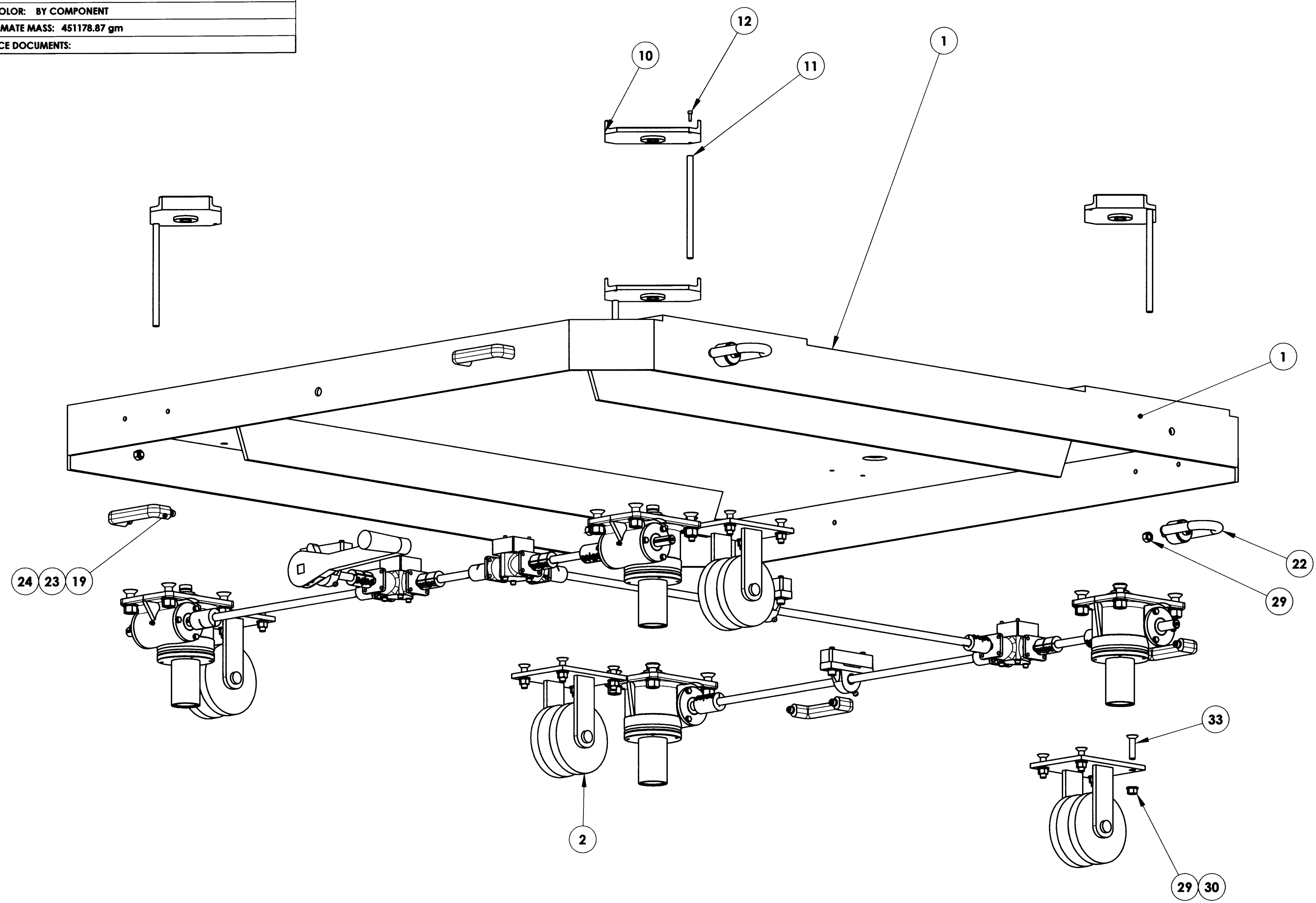


DRAWING NO.	REVISION
ASY-8555	REL-05
PROJECT CODE:	LICK-51
REQUIRED PER TELESCOPE:	1
MATERIAL:	BY COMPONENT
CONDITION:	AS SUPPLIED
SURFACE FINISH:	BY COMPONENT
FINISH COLOR:	BY COMPONENT
APPROXIMATE MASS:	451178.87 gm
REFERENCE DOCUMENTS:	

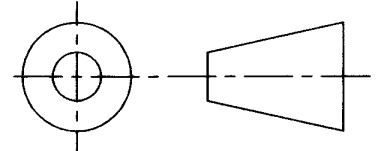
NOTE:
CUT 22MM FROM JACK'S 1"-14 THREAD OF CPP-8492

REV.	DATE	DESCRIPTION	CHK'D	APP'VD	ZONE
1	6/29/05	INITIAL RELEASE	K. WASMER	G. PENTLAND	
2	8/18/05	REVISE PER ECO-0379	K. WASMER	K. HARRIS	
3	2-8-07	REVISED PER ECO-0911	E. BIRD	K. GONZALES	
4	5/31/2007	REVISED PER ECO-0948	CP	KG	
5	12/11/2008	REVISE PER ECO-1237	<i>CP</i>	<i>WA</i>	

