

APPROVED FOR PUBLIC RELEASE. CASE 06-1104.

PROJECT
673

PRO 6673

45000

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
SB-45000	FIG 3- NAVAR-COMPLETE SYSTEM	M-2003	T. KILDEBRANDT							
A-45001	TELETYPE DISPLAY	M-2003	"							
D-45002	FLOW DIAGRAM FIGURE 9 SHEET 1		A. ORDEN	F. BRUNSWICK						B-REDUCTION ✓✓
D-45003	FLOW DIAGRAM FIGURE 9 SHEET 2		A. ORDEN	F. BRUNSWICK						B-REDUCTION ✓✓
A-45004	FIG 1 PLAN VIEW OF HELIX ENTRY	E-2011	D. ISRAEL	M. MATAS						
A-45005	FIG 2 GEOGRAPHICAL ZONES	E-2011	D. ISRAEL	M. MATAS						
A-45006	FLIGHT INTRODUCTION SUBPROGRAM	E-2011	D. ISRAEL	M. MATAS						
B-45007	OVERALL FLOW DIAGRAM	E-2011	D. ISRAEL	M. MATAS						
A-45008	FIG 1 PATHS APPROACHING A RADIAL COURSE		R. WIESER	M. MATAS						
A-45009	FIG 2 ALTERNATIVE PATHS		R. WIESER	D. SHAHAN						
B-45010	FIG 3 BLOCK SCHEMATIC OF TRAFFIC CONTROL FUNCTIONS		R. WIESER	M. MATAS						Parts list
C-45011	FIG 4 SIMPLIFIED BLOCK SCHEMATIC OF THE GUIDANCE SYSTEM		R. WIESER	M. MATAS						
A-45012	FIG 5 ROLL ANGLE		R. WIESER	M. MATAS						
A-45013	FIG 6 PITCH ANGLE		R. WIESER	M. MATAS						
A-45014	FIG 7 A SAMPLING DEVICE		R. WIESER	M. MATAS						
A-45015	FIG 8-9 FREQUENCY SAMPLING INFORMATION		R. WIESER	M. MATAS						
A-45016	FIG 1	E-341	P. FRANKLIN	D. SHAHAN						
A-45017	CIVIL AIRWAYS CHART	R-188	D. ISRAEL							REPRODUCTION DEPT OF COMMERCE CONFIDENTIAL
A-45018	READ-IN BLOCK SCHEMATIC	M-2047	C. WESER							
A-45019	TYPICAL INSTRUMENT APPROACH CHART	R-188	D. ISRAEL							F1016
A-45020	PATTERN ON 100 MILE CPS-5 SEARCH RADAR	TE-188	D. ISRAEL							F-1016

45021

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A-45021	AIRPORT APPROACH DIAGRAM Fig(1)	Thesis	A. ORDEN	F.B.						
A-45022	ELECTRONIC SYSTEM (Fig 2)	"	"	"						
A-45023	SCHEMATIC of MONITORING SYSTEM (Fig 3)	"	"	"						
A-45024	SCHEMATIC of RECOGNITION PROGRAM (Fig 4)	"	"	"						
B-45025	Schematic of Schedule Construction Program (Fig 5)	"	"	"						
A-45026	PROHIBITED JUNCTIONS (Fig. 6)	"	"	"						
A-45027	x-t DIAGRAM for SEVERAL AIRCRAFT (Fig. 7)	"	"	"						
A 45028	Passing strip (Fig 8)	"	"	"						
A 45029	4 MC CLOCK PULSES - OUTPUT OF 10/1 DIVIDER - OUTPUT OF GATE GENERATOR	SISSONS THESIS	R. SISSON	F. BRUNSWICK						F-
A 45030	SIGNAL AFTER 1ST FILTER THE 3 PHASE VOLTAGES	R. SISSONS THESIS	R. SISSON	F. BRUNSWICK						F-
A 45031	GATE FROM FF2 FOR $\theta = 0$	R. SISSONS THESIS	R. SISSON	F. BRUNSWICK						F-
A 45032	SPINNING ROTOR OUTPUT	R. SISSONS THESIS	R. SISSON	F. BRUNSWICK						F-
A 45033	OUTPUT - VOLTAGES - CLIPPER-PEAKER	R. SISSONS THESIS	R. SISSON	F. BRUNSWICK						F-
A 45034	PEAKER GRID WAVEFORM	R. SISSONS THESIS	R. SISSON	F. BRUNSWICK						F-
A 45035	INPUT & OUTPUT OF CLIPPER-PEAKER	R. SISSONS THESIS	R. SISSON	F. BRUNSWICK						F-
D-45036	DELAY ELEMENTS 3 & 4, AND ASSOCIATED CIRCUITRY	"	"	D. L. SHEAHAN						B-REDUCTION ✓✓
A 45037	ARRANGEMENT OF TEST EQUIPMENT TO CALIBRATE MULTIVIBRATORS 1, 3, & 4	R. SISSON	R. SISSON	A. H. JOSEPH						
A 45038	BLOCK SCHEMATIC OF CONVERSION DEVICE	A. H. JOSEPH	A. H. JOSEPH	D. L. SHEAHAN						
A 45039	BLOCK DIAGRAM OF CONVERSION DEVICE	A. H. JOSEPH	A. H. JOSEPH	D. L. SHEAHAN						
A 45040	SYSTEM FOR CONVERTING PULSE-POSITION MODULATED SIGNALS INTO BINARY PULSE ETC.	A. H. JOSEPH	A. H. JOSEPH	D. L. SHEAHAN						
A 45041	BLOCK DIAGRAM OF TEST SETUP	THESES	R. SISSON	D. L. SHEAHAN						

45042

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A 45042	BLOCK DIAGRAM OF THE SYSTEM USED FOR CONVERTING SHAFT POSITION etc									
A 45043	SIMPLIFIED BLOCK DIAGRAM OF THE SYSTEM FOR CONVERTING SHAFT etc									
A 45044	TIME RELATIONSHIP OF PULSES IN THE CONVERSION DEVICE									
A 45045	TIME RELATIONSHIPS OF VARIOUS WAVEFORMS									
A 45046	CONVERSION OF BINARY NUMBERS INTO VOLTAGE AMPLITUDES									
A 45047	CATHODE FOLLOWER									
A 45048	RESOLVER METHOD OF PHASE MODULATION									
A 45049	ANGULAR POSITION OF SHAFT AS A FUNCTION OF THE NUMBER OF PULSES									
A 45050	ERROR CURVE WITH TWO CONTROL TRANSFORMER SYSTEM									
A 45051	ERROR IN ANGULAR POSITION AS A FUNCTION OF THE NUMBER PULSES									
A 45052	STATIC CHARACTERISTICS OF A D-359 CRYSTAL									
A 45053	ERROR IN INTEGRATOR OUTPUT AS A FUNCTION OF TIME INTERVAL etc									
A 45054	LOW-FREQUENCY BLOCKING-OSCILLATOR									
B 45055	CLIPPER-PEAKER									
B 45056	GATE GENERATOR AND INTEGRATOR	SISSON'S THESIS								
B 45057	FILTER, PHASE SHIFT NETWORK, AND CONTROL TRANSFORMER CIRCUITS	SISSON'S THESIS								
A-45058	SYNCHRONIZING PULSE INPUT AND OUTPUT									
A 45059	EFFECT ON WAVEFORMS									
A 45060	OUTPUT OF GATE GENERATOR									
A 45061	OUTPUT OF DECODER									
A-45062	FIG. 1. PLAN + ELEVATION OF FINAL APPROACH PATH FROM THE ENTRY POINT E TO TOUCHDOWN AIR	6673 SUMMARY REPORT	DISRAEL	GRIFFIN						

