

DRAWING NO. **ASY-5846** REVISION **REL-01**

PROJECT CODE: **LICK-51**

REQUIRED PER TELESCOPE: 1

MATERIAL: PER COMPONENT

CONDITION: PER COMPONENT

SURFACE FINISH: PER COMPONENT

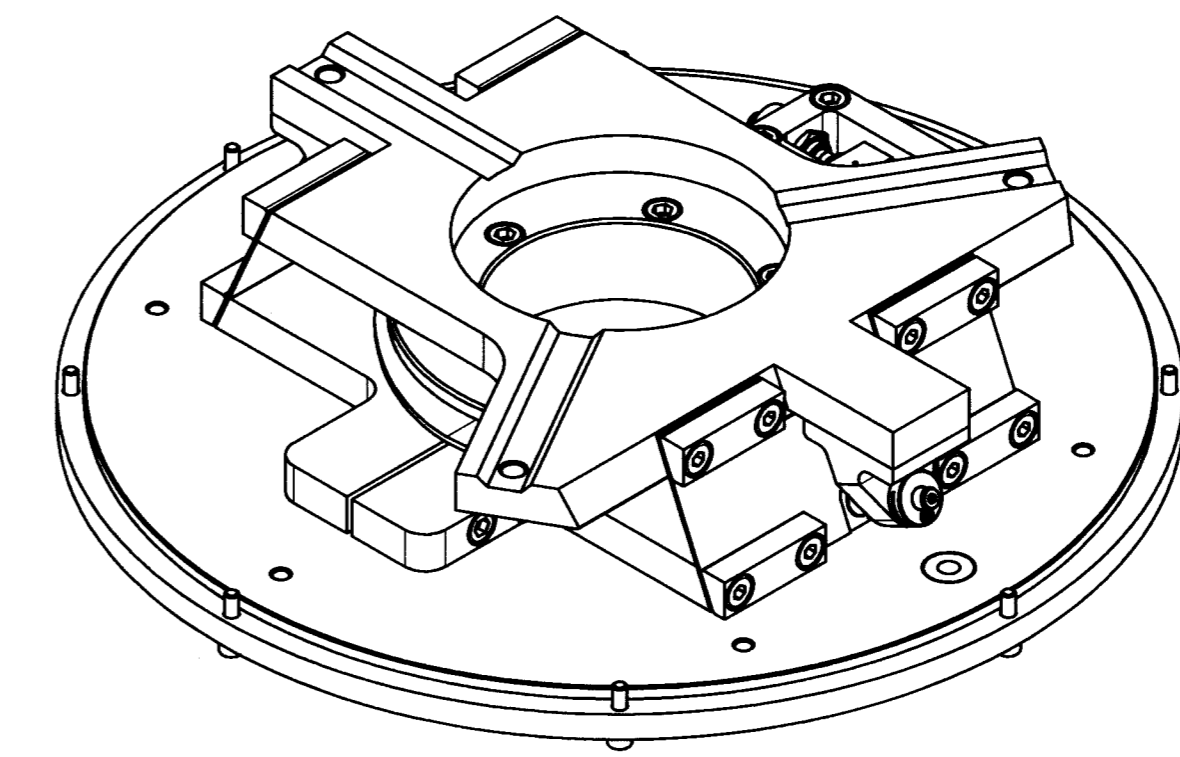
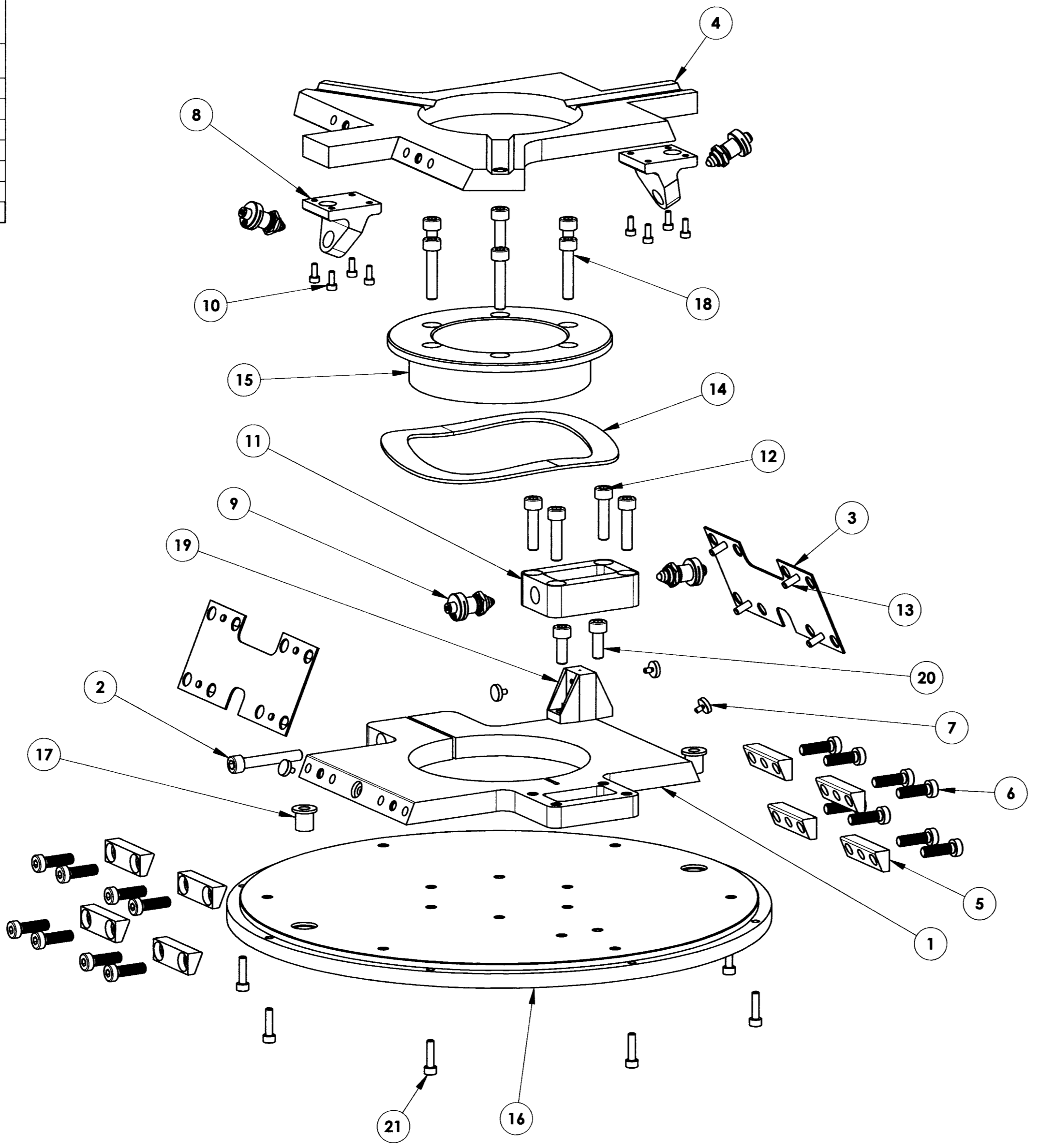
FINISH COLOR: PER COMPONENT

