

AIRCRAFT STABILITY & CONTROL ANALYZER

M. I. T.

Archives Collection No. 1

Aircraft Stability and Control Analyzer
Massachusetts Institute of Technology
Servomechanisms Laboratory

Archives Collection No. 1

Donor: R. R. Everett, Division VI Document Room
Restriction: MITRE Personnel

Contract: NOa(S) 5216, Project 6295

This contract was awarded to investigate the feasibility of using an electrical computing machine which would be capable of accurate, rapid, and continuous solution of equations of motion and the accompanying auxiliary equations of an airplane.

As a result of this study, the Navy awarded a contract to the Servomechanisms Laboratory to design and construct the Whirlwind I Computer.

Project Dates: November 1944 - December 1945

AC#1 contains 860 items, and is arranged in chronological order. The items in this collection are classified ~~Confidential~~ and Un-classified.

REFERENCES

AUTHOR

Aronson, Joseph D.	Computation Book #1	-	DIC Project 6295 - July to September 1945
Boyd, Hugh R.	Computation Book #7	-	DIC Project 6295 - November to December 1944
	Computation Book #8	-	DIC Project 6295 - December 1944 to January 1945
	Computation Book #10	-	DIC Project 6295 - January 1945 to February 1946
Everett, Robert R.	Computation Book #11	-	DIC Project 6295 - June 1945 to February 1946
Florencourt, M. I.	Computation Book #1	-	DIC Project 6295 - September 1945 to February 1946
Hollnagel, Herbert P.	Computation Book #1	-	DIC Project 6295 - July to September 1945
	Computation Book #2	-	DIC Project 6295 - October to November 1945
Leary, Timothy, Jr.	Computation Book #3	-	DIC Project 6295 - December 1944 to March 1945
	Computation Book #III	-	DIC Project 6295 & 6345 - April 1945
Loud, Warren S.	Computation Book #1	-	DIC Project 6295 - January to May 1945
	Computation Book #2	-	DIC Project 6295 - May to July 1945
	Computation Book #3	-	DIC Project 6295 - July to August 1945
	Computation Book #4	-	DIC Project 6295 - August to October 1945
MacKechnie, H. K.	Computation Book #1	-	DIC Project 6295 - July to October 1945
Magurn, Martha V.	Computation Book #1	-	DIC Project 6295 - April to September 1945
Sweatt, William A.	Computation Book #1	-	DIC Project 6295 - April to September 1945
Swett, J. A.	Computation Book #1	-	DIC Projects 6295 & 6345 - December 1944 to May 1946
Tuttle, Kenneth B.	Computation Book #1	-	DIC Project 6295 - February to June 1945
	Computation Book #2	-	DIC Project 6295 - May to November 1945
	Computation Book #3	-	DIC Project 6295 - January 1945 to June 1946

*These computation books are now in AC-3

December 1963

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
	MCCP-28763	11 Aug 44	Specifications for Airplane Stability and Control Analyzer	Navy Bureau of Aeronautics	U U	21
	R-1	9 Jan 45	Precision Potentiometers	J. W. Forrester	U	
	R-3	12 Jan 45	A Vacuum Tube Watmeter	H. R. Boyd	U	
	R-2	13 Jan 45	6295 Procedures	J. W. Forrester	U	
	R-8	15 Jan 45	Adding Vectors with Autosyns	S. H. Dodd	U	
	R-4	16 Jan 45	Two Phase Induction Motors Characteristics as Torque Motors	T. Leary	U	
	R-6	17 Jan 45	Throttle Valve Preliminary Tests of First Model Designed for Control Loading in the Proposed Aircraft Analyzer	J. A. Swett	U	
	R-7	17 Jan 45	Viscosity vs. Leakage - High Pressure Leakage Tests	J. A. Swett	U	
	R-9	17 Jan 45	Arma Electrical Resolvers	J. W. Forrester	U	
	R-10	17 Jan 45	Preliminary Estimates of Numerical Value Ranges from the WBWT	J. W. Forrester	U	
	R-11	18 Jan 45	6295 Procurement - Availability to Other Projects	J. W. Forrester	U	
	R-5	20 Jan 45	Phase - Sensitive Detector	T. Leary	U	
	R-12	22 Jan 45	Lift Coefficient, CL Data from WBWT	J. W. Forrester	U	
	R-13	26 Jan 45	Strain Gauges for Control Force Measurement	J. W. Forrester	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
	R-14	30 Jan 45	Simulation of a Function of Several Variables (retyped copy of BTL Case 24945-1 date 17 December 1944)	BTL	QU	NN
	R-28	1 Feb 45	Resolver - Voltage Output and Phase Shift	H. W. Troop	U	
	R-15	5 Feb 45	Angles - Normal Ranges for High Precision Solution	J. W. Forrester	U	
	R-16	5 Feb 45	Calibration of RCA-5 Inch Oscilloscope	T. Leary	U	
	R-17	6 Feb 45	6295 Accountability Forms	J. W. Forrester	U	
	R-18	6 Feb 45	Aircraft Oscillations	J. W. Forrester	U	
	R-19	7 Feb 45	60-Cycle Modulator Circuit	T. Leary	U	
	R-22	22 Feb 45	Preliminary Investigation of Summing Circuits	G. J. Schwartz	U	
	R-23	27 Feb 45	Precision Potentiometers - Calculations on Precision Type	H. R. Boyd	U	
	R-25	1 Mar 45	Drawings for 6295	J. W. Forrester	U	
	R-27	7 Mar 45	List of Transformers	C. J. Paine	U	
	R-29	23 Mar 45	Electronic Summing Amplifier	H. W. Troop	U	
	R-35	23 Mar 45	Preliminary Tests of an Electro-magnetic Integrator	K. B. Tuttle	U	
	R-30	26 Mar 45	Potentiometers	J. W. Forrester	U	

ARCHIVES INVENTORY

SUBJECT	INDEX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
	R-31	30 Mar 45	Potentiometers - Bell Telephone Labs	J. W. Forrester	U	
	R-32	30 Mar 45	Brush Development Company	G. J. Schwartz	U	
	R-33	30 Mar 45	Tachometers	H. R. Boyd	U	
	R-34	3 Apr 45	Preliminary Study of Transformers	C. J. Paine	U	
	R-41	5 Apr 45	Strain Gauge Preamplifier	K. B. Tuttle	U	
	R-39	6 Apr 45	Time Schedule for Completion of the Control Force Demonstration	R. R. Everett	U	
	R-40	9 Apr 45	Amplifier Designation and Drawing Numbers	J. W. Forrester	U	
	R-21	13 Apr 45	Control Transformers - Voltage Output and Phase Shift	T. Leary	U	
	R-42	14 Apr 45	Filter, 60-Cycle Band Pass	K. B. Tuttle	U	
	R-43	17 Apr 45	Electronic Summing Amplifier (Third Report)	H. W. Troop	U	
	R-26	19 Apr 45	Parallel - T Networks	T. Leary	U	
	R-44	20 Apr 45	Detectors, Phase-sensitive, Full-wave	C. J. Paine	U	
	R-45	28 Apr 45	Notebook Data	J. W. Forrester	U	
	R-37	28 Apr 45	Control Column Loading Equipment Analysis of Component Parts	W. S. Loud	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
	R-24 Rev. 1	1 May 45	Data for Lift, Drag and Side Force Coefficients (orig. dated 28 February)	J. W. Forrester	U	
	R-36	3 May 45	Description of Proposed Control	R. R. Everett	U	
	R-38	4 May 45	Control Column Loading Equipment Stability and Gain of Proposed Closed - Cycle Schematic	W. S. Loud	U	
	R-48	4 May 45	Signal Calibrator - SM-504	G. J. Schwartz	U	
	R-49	10 May 45	Numerical Ranges for ASCA	WBWT Group	U	
	R-52	18 May 45	Low Pass RC Filter	K. B. Tuttle	U	
	R-53	1 Jun 45	Servo-amplifier - Analysis	W. S. Loud	U	
	R-54	27 Jun 45	Color Coding	H. R. Boyd	U	
	Memo	27 Jun 45	The Interconnection of ASCA Components (Supplement to page 54 Notebook 39)	J. W. Forrester	U	
	Letter	28 Jun 45	To: N. B. Nichols, Radiation Lab H. R. Boyd MIT - re: Diehl No. PPF-49-7 Control Motors	H. R. Boyd	U	
	R-55	29 Jun 45	Noise Level Test Preliminary Report	H. R. Boyd	U	
	R-58	7 Aug 45	Control System Information	J. W. Forrester	U	
	R-60	20 Aug 45	Reliability of Fixed Resistors	H. K. Mackechnie	U	
	R-59	21 Aug 45	Parallel-T as a Derivative Network	W. S. Loud	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXXXX IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
	R-65	23 Aug 45	Magnetic Shielding	K. B. Tuttle	U	
	R-61	13 Sep 45	Kollsman Tachometer	S. H. Dodd	U	
	R-62	15 Sep 45	Standard Atmosphere Data Received from WBWF	J. W. Forrester	U	
	R-63	18 Sep 45	ASCA Conference - September 14, 1945	S. H. Dodd	U	NN
	R-57	31 Oct 45	Drawings - Electrical Standardiza- tion for D.I.C. 6345	T. Leary	U	
	R-66	26 Nov 45	Planning Group	H. R. Boyd	U	
	R-56	17 Dec 45	Drawing and Print Procedures for D.I.C. Project 6345	H. R. Boyd	U	
	R-67	21 Dec 45	Drawings - Code System for Electrical Circuits	H. R. Boyd	U	
DWG. B-20000	R-4		Locked Rotor Torque Characteristics of Diehl FPF-49-5 Two Phase Four- Pole Motor	T. Leary	U	
B-20001-G	R-4		Locked Rotor Torque as a Function of Rotor-Stator Position for Diehl FPF-49-5 Two Phase Four-Pole Motor	T. Leary	U	
B-20002-G	R-4		Locked Rotor Torque as a Function of Rotor-Stator Position for Diehl FPF-49-5 Two Phase Four-Pole Motor	T. Leary	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXXXXXXXX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20003-G	R-6		Characteristics of First Throttle Valve Spindle Travel vs. Pressure	J. A. Swett	U	
Dwg. A-200004-G	R-6		Characteristics of First Throttle Valve Force on Spindle vs. Pressure	J. A. Swett	U	
Dwg. A-20005-G	R-6		Characteristics of First Throttle Valve Force on Spindle vs. Pressure	J. A. Swett	U	
Dwg. B-20006-G	R-4		Locked Rotor Torque vs. Control Voltage for Type XIX Synchro	T. Leary	U	
Dwg. B-20007-G	R-5		Output vs. Input for Phase-Sensitive Detector Circuit	T. Leary	U	
Dwg. B-20008-G	R-7		Pump Leakage vs. Oil Viscosity	J. A. Swett	U	
Dwg. B-20009-G	R-7		High Pressure Leakage Test	J. A. Swett	U	
Dwg. A-20010		18 Jan 45	Sketch of Earth and Body Axes		U	
Dwg. B-20011-G	R-5		Phase-sensitive Detector Circuit	T. Leary	U	
Dwg. B-20012-G	R-12		Limits of Shapes of Lift Curves	T. Leary	U	
Dwg. B-20013-G	R-12		Wind Tunnel Test Results on XP-55 Flap Model	T. Leary	U	
Dwg. B-20014-G	R-12		Wind Tunnel Test Results on XPZ4-1 Airplane	T. Leary	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20015-G	R-12		Wind Tunnel Test Results on XBTM-1 Airplane	T. Leary		
Dwg. B-20016-G			Voltage Output of Control Transformer as a Function of Rotor Position	H. Troop	U	
Dwg. B-20017-G			Voltage Output of Control Transformer as a Function of Rotor Position	H. Troop	U	
Dwg. B-20018-G			Voltage Output of Control Transformer as a Function of Rotor Position	H. Troop	U	
Dwg. B-20019-G			Voltage Output of Control Transformer as a Function of Rotor Position	H. Troop	U	
Dwg. B-20020-G	R-16		On Input Voltage for 20 Division Vertical Deflection Through Low Amplifier	T. Leary	U	
Dwg. B-0021-G	R-37		Transfer Locus of $\frac{XV}{XC}$ for Hydraulic Pre-amplifier for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-0022-G	R-37		Transfer Locus of $\frac{XV}{XC}$ for Hydraulic Pre-amplifier for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20023-G	R-37		Transfer Locus of $\frac{V}{G}$ for Accelerometer for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20024-G	R-27		Transfer Locus of $\frac{V}{G}$ for Accelerometer for Control Column Loading Equipment	W. S. Loud	U	

