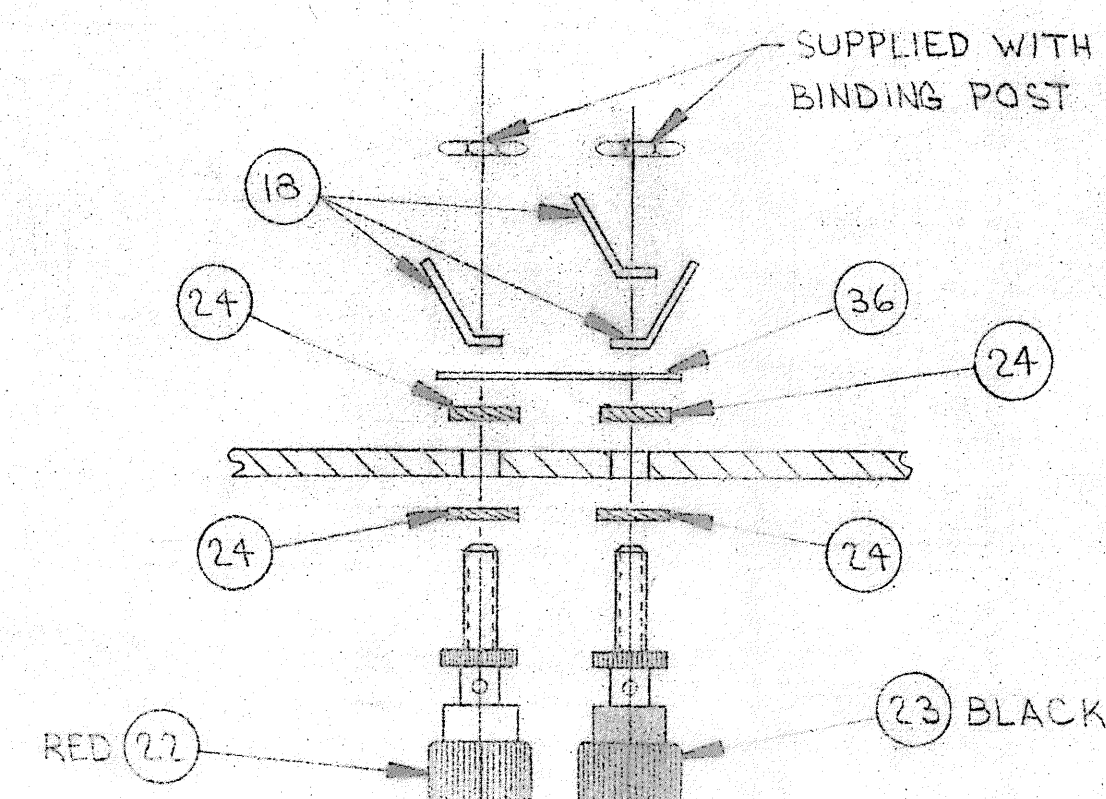
