



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	r_stuct_baseplate_mk3 b	BASE OF TOP STRUCTURE, PRIMARY ROTATIONAL SUPPORT	1
2	3d Cam	3D-PRINTED BASE OF CAM	1
3	s_struct_bearing_track	TRACK FOR BALL BEARINGS	1
4	MotorMount	MOUNTS MOTOR TO BEARING TRACK	1
5	BallBearing	SMALL METAL BALLS, ALLOWS TOP STRUCTURE TO ROTATE INDEPENDANTLY FROM BOTTOM STURCTURE	50
6	CamShelf	CAM ON WHICH FOLLOWER RODS SLIDE AS THEY ROTATE	1
7	HX-SHCS 0.138- 40x0.188x0.188-N	SOCKET HEAD CAP SCREW	2

1:2 SCALE EXPLODED VIEW

DRAWN	A.BUCHELE	3/30/2016
CHECKED	WIRESHUFFLE	3/30/2016
CAM, BASE STRUCTURE, AND BALL BEARING TRACK FOR FREE ROTATION		

 Olin College of Engineering			
TITLE S-Structure			
SIZE B	PART NO. ENGR2330-22	QTY 1	REV A
SCALE 1:4	DO NOT SCALE PRINT		SHEET 1 OF 1