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45063

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A-45063	FIG. 2. TRACK-POSITION ON TRACK ALTITUDE	6673 SUMMARY REPORT	ISRAEL.	GRIFFIN						
				6-28-50						
B-45064	FIG. 3 REPRESENTATION OF A TRACK PROGRESS SCHEDULE	"	"	SHEAHAN						
				6-28-50						
B-45065	FIG. 4 OPTIMUM TRACK + PROGRESS SCHEDULE	"	"	SHEAHAN						
				6-28-50						
B-45066	FIG. 5 a-DESCENT STRAIGHT TRACK (IN ELEVATION) b-CURVED TRACK (IN HORIZONTAL PLANE) c-DESCENT PATH ON CURVED TRACK (IN PROJECTION)	"	"	GRIFFIN						
				6-28-50						
B-45067	FIG. 6 CROSSING PATHS IN A VERTICAL PLANE	"	"	"						
A-45068	FIG. 7 PATTERN FOR HOLDING + APPROACH	"	"	SHEAHAN						
				6-28-50						
A-45069	FIG. 8 DOWNWIND LAG + U-TURN INTO FINAL APPROACH	"	"	GRIFFIN						
				6-28-50						
A-45070	FIG. 9	"	"	"						
B-45071	FIG. 10 DESCENT PATHS FOR GROUND SPEEDS etc	"	"	"						
B-45072	FIG. 11 IDEALIZED PATTERN OF INITIAL + FINAL APPROACH	"	"	SHEAHAN						
				6-28-50						
B-45073	FIG. 12 DISTORTED INITIAL APPROACH TRACKS	"	"	"						
B-45074	FIG. 13 OPTIMUM INTERMEDIATE TRACKS	"	"	GRIFFIN						
				6-28-50						
B-45075	FIG. 14 INTRODUCTION OF A U-TURN INTO FINAL APPROACH	"	"	"						
B-45076	FIG. 15 INTRODUCTION OF AN INNER ORBIT CENTERED ON THE AIRPORT	"	"	"						
B-45077	FIG. 16 RESTRICTION TO ONE DIRECTION OF ROTATION ON THE INNER ORBIT	"	"	"						
B-45078	FIG. 17 MODIFICATION OF INITIAL APPROACH TRACKS TO PROVIDE ENTRY etc	"	"	"						
A-45079	FIG. 18 PART OF THE PATTERN OF FIG 15 IN ELEVATION	"	"	"						
B-45080	FIG. 19 INTRODUCTION OF AN OUTER ORBIT TO PROVIDE VARIATION OF TRACK LENGTH	"	"	"						
A-45081	FIG. 20 ALTERNATIVE USE OF AN OUTER ORBIT	"	"	SHEAHAN						
				6-28-50						
B-45082	FIG. 21 SIMPLIFIED PLAN OF APPROACH	"	"	"						
B-45083	FIG. 22 TRACKS FOR $\theta=0$ + $\theta=360^\circ$	"	"	"						

45084

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A-45084	FIG. 25. FIXED-PATH PATTERNS WITH MULTIPLE TRACKS	6673 SUMMARY REPORT	ISRAEL	SHERHAN						
A-45085	FIG. 26 PATHS ABOVE A TRACK	"	"	"						
A-45086	FIG. 27 AN ORBITAL APPROACH PATTERN	"	"	"						
B-45087	FIG. 28 WIDE-SWEEP PATTERN	"	"	"						
A-45088	FIG. 29 HELICAL DESCENT PATTERN	"	"	"						
B-45089	FIG. 30 A MOVING-CURVE SYSTEM etc A SPIRAL REFERENCE PATH	"	"	"						
B-45090	?	"	"	"						
A 45091	FIG. 31 MOVING SCHEDULE POINT IN VARIABLE RATE AZIMUTH CONTROL SYSTEM	"	"	"						
A 45092	FIG. 32 FIXED-RATE AZIMUTH CONTROL ABOUT A POINT REMOTE FROM THE NAV FACILITY	"	"	"						
A 45093	FIG. 3a, 4, 10	(R-191)	W. LINDVALL	A. GRIFFIN						
A 45094	BLOCK DIAGRAM OF OVERHULL SYSTEM WITH COMPENSATION FIG. 2		"	"						
A 45095	OVERHULL SPEED CONTROL SYSTEM WITH AIR SPEED FEED BACK FIG. 3		"	"						
A 45096	CORRUPTIONS 1, 2, 4 & REFERRED TO THE INPUT FIG. 5		"	"						
A 45097	SATURATION AMPLITUDE OF INCREMENTAL OUTPUT DISPLACEMENT etc FIG. 6		"	"						
A 45098	INCREMENTAL SPEED CHANGE WHICH CAN BE MADE AT THE BOUNDARY etc FIG. 7		"	"						
A 45099	ADDITIONS OF A HIGH-PASS FILTER TO THE CIRCUIT OF FIG. 3 etc FIG. 8		"	"						
A 45100	IMPROVED OVERHULL SYSTEM DESIGNED TO REDUCE CORRUPTION FIG. 9		"	"						
B 45101	SCALES FOR 6" SCOPE		D. ISRAEL	M. MATIAS						
A 45102	DEMULTIPLEXER FIG. 2		L. BENSKY	A. BRITTON						CONFIDENTIAL
A 45103	CHANNEL 0 FILTER AMPLIFIER & SUPPLIER PANEL LAYOUT FIG. 3		L. BENSKY	BRUNSWICK						CONFIDENTIAL
A 45104	FIG. 4 - FIG. 5 - FIG. 6		L. BENSKY	BRUNSWICK						CONFIDENTIAL