ARCHIVES INVENTORY

SUBJECT	KEYWORD INDEX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B20025-G	R-37		Transfer Locus of $\frac{XC}{V}$ for Torque Motor for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20026-G	R-37		Transfer Locus of $\frac{XC}{V}$ for Torque Motor for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20027-G	R-37		Transfer Locus of $\frac{VO}{V2}$ for Amplifier for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20028-G	R-37		Transfer Locus for $\frac{VO}{V2}$ for Amplifier for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20029-G	R-37		Transfer Locus for $\frac{1}{555} \frac{\theta_0}{XV}$ for Hydraulic Throttle Valve Plus Output System	W. S. Loud	U	
Dwg. B-20030-G	R-37		Transfer Locus of KG (S) for Control Column Loading Equipment with Potentiometer	W. S. Loud	U	
Dwg. B-20031-G	R-37		Transfer Locus of $\frac{V4}{\theta_0}$ for Derivative Circuit Accelerometer for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20032-G	R-37		Transfer Locus of $\frac{V4}{\theta_0}$ for Derivative Circuit Accelerometer for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20033-G	R-37		Transfer Locus of $\frac{V4}{\theta_0}$ for Derivative Circuit Accelerometer for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20034-G	R-19		A-C Output (Vo) vs. D-C Input (V1) for Various Modulator Circuits	T. Leary	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20035-G	R-19		A-C Output (V_o) vs. D-C Input (V_1) for Various Modulator Circuits	T. Leary	U	
Dwg. B-20036-G	R-19		Phase of 60 ~ Output Voltage (V_o) vs. D-C Input Voltage for Various Modulator Circuits	T. Leary	U	
Dwg. B-20037-G	R-28		Voltage Output of Resolver as a Function of Rotor Position	H. Troup	U	
Dwg. B-20038-G	R-28		Voltage Output of Resolver as a Function of Rotor Position	H. Troup	U	
Dwg. B-20039-G	R-28		Voltage Output of Resolver as a Function of Rotor Position	H. Troup	U	
Dwg. B-200-40-G	R-28		Transfer Locus of KG (s) for Control Column Loading Equipment with Added Tachometer	W. S. Loud	U	
Dwg. B-20041-G			Transfer Locus of KG (s) for Control Column Loading Equipment with Added Accelerometer	W. S. Loud	U	
Dwg. B-20042-G	R-26		V_o $\overline{V_1}$ vs. Frequency for 60 Cycle Parallel- T Networks for an Expanded Graph of V_o from 57-62 Cycles	T. Leary	U	
Dwg. B-20043-G	R-26		V_o $\overline{V_1}$ vs. Frequency for Parallel-T Networks Tuned to 60 Cycle Line Frequency	T. Leary	U	
Dwg. A-20044-G	R-24 Rev. 1		C_L Auxiliary Equation $f_2 (S_F)$	J. W. Forrester	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20045-G	R-24 Rev. 1		C_L Auxiliary Equation $f_3 (S_E)$	J. W. Forrester	U	
Dwg. A-20046-G	R-24 Rev. 1		C_D Auxiliary Equation Plot for $K_8 + K_9 f_4 (2)$	J. W. Forrester	U	
Dwg. A-20047-G	R-24 Rev. 1		C_D Auxiliary Equation Plot of $f_5 (S_F)$ for CW-27 Model	J. W. Forrester	U	
Dwg. A-200-48-G	R-24 Rev. 1		C_D Auxiliary Equation Plot of $f_6 (S_F)$ for CW-27 Model	J. W. Forrester	U	
Dwg. A-20049-G	R-24 Rev. 1		C_D Auxiliary Equation Plot of $K_{13} f_7 (S_e)$ for CW-27 Model	J. W. Forrester	U	
Dwg. A-20050-G	R-24 Rev. 1		C_D Auxiliary Equation Plots of Rudder Drag Increment	J. W. Forrester	U	
Dwg. A-20051-G	R-24 Rev. 1		Basic Curve for Side Force Coefficients	J. W. Forrester	U	
Dwg. A-20052-G	R-26		Effect of Increasing Parallel-T Network Components from their Correct Values	T. Leary	U	
Dwg. A-20053-G	R-26		Effect of Decreasing Parallel-T Network Components from their Correct Values	T. Leary	U	
Dwg. A-20054-G	R-26		Transfer Loci for Parallel-T Network R_s Assumed to be 0 in all Cases	T. Leary	U	
Dwg. B-20055-G			Voltage Output of Control Transformer as a Function of Rotor Position While Supplying 1000 OHM Load	C. J. Paine	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20056-G	R-26		Derivative Coefficient and Response to 60-Cycle Transients of Parallel-T Networks	T. Leary	U	
Dwg. B-20057-G	R-26		Phase Shift Through Parallel-T Networks	T. Leary	U	
Dwg. B-20058-G		12 Apr 45	Standard Form for Transfer Lock		U	
Dwg. B-20059-G	R-26		Brush Oscillograph Records of Response of Parallel-T Network to Modulated Inputs	T. Leary	U	
Dwg. A-20060	R-26		Parallel-T Network Response Traced from Brush Oscillograph Records	T. Leary	U	
Dwg. A-20061		4 Apr 45	Spacer (link)		U	
Dwg. B-20062-G	R-41		Voltage Gain of Two-Stage Strain-Gauge Preamplifier (Circuit - See Figure 3 on B-20222)	K. B. Tuttle	U	
Dwg. B-20063-G			Relative Card Height as a Function of Slider Angular Position for a Non-Linear Potentiometer		U	
Dwg. B-20064-G			Resistance Between Output Terminals of Non-Linear Potentiometer as a Function of Slider Angular Position		U	
Dwg. B-20065-G	R-42		Attenuation of 60 Cycle Band Pass Network as a Function of Frequency	K. B. Tuttle	U	
Dwg. B-20066-G	R-44		Diode Full Wave Phase-Sensitive Detector D-C Output as a Function of A-C Input	C.J..Paine	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20067-G	R-44		Diode Full-Wave Phase-Sensitive Detector D-C Output as a Function of A-C Input	C. J. Paine	U	
Dwg. B-20068-G	R-44		Triode Full-Wave Phase-Sensitive Detector D-C Output as a Function of A-C Input	C. J. Paine	U	
Dwg. B-20069-G	R-44		Triode Full-Wave Phase-Sensitive Detector D-C Output as a Function of A-C Input	C. J. Paine	U	
Dwg. B-20070-G	R-37		Transfer Locus of $\frac{V_4}{\theta_0}$ for Parallel-T Derivative Circuit Accelerometer for Control Column Loading Equipment	W. S. Loud	U	
Dwg. B-20071-G			Source Impedance of Cathode Follower as a Function of Signal Voltage	W. A. Sweatt	U	
Dwg. B-20072-G			Source Impedance of Cathode Follower as a Function of Signal Voltage	W. A. Sweatt	U	
Dwg. B-20073-G	R-52		Attenuation as a Function of Frequency	K. B. Tuttle	U	
Dwg. B-20074-G	R-52		Attenuation as a Function of Frequency	K. B. Tuttle	U	
Dwg. B-20075-G	R-52		Attenuation as a Function of Frequency	K. B. Tuttle	U	
Dwg. B-20076-G	R-38		Transfer Locus of KG (S) for Control Column Loading Equipment with Tachometer Only	W. S. Loud	U	
Dwg. B-20077-G	R-38		Transfer Locus of KG (S) for Control Column Loading Equipment with Accelerometer and Tachometer	W. S. Loud	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20078-G	R-38		Transfer Locus of KG (S) for Control Column Loading Equipment with Tachometer and Accelerometer	W. S. Loud	U	
Dwg. B-20079-G	R-43		Phase Shift in Summing Amplifier Model 5 as a Function of Signal Voltage	H. W. Troup	U	
Dwg. B-20080-G	R-43		Regulation of Summing Amplifier Model 4	H. W. Troup	U	
Dwg. B-20081-G			Source Impedance of Cathode Follower as a Function of Signal Voltage	W. A. Sweatt	U	
Dwg. B-20082-G			Source Impedance of Cathode Follower as a Function of Signal Voltage	W. A. Sweatt	U	
Dwg. B-20083-G			Source Impedance of Cathode Follower as a Function of Signal Voltage	W. A. Sweatt	U	
Dwg. B-20084-G	R-53		Transfer Locus of $\frac{1}{1 + Ts}$ for Diode Load Filter	W. S. Loud	U	
Dwg. B-20085-G	R-53		Transfer Locus of $\frac{1}{1 + Ts}$ for Parallel-T 120-Cycle Eliminator	W. S. Loud	U	
Dwg. B-20086-G	R-53		Transfer Locus of $\frac{1}{1 + Ts}$ for Low Pass Filter	W. S. Loud	U	
Dwg. B-20087-G	R-53		Transfer Loci for: A) Combined Effect for Filter Delays; B) Motor Output with no Inertial Load; C) Combined Effect on A and B	W. S. Loud	U	
Dwg. B-20088-G	R-53		Transfer Loci for A) Combined Effect for Filter Delays; B) Motor Output with no Inertial Load; C) Combined Effect on A and B	W. S. Loud	U	