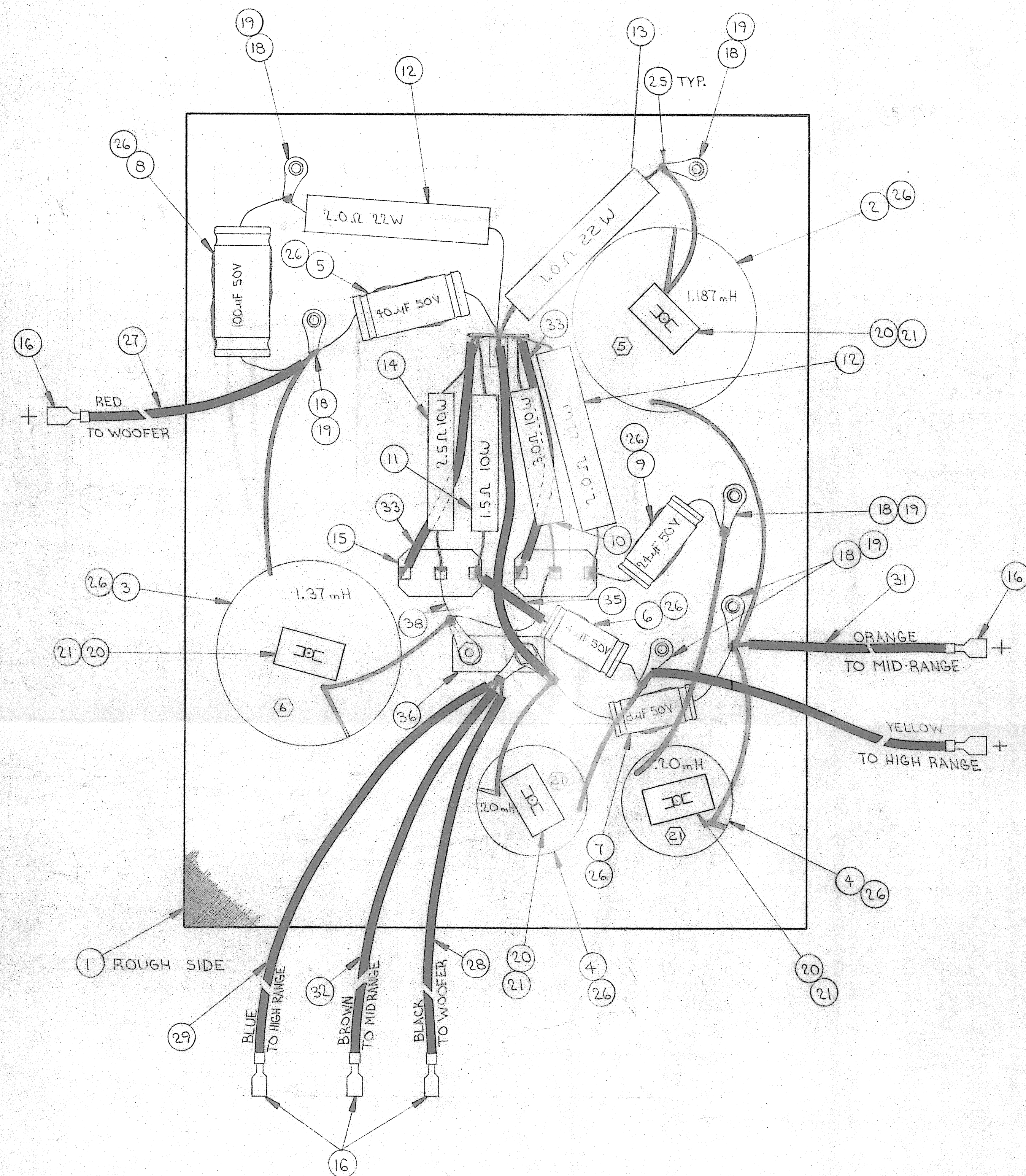
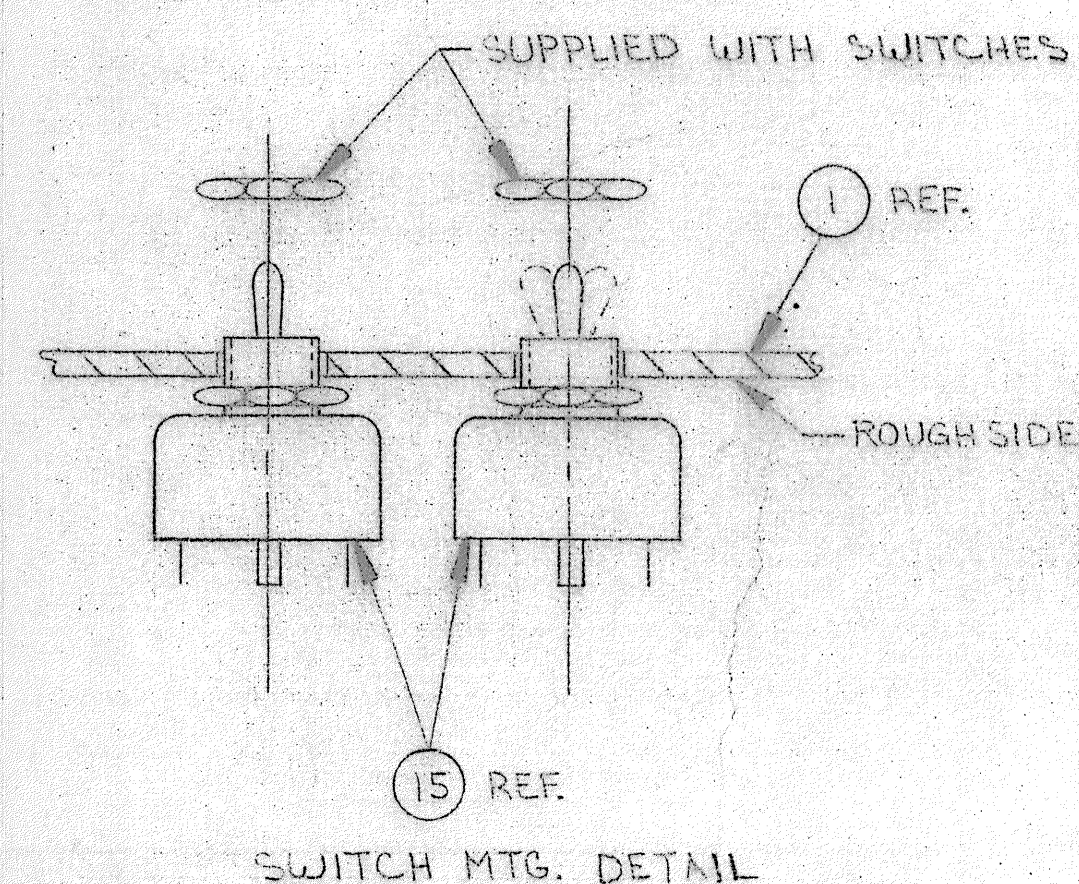