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45105

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
D 45105 ✓	RADAR TRACKING PROGRAM I		R. WALQUIST	M. MATAS						CONFIDENTIAL
C 45106 ✓	SYSTEM BLOCK DIAGRAM FOR RADAR UNIT TO WWI CONVERSION		L. BENSKY	BRUNSWICK						CONFIDENTIAL
SC 45107 ✓	RADAR TRACKING PROGRAM II		D. ISRAEL	D. ISRAEL						CONFIDENTIAL OBSOLETE
SC 45108	PROGRAM FOR TRACKING A SINGLE AIRCRAFT		D. ISRAEL	D. ISRAEL						
SA 45109 ✓/✓	PRE-AMPLIFIERS FOR 16 IN. SCOPE		R. BEST	R. BEST						
R 45110 ✓/✓	ASSEMBLY, SCOPE UNIT 16 INCH DISPLAY OSCILLOSCOPE (WWI)		R. HUNT	MANNING	C.W. WATT				H.F.	PARTS LIST
D 45111 ✓/✓	SUB-ASSEMBLY, COIL POSITIONING UNITS, SCOPE UNIT, WWI		R. HUNT	MANNING	R. WIESER				H.F.	PARTS LIST
E 45112 ✓/✓	MAIN ASSEMBLY, 16 INCH DISPLAY OSCILLOSCOPE WWI		R. HUNT	MANNING	C.W. WATT				H.F.	PARTS LIST
E 45113 ✓/✓	SUB-ASSEMBLY & ILL. PANEL DETAIL, TUBE FRAME UNIT WWI		R. HUNT	R. COSTELLO	C.W. WATT				H.F.	
D 45114 ✓/✓	ASSEMBLY, TUBE FRAME UNIT, SCOPE UNIT WWI		R. HUNT	ADAMS	C.W. WATT				H.F.	
B 45115 ✓/✓	RING SUPPORT - FOCUSING COIL, COIL POSITIONING UNITS WWI		R. HUNT	M. MATAS	R. WIESER				H.F.	
B 45116 ✓/✓	VERT. COIL DOVETAIL BLOCK, COIL POSITIONING UNITS WWI		R. HUNT	M. MATAS	R. WIESER				H.F.	
B 45117 ✓/✓	VERTICAL & HORIZONTAL STATIONARY SLIDE, COIL POSITIONING UNITS, WWI		R. HUNT	COSTELLO	R. WIESER				H.F.	
B 45118 ✓/✓	GIB, COIL POSITIONING UNITS, (WWI)		R. HUNT	COSTELLO	R. WIESER				H.F.	
A 45119 ✓/✓	PLATE, DOVETAIL BLOCK DISPLAY UNIT, WWI		R. HUNT	R. COSTELLO	R. WIESER				H.F.	
A 45120 ✓/✓	THUMB SCREW, VERTICAL & HORIZONTAL ADJUSTMENT-DISPLAY UNIT, WWI		R. HUNT	R. COSTELLO	R. WIESER				H.F.	
B 45121 ✓/✓	VERTICAL PLATE-FOCUSING COIL FRAME-DISPLAY UNIT, WWI		R. HUNT	COSTELLO	R. WIESER				H.F.	
A 45122 ✓/✓	BOTTOM PLATE-FOCUSING COIL FRAME COIL POSITIONING UNITS WWI		R. HUNT	D. LUCA	R. WIESER				S.H.D.	
A 45123 ✓/✓	ANGLE BRACE, FOCUSING COIL FRAME, DISPLAY UNIT, WWI		R. HUNT	M. MATAS	R. WIESER				H.F.	
B 45124 ✓/✓	PLATE-VERTICAL & HORIZONTAL SLIDE, COIL POSITIONING UNITS, WWI		R. HUNT	COSTELLO	R. WIESER				H.F.	
H 45125 ✓/✓	THUMB SCREW-SECONDARY ADJUSTMENT DISPLAY UNIT, WWI		R. HUNT	M. MATAS	R. WIESER				H.F.	

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45126

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
B 45126-2 VV	FOCUSING COIL, DISPLAY UNIT, WWI		R. HUNT	R. COSTELLO	C. R. WIESER			H.F.		
			2-28-51	2-21-51	3-1-51			3-1-51		
B 45127-1 VV	HORIZONTAL DOVETAIL BLOCK, DISPLAY UNIT, WWI		R. HUNT	M. MATIAS	R. WIESER			H.F.		
			2-28-51	2-14-51	3-1-51			3-1-51		
A 45128-1 VV	SCREW, GIB SET DISPLAY UNIT, WWI		R. HUNT	M. MATIAS	R. WIESER			H.F.		
			2-28-51	2-15-51	3-1-51			3-1-51		
B 45129-1 VV	ASSEMBLY, DEFLECTION YAKE COIL POSITIONING UNITS (WWI)		R. HUNT	R. COSTELLO	C. W. WATT			H.F.		
			3-29-51	3-22-51	3-29-51			3-29-51		- DISCONTINUED
B 45130-1 VV	BASE DEFLECTION YAKE, COIL POSITIONING UNITS, WWI		R. HUNT	R. COSTELLO	C. W. WATT			H.F.		
			3-29-51	3-20-51	3-29-51			3-29-51		- DISCONTINUED
C 45131-1 VV	PLATE, VERTICAL DEFLECTION YAKE FRAME, COIL POSITIONING UNITS (WWI)		R. HUNT	R. COSTELLO	C. W. WATT			H.F.		
			3-29-51	3-19-51	3-29-51			3-29-51		
B 45132-1 VV	TOP VERTICAL DEFLECTION YAKE FRAME, COIL POSITIONING UNITS WWI		R. HUNT	R. COSTELLO	C. W. WATT			H.F.		
			3-29-51	3-19-51	3-29-51			3-29-51		
A 45133-1 VV	PLATE, BOTTOM DEFLECTION YAKE FRAME, COIL POSITIONING UNITS WWI		R. HUNT	R. COSTELLO	C. W. WATT			H.F.		
			3-29-51	3-20-51	3-29-51			3-29-51		
C 45134-1 VV	ASSEMBLY AND DETAILS, FRONT CASTER, DISPLAY UNIT WWI		R. HUNT	R. COSTELLO				H.F.		
			3-30-51	3-6-51				3-30-51		
E 45135-1 VV	SUB-ASSEMBLY - CABINET 16" DISPLAY OSCILLOSCOPE WWI		R. HUNT	ADAMOVSKY				H.F.		PARTS LIST
			8-30-51	7-24-51				8-30-51		
E 45136-1 VV	FRONT FRAME SUB-ASSEMBLY + DETAILS, 16 INCH DISPLAY OSCILLOSCOPE WWI		R. HUNT	ADAMOVSKY	C. W. WATT			H.F.		
			8-20-51	7-25-51	8-20-51			8-20-51		
R 45137-1 VV	BACK FRAME SUB ASSEMBLY + DETAILS, 16 INCH DISPLAY OSCILLOSCOPE WWI		R. HUNT	ADAMOVSKY	C. W. WATT			H.F.		
			8-21-51	8-18-51	8-22-51			8-22-51		
A 45138-1 VV	THREADED INSERT, SCOPE UNIT, WWI			R. COSTELLO	C. W. WATT			H.F.		
				3-13-51	4-17-51			4-17-51		
E 45139-1 VV	CIRCUIT SCHEMATIC 16" DISPLAY OSCILLOSCOPE UNIT		R. HUNT	BRANSWICK	C. W. WATT			H.F.		
			10-15-51	9-14-51	10-17-51			10-17-51		
C 45140-2 VV	FRONT PANEL, SCOPE UNIT WWI		C. W. WATT	ADAMOVSKY				H.F.		
			4-10-51	3-26-51				4-10-51		
C 45141-1 VV	LIGHT SHIELD, SCOPE UNIT, WWI		R. HUNT	C. W. WATT	C. W. WATT			H.F.		
			3-26-51	3-23-51	3-26-51			3-26-51		
C 45142-1 VV	LIGHT EJECTOR BAND-SCOPE UNIT, WWI		R. HUNT	R. COSTELLO	C. W. WATT			H.F.		
			3-26-51	3-26-51	3-26-51			3-26-51		
A 45143-1 VV	BAND OFF, PLASTIC RING SUPPORT, SCOPE UNIT WWI		C. W. WATT	ADAMOVSKY				H.F.		
			4-10-51	3-26-51				4-10-51		
A 45144-1 VV	SLIDE FOR PLASTIC RING SUPPORT, SCOPE UNIT WWI		C. W. WATT	ADAMOVSKY				H.F.		
			4-10-51	3-27-51				4-10-51		
D 45145-1 VV	GUSSET PLATE, RIGHT-SCOPE UNIT, WWI		R. HUNT	R. COSTELLO	C. W. WATT			H.F.		
			4-4-51	3-26-51	4-4-51			4-4-51		
D 45146-1 VV	GUSSET PLATE, LEFT-SCOPE UNIT WWI		R. HUNT	R. COSTELLO	C. W. WATT			H.F.		
			4-4-51	3-27-51	4-4-51			4-4-51		