ARCHIVES INVENTORY

SUBJECT	HYPERMOTION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20089-G	R-53		Transfer Loci for One and Two Lead Networks	W. S. Loud	U	
Dwg. B-20090-G	R-53		Transfer Loci Showing Effect of Lead Networks-Motor with no Inertial Load	W. S. Loud	U	
Dwg. B-20091-G	R-53		Transfer Loci Showing Effect of One and Two Lead Networks-Motor with no Inertial Load	W. S. Loud	U	
Dwg. A-20092-G	R-62		$\sqrt{\frac{P}{P_0}}$ vs. Standard Altitude	J. W. Forrester	U	
Dwg. A-20093-G	R-58		Position of Top of Control Column Inches Along arc of Movement	J. W. Forrester	U	
Dwg. A-20094-G	R-58		Variation of Elevator Position with Top of Control-Column Movement as Calibrated on the Ground with no Load on Surfaces	J. W. Forrester	U	
Dwg. A-20095-G	R-58		No Load Calibration of Elevator Control System	J. W. Forrester	U	
Dwg. A-20096-G	R-58		Relation Between Control Surface Deflection and Stick and Rudder Pedal Positions	J. W. Forrester	U	
Dwg. A-20097-G	R-58		Variation of Total Aileron Angle with Control-Wheel Angle as Measured on the Ground with no Load on the Control Surfaces	J. W. Forrester	U	
Dwg. A-20098-G	R-58		No Load Calibration of Aileron Control System	J. W. Forrester	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20099-G	R-58		No Load Calibration of Rudder Control System	J. W. Forrester	U	
Dwg. A-20100-G	R-58		Rudder Pedal Force Required to Move Rudder Slowly as Measured on the Ground	J. W. Forrester	U	
Dwg. A-20101-G	R-59		Parallel-T Transfer Locus of Modulating Wave - In-Phase Component of Carrier	W. S. Loud	U	
Dwg. B-20102-G	R-59		Parallel-T Transfer Locus of Modulating Wave - Quadrative Component of Carrier	W. S. Loud	U	
Dwg. B-20103-G	R-59		Parralel-T Transfer Loci of Modulating Wave: a) In-Phase Component of Carrier; b) Quadrature Component of Carrier	W. S. Loud	U	
Dwg. A-20104-G	R-60		Change of Resistance as a Function of Power Dissipation: Groves	H. MacKechnie	U	
Dwg. A-20105-G	R-60		Change of Resistance as a Function of Power Dissipation: Continental Carbon	H. MacKechnie	U	
Dwg. A-20106-G	R-60		Change of Resistance as a Function of Power Dissipation: Allen-Bradley	H. MacKechnie	U	
Dwg. A-20107-G	R-60		Change of Resistance as a Function of Power Dissipation: IRC	H. MacKechnie	U	
Dwg. A-20108-G	R-60		Change of Resistance as a Function of Power Dissipation: IRC	H. MacKechnie	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20109-G	R-65	31 Aug 45	Effect of FE-NI-CO Shields (Terman)	T. Leary	U	
Dwg. B-200110	R-65		Effect of FE-NI-CO Shields (Gustafson)	T. Leary	U	
Dwg. A-200111-G			6AS7-G Plate Characteristics	T. Leary	U	
Dwg. B-20112-G	R-61		No Load Output Voltage vs. Speed	S. H. Dodd	U	
Dwg. B-20113-G	R-61		Output Voltage Phase with Respect to Input and Output Current vs. Speed	S. H. Dodd	U	
Dwg. A-20115-G	Computation Book #1		STC P6160 Isolation Transformer	M. Florencourt	U	
Dwg. A-20116-G	Computation Book #1		Stancor P6160 Isolation Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	
Dwg. A-20117-G	Computation Book #1		Stancor P6160 Isolation Transformer	M. Florencourt	U	
Dwg. A-20118-G	Computation Book #1		Stancor P6160 Isolation Transformer	M. Florencourt	U	
Dwg. A-20119-G	Computation Book #1		Stancor P6160 Isolation Transformer	M. Florencourt	U	
Dwg. A-20120-G	Computation Book #1	UTC LS12 Input Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20121-G	Computation Book #1		UTC LS12 Input Transformer	M. Florencourt	U	
Dwg. A-20122-G	Computation Book #1		Stancor P63091 Filament Transformer	M. Florencourt	U	
Dwg. A-20123-G	Computation Book #1		Stancor P63091 Filament Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	
Dwg. A-20124-G	Computation Book #1		Stancor P63091 Filament Transformer	M. Florencourt	U	
Dwg. A-20125-G	Computation Book #1		Stancor P63091 Filament Transformer	M. Florencourt	U	
Dwg. A-20126-G	Computation Book #1		Stancor P63091 Filament Transformer	M. Florencourt	U	
Dwg. A-20127-G	Computation Book #1		Thordarson T13A36 Pushpull Inter- Stage Transformer	M. Florencourt	U	
Dwg. A-20128-G	Computation Book #1		Thordarson T13A36 Pushpull Inter- Stage Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	
Dwg. A-20129-G	Computation Book #1		Thordarson T13A36 Pushpull Inter- Stage Transformer	M. Florencourt	U	
Dwg. A-20130-G	Computation Book #1		Thordarson T13A36 Pushpull Inter- Stage Transformer	M. Florencourt	U	
Dwg. A-20131-G	Computation Book #1		Thordarson T13A36 Pushpull Inter- Stage Transformer	M. Florencourt	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20132-G	Computation Book #1		Thordarson T15592 Output Transformer	M. Florencourt	U	
Dwg. A-20133 -G	Computation Book #1		Thordarson T15592 Output Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	
Dwg. A-20134-G	Computation Book #1		Thordarson T15S92 Output Transformer	M. Florencourt	U	
Dwg. A-20135-G	Computation Book #1		Thordarson T15S92 Output Transformer	M. Florencourt	U	
Dwg. A-20136-G	Computation Book #1		Thordarson T15S92 Output Transformer	M. Florencourt	U	
Dwg. A-20137-G	Computation Book #1		Thordarson T15S94 Output Transformer	M. Florencourt	U	
Dwg. A-20138-G	Computation Book #1		Thordarson T65S94 Output Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	
Dwg. A-20139-G	Computation Book #1		Thordarson T65S94 Output Transformer	M. Florencourt	U	
Dwg. A-20140-G	Computation Book #1		Thordarson T65S94 Output Transformer	M. Florencourt	U	
Dwg. A-20141-G	Computation Book #1		Thordarson T65S94 Output Transformer	M. Florencourt	U	
Dwg. A-20142-G	Computation Book #1		UTC A-11 Input Transformer	M. Florencourt	U	
Dwg. A-20143-G	Computation Book #1		UTC A-11 Input Transformer: Maximum Induced Voltage as a Function of Trans- former Rotation (see also -1)	M. Florencourt	U	

ARCHIVES INVENTORY

SUBJECT	EXERCISE REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20143-1-G	Computation Book #1		UTC A-11 Input Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	
Dwg. A-20144-G	Computation Book #1		UTC PVM-1 Varimatch Transformer	M. Florencourt	U	
Dwg. A-20145-G	Computation Book #1		UTC-PVM-1 Varimatch Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	
Dwg. A-20146-G	Computation Book #1		UTC PVM-1 Varimatch Transformer	M. Florencourt	U	
Dwg. A-20147-G	Computation Book #1		UTC PVM-1 Varimatch Transformer	M. Florencourt	U	
Dwg. A-20148-G	Computation Book #1		UTC PVM-1 Varimatch Transformer	M. Florencourt	U	
Dwg. A-20149-G	Computation Book #1		UTC 61065 Transformer	M. Florencourt	U	
Dwg. A-20150-G	Computation Book #1	✓	UTC 61065 Transformer: Maximum Induced Voltage as a Function of Transformer Rotation (see also -1)	M. Florencourt	U	
Dwg. A-20150-1-G	Computation Book #1		UTC 61065 Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	
Dwg. A-20151-G	Computation Book #1		Thordarson TL5592 Output Transformer	M. Florencourt	U	
Dwg. A-20152-G	Computation Book #1		Thordarson TL5592 Output Transformer: Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20153-G	Computation Book #1		Thordarson T15592 Output Transformer	M. Florencourt	U	
Dwg. A-20154-G	Computation Book #1		Thordarson T15592 Output Transformer	M. Florencourt	U	
Dwg. A-20155-G	Computation Book #1		Thordarson T15592 Output Transformer	M. Florencourt	U	
Dwg. A-20156-G	Computation Book #1		Stancor P63091 Filament Transformer Maximum Induced Voltage as a Function of Transformer Rotation	M. Florencourt	U	
Dwg. A-20157-G	Computation Book #1		Thordarson T2A80 Transformer	M. Florencourt	U	
Dwg. A-20158-G	Computation Book #1		Thordarson T2A80 Transformer: Maximum Induced Voltage as a Function of Trans- former Rotation	M. Florencourt	U	
Dwg. A-20159-G	Computation Book #1		Thordarson T2A80 Transformer	M. Florencourt	U	
Dwg. A-20160-G	Computation Book #1		UTC LS10X Transformer: Maximum In- duced Voltage as a Function of Trans- former Rotation (see also -1)	M. Florencourt	U	
Dwg. A-20160-G -1	Computation Book #1		UTC LS10X Transformer: Maximum In- duced Voltage as a Function of Trans- former Rotation	M. Florencourt	U	
Dwg. A-20161-G	Computation Book #1		Stancor P6160 Isolation Transformer	M. Florencourt	U	
Dwg. A-20162-G	Computation Book #1		Stancor P6160 Isolation Transformer	M. Florencourt	U	

ARCHIVES INVENTORY

SUBJECT	DESCRIPTION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20163-G	Computation Book #1		Stancor P6160 Isolation Transformer	M. Florencourt	U	
Dwg. A-20164-G	Computation Book #1		Stancor P6160 Isolation Transformer	M. Florencourt	U	
Dwg. A-20165-G	Computation Book #1		Stancor P6160 Isolation Transformer	M. Florencourt	U	
Dwg. A-20166-G	Computation Book #1		Stancor P6160 Isolation Transformer	M. Florencourt	U	
Dwg. A-21067-G	Computation Book #1		Stancor P6160 Isolation Transformer: Maximum Induced Voltage as a Function of Transformer Rotation for Constant Distance and Elevation	M. Florencourt	U	
Dwg. A-20168-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Signal Voltage (see B-20759 Circuit)	H. MacKechnie	U	
Dwg. A-20169-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Signal Voltage (see B-20759 Circuit)	H. MacKechnie	U	
Dwg. A-20170-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Signal Voltage (see B-20759 Circuit)	H. MacKechnie	U	
Dwg. A-20171-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Signal Voltage (see B-20759 Circuit)	H. MacKechnie	U	
Dwg. A-20172-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Reference Voltage (see B-20759 Circuit)	H. MacKechnie	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20173-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Reference Voltage (see B-20759)	H. MacKechnie	U	
Dwg. A-20174-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Reference Voltage (see B-20759 Circuit)	H. MacKechnie	U	
Dwg. A-20175-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Reference Voltage (see B-20759)	H. MacKechnie	U	
Dwg. A-20176-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Reference Voltage (see B-20759 Circuit)	H. MacKechnie	U	
Dwg. A-20177-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Signal Voltage (see B-20759)	H. MacKechnie	U	
Dwg. A-20178-G			Phase-Sensitive Diode Detector-Output Voltage as a Function of Signal Voltage (see B-20759)	H. MacKechnie	U	
Dwg. A-20179-G			Phase-Sensitive Diode Detector Voltage Output vs. D-C Current with Varying Load (see B-20759 Circuit)	H. MacKechnie	U	
Dwg. A-20180-G			Phase-Sensitive Diode Detector - D-C Output Voltage as a Function of D-C Load Current (see B-20759 Circuit)	H. MacKechnie	U	
Dwg. A-20181-G			Phase-Sensitive Diode Detector - D-C Output Voltage as a Function of D-C Load Current (see B-20759 Circuit)	H. MacKechnie	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20182-G			Phase-Sensitive Diode Detector - D-C Output Voltage as a Function of D-C Load Current (see B-20759 Circuit)	H. MacKechnie	U	
Dwg. A-20183-G			Transformer Characteristics N. Y. T. Co. 2809	H. MacKechnie	U	
Dwg. A-20184-G			Frequency vs. Bias on Reactance Tube, for Coil and Reactance Tube Inductance Tuned with Distributed Capacities	H. MacKechnie	U	
Dwg. A-20185-G		26 Oct 45	Idealized Speed - Torque Curves for Variable - Frequency 3- ϕ Induction Motor	T. Leary	U	
Dwg. B-20186-G		29 Oct 45	Frequency Variant Portion of Transfer Loci of $\frac{1}{S} \left(\frac{1}{1 + \frac{J}{S}} \right)$ for Induction Motors	W. S. Loud	U	
Dwg. B-20187-G		29 Oct 45	Transfer Loci for: A=3 Phase Motor with Filter Lags from B-20087-G; B= Curve A with Lead Circuit $\phi = 21$; T = $\frac{1}{210}$; C = Curve B at $\frac{1}{2}$ Scale Data from LJDAL12	W. S. Loud	U	
Dwg. B-20188-G		27 Oct 45	Transfer Lock for: A: Lead Circuit $\phi = 40$, T = 0.005 Data from LJDAL16; B: 3 - Phase Motor with Labs (Curve A, B-20187-G) and A Above	W. S. Loud	U	
Dwg. B-20189-G		29 Oct 45	Spaced - Torque and Speed - Current Curves for Bodine 3 - Phase Motor for D-C and 60 \sim Operation	J. A. Swett J. D. Aronson	U	

