.592504, 0.046187, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.592182, 0.045865, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.039348, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.038704, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.591860, 0.045543, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.591538, 0.045221, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.038061, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.037417, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.591216, 0.044899, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.590894, 0.044577, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.036773, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.036130, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.590572, 0.044256, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.590250, 0.043934, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.035486, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.034842, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.589929, 0.043612, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.589607, 0.043290, -0.000700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.034198, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.033555, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.589285, 0.042968, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.588963, 0.042646, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.032911, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.032267, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.588641, 0.042324, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.588319, 0.042003, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598698, 0.031623, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598698, 0.031302, -0.000700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598377, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.587997, 0.041681, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.587676, 0.041359, -0.000700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.597733, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.597089, 0.031302, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.587354, 0.041037, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.587032, 0.040715, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.596445, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.595802, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.586710, 0.040393, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.586388, 0.040071, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.595158, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.594514, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.586066, 0.039750, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.585744, 0.039428, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.593870, 0.031302, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.593227, 0.031302, -0.000700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.585423, 0.039106, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.585101, 0.038784, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.592583, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.591939, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.584779, 0.038462, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.584457, 0.038140, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.591296, 0.031302, -0.000700, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.590652, 0.031302, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.584135, 0.037818, -0.000700, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.583813, 0.037496, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.590008, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.589364, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.583491, 0.037175, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.583169, 0.036853, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.588721, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.588077, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.582848, 0.036531, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.582526, 0.036209, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.587433, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.586789, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.582204, 0.035887, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.581882, 0.035565, -0.000700, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.586146, 0.031302, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.585502, 0.031302, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.581560, 0.035243, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.581302, 0.034985, -0.000700, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.581302, 0.034858, -0.000700, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

```
    movel(p[-0.584858, 0.031302, -0.000700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.584215, 0.031302, -0.000700, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581302, 0.034215, -0.000700, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581302, 0.033571, -0.000700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.583571, 0.031302, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.582927, 0.031302, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581302, 0.032927, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.581302, 0.032283, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.582283, 0.031302, -0.000700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.581640, 0.031302, -0.000700, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581302, 0.031640, -0.000700, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581302, 0.031640, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598964, 0.048964, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.000400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.000400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.034846, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.595154, 0.048964, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
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```
movel(p[-0.598904, 0.048964, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599383, 0.049383, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.060

set_standard_digital_out(5, 6.000)

movel(p[-0.599383, 0.030617, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.030617, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580617, 0.035019, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.594981, 0.049383, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599323, 0.049383, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.000400, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.000400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.035184, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.594816, 0.049780, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)
```

```
    movel(p[-0.599658, 0.049399, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.595491, 0.048708, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.020

    set_standard_digital_out(5, 2.000)

    movel(p[-0.581292, 0.034509, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.033912, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.596088, 0.048708, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.596685, 0.048708, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.033315, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.032717, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.597283, 0.048708, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.597880, 0.048708, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.032120, -0.000400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.031523, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598477, 0.048708, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.048708, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.048342, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581658, 0.031292, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.582256, 0.031292, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.047744, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

move(p[-0.598708, 0.047147, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.582853, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.583450, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.046550, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.045952, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.584048, 0.031292, -0.000400, -0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.584645, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.045355, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.044758, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.585242, 0.031292, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.585839, 0.031292, -0.000400, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.044161, -0.000400, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.043563, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.586437, 0.031292, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.587034, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.042966, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.042369, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.587631, 0.031292, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.588228, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.041772, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.041174, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.588826, 0.031292, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.589423, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.040577, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.039980, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.590020, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.590617, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.039383, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.038785, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.591215, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.591812, 0.031292, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.038188, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.037591, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.592409, 0.031292, -0.000400, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.593007, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.036993, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.036396, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.593604, 0.031292, -0.000400, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

```
    movel(p[-0.594201, 0.031292, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.035799, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.035202, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.594798, 0.031292, -0.000400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.595396, 0.031292, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.034604, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.034007, -0.000400, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.595993, 0.031292, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.596590, 0.031292, -0.000400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.033410, -0.000400, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598708, 0.032813, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.597187, 0.031292, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.597785, 0.031292, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598708, 0.032215, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.598708, 0.031618, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.598382, 0.031292, -0.000400, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.598382, 0.031292, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.040
```



```
    movel(p[-0.598382, 0.031292, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.130

    movel(p[-0.598964, 0.048964, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.040

    movel(p[-0.598964, 0.048964, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.598964, 0.031036, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.031036, -0.000100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581036, 0.034696, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.595304, 0.048964, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.598904, 0.048964, -0.000100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130

    set_standard_digital_out(5, 0.000)

    movel(p[-0.599383, 0.049383, -0.000100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.060

    set_standard_digital_out(5, 6.000)

    movel(p[-0.599383, 0.030617, -0.000100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.030617, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.580617, 0.034869, -0.000100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.595131, 0.049383, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.599323, 0.049383, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    speed_ms = 0.130
```