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45147

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
C 45147-1	DIALS ASSEMBLY, SCOPE UNIT WWI		R. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			4-13-51	3-29-51	4-13-51			4-13-51		
A 45148	SHIM, HINGE - SCOPE UNIT (WWI)		C.W. WATT	CASTELLO				H.F.		
			4-10-51	3-28-51				4-10-51		
D 45149-4	ASSEMBLY - AUXILIARY PANEL 16 INCH DISPLAY OSCILLOSCOPE (WWI)		R. HUNT	MANNING	C.W. WATT			H.F.		PARTS LIST
			9-18-51	8-24-51	9-17-51			9-19-51		
B 45150	BLOWER MOUNTING PLATE, SCOPE UNIT WWI		R. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			4-3-51	3-27-51	4-3-51			4-4-51		
A 45151	BLOWER SHOCK WASHER, SCOPE UNIT WWI		R. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			4-3-51	3-27-51	4-3-51			4-4-51		
B 45152-1	BLOWER MIDGET, SCOPE UNIT WWI		C.W. WATT	ADAMCHUCK				H.F.		
			4-10-51	4-3-51				4-10-51		
A 45153-1	SCREW, THREE-DEFLECTION Yoke FRAME, SCOPE UNIT WWI		R. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			3-29-51	3-28-51	3-29-51			3-29-51		
B 45154	HINGE, SCOPE UNIT WWI		C.W. WATT	CASTELLO				H.F.		
			4-10-51	4-9-51				4-10-51		
D 45155-6	CHANNEL, PACK SUPPORT, SCOPE UNIT WWI		R. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			4-4-51	4-3-51	4-4-51			4-4-51		
C 45156-2	SCREEN, TUBE - SCOPE UNIT WWI		C.W. WATT	ADAMCHUCK				H.F.		
			4-10-51	4-2-51				4-10-51		
C 45157-1	RING CLAMP, GRID, SCOPE UNIT WWI		R. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			4-13-51	4-4-51	4-13-51			4-13-51		
A 45158-1	LIGHT CAP, DIAL EDGE LIGHTING, SCOPE UNIT WWI			ADAMCHUCK	C.W. WATT			H.F.		
				4-13-51	4-17-51			4-17-51		
45159										
E 45160-1	ASSEMBLY, 35 MM CAMERA MOUNT 16" DISPLAY OSCILLOSCOPE (WWI)		R. E. HUNT	ADAMCHUCK	C.W. WATT			H.F.		PARTS LIST
			5-17-51	4-25-51	5-17-51			5-17-51		
D 45161	SUB-ASSEMBLY MOUNTING FRAME, 35 MM CAMERA MOUNT WWI		R. E. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			5-16-51	4-20-51	5-17-51			5-17-51		
C 45162	ANGLE, MOUNTING FRAME WWI		R. E. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			5-16-51	4-17-51	5-17-51			5-17-51		
C 45163	LEFT SHAFT, MOUNTING FRAME WWI		R. E. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			5-16-51	4-26-51	5-17-51			5-17-51		
C 45164	LEFT CHANNEL, MOUNTING FRAME WWI		R. E. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			5-16-51	4-18-51	5-7-51			5-7-51		
C 45165	RIGHT CHANNEL, MOUNTING FRAME WWI		R. E. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			5-16-51	4-17-51	5-17-51			5-17-51		
D 45166	SUB-ASSEMBLY, CAMERA HOOD 35 MM CAMERA MOUNT WWI		R. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			5-17-51	5-1-51	5-17-51			5-7-51		
D 45167	HOOD, CAMERA		R. HUNT	ADAMCHUCK	C.W. WATT			H.F.		
			5-17-51	4-26-51	5-17-51			5-17-51		

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45168

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
B45168	PLATE, CAMERA MOUNTING, CAMERA MOUNT WWT		R. HUNT	ADAMCHUK	C.W. WATT			H.F.		
A45169	RECESS FILLER		R. HUNT	ADAMCHUK	C.W. WATT			H.F.		
A45170	LIGHT SEAL CAMERA MOUNTING PLATE WWT		R. HUNT	ADAMCHUK	C.W. WATT			H.F.		
A45171	THUMB SCREW, CAMERA MOUNT WWT		R. HUNT	ADAMCHUK	C.W. WATT			H.F.		
E45172-5	AL. CHASSIS DETAIL - DEFLECTION AMPLIFIER SCOPE UNIT (WWT)		R. BEST	MANNING	C.W. WATT			H.F.		
D45173-7	SUB-ASSEMBLY, DEFLECTION AMPLIFIER SCOPE UNIT (WWT)			MANNING	C.W. WATT			S.H.D.		PARTS LIST
D45174-3	SUB-ASSY + DETAIL, INTENSITY Selection Panel 16" Display Oscilloscope WWT		R. HUNT	A. ANETTIE	C.W. WATT			H.F.		PARTS LIST
D45175-1	SUB-ASSEMBLY + DETAIL INTENSITY INPUT PANEL 16" DISPLAY OSCILLOSCOPE WWT		R. HUNT	ADAMCHUK	C.W. WATT			H.F.		PARTS LIST
E45176	REAR COVER PANEL DETAIL 16" DISPLAY OSCILLOSCOPE WWT		R. HUNT	A. ANETTIE	C.W. WATT			H.F.		
C45177-1	LIGHT TRAP & AIR OUTLET DETAIL - 16" DISPLAY OSCILLOSCOPE WWT		R. HUNT	A. ANETTIE	C.W. WATT			H.F.		
A45178-1	LT & RT SCREEN FRAME 16" DISPLAY OSCILLOSCOPE WWT		R. HUNT	ANNETTIE	C.W. WATT			H.F.		
A45179	AIR OUTLET SCREEN, 16" DISPLAY OSCILLOSCOPE WWT		R. HUNT	A. ANETTIE	C.W. WATT			H.F.		
A45180-1	STANDOFF, THREADED 16" DISPLAY OSCILLOSCOPE WWT		R. HUNT	A. ANETTIE	C.W. WATT			H.F.		
B45181-7	CIRCUIT SCHEMATIC, CHASSIS, BLANKING & IRE UNIT, AUX. PANEL 16" DISPLAY OSCILLOSCOPE, WWT		R. GOULD	A. BAULUIS	T. O'BRIEN			H.F.		
D45182-8	SUB-ASSY CHASSIS, BLANKING & IRE UNIT, AUX. PANEL 16" DISPLAY OSCILLOSCOPE, WWT		R. GOULD	DECASTRA	C.W. WATT			A. BRIEN		PARTS LIST
D45183-2	CHASSIS DETAIL, BLANKING & IRE UNIT, AUX. PANEL 16" DISPLAY OSCILLOSCOPE, WWT		R. HUNT	A. ANETTIE	C.W. WATT			H.F.		
D45184-3	AL. PANEL DETAIL - AUXILIARY PANEL 16 INCH DISPLAY OSCILLOSCOPE WWT		R. HUNT	A. ANETTIE	C.W. WATT			H.F.		
A45185-1	SHIELD LIP CONNECTOR, 16" DISPLAY OSCILLOSCOPE WWT		R. HUNT	A. ANETTIE	C.W. WATT			H.F.		
A45186	Holder Cable High Voltage 16" Display Oscilloscope WWT		R. HUNT	WILSON	C.W. WATT			H.F.		
C45187	EXTERNAL Power Cable Pa. 16" Display Scope (Cabinet) WWT		R. HUNT	R. DICKIE	C.W. WATT			H.F.		
A45188-1	SUB-ASSY INTENSITY INTERCONNECTION VIDEO Cable WWT		R. HUNT	ADAMCHUK	C.W. WATT			H.F.		PARTS LIST