ARCHIVES INVENTORY

SUBJECT	XXXXXXXXXX REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20190-G		27 Oct 45	Measured Transfer Locus of Bodine 3 ϕ Motor and Frequency Controller	R. R. Everett	U	
Dwg. B-20190-1-G		27 Oct 45	Measured Transfer Locus of Bodine 3 ϕ Motor and Frequency Controller	R. R. Everett	U	
Dwg. A-20191-G		2 Nov 45	Frequency and Relative Amplitude vs. Capacitance in Oscillator Tank Circuit		U	
Dwg. B-20192-G		5 Nov 45	Error Voltage and Output Voltage of Frequency Servo	J. D. Aronson	U	
Dwg. B-20193-G		5 Nov 45	Motor Voltage and Output Angle for Frequency Modulated 3 ϕ Motor	J. D. Aronson	U	
Dwg. B-20200		22 Dec 44	Phase Sensitive Rectifier	J. W. Forrester	U	
Dwg. B-20201		22 Dec 44	Rectifier Test Schematic	J. W. Forrester	U	
Dwg. B-20202	R-4		2-Phase Motor Torque Test Schematic	T. Leary	U	
Dwg. A-20203	R-6		Throttle Valve Test Schematic	J. A. Swett	U	
Dwg. B-20204	R-5		Test Schematic for Phase-Sensitive Detector Circuit	T. Leary	U	
Dwg. A-20205	R-5		Simplified Schematic of Phase- Sensitive Detector	T. Leary	U	
Dwg. B-20206		26 Jan 45	Synchro Voltage and Phase Shift Testing	H. W. Troup	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20206-1		13 Apr 45	Synchro Test Schematic (see also -2)	T. Leary	U	
Dwg. B-20206-2	R-21		Synchro Test Schematic	T. Leary	U	
Dwg. B-20207	R-28		Revolver Test Circuit-Schematic	H. W. Troup	U	
Dwg. B-20208		31 Jan 45	Hydraulic Circuits - C. F. D.	J. A. Swett	U	
Dwg. B-20209	R-17		Modulator Circuit Test Schematic	J. W. Forrester	U	
Dwg. B-20210	R-22		Summing Amplifier Mod 1 (see also -1)	T. Leary	U	
Dwg. B-20210-1			Summing Amplifier Mod 1 - SCL-1	T. Leary	U	
Dwg. B-20211		22 Feb 45	Regulated Power Supply -200V	G. J. Schwartz	U	
Dwg. B-20213			Regulated Power Supply -300V	G. J. Schwartz	U	
Dwg. B-20214		19 Mar 45	Integrator Control Amplifier (see also -1)	G. J. Schwartz	U	
Dwg. B-20214-1	R-35		Integrator Control Amplifier	G. J. Schwartz	U	
Dwg. B-20215	R-29		Summing Amplifier Mod 3 (see also -1)	G. J. Schwartz	U	