```
set_standard_digital_out(5, 0.000)

movel(p[-0.599780, 0.049780, -0.000100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

speed_ms = 0.030

set_standard_digital_out(5, 3.000)

movel(p[-0.599780, 0.030220, -0.000100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.030220, -0.000100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.580220, 0.035034, -0.000100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.594966, 0.049780, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.599720, 0.049780, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

speed_ms = 0.130

set_standard_digital_out(5, 0.000)

movel(p[-0.599659, 0.049399, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598382, 0.048708, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

speed_ms = 0.015

set_standard_digital_out(5, 1.500)

movel(p[-0.598708, 0.048382, -0.000100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.047782, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.597782, 0.048708, -0.000100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

movel(p[-0.597183, 0.048708, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.047183, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.001)

movel(p[-0.598708, 0.046583, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.596583, 0.048708, -0.000100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

move(p[-0.595983, 0.048708, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.045983, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.045384, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.595384, 0.048708, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.595315, 0.048708, -0.000100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.595049, 0.048443, -0.000100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.044784, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.044184, -0.000100, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.594750, 0.048143, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.594450, 0.047843, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.043585, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.042985, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.594150, 0.047543, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.593850, 0.047243, -0.000100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.042386, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.041786, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.593550, 0.046943, -0.000100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.593250, 0.046644, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.041186, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

movel(p[-0.598708, 0.040587, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.592951, 0.046344, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.592651, 0.046044, -0.000100, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.039987, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.039387, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.592351, 0.045744, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.592051, 0.045444, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.038788, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.038188, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.591751, 0.045145, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591452, 0.044845, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.037588, -0.000100, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.036989, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.591152, 0.044545, -0.000100, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590852, 0.044245, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.598708, 0.036389, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.598708, 0.035789, -0.000100, -0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.590552, 0.043945, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590252, 0.043645, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

move(p[-0.598708, 0.035190, -0.000100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.034590, -0.000100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.589952, 0.043346, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.589653, 0.043046, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.033990, -0.000100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.033391, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.589353, 0.042746, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.589053, 0.042446, -0.000100, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.032791, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.032192, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.588753, 0.042146, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.588453, 0.041846, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598708, 0.031592, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.598708, 0.031292, -0.000100, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.598408, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.588154, 0.041547, -0.000100, 0.000000, 3.141593, -0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.587854, 0.041247, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

move(p[-0.597808, 0.031292, -0.000100, -0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, blend_radius_m)

move(p[-0.597209, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000], accel_mss, speed_ms, 0, 0.000)

movel(p[-0.587554, 0.040947, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587254, 0.040647, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.596609, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.596010, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.586954, 0.040347, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586654, 0.040048, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.595410, 0.031292, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.594810, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.586355, 0.039748, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586055, 0.039448, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.594211, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.593611, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.585755, 0.039148, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.585455, 0.038848, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.593011, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.592412, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.585155, 0.038548, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.584855, 0.038249, -0.000100, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.591812, 0.031292, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.591212, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.584556, 0.037949, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.584256, 0.037649, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.590613, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.590013, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.583956, 0.037349, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.583656, 0.037049, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.589413, 0.031292, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.588814, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.583356, 0.036750, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.583057, 0.036450, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.588214, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.587614, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.582757, 0.036150, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.582457, 0.035850, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.587015, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.586415, 0.031292, -0.000100, 0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

movel(p[-0.582157, 0.035550, -0.000100, 0.000000, 3.141593, -0.000000],accel_mss,speed_ms,0,blend_radius_m)

movel(p[-0.581857, 0.035250, -0.000100, -0.000000, 3.141593, 0.000000],accel_mss,speed_ms,0,0.000)

```
    movel(p[-0.585816, 0.031292, -0.000100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.585216, 0.031292, -0.000100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581557, 0.034951, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.034685, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.034616, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.584616, 0.031292, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.584017, 0.031292, -0.000100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.034017, -0.000100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.581292, 0.033417, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.583417, 0.031292, -0.000100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,blend_radius_m)

    movel(p[-0.582817, 0.031292, -0.000100, -0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.032817, -0.000100, -0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.581292, 0.032218, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.582218, 0.031292, -0.000100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.001)

    movel(p[-0.581618, 0.031292, -0.000100, 0.000000, 3.141593,
0.000000],accel_mss,speed_ms,0,0.000)

    movel(p[-0.581292, 0.031618, -0.000100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 0.040

    set_standard_digital_out(5, 0.000)

    movel(p[-0.581292, 0.031618, -0.000100, 0.000000, 3.141593, -
0.000000],accel_mss,speed_ms,0,0.000)

    speed_ms = 1.000
```



```
  movel(p[-0.581292, 0.031618, 0.099900, 0.000000, 3.141593,  
0.000000],accel_mss,speed_ms,0,blend_radius_m)
```

```
  # End of main program
```

```
end
```

```
P3D()
```