Controlled Document
Confirm revision before using



ITEM NO.	Default/QTY.	PART NUMBER	DESCRIPTION	Material	Weight
34	16	0141437	FHCS, M16-2.0 X 50	FASTENAL, ZINC PLATED ALLOY STEEL	87.92
33	16	0141427	FHCS, M12-1.75 X 50	FASTENAL, ZINC PLATED ALLOY STEEL	49.81
32	16	1140311	NUT, HEX, M16-2.0	FASTENAL, ZINC PLATED ALLOY STEEL	38.815
31	16	40361	WASHER, FLAT, M16	FASTENAL, ZINC PLATED ALLOY STEEL	0.004
30	16	40359	WASHER, FLAT, M12	FASTENAL, ZINC PLATED ALLOY STEEL	0.004
29	20	1140309	NUT, HEX, M12-1.75	FASTENAL, ZINC PLATED ALLOY STEEL	38.815
28	9	0141716	SHCS, M6-1.0 X 90	FASTENAL, ZINC PLATED ALLOY STEEL	8.55
27	9	40355	WASHER, FLAT, M6	FASTENAL, ZINC PLATED ALLOY STEEL	0.004
26	6	0135957	SHCS, M10-1.5 X 50	FASTENAL, ZINC PLATED ALLOY STEEL	37.87
25	6	40358	WASHER, FLAT, M10	FASTENAL, ZINC PLATED ALLOY STEEL	0.004
24	8	0135934	SHCS, M8-1.25 X 20	FASTENAL, ZINC PLATED ALLOY STEEL	16.84
23	8	40357	WASHER, FLAT, M8	FASTENAL, ZINC PLATED ALLOY STEEL	0.004
22	4	CPP-12359	EYEBOLT, SWIVEL, M12	STEEL, MCM 3005T73	1179.79
21	1	CPP-12353	COUPLING, ONE-PIECE CLAMP-ON	STAINLESS STEEL, MCM 61005K441	0.54
20	1	CPP-12355	HANDLE, RACHET, 12"	STEEL, MCM 6393K42	6.490
19	4	CPP-8414	HANDLE, 5.05"	6061 Alloy, MCM 5190A11	215.18
18	3	CPP-8539	BEARING, BASE MOUNT 5/8" BORE	Alloy Steel, MCM 6244K520	1.657
17	8	CPP-11426	COUPLING, CLAMP-ON, 5/8" X 5/8"	GRADE 12L14 STEEL, McM 61005K344	255.60
16	4	CPP-11427	COUPLING, CLAMP-ON, 5/8" X 3/4"	GRADE 12L14 STEEL, McM 61005K544	378.86
15	2	CPP-8481	GEAR, SPIRAL BEVEL 1:1	VARIOUS, BOSTON RA1031	3054.13
14	1	CPP-8480	GEAR, SPIRAL BEVEL 2:1	VARIOUS, BOSTON RA1032	3054.13
13	1	COM-12354	MIRROR CART JACKING ROD	A36 Structural Steel, 3/4" SQUARE BAR	314.71
12	4	0135898	SHCS, M5-0.8 X 16	FASTENAL, ZINC PLATED ALLOY STEEL	5.68
11	4	COM-12305	M1 CART GUIDE ROD	A36 Structural Steel, 1/2 INCH ROD	214.53
10	4	COM-8491	JACK TOP	Alloy Steel	2375.72
9	3	COM-8488	BEARING SPACER	6061 Alloy	310.72
8	3	COM-8487	GEAR SPACER BLOCK	6061 Alloy	334.67
7	1	COM-8557	MIDDLE SHAFT	A 36 STEEL	1887.91
6	1	COM-8558	REAR SHAFT	ALLOY STEEL	1228.66
5	3	COM-8559	GEAR SHAFT	A 36 STEEL	195.53
4	1	COM-8556	FRONT SHAFT	A 36 STEEL	712.19
3	4	CPP-8492	JACK, 5 TON TOP FLANGE SCREW	Alloy Steel, MCM 62255K461	17780.07
2	4	CPP-8493	CASTER, ZINC PLATED V-GROOVE	Galvanized Steel, MCM 2453T24	
1	1	COM-8553	M1 CART MACHINING	A36 Structural Steel	282661.41



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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 3.2

DESIGN	ERIK D	DATE	6/20/05
DRAWN	ERIK D	DATE	6/20/05
CHECKED	K. WASMER	DATE	6-21-05
APPROVED	G. PENTLAND	DATE	6-21-05

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

M1 CART ASSEMBLY

DRAWING NO. **ASY-8555** STATUS Released REVISION **REL-05** SHEET SIZE **A1**

SCALE 1:6 SHEET 1 OF 2