ARCHIVES INVENTORY

SUBJECT	DESIGNATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20215-1		13 Mar 45	Summing Amplifier (Mod 3) SC3-1	T. Leary	U	
Dwg. B-20216		13 Mar 45	Summing Amplifier Mod 2 (see also -1)	G. J. Schwartz	U	
Dwg. B-20216-1		1 Jun 45	Summing Amplifier (Mod 2) SC2-1	T. Leary	U	
Dwg. B-20217	R-29 & R-43		Summing Amplifier Mod 4 (see also -1)	G. J. Schwartz	U	
Dwg. B-20217-1		1 Jun 45	Summing Amplifier (Mod 4) SC4-1	T. Leary	U	
Dwg. B-20218	R-35		Electro-Mechanical Integrator	K. B. Tuttle	U	
Dwg. B-20219		27 Mar 45	Push-Pull Parallel Output Stage (see -1)		U	
Dwg. B-20219-1						
Dwg. B-20220	R-26		Variable-Frequency Voltage Source	T. Leary	U	
Dwg. B-20221		3 Apr 45	Strain-Gauge Amplifier SGI-1 (Baldwin)	T. Leary	U	
Dwg. B-20222	R-41		Strain-Gauge Preamplifier Test Schematics (see also -1)	T. Leary	U	
Dwg. B-20222-1		4 Jun 45	Strain-Gauge Preamplifier Test Schematics; (SP1-1, SP2-1, SP3-1)	T. Leary	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20223		7 Apr 45	CFD Servo Amplifier Schematic (see also -1)	T. Leary	U	
Dwg. B-20224		13 Apr 45	Tube Socket Connections		U	
Dwg. B-20225	R-43		Summing Amplifier Model 5 (see also -1)	T. Leary	U	
Dwg. B-20225-1		1 Jun 45	Summing Amplifier (Mod 5) SC5-1	T. Leary	U	
Dwg. D-20226		18 Apr 45	Noise Level Test Schematic (see also -1)	H. R. Boyd	U	
Dwg. D-20226-1		19 Apr 45	Noise Level Test Schematic (see also -2)	H. R. Boyd	U	
Dwg. D-20226-2		30 Apr 45	Noise Level Test Schematic No. 1	H. R. Boyd	U	
Dwg. B-20227		19 Apr 45	Connections for High-Voltage D.C. Supply Motor - Generators (see also-1)		U	
Dwg. B-20227-1		19 Apr 45	Connections for High-Voltage D.C. Supply Motor - Generators (see also-2)		U	
Dwg. B-20227-2		20 Apr 45	Connections for High-Voltage D.C. Supply Motor - Generators		U	
Dwg. B-20228	R-44		Diode Full-Wave Phase Sensitive Detector	C. J. Paine	U	
Dwg. B-20229	R-44		Triode Full-Wave Phase Sensitive Detector	C. J. Paine	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20230		24 Apr 45	Schematic, Equation 1		U	
Dwg. B-20231		24 Apr 45	Schematic, Equation 2		U	
Dwg. B-20232		24 Apr 45	Schematic, Equation 3		U	
Dwg. B-20233		24 Apr 45	Schematic, Equation 4		U	
Dwg. B-20234		24 Apr 45	Schematic, Equation 5		U	
Dwg. B-20235		24 Apr 45	Schematic, Equation 6		U	
Dwg. B-20236		24 Apr 45	Schematic, Equation 7		U	
Dwg. B-20237		28 Apr 45	Schematic, Equation 8		U	
Dwg. B-20238		28 Apr 45	Schematic, Equation 9		U	
Dwg. B-20239		25 Apr 45	Schematic, Equation 10		U	
Dwg. B-20240	R-48		Signal Calibrator, SM-504	G. J. Schwartz	U	
Dwg. B-20241		30 Apr 45	Diehl FPF-49 Motor Wiring Schematic		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. D-20242	R-55		Noise Level Test Schematic No. 2	H. R. Boyd	U	
Dwg. B-20243		27 Apr 45	Schematic, Equation 11		U	
Dwg. B-20244			Schematic, Equation 12		U	
Dwg. B-20245			Schematic, Equation 13		U	
Dwg. B-20246			Schematic, Equation 14		U	
Dwg. B-20247			Schematic, Equation 15		U	
Dwg. B-20248		28 Apr 45	Schematic, Equation 16		U	
Dwg. B-20249			Schematic, Equation 17		U	
Dwg. B-20250			Schematic, Equation 18		U	
Dwg. B-20251		2 May 45	Schematic, Equation 19		U	
Dwg. B-20252		2 May 45	Schematic, Equation 20		U	
Dwg. B-20253		2 May 45	Schematic, Equation 21		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20254		2 May 45	Schematic, Equation 22		U	
Dwg. B-20255		2 May 45	Schematic, Equation 23		U	
Dwg. B-20256		30 Apr 45	Schematic, Equation 24		U	
Dwg. B-20257		28 Apr 45	Schematic, Equation 25		U	
Dwg. B-20258			Schematic, Equation 26		U	
Dwg. B-20259		28 Apr 45	Schematic, Equation 27		U	
Dwg. B-20260		2 May 45	Schematic, Equation 28		U	
Dwg. B-20261		3 May 45	Schematic, Equation 29		U	
Dwg. B-20262		4 May 45	Schematic, Equation 30		U	
Dwg. B-20264			Equation 32		U	
Dwg. B-20265		3 May 45	Schematic, Equation 33		U	
Dwg. B-20266		3 May 45	Schematic, Circuit 34		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20267	R-36	3 May 45	Schematic, Circuit 35		U	
Dwg. B-20268		5 May 45	Schematic, Circuit 36		U	
Dwg. B-20270		Complete Control Force Schematic	R. R. Everett	U		
Dwg. B-20271		2 May 45	Modulator CMI (see also -1)	J. W. Forrester	U	
Dwg. B-20271-1		1 Jun 45	Modulator CMI-1	J. W. Forrester	U	
Dwg. B-20272		4 May 45	Summing Amplifier SC6-2 (see also -1)	H. R. Boyd	U	
Dwg. B-20272-1		11 May 45	Summing Amplifier SC6-2 (see also -2)	H. R. Boyd	U	
Dwg. B-20272-2		22 May 45	Summing Amplifier SC6-2 (see also -3)	H. R. Boyd	U	
Dwg. B-20272-3		1 Jun 45	Summing Amplifier SC6-2 (see also -4)	H. R. Boyd	U	
Dwg. B-20272-4		19 Jun 45	Summing Amplifier SC6-2 (see also -5)	H. R. Boyd	U	
Dwg. B-20272-5		25 Jun 45	Summing Amplifier SC6-2 (see also		U	
Dwg. B-20273	3 May 45	Schematic Circuit 38		U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20274		3 May 45	Schematic, Circuit 39		U	
Dwg. B-20275	R-43		Summing Amplifier SC6-1 (see also -1)	H. W. Troop	U	
Dwg. C- 20275-1		22 May 45	Summing Amplifier SC6-1 (see also B-20719 and B-20720)		U	
Dwg. D-20276		19 May 45	CFD Wiring Schematic		U	
Dwg. B-20277		22 May 45	Regulated Bias Supply Schematic 1	H. R. Boyd	U	
Dwg. B-20278		22 May 45	D-C Amplifier VRL-1 (see D-20711)	H. R. Boyd	U	
Dwg. B-20279		25 May 45	Strain-Gauge Amplifier SG2-1	H. R. Boyd	U	
Dwg. C-20280		28 May 45	Wiring Layout for VRL-1 DC Amplifier (see -1)		U	
Dwg. C-20280-1		7 Jun 45	Wiring Layout for VRL-1 DC Amplifier (see -2)		U	
Dwg. C-20280-2		30 Jun 45	VRL-1 Wiring Diagram		U	
Dwg. B-20281		30 May 45	Block Diagram for Rack 1 of Noise Level Test	H. R. Boyd	U	
Dwg. B-20282		30 May 45	Repeater Amplifier RAL-1 (see also -1)	H. R. Boyd	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20282-1		2 Jun 45	Repeater Amplifier RAL-1 (see also -2)	H. R. Boyd	U	
Dwg. B-20282-2		8 Jun 45	Repeater Amplifier RAL-1 (see also -3)	H. R. Boyd	U	
Dwg. B-20282-3		15 Jun 45	Repeater Amplifier RAL-1 (see also -4)	H. R. Boyd	U	
Dwg. B-20282-4		18 Jun 45	Repeater Amplifier RAL-1 (see also -5)	H. R. Boyd	U	
Dwg. B-20282-5		27 Jun 45	Repeater Amplifier RAL-1		U	
Dwg. B-20283		2 Jun 45	Potentiometer Panel PPl-1 (see also -1)	H. R. Boyd	U	
Dwg. B-20283-1		4 Jun 45	Potentiometer Panel PPl-1 (see also -2)	H. R. Boyd	U	
Dwg. B-20283-2		6 Jun 45	Potentiometer Panel PPl-1 (see also -3)	H. R. Boyd	U	
Dwg. B-20283-3		16 Jun 45	Potentiometer Panels PP-1, PPl-2, and PPl-3	H. R. Boyd	U	
Dwg. B-20284		1 Jun 45	Regulated Bias Supply RS1-1 (see also -1)	H. R. Boyd	U	
Dwg. B-20284-1		7 Jun 45	Regulated Bias Supply RS1-1 (see also -2)	H. R. Boyd	U	
Dwg. B-20284-2		11 Jun 45	Regulated Bias Supply RS1-1	H. R. Boyd	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20285		5 Jun 45	Input Panel 1P1-1 (see also -1)	H. R. Boyd	U	
Dwg. B-20285-1		20 Jun 45	Input Panel 1P1-1 (see also -2)	H. R. Boyd	U	
Dwg. B-20285-2		21 Jun 45	Input Panel 1P1-1	H. R. Boyd	U	
Dwg. B-20286		5 Jun 45	Rack Power Panel RPL-1 (see also -1)	H. R. Boyd	U	
Dwg. B-20286-1		8 Jun 45	NLT Control Panel CPL-1 (see also -2)	H. R. Boyd	U	
Dwg. B-20286-2		19 Jun 45	NLT Control Panel CPL-1	H. R. Boyd	U	
Dwg. C-20287	R-55		Noise Level Test Schematic No. 3 (see also -1)	H. R. Boyd	U	
Dwg. C-20287-1		21 Jun 45	Noise Level Test Schematic No. 3 (see also -2)	H. R. Boyd	U	
Dwg. C-20287-2		22 Jun 45	Noise Level Test Schematic No. 3 (see also -3)	H. R. Boyd	U	
Dwg. C-20287-3		26 Jun 45	Noise Level Test Schematic No. 3	H. R. Boyd	U	
Dwg. D-20288		10 Jun 45	Wiring Schematic of Interconnections on NLT Racks I and II (see also -1)	H. R. Boyd	U	
Dwg. D-20288-1		16 Jun 45	Wiring Schematic of Interconnections on NLT Racks I and II (see also -2)	H. R. Boyd	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. D-20288-2		22 Jun 45	Wiring Schematic of Interconnections on NLT Rack I (see also -3)	H. R. Boyd	U	
Dwg. D-20288-3		25 Jun 45	Wiring Schematic of Interconnections on NLT Rack I (see also -4)	H. R. Boyd	U	
Dwg. D-20288-4		27 Jun 45	Wiring Schematic of Interconnections on NLT Rack I (see also -5)	H. R. Boyd	U	
Dwg. D-20288-5		20 Jul 45	Wiring Schematic of Interconnections on NLT Rack I	H. R. Boyd	U	
Dwg. C-20289		22 Jun 45	Equation Solver (see also -1)	G. J. Schwartz	U	
Dwg. C-20289-1		27 Jun 45	Differential Equation Solver (see also -2)	G. J. Schwartz	U	
Dwg. C-20289-2		5 Jul 45	Differential Equation Solver (see also -3)	G. J. Schwartz	U	
Dwg. C-20289-3		20 Aug 45	Differential Equation Solver	G. J. Schwartz	U	
Dwg. B-20290		11 May 45	Integrator A (see also -1)	G. J. Schwartz	U	
Dwg. B-20290-1		27 Jun 45	D.E.S. Integrator A (see also -2)	G. J. Schwartz	U	
Dwg. B-20290-2		5 Jul 45	D.E.S. Integrator A	G. J. Schwartz	U	
Dwg. B-20291		20 Jun 45	Scale Factor Circuit (see also -1)	G. J. Schwartz	U	
Dwg. B-20291-1		27 Jun 45	D.E.S. Scale Factor Circuit (see also -2)	G. J. Schwartz	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20291-2		20 Jun 45	D.E.S. Scale Factor Circuit	G. J. Schwartz	U	
Dwg. B-20292		20 Jun 45	Multiplier Circuit (see also -1)	G. J. Schwartz	U	
Dwg. B-20292-1		27 Jun 45	D.E.S. Multiplier Circuit (see also -2)	G. J. Schwartz	U	
Dwg. B-20292-2		5 Jul 45	D.E.S. Multiplier Circuit	G. J. Schwartz	U	
Dwg. B-20293		4 May 45	Integrator A, Stage #2 (see also -1)	G. J. Schwartz	U	
Dwg. B-20293-1		27 Jun 45	D.E.S. Integrator, Stage #2	G. J. Schwartz	U	
Dwg. B-20294			Automatic Potentiometer Multiplier Model I (see also -1)	G. J. Schwartz	U	
Dwg. B-20294-1		27 Jun 45	D.E.S. Automatic Potentiometer Multiplier Model I	G. J. Schwartz	U	
Dwg. B-20295		10 May 45	Integrator A, Stage #1 (see also -1)	G. J. Schwartz	U	
Dwg. B-20295-1		27 Jun 45	D.E.S. Integrator A, Stage #1 (see also -2)	G. J. Schwartz	U	
Dwg. B-20295-2		5 Jul 45	D.E.S. Integrator A, Stage #1	G. J. Schwartz	U	
Dwg. C-20296		15 Jun 45	Automatic Potentiometer Multiplier Model I Schematic (see also -1)	G. J. Schwartz	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20296-1		27 Jun 45	D.E.S. Automatic Potentiometer Multiplier Model I Schematic	G. J. Schwartz	U	
Dwg. B-20297		16 Jun 45	Integrator B (see also -1)	G. J. Schwartz	U	
Dwg. B-20297-1		27 Jun 45	D.E.S. Integrator B (see also -2)	G. J. Schwartz	U	
Dwg. B-20297-2		5 Jul 45	D.E.S. Integrator B	G. J. Schwartz	U	
Dwg. B-20298		18 Jun 45	Integrator B, Stage #1 (see also -1)	G. J. Schwartz	U	
Dwg. B-20298-1		27 Jun 45	D.E.S. Integrator B, Stage #1 (see also -2)	G. J. Schwartz	U	
Dwg. B-20298-2		5 Jul 45	D.E.S. Integrator B, Stage #1	G. J. Schwartz	U	
Dwg. B-20299		18 Jun 45	Integrator B, Stage #2 (see also -1)	G. J. Schwartz	U	
Dwg. B-20299-1		27 Jun 45	D.E.S. Integrator B, Stage #2	G. J. Schwartz	U	
Dwg. A-20300		3 Feb 45	Spindle Throttle Valve	J. A. Swett	U	
Dwg. B-20301		17 Feb 45	Regulator Valve Assembly	Tichenor	U	
Dwg. A-20302		16 Feb 45	Valve Seat (Regulator Valve) (see also B-20301)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20303		16 Feb 45	Plug (Regulator Valve) (see also B-20301)		U	
Dwg. A-20304		16 Feb 45	Seal (Regulator Valve) (see also B-20301)		U	
Dwg. B-20305		16 Feb 45	Body (Regulator Valve) (see also B-20301)		U	
Dwg. B-20306		16 Feb 45	Plunger (Regulator Valve) (see also B-20301)		U	
Dwg. A-20307		24 Feb 45	Tachometer Gear Shaft (see also D-20320)		U	
Dwg. A-20308		23 Feb 45	Gear Shaft (see also D-20320)		U	
Dwg. C-20309		26 Feb 45	C.F.D. Train Plate (see D-20320)		U	
Dwg. A-20310		23 Feb 45	Eccentric Bearing House (see also D-20320)		U	
Dwg. A-20311		23 Feb 45	Tachometer Mount (see also -1)		U	
Dwg. A-20311-1		2 Mar 45	Tachometer Mount (see also D-20320)		U	
Dwg. A-20312		26 Feb 45	Clamp Button (see also D-20320)		U	
Dwg. A-20313		26 Feb 45	Spacer C.F.D. Gear Train (see also D-20320)		U	
Dwg. A-20314		28 Feb 45	Spacing Foot (see also D-20320)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20315		26 Feb 45	Housing Clamp (see also D-20320)		U	
Dwg. A-20316		27 Feb 45	Tachometer Clamp Bar (see also D-20320)		U	
Dwg. A-20317		27 Feb 45	Sub Assembly - N.C. Coupling Arm (see also D-20320)		U	
Dwg. A-20318		27 Feb 45	N.C. Coupling Arm (see also D-20317)		U	
Dwg. A-20319		27 Feb 45	Drive Pin (see also D-20317)		U	
Dwg. D-20320		28 Feb 45	Control Force Demonstrator Gear Train		U	
Dwg. A-20321		27 Feb 45	Clamp Cushion (see also D-20320)		U	
Dwg. A-20322		27 Feb 45	Tachometer Shaft Clamp (see also D-20320)		U	
Dwg. A-20323		27 Feb 45	Tachometer N.C. Arm (see also D-20320)		U	
Dwg. A-20324		12 Mar 45	Pin (see also R-20-341)		U	
Dwg. B-20325		12 Mar 45	Pivot Shaft (see also R-20341)		U	
Dwg. B-20326		12 Mar 45	Gage Plate (see also R-20341)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20327		12 Mar 45	Clevis (see also R-20341)		U	
Dwg. D-20328		12 Mar 45	Tongue Weldment (see also R-20341)		U	
Dwg. D-20329		12 Mar 45	Control Column Weldment (see also -1)		U	
Dwg. D-20329-1		30 Mar 45	Control Column Weldment (see also R-20341)		U	
Dwg. A-20330		12 Mar 45	Buffer Ring (see also D-20340)		U	
Dwg. A-20331		12 Mar 45	Washer (see also D-20340)		U	
Dwg. B-20332		12 Mar 45	Spacer (see also D-20340)		U	
Dwg. B-20333		12 Mar 45	Piston (see also D-20340)		U	
Dwg. B-20334		12 Mar 45	Front Piston Rod (see also D-20340)		U	
Dwg. B-20335		12 Mar 45	Rear Piston Rod (see also D-20340)		U	