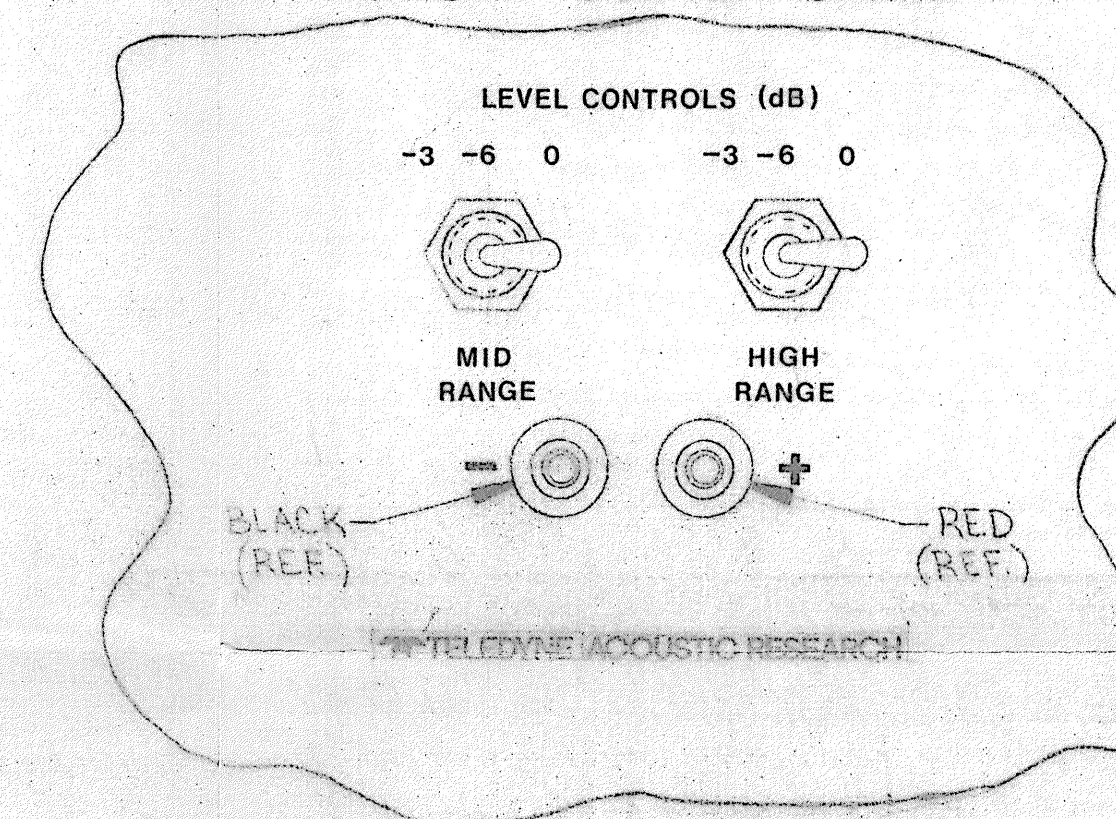




