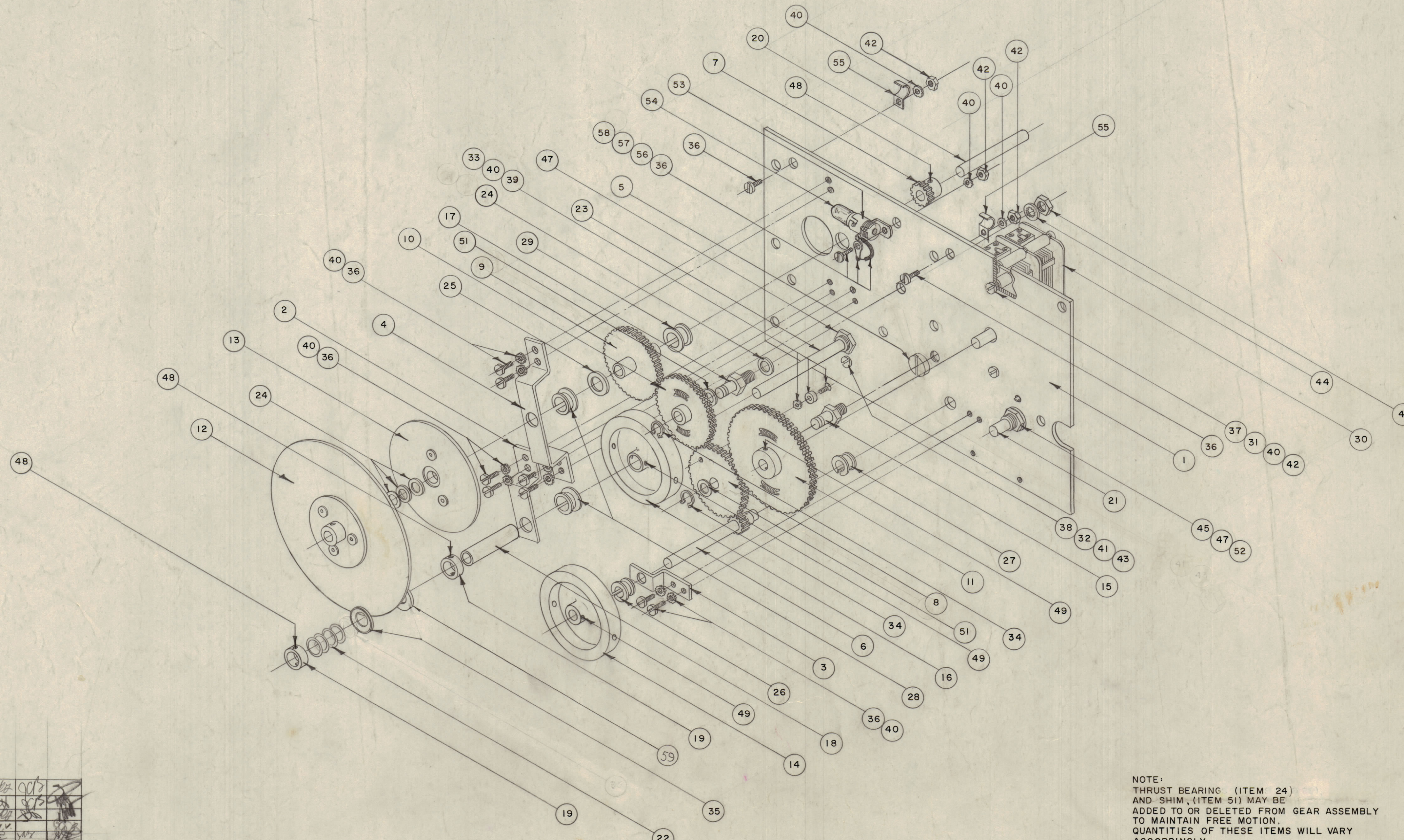


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.

NOTICE TO PERSONS RECEIVING THIS DRAWING

THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence and no information is to be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