Dwg. B-20336		22 Mar 45	Base (see also -1)		U	
Dwg. B-20366-1		30 Mar 45	Base		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. D-20337		12 Mar 45	Seat Brace (see also R20341)		U	
Dwg. B-20338		12 Mar 45	Seat Back (see also R-20341)		U	
Dwg. A-20339		12 Mar 45	Seat Back Rib (see also R-20341)		U	
Dwg. D-20340		23 Mar 45	Power Piston Assembly (Force Analyzer (see also R-20341)		U	
Dwg. R-20341			Force Analyzer Assembly		U	
Dwg. A-20342		23 Mar 45	Coupling (see also R-20341)		U	
Dwg. C-20343		23 Mar 45	Motor BR "K" T Weldment (see also R-20341)		U	
Dwg. D-20344		23 Mar 45	Pump-Motor BR "K" T Weldment (see also R-20341)		U	
Dwg. E-20345		5 Apr 45	Valve and Sump Assembly		U	
Dwg. D-20346		9 Apr 45	Sump Assembly (see also -1)		U	
Dwg. D-20346-1		18 Apr 45	Sump Assembly (see also E-20345)		U	
Dwg. E-20347-1		6 Apr 45	Frame		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. D-20348		6 Apr 45	Sump Cover (see also -1)		U	
Dwg. D-20348-1		6 Feb 45	Sump Cover (see also E-20345)		U	
Dwg. C-20349		2 Apr 45	Throttle Valve Housing (see also E-20345)		U	
Dwg. C-20350		4 Apr 45	Valve Body (see also E-20345)		U	
Dwg. C-20351		2 Apr 45	Valve Mounting Plate (see also E-20345)		U	
Dwg. C-20352		3 Apr 45	Control Valve Plate (see also E-20345)		U	
Dwg. C-20353		2 Apr 45	Motor Bracket (see also E-20345)		U	
Dwg. B-20354		2 Apr 45	Control Piston (see also E-20345)		U	
Dwg. B-20355		31 Mar 45	Rocker Arm (see also E-20345)		U	
Dwg. B-20356		2 Apr 45	Steady Bearing Plate (see also -1)		U	
Dwg. B-20356-1		2 Apr 45	Steady Bearing Plate (see also E-20345)		U	
Dwg. B-20357		2 Apr 45	Steady Bearing (see also E-20345)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20358		2 Apr 45	Splash Guard Assembly (see also E-20345)		U	
Dwg. B-20359		31 Mar 45	Splash Guard Strip (see also B-20358)		U	
Dwg. A-20360		31 Mar 45	Splash Guard Plate (see also B-20358)		U	
Dwg. A-20361		30 Mar 45	Thrust Tube (see also B-20358)		U	
Dwg. A-20362		30 Mar 45	Spring Guide (see E-20345)		U	
Dwg. A-20363		31 Mar 45	Spacer (see E-20345)		U	
Dwg. A-20364		30 Mar 45	Plug (see E-20345)		U	
Dwg. A-20365		30 Mar 45	Adapter (see also E-20345)		U	
Dwg. A-20366		2 Apr 45	Pin (Link) (see also E-20345)		U	
Dwg. A-20367		31 Mar 45	Link (see also -1)		U	
Dwg. A-20367-1		6 Apr 45	Link (see also E-20345)		U	
Dwg. A-20368		31 Mar 45	Adapter Link (see also E-20345)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20369		31 Mar 45	Motor Spacer (see also E-20345)		U	
Dwg. A-20370		2 Apr 45	Pivot Pin (Rocker Arm) (see also E-20345)		U	
Dwg. A-20371		31 Mar 45	Compression Spring (see also E-20345)		U	
Dwg. A-20372		31 Mar 45	Plunger (Regulator Valve (see		U	
Dwg. A-20372-2		25 May 45	Plunger (Regulator Valve) (see also -3)		U	
Dwg. A-20372-3		19 Dec 45	Plunger (Regulator Valve) (see also E-20345)		U	
Dwg. A-20373		31 Mar 45	Link (see also E-20345)		U	
Dwg. A-20374		31 Mar 45	Terminal Strip Spacer (see also E-20345)		U	
Dwg. A-20375		31 Mar 45	Dither Shaft (see also E-20345)		U	
Dwg. A-20376		31 Mar 45	Torque Arm (see also E-20345)		U	
Dwg. A-20377		6 Apr 45	Control Valve Assembly (see also E-20345)		U	
Dwg. A-20378		2 Apr 45	Seat Support (see also R-20341)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20379		2 Apr 45	Foot Rest (see also R-20341)		U	
Dwg. R-20380		28 Apr 45	Potentiometer Drive Assembly		U	
Dwg. D-20381		3 May 45	Reduction Gear Assembly (see also R-20380)		U	
Dwg. C-20382		4 May 45	Limit Stop Assembly (see also R-20380)		U	
Dwg. C-20383-1		5 Jun 45	Base Casting (see also R-20380)		U	
Dwg. D-20384		2 May 45	Dust Cover (see also R-20380)		U	
Dwg. C-20385		9 May 45	Potentiometer Bracket (see also R-20380)		U	
Dwg. C-20386-1		5 Jun 45	Reduction Gear House (see also D-20381)		U	
Dwg. B-20387		25 Apr 45	Bearing Bracket (see also R-20381)		U	
Dwg. A-20388		30 Apr 45	Rear Bearing Bracket (see also R-20380)		U	
Dwg. A-20389		30 Apr 45	Bearing Retainer (Obsolete)		U	
Dwg. A-20390		30 Apr 45	Non-Coercive Coupling Assembly (Obsolete)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20391		30 Apr 45	Spring Finger N. C. Drive (Obsolete)		U	
Dwg. A-20392		8 May 45	Tachometer Coupling Clamp (see also D-20381)		U	
Dwg. A-20393		30 Apr 45	Bearing Clamp (see Also D-20381)		U	
Dwg. A-20394		30 Apr 45	Clutch Drive Collar (see also R-20380)		U	
Dwg. A-20395		30 Apr 45	Clutch Collar (see also R-20380)		U	
Dwg. A-20396		30 Apr 45	Friction Disc (see also R-20380)		U	
Dwg. A-20397		30 Apr 45	Reduction Gear Shaft (see also R-20380)		U	
Dwg. A-20398		30 Apr 45	Motor Clamp (see also D-20381)		U	
Dwg. A-20399		30 Apr 45	1/4 Gear Clamp (see also D-20381)		U	
Dwg. A-20400		30 Apr 45	7/16 Gear Clamp (see also R-20389; R-20381)		U	
Dwg. A-20401		30 Apr 45	7/8 Gear Clamp (see also R-20380)		U	
Dwg. A-20402		20 Apr 45	Motor Gear (see also D-20381)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20403		2 May 45	Motor Reduction Gear (see also D-20381)		U	
Dwg. A-20404		30 Apr 45	Clutch Driving Gear (see also D-20381)		U	
Dwg. A-20405		30 Apr 45	48 Tooth Gear (see also R-20381)		U	
Dwg. A-20406		30 Apr 45	Slip Clutch Gear (see also R-20380)		U	
Dwg. A-20407		30 Apr 45	Limit Stop Drive Gear (see also R-20380)		U	
Dwg. A-20408		30 Apr 45	Potentiometer Gear (see also R-20380)		U	
Dwg. A-20409		2 May 45	Bearing Cap (see also C-20382)		U	
Dwg. A-20410		1 May 45	Drive Shaft (see also R-20380)		U	
Dwg. A-20411-1		2 Jul 45	Limit Stop Clamp (see also A-20420)		U	
Dwg. A-20412		2 May 45	Limit Stop Lead Screw (see also C-20382)		U	
Dwg. A-20413		2 May 45	Limit Stop Casting (see also C-20382)		U	
Dwg. B-20414		30 Apr 45	Potentiometer Bracket (see also R-20380)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20415		2 May 45	Traveler Guide (see also C-20382)		U	
Dwg. A-20416		2 May 45	Traveler (see also R-20421)		U	
Dwg. A-20417		7 May 45	Potentiometer Bracket Bushing (Obsolete)		U	
Dwg. A-20418		2 May 45	Traveler Pin (see also A-20421)		U	
Dwg. A-20419		2 May 45	Limit Stop Pin (see also A-20420)		U	
Dwg. A-20420		2 May 45	Limit Stop Clamp Assembly (see also C-20382)		U	
Dwg. A-20421		2 May 45	Traveler Assembly (see also C-20382)		U	
Dwg. A-20422		2 May 45	(G.R.) Potentiometer Shaft (see also R-20380)		U	
Dwg. A-20423		5 May 45	N. C. Drive Clamp-Arma 5-1 Generator		U	
Dwg. B-20425		5 May 45	Adapter Arma 5-1 Generator		U	
Dwg. B-20426		21 Apr 45	Gage Rate (see also R-20341)		U	
Dwg. E-20427		22 Apr 45	Two-Stage Integrator (1 of 2) (see also -1)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. D-20427		21 May 45	Two-Stage Integrator (2 of 2) (see also -1)		U	
Dwg. E-20427-1		19 Jun 45	Two-Stage Integrator Assembly (1 of 2)		U	
Dwg. C-20428		3 May 45	Panel Layout for Summing Amplifier SC6-1 (see also -1)	H. R. Boyd	U	
Dwg. C-2048-1		1 Jun 45	Panel Layout for Summing Amplifier SC62 (see also -2)	H. R. Boyd	U	
Dwg. C-20428-2		19 Jun 45	Panel Layout for Summing Amplifier SC6-2 (see also -3)	H. R. Boyd	U	
Dwg. C-20428-3		20 Jun 45	SC6-2 Amplifier Panel (see also -4)	H. R. Boyd	U	
Dwg. C-20428-4		20 Jun 45	SC6-2 Amplifier Panel	H. R. Boyd	U	
Dwg. A-20429		3 May 45	Insulator Washer (see also R-20380)	H. R. Boyd	U	
Dwg. A-20430		3 May 45	Insulator (see also R-20380)	H. R. Boyd	U	
Dwg. A-20432		8 Aug 45	Wire Clamp		U	
Dwg. A-20433		21 May 45	Base (see also -1)		U	
Dwg. E-20433-1		19 Jun 45	Base (see also E-20427; D-20427)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20434		19 May 45	Clamp (see also D-20427)		U	
Dwg. A-20435		19 May 45	Adapter Ring (see also E-20427)		U	
Dwg. A-20437		19 May 45	Gear Assembly (see also D-20427)		U	
Dwg. A-20438		19 May 45	Gear (see also A-20437)		U	
Dwg. A-20439		19 May 45	Bushing (see also A-20437)		U	
Dwg. A-20440		19 May 45	Adapter Cartridge (see also D-20427)		U	
Dwg. A-20441		22 May 45	Gear for "Diehl" Inertia Motor (see also D-20427)		U	
Dwg. A-20442		28 Jun 45	Collar (see also D-20427)		U	
Dwg. B-20443		21 May 45	Adapter Ring (see also D-20427)		U	
Dwg. E-20445		19 May 45	Motor Support (see also E-20427; D-20427)		U	
Dwg. C-20446		18 May 45	Plate Support (see also E-20427; D-20427)		U	
Dwg. A-20447		16 May 45	Gear Assembly (see also D-20427)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20448		22 May 45	Pinion Gear (see also A-20447)		U	
Dwg. A-20449		16 May 45	Spur Gear (see also A-20447)		U	
Dwg. A-20450		16 May 45	Bearing Retainer Plate (see also D-20427)		U	
Dwg. A-20451		16 May 45	Spacer (Obsolete) (see also D-20427)		U	
Dwg. A-20452		16 May 45	Shaft (see also D-20427)		U	
Dwg. A-20453		16 May 45	Eccentric Synchro Adapter (see also E-20427)		U	
Dwg. A-20454		16 May 45	Ring-Clamp for Synchro (see also E-20427; D-20427)		U	
Dwg. A-20455		16 May 45	Clutch Disc (see also E-20427)		U	
Dwg. A-20456		16 May 45	Clutch Washer (see also E-20427)		U	
Dwg. A-20457		16 May 45	Clutch Shaft (see also E-20427)		U	
Dwg. A-20458		16 May 45	Clutch Gear (see also E-20427)		U	
Dwg. A-20459		16 May 45	Clutch Gear (see also E-20427)		U	
Dwg. A-20460		18 May 45	Adapter Plate for Synchro Motor (see also E-20427)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20461		18 May 45	Limit Stop Cage (see also D-20427)		U	
Dwg. C-20462		18 May 45	Adapter Plate (see also D-20427)		U	
Dwg. A-20463		18 May 45	Clutch Washer for Loading Spring (see also E-20427)		U	
Dwg. A-20464		16 May 45	Tachometer Clamp (see also A-20484)		U	
Dwg. A-20465		22 May 45	Motor Gear (see also A-20484)		U	
Dwg. A-20466		17 May 45	Idler Gear (see also A-20467)		U	
Dwg. A-20467		31 May 45	Idler Gear Assembly (see also E-20427)		U	
Dwg. A-20468		31 May 45	Split Bushing (see also A-20467)		U	
Dwg. A-20469		22 May 45	Motor Pinion (see also E-20427)		U	
Dwg. A-20470		17 May 45	Lead Screw (see also D-20427)		U	
Dwg. A-20471		17 May 45	Bearing Cap (see also D-20427)		U	
Dwg. A-20472		17 May 45	Spacer (see also D-20427)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20473		17 May 45	Guide Rod (see also D-20427)		U	
Dwg. A-20474		17 May 45	Spur Gear (see also D-20427)		U	
Dwg. A-20475		19 May 45	Shoulder Bushing (see also D-20427)		U	
Dwg. A-20476		22 May 45	Spur Gear (see also D-20427)		U	
Dwg. A-20477		22 May 45	Spur Gear (see also E-20427)		U	
Dwg. A-20478		17 May 45	Traveler Pin (see also A-20480)		U	
Dwg. A-20479		17 May 45	Traveler (see also A-20480)		U	
Dwg. A-20480		17 May 45	Traveler Assembly (see also D-20427)		U	
Dwg. A-20481-1		31 May 45	Bearing Cartridge (see also E-20427)		U	
Dwg. A-20482		17 May 45	Bearing Retainer (see also E-20427)		U	
Dwg. A-20483		17 May 45	Drive Pin (see also A-20484)		U	
Dwg. A-20484		17 May 45	Coupling Assembly (see also E-20427)		U	
Dwg. A-20485		31 May 45	Shaft (see also E-20427)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20486		17 May 45	Spur Gear for Helipot (see also D-20427)		U	
Dwg. A-20487		17 May 45	Clamp (see also D-20427)		U	
Dwg. A-20488		17 May 45	Spur Gear for Potentiometer (see also E-20427)		U	
Dwg. A-20489		17 May 45	Motor Clamp (see also E-20427)		U	
Dwg. A-20490		18 May 45	Spur Gear Assembly for #16 Synchro (see also E-20427)		U	
Dwg. A-20491		18 May 45	Spur Gear (see also A-20491)		U	
Dwg. A-20492		18 May 45	Bushing (see also A-20490)		U	
Dwg. A-20493		18 May 45	Washer for Loading Spring (see also D-20427)		U	
Dwg. A-20494		17 May 45	Spur Gear (see also D-20427)		U	
Dwg. A-20496		24 May 45	Piston		U	
Dwg. B -20497		23 May 45	Resistor Board Template for VRI-1 D-C Amplifier		U	
Dwg. C -20498		24 May 45	Template for GB4G Panel of Regulated Bias Supply (see -1)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20498-1		1 Jun 45	Template for GB4G Panel of Regulated Bias Supply (see -2)		U	
Dwg. C-20498-2		6 Jun 45	Template for GB4G Panel of Regulated Bias Supply		U	
Dwg. C-20499		25 May 45	Panel Template for VRI D-C Amplifier (see -1)		U	
Dwg. C-20499-1		1 Jun 45	Panel Template for VRI D-C Amplifier (see -2)		U	
Dwg. C-20499-2		13 Jun 45	Panel Template for VRI D-C Amplifier (see -3)		U	
Dwg. C-20499-3		2 Jul 45	VRI-1 Amplifier Panel Template		U	
Dwg. C-20504		23 May 45	Panel Template for RAL-1 Repeater Amplifier (see -1)		U	
Dwg. C-20504-1		1 Jun 45	Panel Template for RAL-1 Repeater Amplifier (see -2)		U	
Dwg. C-20504-2		18 Jun 45	Panel Template for RAL-2 Repeater Amplifier (see -3)		U	
Dwg. C-20504-3		18 Jun 45	Panel Template for RAL-2 Repeater Amplifier (see also B-20702)		U	
Dwg. R-20505		12 Jun 45	Time Generator Assembly		U	
Dwg. A-20506		14 Jun 45	Clam (Gear)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20507		15 Jun 45	Panel Template for RA1-1 Amplifier (see -1)		U	
Dwg. C-20507-1		18 Jun 45	Panel Template for RA1-1 Amplifier (see -2)		U	
Dwg. C-20507-2		18 Jun 45	Panel Template for RA1-1 Amplifier (see also B-20282; C-20510)		U	
Dwg. C-20508		16 Jun 45	Panel Template for Potentiometer Panels PPl-1; PPl-2; PPl-3 (see -1)		U	
Dwg. C-20508-1		18 Jun 45	Panel Template for Potentiometer Panels PPl-1; PPl-2; & PPl-3 (see also B-20283; C-20512)		U	
Dwg. C-20509		15 Jun 45	Panel Template for P11-1 Amplifier (see -1)		U	
Dwg. C-20509-1		2 Jul 45	Panel Template for P11-1 Amplifier (see also B-20701)		U	
Dwg. C-20510		18 Jun 45	RA1-1 Amplifier Panel (see -1)		U	
