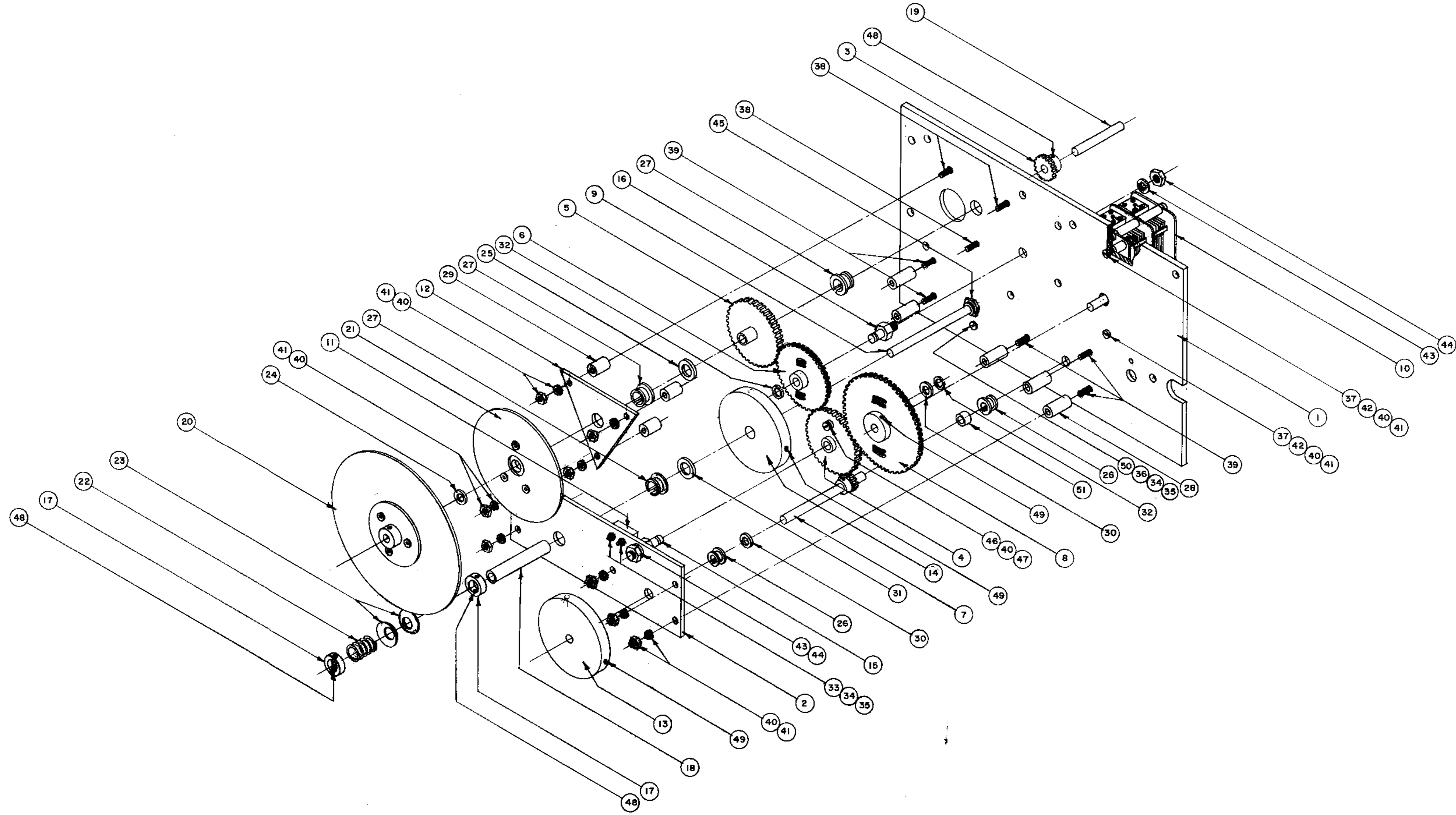


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 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