APPROXIMATE MASS: 13254 gm

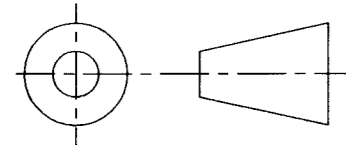
REFERENCE DOCUMENTS:

REV.	DATE	DESCRIPTION	CHKD	APPVD	ZONE
1	4/7/05	INITIAL RELEASE	ETM		

**Controlled Document**  
Confirm revision before using



ITEM NO.	Default/QT Y.	PART NUMBER	DESCRIPTION	Material	Weight
21	8	DIN 912 M4 x 16 --- 16N			
20	2	DIN 912 M6 x 16 --- 16C			
19	1	COM-5855	M3 ROT. ADJUSTMENT STRIKER BRACKET	1018 STEEL	67
18	6	DIN 912 M6 x 30 --- 30N			
17	2	McM 31335A51			
16	1	COM-5854	M3 FLEXURE/ROTATOR INTERFACE PLATE	1018 STEEL	7532
15	1	COM-5853	M3 FLEXURE PINTLE	1018 STEEL	954
14	1	McM 9714K85	4.2" WAVE DISK SPRING (McMASTER-CARR 9714K85)	GRADE 1074 HIGH-CARBON STEEL	89
13	8	Parallel Pin ISO 8734 - 4 x 12 - B - St			
12	4	DIN 912 M6 x 25 --- 25C			
11	1	COM-5852	M3 FLEXURE ROT. ADJUSTMENT BRACKET	1018 STEEL	190
10	8	DIN 912 M3 x 8 --- 8N			
9	4	Newport-AJS100-02H			
8	2	COM-5851	M3 FLEXURE LEVELING ADJ. BRACKET	1018 STEEL	87
7	4	MSC 06433783 - 0.375" Dial Indicator Tip	3/8" DIAL INDICATOR TIP, MSC 06433783	CASE HARDENED STEEL	1.55266461
6	16	DIN 7984 - M6 x 20 --- 20N			
5	8	COM-5850	M3 FLEXURE PLATE RETAINER	1018 STEEL	20
4	1	COM-5849	M3 FLEXURE UPPER PLATE	AISI 1018 STEEL	1802.25943642
3	2	COM-5848	M3 FLEXURE PLATE	17-4 PH STAINLESS STEEL	44
2	1	DIN 912 M6 x 40 --- 40N			
1	1	COM-5847	M3 FLEXURE BASE PLATE	AISI 1018 STEEL	1922.13



DO NOT SCALE DRAWING

**COPYRIGHT**

THIS DOCUMENT & ENCLOSED PROPRIETARY INFORMATION REMAINS THE PROPERTY OF EOS TECHNOLOGIES, INC. THE INTELLECTUAL PROPERTY AND INFORMATION HEREIN MAY NOT BE COPIED NOR DISCLOSED WITHOUT WRITTEN CONSENT OF EOS TECHNOLOGIES, INC. MANAGEMENT

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN MILLIMETERS  
 X.X = ±0.25MM  
 X.XX = ±0.10MM  
 ANGLES = ±0.5°  
 ROUNDS AND FILLETS ARE R3.0  
 BREAK ALL SHARP EDGES 0.25MM X 0.25MM

WELDS ARE: MAX SIZE FILLET OR FULL PENETRATION GROOVE WELD AS APPROPRIATE.  
 ALL WELDS ARE CONTINUOUS  
 NEAREST NOMINAL STOCK SIZE MAY BE SUBSTITUTED UPON APPROVAL.  
 INDICATED MACHINED SURFACES  $\checkmark$

DESIGN	J. CATONE	DATE	6/7/04
DRAWN	K. WASMER	DATE	3/8/05
CHECKED	<i>S. Dale</i>	DATE	4/7/05
APPROVED	<i>E. J. Pentland</i>	DATE	4/10/05

**EOS TECHNOLOGIES, INC.**  
 3160 E. TRANSCON WAY, SUITE 180, TUCSON, AZ 85706 PH: (520) 624-6399

**M3 FLEXURE ASSEMBLY**

DRAWING NO. **ASY-5846** STATUS **Released** REVISION **REL-01** SHEET SIZE **A1**

SCALE 1:2 SHEET 1 OF 1