Dwg. C-20510-1		18 Jun 45	RA1-1 Amplifier Panel (see also B-20282; C20507)		U	
Dwg. C-20511		18 Jun 45	Panel Template for CPl-1 Panel (see also B-20286)		U	
Dwg. C-20512		19 Jun 45	Potentiometer Panels PPl-1, PP-1-2 & PPl-3 (see also B-20203; C-20508)		U	
Dwg. C-20513		18 Jun 45	Location of Components on VR1-1 Amplifier Panel (see -1)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20513-1		2 Jul 45	Location of Components on VR1-1 Amplifier Panel		U	
Dwg. C-20514		20 Jun 45	SC6-3 Amplifier Panel (see -1)		U	
Dwg. C-20514-1		20 Jun 45	SC6-3 Amplifier Panel (see -2)		U	
Dwg. C-20514-2		27 Jun 45	SC6-3 Amplifier Panel (see also B-20705; C-20515)		U	
Dwg. C-20515		20 Jun 45	SC6-3 Panel Template (see -1)		U	
Dwg. C-20515-1		20 Jun 45	SC6-3 Panel Template (see -2)		U	
Dwg. C-20515-2		21 Jun 45	SC6-3 Panel Template (see -3)		U	
Dwg. C-20515-3		27 Jun 45	SC6-3 Panel Template (see also B-20705; C-20514)		U	
Dwg. C-20516		20 Jun 45	1P1-1 Panel Template (see -1)		U	
Dwg. C-20516-1		27 Jun 45	1P1-1 Panel Template (see also B-20285)		U	
Dwg. C-20517		22 Jun 45	SA2-1 Panel Template		U	
Dwg. C-20518		27 Jun 45	D.E.S. SC6-4 Panel Template (see also B-20704)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20519			D. E. S. RA1-3 Panel Template (see also B-20710)		U	
Dwg. D-20520		29 Jun 45	D. E. S. Isolation Transformer Panel Template		U	
Dwg. C-20521		3 Jul 45	Ground Strap Assembly (see also C-20280)		U	
Dwg. B-20522		2 Jul 45	Ground Strap (top) (see also C-20521)		U	
Dwg. B-20523		3 Jul 45	Ground Strap (Bottom) (see also C-20251)		U	
Dwg. B-20524		2 Jul 45	Ground Strap (Side) (see also C-20251)		U	
Dwg. C-20525		2 Jul 45	D. E. S. Power Panel Template (see -1)		U	
Dwg. C-20525-1		6 Jul 45	D. E. S. Power Panel Template (see -2)		U	
Dwg. C-20525-2		1 Oct 45	D. E. S. Power Panel Template		U	
Dwg. C-20526		2 Jul 45	D. E. S. Control Panel Template (see -1)		U	
Dwg. C-20526-1		6 Jul 45	D. E. S. Control Panel Template		U	
Dwg. A-20527		3 Jul 45	Spacer for VR1-1 Amplifier Panel		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20528		5 Jul 45	RS2-1 Power Supply Chassis Template (Obsolete)		U	
Dwg. B-20529		5 Jul 45	Amplifier		U	
Dwg. A-20530		18 Jul 45	Spur Gear Assembly (Helipot)		U	
Dwg. A-20531		18 Jul 45	Bushing		U	
Dwg. C-20532		24 Jul 45	Recorder Amplifier Template		U	
Dwg. D-20533		20 Jul 45	SA3-1 Panel Template		U	
Dwg. C-20534		3 Aug 45	Integrator Terminal Board		U	
Dwg. D-20535		7 Aug 45	Aircraft Analyzer - Floor Plan (see -1)		U	
Dwg. D-20535-1		16 Oct 45	Aircraft Analyzer - Floor Plan (see -2)		U	
Dwg. D-20535-2		26 Oct 45	Aircraft Analyzer - Floor Plan		U	
Dwg. A-20536		13 Aug 45	Pivot Screw		U	
Dwg. A-20537		13 Aug 45	Torsion Spring		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. A-20538		14 Aug 45	Locking Lever		U	
Dwg. A-20539		13 Aug 45	Plug Cap		U	
Dwg. A-20540		13 Aug 45	Connector		U	
Dwg. A-20541		13 Aug 45	Locating Pin		U	
Dwg. A-20543		13 Aug 45	Plug Nose		U	
Dwg. A-20544		13 Aug 45	Bracket		U	
Dwg. A-20545		13 Aug 45	Retainer		U	
Dwg. A-20546		13 Aug 45	Insulator (Front)		U	
Dwg. A-20547		13 Aug 45	Cartridge		U	
Dwg. A-20548		13 Aug 45	Snap Ring		U	
Dwg. A-20549		13 Aug 45	Washer		U	
Dwg. A-20550		13 Aug 45	Insulator (Back)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20551		13 Aug 45	Body Assembly		U	
Dwg. B-20552		13 Aug 45	Plug Body		U	
Dwg. B-20553		13 Aug 45	Lower Plate		U	
Dwg. C-20554		13 Aug 45	Upper Plate		U	
Dwg. C-20555		20 Aug 45	Transformer Turntable Base		U	
Dwg. B-20556		20 Aug 45	Coil Gimbal Support Assembly		U	
Dwg. A-20557		20 Aug 45	Coil Clamp Assembly (see also B-20556)		U	
Dwg. A-20558		20 Aug 45	Coil Clamp Side Piece (Large) (see also A-20557)		U	
Dwg. A-20559		20 Aug 45	Coil Clamp Side Piece (Small) (see also A-20557)		U	
Dwg. A-20560		30 Aug 45	Coil Clamp End Piece (see also A-20577)		U	
Dwg. A-20561		21 Aug 45	Thumb Screw (see -1)		U	
Dwg. A-20561-1		13 Sep 45	Thumb Screw (see also B-20556)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20562		20 Aug 45	Gimbal Frame (see also B-20556)		U	
Dwg. A-20563		18 Aug 45	Base (see also B-20556)		U	
Dwg. A-20564		21 Aug 45	Insulator Washer		U	
Dwg. A-20565		21 Aug 45	Insulator Sleeve		U	
Dwg. A-20566		21 Aug 45	Potentiometer Shaft (DeJur AMSCO)		U	
Dwg. B-20567		20 Aug 45	Transformer Turntable		U	
Dwg. B-20568		21 Aug 45	Wiring Diagram Stencil (see C-20572)		U	
Dwg. B-20569		27 Aug 45	Base Plate		U	
Dwg. B-20570		27 Aug 45	B "r" g. Support		U	
Dwg. C-20571		25 Sep 45	Impedance Bridge Panel		U	
Dwg. C-20572		13 Sep 45	Wiring Diagram Stencil (see -1)		U	
Dwg. C-20572-1	R-57		Electrical Symbol Stencil (see -2)	T. Leary	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20572-2		16 Nov 45	Electrical Symbol Stencil (see -2)	T. Leary	U	
Dwg. A-20573		13 Sep 45	Calibration Search Coil (see -1)		U	
Dwg. A-20573-1	Computation Book #1		Calibration Search Coil	M. Florencourt	U	
Dwg. A-20574		25 Sep 45	Transfer Mounting		U	
B-20575 C-20576 Dwg. 177 A-20578	R-57		Electrical Symbol Stencil	T. Leary	U	
Dwg. D-20700		13 Jun 45	Wiring Schematic of Interconnections on NLT Rack III (see -1)		U	
Dwg. D-20700-1		18 Jun 45	Wiring Schematic of Interconnections on NLT Rack III (see-2)		U	
Dwg. D-20700-2			Wiring Schematic of Interconnections on NLT Rack III (see -3)		U	
Dwg. D-20700-3		27 Jun 45	Wiring Schematic of Interconnections on NLT Rack III		U	
Dwg. B-20701		16 Jun 45	Phase-Sensitive Amplifier P11-1 (see -1)		U	
Dwg. B-20701-1		20 Jul 45	D. E. S. Phase-Sensitive Amplifier P11-1 (see -2)		U	
Dwg. B-20701-2		5 Oct 45	D. E. S. Phase-Sensitive Amplifier P11-1		U	
Dwg. B-20702		19 Jun 45	Repeater Amplifier RA1-2		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20703		19 Jun 45	Amplifier Color Code Schematic (see B-20717)		U	
Dwg. B-20704		28 Jun 45	D. E. S. Summing Amplifier SC6-4		U	
Dwg. B-20705		19 Jun 45	Summing Amplifier SC6-3 (see -1)		U	
Dwg. B-20705-1		25 Jun 45	Summing Amplifier SC6-3 (see -2)		U	
Dwg. B-20705-2		27 Jun 45	Summing Amplifier SC6-3 (see -3)		U	
Dwg. B-20705-3		28 Jun 45	Summing Amplifier SC6-3		U	
Dwg. D-20706		21 Jun 45	Wiring Schematic of Interconnections on NLT Rack II (see -1)		U	
Dwg. D-20706-1		22 Jun 45	Wiring Schematic of Interconnections on NLT Tack II (see -2)		U	
Dwg. D-20706-2		27 Jun 45	Wiring Schematic of Interconnections on NLT Rack II (see -3)		U	
Dwg. D-20706-3		20 Jul 45	Wiring Schematic of Interconnections on NLT Rack II		U	
Dwg. D-20707		22 Jun 45	Wiring Schematic of Interconnections on NLT Rack IV (see -1)		U	
Dwg. D-20707-1		27 Jun 45	Wiring Schematic of Interconnections on NLT Rack IV		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. D-20708		25 Jun 45	A. C. Servo Amplifier SA2-1 (see -1)		U	
Dwg. D-20708-1 D 20708-2		5 Jul 45	A. C. Servo Amplifier SA2-1 (see -2)		U	
Dwg. C-20709		26 Jun 45	NLT Racks, Front View		U	
Dwg. B-20710		2 Jul 45	D. E. S. Repeater Amplifier RA1-3 (see -1)		U	
Dwg. B-20710-1		20 Jul 45	D. E. S. Repeater Amplifier RA1-3 and RA1-4 (see -2)		U	
Dwg. B-20710-2		21 Jan 46	D. E. S. Repeater Amplifier RA1-3 and RA1-4		U	
Dwg. D-20711		3 Jul 45	VRL-1 D-C Amplifier Schematic (see B-20278)		U	
Dwg. A-20712		14 Jun 45	Application of PLL-1 Amplifier		U	
Dwg. C-20713		5 Jul 45	RS2-1 Power Supply Schematic (see D-20751)		U	
Dwg. D-20714 D-20714-1		6 Jul 45	A. C. Servo Amplifier SA2-2 (see -1)		U	
Dwg. D-20715		20 Jul 45	D. E. S. D-C Servo Amplifier SA3-1 (see -1)		U	
Dwg. D-20715-1		18 Aug 45	D. E. S. D-C Servo Amplifier SA3-1 (see -2)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. D-20715-2		24 Aug 45	D. E. S. D-C Servo Amplifier SA3-1 (see -3)		U	
Dwg. D-20715-3		5 Oct 45	D. E. S. D-C Servo Amplifier SA3-1		U	
Dwg. D-20716		14 Aug 45	D. E. S. D-C Servo Amplifier SA3-2 (see -1)		U	
Dwg. D-20716-1		5 Oct 45	D. E. S. D-C Servo Amplifier SA3-2		U	
Dwg. B-20717	R-54	14 Jul 45	Amplifier Color Code Schematic	H. R. Boyd	U	
Dwg. C-20718		19 Jul 45	Quasi-Regulated Power Supply		U	
Dwg. B-20719		18 Jul 45	D. E. S. Summing Circuit SC6-1, Panel A (see -1)		U	
Dwg. B-20719-1		21 Jan 46	D. E. S. Summing Circuit SC6-1, Panel A		U	
Dwg. B-20720		18 Jul 45	D. E. S. Summing Amplifier, SC6-1, Panel B		U	
Dwg. C-20721		20 Jul 45	D. E. S. Summing Amplifier SC6-5 (see -1)		U	
Dwg. C-20721-1		26 Jul 45	D. E. S. Summing Amplifier SC6-5 (see -2)		U	
Dwg. C-20721-2		21 Jan 45	D. E. S. Summing Amplifier SC6-5		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20722		25 Jul 45	D. E. S. Rack & Panel Layout (see -1)		U	
Dwg. C-20722-1		26 Jul 45	D. E. S. Rack & Panel Layout		U	
Dwg. D-20723		26 Jul 45	Interconnections - Differential Equation Solver - Rack I (see -1)		U	
Dwg. D-20723-1		4 Oct 45	Interconnections - Differential Equation Solver Rack I (see -2)		U	
Dwg. 27 D-20723-2		5 Oct 45	Interconnections - Differential Equation Solver - Rack I		U	
Dwg. D-20724		27 Jul 45	Interconnections - Differential Equation Solver - Rack II (see -1)		U	
Dwg. D-20724-1		4 Oct 45	Interconnections - Differential Equation Solver - Rack II		U	
Dwg. D-20725		31 Jul 45	Interconnections - Differential Equation Solver Rack III (see -1)		U	
Dwg. D-20725-1		4 Oct 45	Interconnections - Differential Equation Solver - Rack III (see -2)		U	
Dwg. D-20725-2		5 Oct 45	Interconnections - Differential Equation Solver - Rack III		U	
Dwg. D-20726		31 Jul 45	Interconnections - Differential Equation Solver - Rack IV (see -1)		U	
Dwg. D-20726-1		28 Aug 45	Interconnections - Differential Equation Solver Rack IV (see -2)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. D-20726-2		4 Oct 45	Interconnections - Differential Equation Solver - Rack IV		U	
Dwg. E-20727		28 Jul 45	Interconnections - D. E. S. Rack V (see -1)		U	
Dwg. E-20727-1		19 Sep 45	Interconnections - D. E. S. Rack V		U	
Dwg. D-20728		1 Aug 45	Wiring Schematic D. E. S. Integrator A, Stage 1			
Dwg. D-20729		1 Aug 45	Wiring Schematic, D. E. S. Integrator A, Stage 2 (see -1)		U	
Dwg. D-20729-1		4 Oct 45	Wiring Schematic D. E. S. Integrator A, Stage 2		U	
Dwg. D-20730		31 Jul 45	Wiring Schematic D. E. S. Integrator B, Stage 1 (see -1)		U	
Dwg. D-20730-1		24 Sep 45	Wiring Schematic D. E. S. Integrator B, Stage 1		U	
Dwg. D-20731		31 Jul 45	Wiring Schematic D. E. S. Integrator B, Stage 2 (see -1)		U	
Dwg. D-20731-1		4 Oct 45	Wiring Schematic D. E. S. Integrator B, Stage 2		U	
Dwg. C-20732		31 Jul 45	D. E. S. Multiplier Circuit Schematic (see -1)		U	
Dwg. C-20732-1		4 Oct 45	D. E. S. Multiplier Circuit Schematic		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. C-20733		31 Jul 45	D. E. S. Scale Factor Circuit Schematic		U	
Dwg. A-20734		25 Jul 45	D. E. S. Time Generator Schematic		U	
Dwg. C-20735		31 Jul 45	D. E. S. Control Panel Schematic (see -1)		U	
Dwg. C-20735-1		20 Aug 45	D. E. S. Control Panel Schematic (see -2)		U	
Dwg. C-20735-2		24 Sep 45	D. E. S. Control Panel Schematic		U	
Dwg. C-20736		31 Jul 45	D. E. S. Power Panel Schematic		U	
Dwg. D-20737-1		31 Jul 45	D. E. S. Isolation Transformer Panel Schematic		U	
Dwg. B-20738		4 Aug 45	D. E. S. Recorder Amplifier (see -1)		U	
Dwg. B-20738-1		17 Oct 45	D. E. S. Recorder Amplifier (see B-20775)		U	
Dwg. D-20739		25 Jul 45	Experimental D-C Servo Amplifier SA3-0 (see D-20715)		U	
Dwg. C-20740		31 Jul 45	Circuit Schematic IAL-1 (see -1)		U	
C-20740-1		17 Aug 45	Circuit Schematic IA-1 (see C-20744)		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. D-20741		3 Aug 45	3 Channel - 50 Watt Amplifier Wiring Schematic (see -1)		U	
Dwg. D-20741-1		17 Aug 45	3 Channel - 50 Watt Amplifier Circuit Schematic (see -2)		U	
Dwg. D-20741-2		22 Aug 45	3 Channel - 50 Watt Amplifier Circuit Schematic (see D-20745)		U	
Dwg. C-20742		3 Aug 45	Ballantine - Model 300 - A.C. Voltmeter Circuit Schematic		U	
Dwg. C-20743		12 Jul 45	Summing Amplifier SC6-6		U	
Dwg. C-20744		26 Aug 45	Self-Balancing Integrator Circuit (see D-20752)		U	
Dwg. D-20745		27 Aug 45	70-Watt Amplifier Schematic (see -1)		U	
Dwg. D-20745-1		6 Sep 45	50-Watt Amplifier Schematic (see D-20753)		U	
Dwg. B-20746		12 Sep 45	Variable Frequency Oscillator		U	
Dwg. B-20747		11 Sep 45	Three - Phase Oscillator		U	
Dwg. A-20748		11 Sep 45	Low-Level Repeater Amplifier		U	
Dwg. B-20749		11 Sep 45	Impedance Bridge Schematic		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20750		17 Sep 45	Pre-Amplifier Schematic (see D-20752)		U	
Dwg. D-20751		15 Aug 45	Regulated Supply RS2-1 Schematic (see -1)		U	
Dwg. D-20751-1		24 Oct 45	Regulated Supply RS2-1 Schematic		U	
Dwg. D-20752		21 Sep 45	Electronic Integrator Schematic (see -1)		U	
Dwg. D-20752-1		8 Oct 45	Electronic Integrator Schematic (see -2)		U	
Dwg. D-20752-2		9 Oct 45	Electronic Integrator Schematic (see -3)		U	
Dwg. D-20752-3		11 Oct 45	Electronic Integrator Schematic (see -4)		U	
Dwg. D-20752-4		16 Oct 45	Electronic Integrator Schematic		U	
Dwg. D-20753		26 Sep 45	100 - Watt Amplifier Schematic (see D-20761)		U	
Dwg. D-20755		28 Sep 45	Electronic Multiplier No. 2		U	
Dwg. B-20756		8 Oct 45	Example of Circuit Schematic (see -1)	T. Leary	U	
Dwg. B-20756-1	R-57		Example of Circuit Schematic	T. Leary	U	

