



BILL OF MATERIAL		ITEM	QTY	MATERIAL	DESCRIPTION	WEIGHT
2150.540E03	E-312 G4	1	1		DRIVE HOUSING	4.24
2150.540C101	C-312 L5	2	1		FOCUS NUT	1.20
2150.540B105	B-317 L6	3	1		FOCUS SCREW	.75
2150.540B112	B-33330	4	1		WORM GEAR	.61
2150.540B106	B-312 G7	5	1		FOCUS DRIVE WORM	.20
2150.540B107	B-312 G7	6	1		UPPER BEARING HOUSING	.40
2150.540B107	B-312 G8	7	1		LOWER BEARING HOUSING	.32
2150.540A111	A-312 T2	8	1		FOCUS SCREW ANCHOR	.30
2150.540A110	A-312 T1	9	1		BEARING CAP	.07
2150.540A112	A-312 T3	10	1		BEARING COVER PLATE	.07
2150.540A109	A-312 T0	11	1		READOUT DRIVE SHAFT	.09
2150.540B107	B-33292	12	1		BEARING	.07
2150.540B112	B-33422	13	1		WORM	.07
		14				
		15				
		16	1	*PROE DIGITAL	5000 82 25 000 000000 NUMBER SHIFTS 3)	.3
		17	1	3/16 22 RHM 2204	GLOBE IND. INC. - MOTOR 1/8" DIA. x .75 SHAF	0.12
		18	1	D1126 (40T 3200)	BOYD MOTOR GEAR 3200 20T PA. 1.888 K5	
		19	4	L2-2	PIC MOTOR GEAR'S	
		20	1	750-K-CPN-59	DEUTSCH CONN. MALE	
		21	2	*41A	DUNN JONES PLUG BUTTOL (1/8 DIA. HOLE)	
		22	1	M854105	FAFNIR BEARING	
		23	1	M8P1102	FAFNIR BEARING	
		24	2	7100 KR	MRC BEARING	
		25	4	L-157 HJDR.	LEHIGH CHEMICAL	
		26	1	3/16 x 3/8	TAPER PIN	
		27				
		28	1	1/8 x 3/8 LG.	TAPER PIN	
		29	1	3/16 x 5/8 LG.	TAPER PIN	
		30	2	4-40 x 3/8	SOC. SET CUP PT. SCREW	
		31	2	4-40 x 1/16	SO. HD. MACH. SCREW	
		32	4	4-40 x 1/2	SOC. HD. CAP. SCREW	
		33	1	8-32 x 3/16	SOC. SET CUP PT. SCREW	
		34	4	8-32 x 1/4	SOC. HD. CAP. SCREW	
		35	4	8-32 x 3/8	SOC. HD. CAP. SCREW	
		36	2	8-32 x 1/2	SOC. SET CUP PT. SCREW	
		37	4	10-32 x 3/8	SOC. HD. CAP. SCREW	
		38	1	10-24 x 1/2	SOC. SET CUP PT. SCREW	
		39	3	10-24 x 1/2	SOC. HD. CAP. SCREW	
		40	4	4-40 x 3/8	SOC. HD. CAP. SCREW	
		41	4	6-32 x 5/8	HEX SOC. HD. CAP. SCREW	
		42	4	33 K3	FAFNIR BEARING	
		43	4	33 K5	FAFNIR BEARING	
		44	6	1/16 x 1/2	ROLL PIN	
		45	2	.005	PIC SPACER	
		46	2	G12-48	PIC 48T-64DP SPUR GEAR	
		47	4	FG-3	PIC 14T-64DP PINION	
		48	2		SHAFT	
		49	2		GEAR HOUSING - LOWER	
		50	2		DRIVE GEAR	
		51	2		GEAR HOUSING - UPPER	
		52	1		BEING GEAR	
		53	1		FOCUSING PEDestal. MOUNT	

NOTE:  
 1) THESE ITEMS DRIFFILED LUBRICATE WITH ALL GRAPHITE .0005 ALLOWABLE / SURFACE  
 2) THESE ITEMS LUBRICATE WITH ANDROL L-757 ITEM 25  
 3) PREASSEMBLE & CHECK FOR FREE OPERATION BEFORE FINAL FINISH IS APPLIED TO DETAIL PARTS

FOR ASSEMBLY SEE 2150.540E002

TOLERANCES UNLESS OTHERWISE NOTED:  
 DECIMAL DIMENSIONS .0000 ±.0000 -01  
 FRACTIONAL DIMENSIONS UP TO 1/16 ± 1/64  
 1/8 TO 3/16 ± 1/32  
 3/8 & OVER ± 1/16

ALL SURFACES TO HAVE 125 FINISH UNLESS OTHERWISE NOTED.

NAME: FEDESTAL DRIVE ASSY  
 PRIME FOCUS PEDESTAL ASSY

SCALE: FULL  
 PRINT ISSUED

DESIGNED BY: J.D. DATE: 12-23-70  
 CHECKED BY: J.D. DATE: 12-23-70  
 APPROVED BY: J.D. DATE: 12-23-70

DRAWING NUMBER: 2150 540 E 102 B

REV. 10.1

W.T. 10.1

2150.540E102 - (2) REQ. / N.A.

BOLLER & CHIVENS DATA : JOB 58070 NEXT ASSEMBLY E-3112 E-3106