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45189

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
C 45189	EXTERNAL POWER Cable P2.16" Display ✓ "SCOPE (RACK) WWI		R. HUNT	Adams, huk	C. WATT			H.F.		
			10-25-51	10-25-51	10-25-51			10-25-51		
C 45190	EXTERNAL POWER Cable P2.16" Display ✓ "SCOPE (Rack & Shelf) WWI		R. HUNT	Adams, huk	C. WATT			H.F.		
			10-25-51	10-25-51	10-25-51			10-25-51		
45191										
45192										
45193										
45194										
45195										
45196										
45197										
45198										
45199										
45200										
45201										
45202										
45203										
45204										
45205										
45206										
45207										
45208										
45209										

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45210

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
SD45210-1 ✓	INTERCEPTION PROGRAM		D. ISRAEL	D. ISRAEL						CONFIDENTIAL
SC45211-1 ✓	SIMPLE AIRCRAFT TRACKING AND GUIDANCE (RTP-II)		D. ISRAEL	D. ISRAEL						CONFIDENTIAL
C 45212-1 ✓	CIRCUIT SCHEMATIC - 5000 VOLT POWER SUPPLY, MOD. I MTC		R. BEST	A. GRIFFIN	W. OGDEN					N.H.T. WOODEN 4-6-51 12954
A 45213 ✓	PRE-AMPLIFIER FIG. 1	THESIS	R. BEST	R. BEST						
A 45214 ✓	OUTPUT AMPLIFIER FIG. 2	THESIS	R. BEST	R. BEST						
A 45215 ✓	FEEDBACK PHASE INVERTER FIG. 3	THESIS	R. BEST	R. BEST						
A 45216 ✓	AMPLIFIER TEST BLOCK DIAGRAM FIG. 4	THESIS	R. BEST	R. BEST						
A 45217 ✓	INTENSIFYING AND SWEEP GENERATORS FIG. 5	THESIS	R. BEST	R. BEST						
A 45218 ✓	FIG. 6 - FIG. 1	THESIS	R. BEST	R. BEST						F-1252
A 45219 ✓	FIG. 17	THESIS	R. BEST	R. BEST						F-1253
A 45220 ✓	AMPLIFIER CHASSIS FIG. 18	THESIS	R. BEST	R. BEST						F-1254
A 45221 ✓	AMPLIFIER, DISPLAY TUBE AND HIGH VOLTAGE POWER SUPPLY FIG. 19	THESIS	R. BEST	R. BEST						F-1250
SA45222-1 ✓	BUFFER AND PHASE INVERTER FOR 16 IN. SCOPE		R. BEST	R. BEST						
A 45222 ✓	FLEXOWRITER CODE		J. GILMORE	M. MATAS						
B 45224 ✓	ARRANGEMENT OF CASE TABLE, ORDER SUB-TABLES + ORDER TABLE IN STORAGE ETC		J. GILMORE	M. MATAS						
A 45225-1 ✓	LIST OF FLEXOWRITER CHARACTERS ASSOCIATED 2 THE CASE + ORDER TABLES		J. GILMORE	M. MATAS						
A 45226 ✓	REPRESENTATION OF INSTRUCTION ON FLEXOWRITER AND 5-5-6 TAPE		J. GILMORE	M. MATAS						
A 45227 ✓	REPRESENTATION OF POSITIVE CONSTANTS ON FLEXOWRITER STANDARD TAPE ETC		J. GILMORE	M. MATAS						
A 45228 ✓	REPRESENTATION OF NEGATIVE CONSTANTS ON FLEXOWRITER STANDARD TAPE ETC		J. GILMORE	M. MATAS						
B 45229-1 ✓	5-5-6 INPUT OR CHECK PROGRAM		J. GILMORE	M. MATAS						
C 45230 ✓	FLOW DIAGRAM FOR "FLEXOWRITER TO 5-5-6" CONVERSION PROGRAM TAPE *T138		J. GILMORE	M. MATAS						

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45231

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS	REMARKS
						1	2	3		
A 45231	(NO ASSIGNED TITLE)		J. GILMORE	M. MATAS						
SC-45232	LAYOUT FOR 16-INCH DEFL. AMP.		R. BEST	R. BEST						
SA-45233	FINAL AMP. FOR 16-INCH SCOPE		R. BEST	R. BEST						
A 45234	FLEXO CONVERSION PROGRAM T138		J. GILMORE	J. GILMORE						6 pages
SA 45235	CIRCUIT SCHEMATIC AUTOMATIC CAMERA		R. HUNT	R. HUNT						
SA 45236	CIRCUIT SCHEMATIC CAMERA REMOTE CONTROL PANEL		R. HUNT	R. HUNT						
A 45237	DIAGRAMMATIC DESCRIPTION OF A COMPUTER PROGRAM + S-PLANE CONTROLLER	E-2019	J. SALZER	BRUNSWICK						F-1290
A 45238-1	OSCILLATORY RESPONSE OF SECOND-ORDER SYSTEM TO PARABOLIC DRIVING FUNCTION	E-2019	J. SALZER	BRUNSWICK						F-1291 S331 + S332
A 45239-1	OVER-DAMPED RESPONSE OF SECOND-ORDER SYSTEM TO PARABOLIC DRIVING FUNCTION	E-2019	J. SALZER	BRUNSWICK						F-1292 S333 + S334
A 45240-1	OVER-DAMPED RESPONSE OF SECOND-ORDER SYSTEM TO PARABOLIC DRIVING FUNCTION	E-2019	J. SALZER	BRUNSWICK						F-1293
A 45241	ADAPTATION DIGITAL COMPUTERS TO CONTROL SYSTEM		J. SALZER	BRUNSWICK						F-1294 S335
A 45242	A TYPICAL FEEDBACK CONTROL SYSTEM		J. SALZER	BRUNSWICK						F-1295 S336
A 45243	AMPLITUDE VARIATION OF INTEGRATION OPERATIONS		J. SALZER	BRUNSWICK						F-1296
A-45244	A CONVENTIONAL SERVO AND ONE HAVING A SAMPLED-DATA SECTION		W. LINVILLE	M. MATAS						
A-45245	A COMPARISON BETWEEN A SAMPLED-DATA CONTROL SYSTEM AND A CONVENTIONAL TYPE		W. LINVILLE	M. MATAS						
SA 45246	PRINTED RECORD OF TRACKING-WHILE-SCANNING		J. ARNOLD	COMPUTER						CONFIDENTIAL
SB 45247	AUXILIARY CIRCUITS FOR 16-INCH DISPLAY SCOPE		R. BEST	R. BEST						
SC 45248	AUTOMATIC PICKUP I		D. KEMPER	D. KEMPER						CONFIDENTIAL
SB 45249	BTP-2		D. KEMPER	D. KEMPER						CONFIDENTIAL
A 45250	LABELS FOR -5000 VOLT TV POWER SUPPLY		R. BEST	M. MATAS						H.H.T. 4-6-51
SA 45251-1	INTENSIFICATION FLIP-FLOP FOR 304-H SCOPE		D. BEST	R. BEST						