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 THE TECHNICAL MATERIEL CORPORATION
 MAMARONECK, NEW YORK



1	51	PM-454-21	SHAFT, HOLLOW	
1	50	SCBS0440BC8	SCREW, MACHINE	
6	49	AN56506-H3	SCREW, HEADLESS SET	
6	48	AN56506-H2	SCREW, HEADLESS SET	
1	47	TE-117-25	STAND-OFF SPACER (5/32 LG.)	
1	46	SCBS0632BC6	SCREW, MACHINE	
1	45	NTH3732BC16	NUT, HEX.	
2	44	NTH2528BC14	NUT, HEX.	
2	43	LW125MRC	LOCKWASHER, INT.	
2	42	TE-117-2	STAND-OFF SPACER (3/8 LG.)	
10	41	NTH0632BC	NUT, HEX.	
11	40	LWEO6MRC	LOCKWASHER, EXT.	
5	39	SCFS0632BC17	SCREW, MACHINE	
3	38	SCFS0632BC14	SCREW, MACHINE	
2	37	SCBS0632BC12	SCREW, MACHINE	
1	36	TE-117-22	STAND-OFF SPACER (1/8 LG.)	
3	35	NTH0440BC8	NUT, HEX.	
3	34	LWEO4MRC	LOCKWASHER, EXT.	
2	33	SCFS0440BC8	SCREW, MACHINE	
2	32	WA-112	RING, RETAINING	
1	31	FW37LBC	WASHER, FLAT (.062 THK.)	
2	30	FW25LBC	WASHER, FLAT (.031 THK.)	
3	29	TE-117-13	STAND-OFF SPACER (1/2 LG.)	
5	28	TE-117-24	STAND-OFF SPACER (1/16 LG.)	
3	27	BB-117-10	PANEL BEARING, NYLON (3/8 I.D.)	
2	26	BB-117-6	PANEL BEARING, NYLON (1/4 I.D.)	
1	25	BB-106-3	BEARING, THRUST (1/32 THK.)	
1	24	BB-106-1	BEARING, THRUST (1/16 THK.)	
2	23	WA-129	WASHER, FRICTION	
1	22	SP-128	SPRING, FRICTION DRIVE	
1	21	A-1442	MF DIAL ASS'Y.	
1	20	A-1439	RF DIAL ASS'Y.	
1	19	PM-691 RF 1.B1B	SHAFT, .250 D.	
1	18	PM-454-2.18	SHAFT, HOLLOW	
2	17	PM-457-1	COLLAR, FRICTION DRIVE	
1	16	PM-470	SHAFT, GEAR (GR-133)	
1	15	PM-452-1	SHAFT, GEAR (GR-131)	
1	14	PM-453	MACHINING, INERTIA WHEEL (3/8 I.D.)	
1	13	PM-416	MACHINING, INERTIA WHEEL (1/4 I.D.)	
1	12	MS-1101	SUPPORT PLATE, GEAR	
1	11	MS-1100	STOP BLOCK, GEAR	
1	10	CB-127	CAPACITOR, VARIABLE	C167
1	9	SW-201	SWITCH INDEX	
1	8	GR-135	GEAR, SPLIT, 3.00" PD.	
1	7	A-1456	MF DIAL SHAFT ASS'Y. (GR-134)	
1	6	GR-133	GEAR, SPLIT, 2.00" PD.	
1	5	GR-132	GEAR, SPUR, 2.00" PD. (SPECIAL HUB)	
1	4	GR-131	GEAR, SPUR, 2.00" PD.	
1	3	GR-129	GEAR, SPUR, .750" PD.	
1	2	MS-1104	GEAR PLATE, SUB	
1	1	MS-1103	GEAR PLATE, MAIN	

A-1487 A

2	17M(19) WAS PM-452	2/19/44	5279	BDL	RLU/PM	
1	17M(19) WAS PM-453-1.81B					
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAWN	CHECKER	ENG. APP.
TOLERANCES						
ALL	DEC. DIM. ±	SCALE: 1/2				
OTHERS	ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

