

USED ON		
MODEL	SECTION	QUAN.

SBT-1KF2	A
LIST NO.	REV.

GENERAL PURPOSE TRANSMITTER, SYNTHESIZED
(TITLE)

LIST SECTIONS

- EXPLANATION NOTE (PG.1)
1. ELECTRICAL / MECHANICAL SUPPORTING EQUIPMENT (PG.2-3)
2. HARDWARE NAMEPLATE & HARDWARE (PG.4)
3. RAW MATERIALS NONE REQ.
4. SUPPORTING DRAWINGS (PG.5)
5. SPECIFICATIONS (PG.6)
6. LOOSE ITEMS NONE REQ. (See SUPP. LISTS)
7. PARTS PECULIAR NONE REQ.

TYPED 3/29/62
CHECKED LB
APPROVED LB

NOTE - S/A SBT-1KF EXCEPT PAL-1KA, CHG-2, CPP-5, CSS-1A
INSTEAD OF PAL-1K, CHG-1, CPP-1, CSS-1

MATERIAL LIST				REV													MODEL	SBT-1KF2		
																	SHEET	1	OF	6
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION EXPLANATION NOTE	REF.	LOCATION		SYMBOLS												
						USED ON	QUAN.													
	SBT-1KF2-B			Sideband Transmitter (Base Mounted)				Use RAK-17B1-B Use RAK-11B1-B												
	SBT-1KF2-S			Sideband Transmitter (Shock Mounted)				Use RAK-17B1-S Use RAK-11B1-S												

MATERIAL LIST				REV	MODEL SBT-1KFZ											
				A	SHEET 2 OF 6											
QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION	REF.	LOCATION		SYMBOLS								
						USED ON	QUAN.									
				(SYNTHESIZER RACK)												
1	CBE-1 (ML)			Sideband Exciter (Wide Band)				200								
1	CHG-2 (ML)			Frequency Amplifier				1000								
1	CHL-1 (ML)			Divider Chain				100								
1	CLL-1 (ML)			Controlled Oscillator				700,800								
1	CMO-1 (ML)			Control Master Oscillator				300								
1	CPP-2 (ML)			Power Supply, Main				500								
1	CPP-5 (ML)			Power Supply, CHG-2				400								
1	CSS-1A (ML)			Frequency Standard				600								
1	RAK-11B (ML)			Rack, Equipment				900 See Sheet #1								

MATERIAL LIST

REV *A*

MODEL SBT-1KF2
SHEET 3 OF 6

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SUPPORTING EQUIPMENT	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
				(<u>TRANSMITTER RACK</u>)				
1	APP-4 (ML)			Auxiliary Power Panel				
1	ATS-2 (ML)			Antenna Tuning System Consists of: CU-2 (ML) MCU-2 (ML) TU-2 (ML)				Mount in Rack Mount in Rack Ship Loose
1	MS-157-4S			Panel, Blank				
1	PS-4A (ML)			Power Supply, LV				
1	PS-5 (ML)			Power Supply, HV				
1	RAK-17B-1 (ML)			Rack, Equipment				See Sheet #1
1	RFD-1A (ML)			R.F. Amplifier				
1	TIS-3 (ML)			Tone Intelligence System				

MATERIAL LIST

REV

A

MODEL SBT-1KF2

SHEET 4 OF 6

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION NAMEPLATES & HARDWARE	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	NP-357-15			Nameplate, Commercial				When Required
1	NP-			Nameplate, Navy				When Required
4	SFB0440SN3			Screw, Self Tapping				

MATERIAL LIST

REV A

MODEL SBT-1KF2
SHEET 5 OF 6

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SUPPORTING DRAWINGS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	CK-541			Wiring Diagram, Synthesizer Rack				
1	CK-553			Wiring Diagram, Transmitter Rack				
1	ID-241			Installation, CU-2 to AX-198				

MATERIAL LIST

REV

A

MODEL SBT-1KF2

SHEET 6 OF 6

QUAN. PER UNIT	PART NO.	DWG. REV.	DWG. SIZE	DESCRIPTION SPECIFICATIONS	REF.	LOCATION		SYMBOLS
						USED ON	QUAN.	
1	S-527			Test Procedure, SBG				
1	S-641			Test Procedure, SBT				

REVISION SHEET

**THE TECHNICAL MATERIEL CORP.
MAMARONECK
NEW YORK**

SBT-1KF2

LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
1/30/67	A	4	17753	Revised per EMN	<i>alt</i>

SBT-1KF-3 LOOSE ITEMS

11-18-65

<u>PART NO.</u>	<u>QTY</u>	<u>REFERENCE</u>
PL100	2	(1) RAK-11B1, (1) RAK-17B1
PL134NG	1	RAK-11B1
PL150	1	RAK-17B1
PL190NG	1	RAK-17B1
UG260*/U	1	RAK-17B1
SC142C	8	(4) RAK-11B1, (4) RAK-17B1
SCBP1032BN8	76	(40) RAK-11B1, (36) RAK-17B1
WA101-11	76	(40) RAK-11B1, (36) RAK-17B1
TM105-16AL	1	APP -4
TM105-16AR	1	APP -4
CA484	1	ATS -2A
CA498-2	1	ATS -2A
CA499-2	1	ATS -2A
GL114	1	ATS -2A
TP119-1	1	ATS -2A
CA541-XXX OR CA729-XXX	1	ATS -2A ONLY PER CUSTOMER REQUIREMENT
MS3057-12A	1	ATS -2A ONLY PER CUSTOMER REQUIREMENT
MS3106A20-27P	1	ATS -2A ONLY IF CA541 OR CA729 ARE NOT SHIPPED
TE120-2	11	ATS -2A ONLY IF CA541 OR CA729 ARE NOT SHIPPED
PO206-2	1	TU-2 ONLY IF NOT MOUNTED IN TU-2
PO206-4	1	TU-2 ONLY IF NOT MOUNTED IN TU-2

NOTE: ALL OTHER AC CABLES SHOULD BE IN RACK. ANY CABLES MENTIONED ABOVE WHICH ARE MOUNTED IN RACK SHALL BE OMITTED FROM THIS LIST.

F. Sobel