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45252

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A 45252	USES OF DIGITAL-ANALOG CONVERSION DEVICES ✓✓ (1) DIGITAL COMPUTER CONTROL SYSTEMS	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45253	USES OF DIGITAL-ANALOG CONVERSION DEVICES ✓✓ (2) SERVO MECHANISM CONTROL SYSTEMS	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
B 45254	USES OF DIGITAL-ANALOG CONVERSION DEVICES ✓✓ (3) STORAGE OF INFORMATION	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45255	✓✓ CASCADED CATHODE-FOLLOWER USED AS A CONSTANT-CURRENT SOURCE	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45256	✓✓ CONSTANT CURRENT SOURCE INCORPORATING A FLIP-FLOP AS THE "HOLDING" OR STORAGE MEDIUM	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45257	✓✓ CONSTANT CURRENT SOURCE WITH PUSH-PULL OUTPUT & IMPROVED SWITCHING	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45258	✓✓ VOLTAGE SOURCE SWITCHING CIRCUIT	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45259	✓✓ BASIC BINARY-WEIGHTED DECODER CIRCUIT USING VOLTAGE SOURCES	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45260	✓✓ BINARY-WEIGHTED DECODER CIRCUIT USING EQUAL VALUED CURRENT SOURCES	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45261	✓✓ IMPROVED BINARY-WEIGHTED DECODER CIRCUIT USING VOLTAGE SOURCES	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45262	✓✓ BLOCK DIAGRAM FOR STATIC TESTING OF TWO DIGIT DECODER	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45263	✓✓ BLOCK DIAGRAM FOR DYNAMIC TESTING OF TWO DIGIT DECODER	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
B 45264	✓✓ POWER SUPPLY REGULATOR FOR DECODER	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
45265										
A 45266	✓✓ INPUT SET & CLEAR PULSES & OUTPUT WAVEFORM FOR SINGLE DECODER CHANNEL	THESIS	WALQUIST	BRUNSWICK 4-25-51						F-1327 MN
A 45267	✓✓ OUTPUT WAVEFORMS FOR TWO DECODER CHANNELS	THESIS	WALQUIST	BRUNSWICK 4-25-51						F-1328 MN
A 45268	✓✓ CATHODE & PLATE CIRCUIT WAVEFORMS OF FLIP-FLOP	THESIS	WALQUIST	BRUNSWICK 4-25-51						F-1329 MN
A 45269	✓✓ DECODER RESPONSE TO POSITIVE & NEGATIVE INPUT PULSES	THESIS	WALQUIST	BRUNSWICK 4-25-51						F-1330 MN
B 45270	✓✓ FINAL DESIGN OF TWO DECODER CHANNELS INCLUDING CHECKING CIRCUIT	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45271	✓✓ EQUIVALENT CIRCUIT FOR CASCADED CATHODE-FOLLOWER	THESIS	WALQUIST	BRUNSWICK 4-25-51						MN
A 45272	✓✓ EQUIVALENT CIRCUITS FOR VOLTAGE SOURCE SWITCHING CIRCUIT	THESIS	WALQUIST	BRUNSWICK						MN

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452707

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A45273-G W	WARMUP DRIFT OF DECODER OUTPUT VOLTAGE	THESIS	WALQUIST	BRUNSWICK 5-1-51						MN
A45274 W	SAMPLES OF RECORDING TAPE SHOWING DECODER OUTPUT VOLTAGE	THESIS	WALQUIST	BRUNSWICK 5-1-51						F-1341 MN
B45275-G W	STATIC DRIFT TEST OF DECODER OUTPUT VOLTAGE	THESIS	WALQUIST	BRUNSWICK 5-1-51						MN
A45276-G W	RELATIVE DRIFT BETWEEN TWO DECODER CHANNELS OUTPUT VOLTAGES etc	THESIS	WALQUIST	BRUNSWICK 5-1-51						MN
45277 W	EFFECTS OF QUANTIZATION AND SAMPLING ON AN ANALOG SIGNAL		WALQUIST	BRUNSWICK 5-1-51						
A45278 W	A METHOD FOR THE RAPID TRANSMISSION OF AN ACCURATE VOLTAGE MAGNITUDE	THESIS	WALQUIST	BRUNSWICK 5-1-51						MN
45279										
45280										
A45281 W	INPUT SYSTEM	THESIS	D. ISRAEL	A. GRIFFIN 5-1-51						
A45282 W	PLAN VIEW OF BOUNDARY BETWEEN AREAS	THESIS	D. ISRAEL	A. GRIFFIN 5-1-51						
A45283 W	CIRCUIT SCHEMATIC CHIME INDICATOR	E-2024	H. KIRSHNER	R. MILLER 5-4-51						
B45284 W	BLOCK SCHEMATIC LIGHT GUN + AMPLIFIER	E-2024	H. KIRSHNER	R. MILLER 5-4-51						
C45285 W	CIRCUIT SCHEMATIC LIGHT GUN + AMPLIFIER	E-2024	H. KIRSHNER	R. MILLER 5-4-51						
A45286 W	POWER SUPPLY REGULATOR FOR DECODER	THESIS	WALQUIST	B. SLAZER 5-10-51						F-1340 MN
A45287 W	EXPERIMENTAL TWO-DIGIT DECODER	THESIS	WALQUIST	B. SLAZER 5-10-51						F-1339 MN
A45288 W	EXAMPLE OF SAMPLING & CONVERSION DEVICES	THESIS	WALQUIST	A. GRIFFIN 5-10-51						MN
A45289 W	GRAPHICAL REPRESENTATION OF PATH OF AIRCRAFT BETWEEN TIMES T ₁ AND T ₂	THESIS	D. ISRAEL	A. GRIFFIN 5-11-51						
SB45290 W	CARRIER GENERATOR CHASSIS		D. BUCK	D. BUCK 5-21-51						
SB45291 W	LINE AMPLIFIER CHASSIS		D. BUCK	D. BUCK 5-22-51						
SB45292 W	MODULATOR CHASSIS		D. BUCK	D. BUCK 5-23-51						
SB45293 W	DEMODULATOR CHASSIS		D. BUCK	D. BUCK 5-29-51						