1	SBE-1	PROJECT NO.	ASBY. NO.	DATE
REQ. PER UNIT				11-26-57
USED ON				

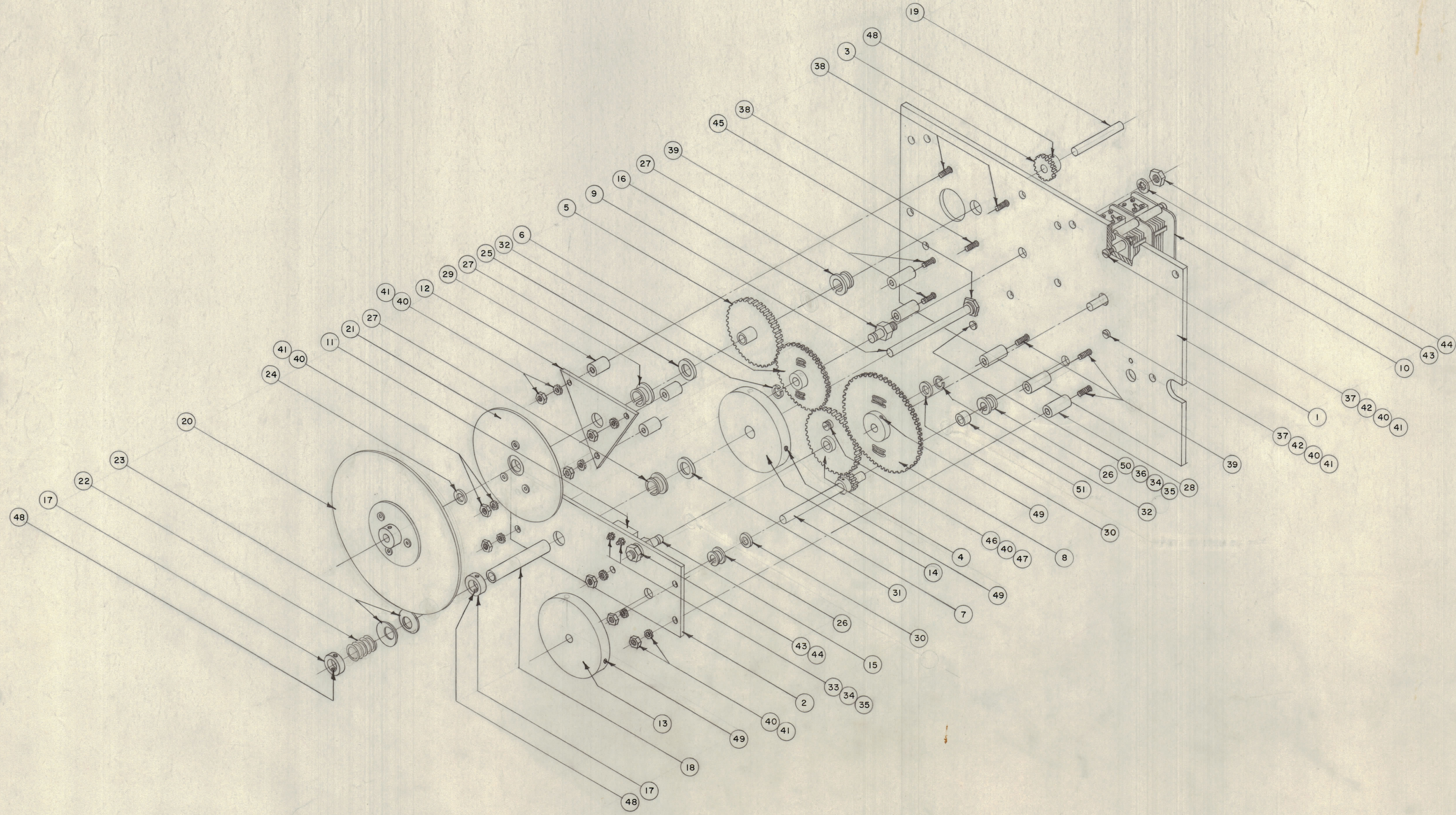
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MAIN GEAR ASSEMBLY			
SBE-1			
LG 11-26-57			
DRAWN		MECH. DES. APP.	
CHECKED		FINAL APPROVAL	
HEAT TREAT. SPEC.		FINISH & SPEC. NO.	
A-1487 A			

