



NOTES

DRIVE GEAR: 240 TEETH

SPUR GEAR: 48 TEETH

RATIO: 5:1

BAYSIDE GEARHEAD RATIO: 50:1

TOTAL RATIO: 250:1

ENCODER: 4,000 COUNTS/REV

ENCODER COUNTS PER FILTER WHEEL

REV: 1,000,000

FIDUCIAL TAB 0.25 WIDE CENTERED ON FILTER #4 POSITION, SUBTENDS 3°

AS SHOW, FILTER #2 IS IN CAMERA POSITION

FOR TESTING, DEC. 2000, POSITION #5 IS EMPTY & POSITION #1 CONTAINS A CLEAR FILTER, ALL OTHERS HAVE ALUMINUM BLANKS

PART NO.	QTY	DESCRIPTION	MATERIAL
05303-1	42	7 FILTER ROUNDS	
05303-2	41	MOTOR W/ DRIVE BAYSIDE#23-048	
05303-3	39	GEARHEAD BAYSIDE#23-50	
05303-4	38	SPRING LEV AC ONE 64 #	
05303-5	37	ROLL PIN 401189	SST
05303-6	36	WASHER #4-28-30-UNF	SST
05303-7	35	WASHER #8	SST
05303-8	34	SHAFT #125 X .375 LB SST	
05303-9	33	SOC SHldr SCR 1/8 X 5/16 SST	
05303-10	32	SOC SHldr SCR 1/8 X 3/16 STL	
05303-11	31	LOGKIT#17-28-UNF	
05303-12	30	PH SPHERICAL WASHERS #4-SST	
05303-13	29	SCREW #8-28	SST
05303-14	28	FIDUCIAL TAB	STL
05303-15	27	SWITCH MOUNT	ALUM
05303-16	26	MOTOR MOUNT	ALUM
05303-17	25	ROLL PIN #125 X .5 LB SST	
05303-18	24	MAGNETIC-BEAM	ALUM
05303-19	23	BELVILLE WSRH 1/16 HRK	
05303-20	22	BUSSING	IDEALIN
05303-21	21	SHAFT	SST
05303-22	20	#25 TETRON TAPE BUMP	
05303-23	19	SHIM	
05303-24	18	SHIM	
05303-25	17	BEARING W/ SHIM FULL BEARING BEAD	
05303-26	16	ROLLER-HANDLER-GEAR-37/34-34-34-34	
05303-27	15	BEARING-HANDLER-GEAR-37/34-34-34-34	
05303-28	14	SPRING .3W X .015THK STL	
05303-29	13	GEAR MOD	
05303-30	12	MOTOR GAUL 50-1000	
05303-31	11	BEARING KADON	KCI200P0
05303-32	10	BEARING RETAINER	ALUM
05303-33	9	BEARING SUPPORT	ALUM
05303-34	8	TOP	ALUM
05303-35	7	FILTER WHEEL	ALUM
05303-36	6	FILTER HOLDER	ALUM
05303-37	5	LEVER	ALUM
05303-38	4	LEVER	ALUM
05303-39	3	THRE	SST
05303-40	2	DRIVE GEAR	BRASS
05303-41	1	FILTER HOLDER	ALUM

PART NO.	QTY	DESCRIPTION	MATERIAL
05303-42	1	DRIVE GEAR	BRASS
05303-43	1	FILTER HOLDER	ALUM

UNIVERSITY OF CALIFORNIA
LICK OBSERVATORY

KECK/DEMOS

DATE: 8/19/86
BY: J. K.

1. FILTERWHEEL ASSEMBLY, 7 POSITION

2. CAMERA POSITION

3. SEE DETAIL A SHT 2 OF 2

4. NEXT ASSEMBLY - DS320-1