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452-94

DRAWING NUMBER	TITLE	USED IN	ORIGI-NATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
S A 45294	✓ MODULATED CARRIER VOICE CHANNEL	6673.	D. BUCK	D. BUCK						
	✓			5/29/51						
A 45295	✓ FIG-6, NAVORD REPORT, # 1032		ATRIDGE	6-6-51						F-1344 ✓ CONFIDENTIAL
A 45296	✓ FIG-7, NAVORD REPORT, # 1032		ATRIDGE	6-6-51						F-1345 ✓ CONFIDENTIAL
SB 45297	✓ BUFFER & PHASE INVERTER FOR 1/2-INCH SCOPE, MODEL 2		R. BEST	R. BEST						
	✓			6-6-51						
A 45298	✓ LIGHT GUN	E-2024	KIRSHNER	6-12-51						F-1298
	✓									
A 45299	✓ LIGHT GUN, COVERS OFF	E-2024	KIRSHNER	6-12-51						F-1299
	✓									
A 45300	✓ LIGHT-GUN AMPLIFIER	E-2024	KIRSHNER	6-12-51						F-1300
	✓									
D 45301	✓ PLAR COORDINATE CHART		J. ARNOW	R. CASTELLO						
	✓			6-18-51						
C 45302	✓ STORAGE CONTENTS RECORD OF PERFORMANCE FORM		J. GILMORE	A. GRIFFIN						
	✓			6-19-51						
A 45303	✓ EXAMPLE OF HOW A POSITIVE CONSTANT MAY BE EXPRESSED ON STANDARD TAPE		J. GILMORE	M. MITAS						
	✓			6-20-51						
A 45304	✓ FOUR DIFFERENT FORMS OF "STANDARD TELL TO TAPE"		J. GILMORE	M. MITAS						
	✓			6-20-51						
A 45305	✓ EXAMPLE OF HOW A NEGATIVE CONSTANT MAY BE EXPRESSED ON STANDARD TAPE		J. GILMORE	M. MITAS						
	✓			6-20-51						
SB 45306-1	✓ PRELIMINARY PROPOSAL #3, DATA DRUM SYSTEM		R. MAYER	R. MAYER						✓ CONFIDENTIAL ✓
	✓		(WALQVIST)	6-21-51						
SA 45307	✓ PRELIMINARY PROPOSAL, AUXILIARY STAGE DATA DRUM SYSTEM		R. MAYER	R. MAYER						
	✓		(WALQVIST)	6-21-51						
SA 45308	✓ FLOW DIAGRAM FOR COMPUTER PROCESSING OF RADAR INFORMATION		WALQVIST	WALQVIST						✓ CONFIDENTIAL ✓
	✓			6-21-51						
H 45309	✓ INCORPORATION OF A DIGITAL COMPUTER INTO A CONTROL SYSTEM	THESIS	J. SALZER	B. GLAZIER						
	✓			7-19-51						
A 45310	✓ Diagram of a mixed Digital-Analog Control System	THESIS	J. SALZER	B. GLAZIER						
	✓			7-19-51						
A 45311	✓ CONSTRUCTION OF THE LOCUS OF THE FIRST DIFFERENCE OPERATOR	THESIS	J. SALZER	A. GRIFFIN						
	✓			7-19-51						
A 45312	✓ ILLUSTRATION OF SAMPLING	THESIS	J. SALZER	BRUNSWICK						
	✓			7-19-51						
A 45313	✓ EMPIRICAL SPEC. OF A FUNCTION WITHOUT SAMPLING	THESIS	J. SALZER	BRUNSWICK						
	✓			7-19-51						
A 45314	✓ COMPARISON OF FIRST DIFFERENCE OPERATOR WITH FIRST DERIVATIVE OPERATOR	THESIS	J. SALZER	A. GRIFFIN						
	✓			7-20-51						

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45315

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
C 45315-4	CIRCUIT SCHEMATIC DEFLECTION AMPLIFIER SCOPE UNIT		R. BEST	M. MATAS						
A 45316	REPRESENTATION OF A SAMPLING-HOLDING UNIT	THESIS	J. SALZER	B. GLAZIER						
A 45317	EFFECT OF SAMPLING ON THE POLE CONFIGURATION OF THE TRANSFER FUNCTION	THESIS	J. SALZER	B. GLAZIER						
SC 45318-1	DATA PRINT-UP T-372		ROSSBACH	KEMPER						CONFIDENTIAL 2 SHEETS
A 45319	EFFECT OF SAMPLING IMPULSE MODULATION ON FREQUENCY CHARACTERISTICS	THESIS	J. SALZER	A. GRIFFIN						
A-45320	FIG. 2.22-2 THE LIMITATION OF BANDWIDTH DUE TO SAMPLING ILLUSTRATED IN THE FREQUENCY DOMAIN	THESIS	J. SALZER	F. BRUNSON						
A-45321	FIG. 2.22-3 THE LIMITATION OF BANDWIDTH DUE TO SAMPLING ILLUSTRATED IN THE TIME DOMAIN	THESIS	J. SALZER	F. B.						
A-45322	FIG. 2.12-1 THE FORM OF DATA THROUGH AN IDEAL SAMPLING-HOLDING UNIT	THESIS	J. SALZER	A. GRIFFIN						
A 45323	THE FORM OF DATA THROUGH AN IMPULSE-MODULATOR AND FILTER	THESIS	J. SALZER	M. MATAS						
A 45324	ILLUSTRATION OF CONFORMAL MAPPING TO OBTAIN THE LOCUS OF w_0 OF $1 - z^{-1}$	THESIS	J. SALZER	A. GRIFFIN						
A 45325	CONFORMITY OF POLLS OF PROGRAM TRANSFER FUNCTION IN S-PLANE AND Z-PLANE	THESIS	J. SALZER	M. MATAS						
A 45326	ILLUSTRATION OF INSTABILITY DUE TO MULTIPLE POLLS IN IMAGINARY AXIS	THESIS	J. SALZER	M. MATAS						
A 45327	Investigation of stability by Conformal Mapping in z-plane	Thesis	J. Salzer	A. Griffin						
A 45328	Investigation of stability by Conformal Mapping in z-plane	Thesis	J. Salzer	A. Griffin						
A 45329	FIG. 2.36-1 Illustration of Conformal Mapping to z-plane	Thesis	J. Salzer	A. Griffin						
A 45330	Investigation of stability by Conformal Mapping in z-plane	Thesis	J. Salzer	A. Griffin						
A-45331	EFFECT OF SECOND-DEGREE TERM ON LOCUS	Thesis	J. SALZER	M. MATAS						
A-45332	ILLUSTRATION OF CONFORMAL MAPPING TO OBTAIN LOCUS OF SINGLE TERM OF PROGRAM TRANS. FUNCTION	Thesis	J. SALZER	M. MATAS						
A-45333	LOCI OF SAMPLE TWO-TERM POLYNOMIALS	Thesis	J. SALZER	M. MATAS						
A-45334	LOCI OF FIRST-DEGREE PARTIAL FRACTIONS	Thesis	J. SALZER	M. MATAS						
A 45335	DIAGRAM PROGRAMMING LTD	THESIS	J. SALZER	B. GLAZIER						

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45336

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
						1	2	3		
A 45336	TABLE COMPARING EFFECTIVENESS OF PROGRAMMING METHODS	THESIS	J. SALZER	B. GLAZIER						MM
A 45337	COMPARISON OF PROGRAMMING METHODS AS APPLIED TO AN EXAMPLE	THESIS	J. SALZER	B. GLAZIER						MM
A 45338	DIAGRAM OF PARALLEL PROGRAMMING	THESIS	J. SALZER	B. GLAZIER						
A 45339	LOCUS OF BASIC PROGRAMS HAVING FIRST DEGREE NUMERATORS & SECOND-DEGREE DENOMINATORS	THESIS	J. SALZER	A. GRIFFIN						
A 45340	LOCUS OF A FOURTH DEGREE POLYNOMIAL TRANSFER FUNCTION	THESIS	J. SALZER	A. GRIFFIN						
A 45341	LOCUS OF RECIPROALS OF SECOND-DEGREE POLYNOMIALS	THESIS	J. SALZER	A. GRIFFIN						
A 45342	STABILITY STUDY BY CONFORMAL MAPPING OF FIRST-DEGREE DENOMINATORS	THESIS	J. SALZER	A. GRIFFIN						
A 45343	LOCUS OF IDEAL PREDICTOR	THESIS	J. SALZER	A. WILLIAMS						
A 45344	VARIATION OF VECTOR (Z-L-Z) WITH REAL FREQUENCY	THESIS	J. SALZER	A. WILLIAMS						
A-45345	IMPROVEMENT OF PREDICTION THROUGH PHASE AMPL. CORR. THE CLASSICAL SECOND-ORDER EXTENSION FORMULA	THESIS	J. SALZER	K. KENNEDY						
A-45346	Synthesis of Prediction Program having Second-Degree Denominator	Thesis	"	M. MATAS						
A-45347	Synthesis of Prediction Program having third degree denominator	Thesis	"	M. MATAS						
A-45348	Amplitude & Phase Characteristics of Prediction Program Synthesized from the Classical 2-order Extension Formula	"	"	"						
A-45349	Amplitude & Phase Characteristics of Prediction Program	"	"	"						
A-45350	Derivation of an Ideal-Phase Realizable Differentiating Operator	"	"	B. Glazier						
A-45351	LIMITS OF STABILITY OF A PREDICTION PROGRAM	Thesis	J. SALZER	M. MATAS						
A-45352	COMPARISON OF FIRST-DERIVATIVE AND FIRST-DIFFERENCE OPERATOR	"	J. SALZER	B. GLAZIER						
A 45353	Graphical Aid for the Construction of the Frequency Characteristics of the Program	" "	J. SALZER	A. WILLIAMS						
A 45354	Comparison of Classical Extrapolation Formulae & Ideal Prediction	"	"	B. Glazier						
A 45355	GRAPHICAL AID FOR THE CONSTRUCTION OF THE FREQUENCY CHARACTERISTICS etc	THESIS	J. SALZER	A. WILLIAMS						
A 45356	IMPROVEMENT OF PREDICTION THROUGH AMPLITUDE CORRECTION OF etc	THESIS	J. SALZER	A. WILLIAMS						