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 MAMARONECK, NEW YORK



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	51	PM-454-21 SHAFT, HOLLOW	
1	50	SCBS0440BC8 SCREW, MACHINE	
6	49	AN565D6-H3 SCREW, HEADLESS SET	
6	48	AN565D6-H2 SCREW, HEADLESS SET	
1	47	TE-117-25 STAND-OFF SPACER (5/32 LG.)	
1	46	SCBS0632BC6 SCREW, MACHINE	
1	45	NTH3732BC16 NUT, HEX.	
2	44	NTH2528BC14 NUT, HEX.	
2	43	LW125MRC LOCKWASHER, INT.	
2	42	TE-117-2 STAND-OFF SPACER (3/8 LG.)	
10	41	NTH0632BC NUT, HEX.	
11	40	LWE06MRC LOCKWASHER, EXT.	
5	39	SCFS0632BC17 SCREW, MACHINE	
3	38	SCFS0632BC14 SCREW, MACHINE	
2	37	SCBS0632BC12 SCREW, MACHINE	
1	36	TE-117-22 STAND-OFF SPACER (1/8 LG.)	
3	35	NTH0440BC8 NUT, HEX.	
3	34	LWE04MRC LOCKWASHER, EXT.	
2	33	SCFS0440BC8 SCREW, MACHINE	
2	32	WA-112 RING, RETAINING	
1	31	FW37LBC WASHER, FLAT (.062 THK.)	
2	30	FW25LBC WASHER, FLAT (.031 THK.)	
3	29	TE-117-13 STAND-OFF SPACER (1/2 LG.)	
5	28	TE-117-24 STAND-OFF SPACER (11/16 LG.)	
3	27	BB-117-10 PANEL BEARING, NYLON (3/8 I.D.)	
2	26	BB-117-6 PANEL BEARING, NYLON (1/4 I.D.)	
1	25	BB-106-3 BEARING, THRUST (1/32 THK.)	
1	24	BB-106-1 BEARING, THRUST (1/16 THK.)	
2	23	WA-129 WASHER, FRICTION	
1	22	SP-128 SPRING, FRICTION DRIVE	
1	21	A-1442 MF DIAL ASS'Y.	
1	20	A-1439 RF DIAL ASS'Y.	
1	19	PM-691 RF 1.818 SHAFT, .250 D.	
1	18	PM-454-2.18 SHAFT, HOLLOW	
2	17	PM-457-1 COLLAR, FRICTION DRIVE	
1	16	PM-470 SHAFT, GEAR (GR-133)	
1	15	PM-452-1 SHAFT, GEAR (GR-131)	
1	14	PM-453 MACHINING, INERTIA WHEEL (3/8 I.D.)	
1	13	PM-416 MACHINING, INERTIA WHEEL (1/4 I.D.)	
1	12	MS-1101 SUPPORT PLATE, GEAR	
1	11	MS-1100 STOP BLOCK, GEAR	
1	10	CB-127 CAPACITOR, VARIABLE C167	
1	9	SW-201 SWITCH INDEX	
1	8	GR-135 GEAR, SPLIT, 3.00" PD.	
1	7	A-1456 MF DIAL SHAFT ASS'Y. (GR-134)	
1	6	GR-133 GEAR, SPLIT, 2.00" PD.	
1	5	GR-132 GEAR, SPUR, 2.00" PD. (SPECIAL HUB)	
1	4	GR-131 GEAR, SPUR, 2.00" PD.	
1	3	GR-129 GEAR, SPUR, .750" PD.	
1	2	MS-1104 GEAR PLATE, SUB	
1	1	MS-1103 GEAR PLATE, MAIN	

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ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	2	ITEM (15) WAS PM-452	7-10-44	5279	GDL	RUJ	PM
A	1	ITEM (19) WAS PM-459-1.818					

TOLERANCES: ALL DEC. DIM. ±, FRAC. DIM. ±, ANGULAR DIM. ±. SCALE: 1/2. DRILL PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

1	SBE-1	PROJECT NO.	ASSY. NO.	DATE
				11-26-57

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK
 MAIN GEAR ASSEMBLY
 SBE-1

LG 11-26-57
 DRAWN: [Signature] ELEC. DES. APP. [Signature] MECH. DES. APP. [Signature]
 CHECKED: [Signature] FINAL APPROVAL: [Signature]

FINISH & SPEC. NO. A-1487 A