ARCHIVES INVENTORY

SUBJECT	BOOK REFERENCE REFERENCE	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20757	R-57		Schematic Categories	T. Leary	U	
Dwg. D-20758		16 Oct 45	"H" Phase Meter Circuit		U	
Dwg. B-20759		4 Oct 45	Phase-Sensitive Detector Test Schematic		U	
Dwg. B-20760	Computation Book #1		Transformer Test Schematic	M. Florencourt	U	
Dwg. D-20761		23 Oct 45	120 - Watt Amplifier Schematic (see -1)		U	
Dwg. D-20761-1		6 Dec 45	120 - Watt Amplifier Schematic		U	
Dwg. B-20762		24 Oct 45	Block Diagram Proposed for 3-Phase Induction Motor Servomechanism (see -1)		U	
Dwg. B-20762-1		5 Nov 45	Block Diagram Proposed for 3-Phase Frequency Controlled Induction Motor Servomechanism		U	
Dwg. C-20763		26 Oct 45	Variable - Frequency Oscillator and 3-Phase 10,000 - Cycle Oscillator		U	
Dwg. C-20764		1 Nov 45	Detector and Power Amplifier for Variable Frequency Motor Controller		U	
Dwg. B-20765		1 Nov 45	A-C and D-C Voltage Supply		U	
Dwg. A-20766		1 Nov 45	Method of Obtaining Data for Transfer Locus $\frac{\theta_0}{E_V}$ for Frequency Controlled 3 ϕ Induction Motor		U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
Dwg. B-20767		2 Nov 45	Circuits and Characteristic of Controllable-Frequency R-C Oscillator		U	
Dwg. A-20768		13 Nov 45	Input Circuit for Brown Recorder (see -1)		U	
Dwg. D-20769		19 Nov 45	Electronic Phase Meter	J. E. Shepard	U	
Dwg. D-20770		30 Nov 45	D. E. S. A-C Servo Amplifier SA4-1 (see -1)		U	
Dwg. D-20771 D 20771		18 Dec 45	D. E. S. D-C Servo Amplifier SA5-1 (see -1)		U	
Dwg. R-20772			A. S. C. A. Engine Representation		U	
Dwg. C-20773		15 Jan 46	D. E. S. Summing Amplifier SC7-1		U	
Dwg. C-20774		15 Jan 46	D. E. S. Summing Amplifier SC8-1		U	
Dwg. B-20775		15 Jan 46	D. E. S. Recorder Amplifier		U	
Dwg. D-20777		18 Dec 45	D. E. S. D-C Servo Amplifier SA5-2		U	
Dwg. B-20778			Radiation Laboratory Low-Level Amplifier		U	