Grafo de cena Trabalho Realizado Por (GO6-08): - Bermardo Viegas 60311 - Pedro Fermandes 60694 Parâmetros: O = Rotação do helicoptero à volta do eixo y da cema M = Distancia do helicoptero ao eixo y da cema h = Altura do helicoptero relativo ao plano xz Y = Inclinação do helicoptero 9 = Rotação dos rotores do helicoptero Scene of Ry(0) | o T ([r,h,o]) ORX(Y) Decorations Helicopter Boxes Helicopter 4 Ry (90°) 0 S(56,28,28) 9 T(0,-24,0) 07(3,18,0) 9 T (40,6,0) 9 Ry(4) SPHERE Landing Skids Tail Boom MainRoton 0 7 (26,7,0) c τ(0,0,16) στ(0,0,-16) TailBoomlarge 0 Rx(-30°) 6 Rx(30°) 0 5(52,8,8) TailBoom Small Landing Skid Landing Skid SPHERE GR2(70°) βR2(-4) LandingSkid 95(15,8,8) SPHERE TailActors SK:d OB2(100) 65(50,2,2) o 2 (90°) 97 (-12,6,0) 97(12,6,0) SkidArm SkidArm 9T(0,0,6) 97(0,0,-6) CYLINDER 0 Rx (90°) 9 7x (-90°) SKidArm TailProtor TailRotor 05(2166,2) TailProtor CUBE GRy(00) GRy(120°) Tail Motor Handle 0.5(2,5,2)0 T(5,0,0) 0 T(5,0,0) MainRoton CYLINDER TailProtorBlade TailProtorBlade Tail Protor Blade OR,(0°) OR,(120°) ORy(240°) MainRotonMast T(25,0,0) OT(25,0,0) OT(25,0,0) 6 S (40,4,3) 5(3,(0,3) Main Roton Blade Main Roton Blade Main Roton Blade CYLINDER SPHERE MainRotonBlade 05(50,3,6) SPHERE i - No da caixa xi, yi, zi - Coordenadas da caixa i Boxes  $(\cdots)$ 0 T(xn,yn,zn) OT(x21 y2122) Box Box Box χ٥Δ \$ 5(20,20,20) CUBE Decorations T(0,25,0) Roads OT(200,0,200) OT(-250,100,200) OT(255,0,-255) OT(-250,50, Floor Ganden Building Parkinglot House CS(800,5,800) Eiffel Tower CUBE EiffelTower PR,(0°) PR,(40°) PR,(180°) PR,(270°) PT (6,250,0) OT(40,9-40) OT(40,9-40) OT(40,9-40) Eiffeltop

OS(15,40,15)

Felleg Eiffelleg Eiffelleg Eiffelleg Eiffelleg Eiffelleg CUBE Eiffelleg φT(- 44,52,44) ( T(-35,5,23,8) EiffelLegP1 Eiffelfloor 1 0 T(-24.5,23,2) 0 T(-12,106,12) EiffelLegP2 0 Pg (20°) PRZ(10°) Eiffelfoor 2 EiffelLegP3 0 5(30,15,15) 0 R x (20°) OS(15,60,15) CUBE 0 Rx(10°) 05(60,15,15) 0 Rz(50) (5°) 95(15,10,15) CUBE CUBE 0 5(15,160,15) CUBE CUBE Roads 6 Ay (90°) Roundabout Cars Road RoundaboutRoad RoundaboutGrass Roundaboutstripes (vários carros) O 5(300/8,300) Q 2(201,71200) Road CYLINDER CYLINDER Stripe Stripe Stripe Stripe 0 S(800,7,150) 0 T(-370,0,0) 0 T(-270,0,0) 0T(270,0,0)

CUBE

CUBE