FRONT SIDE OF BOARD



- 1) THE 91 CROSSOVER IS TO BE TESTED TO SCHEMATIC DRG. #102049.
- 2) THE TWO SWITCHES (ITEMS 15) MUST BE ORIENTED AS SHOWN. CONNECT THE CENTER TERMINAL OF THE SWITCHES TO THE RED INPUT TERMINAL WITH BUSS WIRE (ITEM 38) AS SHOWN. MAKE SURE THE BUSS WIRE DOES NOT TOUCH ANY METAL PARTS OF THE SWITCHES EXCEPT THE CENTER TERMINAL.
- 3) INSULATE THE LEAD FROM THE 4 MFD CAPACITOR (ITEM 6) WITH SPAGHETTI TUBING (ITEM 35).
- 4) CAPACITORS ARE TO BE HOT MELTED TO THE BOARD USING ITEM 26.
- 5)
- 6) THE CHOKE COILS ARE TO BE HOT MELTED TO THE BOARD USING ITEM 26 JUST PRIOR TO RIVETING.

- 7) ALL RESISTORS MUST BE SPACED OFF THE BOARD 1/2" - 3/4". KEEP THE RESISTOR LEADS SHORT. THE RESISTORS ARE NOT TO TOUCH EACH OTHER, OR OTHER COMPONENTS OR WIRES.
- 8)
- 9) SOLDER ALL CONNECTIONS USING ITEM 25.

REVISIONS			
ISS.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	23 Apr 71	T. W. G.
B	ECO #2024, ITEM 16 WAS 503005	14 May 71	T. W. G.
C	ECO #2052, QTY. OF ITEM 30 WAS 27	27 May 71	T. W. G.
D	ECO #2226, REVISED ITEM 37, DELETED ITEM 30	24 Oct 70	T. W. G.
E	ECO #2272, REVISED CAPACITORS, SEE ECO	5 DEC 80	T. W. G.
F	ECO #2314, ADDED ITEM 36 GASKET	11 Feb 81	T. W. G.

QTY.	ISS.	PART NO.	DESCRIPTION
3"	38	602008	BUSS WIRE #20
	37		
1	36	400251	BINDING POST GASKET
1	35	600012-2	SPAGHETTI TUBING 1/4 LB
5"	34	602007-1	WIRE, GREEN
9"	33	602002-1	WIRE, WHITE (2 PIECES 4 1/2" EACH)
22"	32	602019-1	WIRE, BROWN
22"	31	602018-1	WIRE, ORANGE
	30	602006-1	WIRE, YELLOW
27"	29	602005-1	WIRE, BLUE
14"	28	602004-1	WIRE, BLACK
14"	27	602003-1	WIRE, RED
1/8	26	601089	HOT MELT
1/4	25	600007	SOLDER
4	24	504005	LOCKWASHER
1	23	500024-2	BINDING POST, BLK (w/NUTS)
1	22	500024-1	BINDING POST, RED (w/NUTS)
4	21	500006	RIVETS, CHOKE COIL
4	20	500005	SPEED NUTS
7	19	500004	RIVETS
9	18	503002	SOLDER LUG
1	17	503032	TERMINAL STRIP
6	16	503006	TERMINAL, Q.C. (FEMALE)
2	15	802009	TOGGLE SWITCH (w/NUTS)
1	14	804022	RESISTOR, 2.5Ω 10W
1	13	804020	RESISTOR, 1.0Ω 22W
2	12	804014	RESISTOR, 2.0Ω 22W
1	11	804003	RESISTOR, 1.5Ω 10W
1	10	804002	RESISTOR, 3.0Ω 10W
1	9	803065	CAPACITOR, 24μF, 50V
1	8	803058	CAPACITOR, 100μF, 50V
1	7	803060	CAPACITOR, 8μF, 50V
1	6	803057	CAPACITOR, 4μF, 50V
1	5	803063	CAPACITOR, 40μF, 50V
2	4	805021	CHOKE COIL, 0.20mH
1	3	805006	CHOKE COIL, 1.37mH
1	2	805005	CHOKE COIL, 1.187mH
1	1	400243	CROSSOVER BOARD
	ITEM NO.	PART NO.	DESCRIPTION

LIST OF MATERIALS			
TELEDYNE ACOUSTIC RESEARCH			
CROSSOVER ASSEMBLY			
DIMENSIONS ARE IN: -			
TOLERANCE UNLESS OTHERWISE SPECIFIED			
SCALE MATERIAL FINISH			
X ± .04 X ± .1			
.XX ± .01 INCH .X ± .25 mm.			
.XXX ± .005 .XX ± .1			
ANGLES 0° - 30°			
SUPERSEDES DATED			
PARTS RELEASED FOR ASSEMBLY			
DRG. APPROVED FOR ISSUE			
DESIGN APPROVED FOR USE			
DRG. NO. 300036			
ISS.			

100036	AR-9
NEXT ASSY.	USED ON
APPLICATION	D'NUMBER -

ENGINEERING FILE