Property of:
 THE TECHNICAL MATERIEL CORPORATION
 MAMARONECK, NEW YORK



SEE NOTE

SEE NOTE

1	59	WA141-2	WASHER, FLAT	
X	58	BS-100	SOLDER, SOFT	
X	57	MWC22(1)U9	WIRE, INSULATED	
1	56	TE-104-2	LUG, SOLDER	
2	55	CU-104-4	CLAMP	
1	54	BI-101-44(AF)	LAMP, FROSTED	I103
1	53	TS-107-2	SOCKET, LAMP	XI103
1	52	TE-111-2	LUG, SOLDER	
X	51	WA-127	WASHER, SHIM	
	50	DELETED		
12	49	AN565D6-H3	SCREW, HEADLESS SET	
	48	DELETED		
2	47	NTH3732BN16	NUT, HEX.	
1	46	NTH2528BN14	NUT, HEX.	
1	45	LW137MRN	LOCKWASHER, INT.	
1	44	LW125MRN	LOCKWASHER, INT.	
1	43	NTH0440BN8	NUT, HEX.	
5	42	NTH0632BN8	NUT, HEX.	
1	41	LWE04MRN	LOCKWASHER, EXT.	
14	40	LWE06MRN	LOCKWASHER, EXT.	
1	39	SCFS0632BN5	SCREW, MACHINE	
1	38	SCBS0440BN8	SCREW, MACHINE	
2	37	SCBS0632BN12	SCREW, MACHINE	
1	36	SCBS0632BN5	SCREW, MACHINE	
1	35	FW37HBN	WASHER, FLAT	
2	34	WA-112	RING, RETAINING	
1	33	PM-585	STOP SPACER, GEAR (1/8 LG., NO. 6)	
1	32	TE-117-22	STANDOFF, SPACER (1/8 LG., NO. 8)	
2	31	TE-117-2	STANDOFF, SPACER (3/8 LG., NO. 6)	
1	30	CB-127-1	CAPACITOR, VARIABLE, AIR	C167
1	29	BB-117-10	BEARING, NYLON (3/8 I.D.)	
2	28	BB-117-9	BEARING, NYLON (3/8 I.D.)	
1	27	BB-117-6	BEARING, NYLON (1/4 I.D.)	
1	26	BB-117-5	BEARING, NYLON (1/4 I.D.)	
	25	DELETED		
X	24	BB-106-1	BEARING, THRUST (1/4 I.D. X 1/16 TH.)	
1	23	SW-201	SWITCH INDEX	
1	22	SP-128-2	SPRING, FRICTION DRIVE	
1	21	RV4ATRD502C	RESISTOR, VARIABLE, COMP.	R205
1	20	PM-691FS1.818	SHAFT, .250 D. (1-13/16 LG.)	
2	19	PM-457-1	COLLAR, FRICTION DRIVE	
1	18	PM-454-2.18	SHAFT, HOLLOW (3/8 O.D. X 2-3/16 LG.)	
1	17	PM-470	SHAFT, GEAR	
1	16	PM-453	MACHINING, INERTIA WHEEL (3/8 I.D.)	
1	15	PM-452-1	SHAFT, GEAR	
1	14	PM-416	MACHINING, INERTIA WHEEL (1/4 I.D.)	
1	13	A-1442	MF DIAL ASSEMBLY	
1	12	SEE CHART	RF DIAL ASSEMBLY	
1	11	GR-135	GEAR, SPLIT, 3" P.D.	
1	10	GR-133	GEAR, SPLIT, 2" P.D.	
1	9	GR-132	GEAR, SPUR, 2" P.D., SPECIAL HUB	
1	8	GR-131	GEAR, SPUR, 2" P.D.	
1	7	GR-157	GEAR, SPUR, .750" P.D.	
1	6	A-1515	MF DIAL SHAFT ASSEMBLY	
1	5	PM-498	STOP SCREW, GEAR	
1	4	MS-1211	BRACKET, GEAR MOUNTING	
1	3	MS-1210	BRACKET, GEAR MOUNTING	
1	2	MS-1209	BRACKET, INERTIA WHEEL	
1	1	MS-1208	GEAR PLATE	

NOTE:
 THRUST BEARING (ITEM 24)
 AND SHIM, (ITEM 51) MAY BE
 ADDED TO OR DELETED FROM GEAR ASSEMBLY
 TO MAINTAIN FREE MOTION.
 QUANTITIES OF THESE ITEMS WILL VARY
 ACCORDINGLY.

TMC ASSY NO.	ITEM I2	USED ON
A1517	A1439	SBE-23 (API00)
A1517-2	A1439-2	SBE-6 (API00-6)

J	IT. 59 ADDED, IT. 35 WAS 2 REG. IT. 25 WAS BE106-3, IT. 35 WAS WA129.	2-28-67	17859				
H	IT. 50 WAS DELETED IT. 49 GR (2) IT. 20 WAS PM-691FS1.818	4-22-66	16114				
G	IT. 22 WAS SP128	2-2-64	15713				
F	TMC CHART ADDED IT. 1206A151	5-28-64	14368				
E	ITEM (7) WAS GR-128	5-23-63	9129				
D	ITEM (5) WAS BI-101-44	8-23-61	5487				
C	ITEM (20) WAS PM-459-1.818	7-19-61	5279				
	ITEMS 52, 53, 54, 55, 56, 57 Added						
	DELETED 6 ITEM 48 (AN565D6-H3) & ADDED 6 ITEM 49						
	ITEM 42 QUAN. WAS 2 (3 Added)						
	ITEM 40 QUAN. WAS 11 (3 Added)						
B	ALL SCREWS, NUTS, WASHERS CHG'D FROM "C" FINISH TO "N" (NICKEL) FINISH	1/6/59					
	ITEM 36 QUAN. SHOULD HAVE BEEN 8 (QUAN. 4 & 3 MORE ADDED (QUAN. 11)						
	ITEM 33 WAS TE-117-26 (C-SINK ADDED)						
	ITEM 21 WAS RV4ATRD502B (Error)						
	ITEM 8 WAS PM-453 (Error of Rev. A-1)						
A	REPL. IT. 48 WAS "3" IT. 33 WAS SCFS 0632BN12 IT. 35 WAS MS-1100	7/1/58	419				
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES							
SCALE:							
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.							
ALL OTHERS DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±							

1	SBE-3	AO-101			
1	SBE-2	A 1516		4-8-58	
REQ PER UNIT	MODEL	PROJECT NO.	ASSY. NO.	DATE	
USED ON					

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
AP-100 ASSEMBLY			
GEAR PANEL			
TYPE & TEMPER		DRAWN	ELEC. DES. APP. MECH. DES. APP.
HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.		A-1517	