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DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS	REMARKS
						1	2	3		
A 45357	Relation of Conformal Maps To the Frequency of Divergent Oscillation	thesis	J. Salzer	B. Glazier						
A 45358	RELATION OF POLE LOCATION TO FREQUENCY OF DIVERGENT OSCILLATION	THESIS	J. SALZER	B. GLAZIER						
A-45359	POSSIBLE WAYS OF AUGMENTING A SAMPLED FUNCTION FOR FOURIER ANALYSIS	THESIS	J. SALZER	A. WILLIAMS						
A 45360	POSSIBLE WAYS OF AUGMENTING A CONTINUOUS FUNCTION FOR etc	THESIS	J. SALZER	B. GLAZIER						
A 45361	EVALUATION OF RELATIVE IMPORTANCE OF AMPLITUDE AND PHASE ERRORS	THESIS	J. SALZER	A. GRIFFIN						
A 45362	AMPLITUDE SPECTRA OF INPUT FUNCTIONS CHARACTERIZED IN THE FREQUENCY DOMAIN	THESIS	J. SALZER	A. WILLIAMS						
A 45363-G	CONSTRUCTION OF PHASE CHARACTERISTICS OF PROGRAM INVOLVING COMPLETE ROOTS	THESIS	J. SALZER	A. GRIFFIN						
A 45364-G	FAMILY OF LOG-MODULUS PLOTS OF VECTORS (Z ₁ -Z)	THESIS	J. SALZER	A. GRIFFIN						
A 45365-G	COMPARISON OF FORMS OF VARIOUS QUADRATURE FORMULAE	THESIS	J. SALZER	M. MATAS						
A 45366-G	FAMILY OF PHASE PLOTS FOR VECTORS (Z ₁ -Z)	THESIS	J. SALZER	M. MATAS						
45367										
A 45368-G	CONSTRUCTION OF LOG-MODULUS CHARACTERISTICS OF PROGRAM etc	THESIS	J. SALZER	B. GLAZIER						
A 45369-G	CONSTRUCTION OF PHASE CHARACTERISTICS OF PROGRAM INVOLVING REAL ROOT	THESIS	J. SALZER	A. WILLIAMS						
A 45370-G	CONSTRUCTION OF LOG-MODULUS CHARACTERISTICS OF PROGRAM INVOLVING COMPLEX ROOTS	THESIS	J. SALZER	B. GLAZIER						
A 45371-G	COMPARISON OF AMPLITUDE AND PHASE CHARACTERISTICS OF DIFFERENTIAL etc	THESIS	J. SALZER	A. WILLIAMS						
A 45372-G	COMPARISON OF AMPLITUDE CHARACTERISTICS OF DIFFERENTIATING OPERATORS	THESIS	J. SALZER	A. GRIFFIN						
A 45373	DERIVATION OF IDEAL PHASE GUT INTERPOLABLE DIFFERENTIATING OPERATOR	THESIS	J. SALZER	A. GRIFFIN						
A 45374	THE ROLE OF ANALOG FILTERS IN DIGITAL COMPENSATING TECHNIQUES	THESIS	J. SALZER	A. WILLIAMS						
A 45375-G	COMPARISON OF AMPLITUDE AND PHASE CHARACTERISTICS OF DIGITALLY etc	THESIS	J. SALZER	B. GLAZIER						
A 45376	POSITION CONTROL SYSTEM WITH DIGITAL COMPENSATION	THESIS	J. SALZER	A. WILLIAMS						
A 45377-G	OPEN-LOOP CHARACTERISTICS OF SAMPLED DATA POSITION CONTROL SYSTEM etc	THESIS	J. SALZER	B. GLAZIER						

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45378

DRAWING NUMBER	TITLE	USED IN	ORIGINATOR	DRAWN BY	ENG'G. APPROVAL	GRADED			CLASS.	REMARKS
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A 45378	STEPS IN SYNTHESIS OF COMPENSATING PROGRAM	THESIS	J. SALZER	A. GRIFFIN						
A 45379	OPEN-LOOP CHARACTERISTICS OF SAMPLED-DATA POSITION CONTROL etc	THESIS	J. SALZER	M. MATAS						
A 45380	OPEN-LOOP CHARACTERISTICS OF CONTINUOUS-DATA POSITION CONTROL SYSTEM etc	THESIS	J. SALZER	B. GLAZIER						
SC 45381	PWTET-I T-408		D. KEMPER	D. KEMPER						~ CONFIDENTIAL ~
SD 45382	TWO AIRCRAFT TRACKING BASED ON TRACK #1		D. ISRAEL	D. ISRAEL						~ CONFIDENTIAL ~
D 45383	FLOW DIAGRAM FOR INTERCEPTION PROGRAM	M-1343	D. ISRAEL	A. STRATIS						~ CONFIDENTIAL ~ RE-DRAWN 8-21-51
SC 45384	D. P. O.		D. KEMPER	D. KEMPER						~ CONFIDENTIAL ~
A 45385	FLOW DIAGRAM FOR INTERCEPTION COMPUTATIONS		D. ISRAEL	D. I.						~ CONFIDENTIAL ~
A 45386	FLOW DIAGRAM FOR TRACK WHILE SCAN OF TWO AIRCRAFT		D. ISRAEL	D. I.						~ CONFIDENTIAL ~
A 45387	A DIGITAL COMPUTER FILTERING A CONTINUOUS INPUT	SLIDES	W. LINVILLE	M. M.						F-1363 SH-342
A 45388	SAMPLED SIGNAL	SLIDES	W. LINVILLE	F. B.						F-1364 SH-343
A 45389	COMPUTER OUTPUT	SLIDES	W. LINVILLE	F. B.						F-1365 SH-344
A 45390	CONTINUOUS OUTPUT	SLIDES	W. LINVILLE	F. B.						F-1366 SH-345
A 45391	Time Domain, FREQUENCY DOMAIN	SLIDES	W. LINVILLE	M. M.						F-1367 SH-346
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APPROVED FOR PUBLIC RELEASE. CASE 06-1104.

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APPROVED FOR PUBLIC RELEASE. CASE 06-1104.

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