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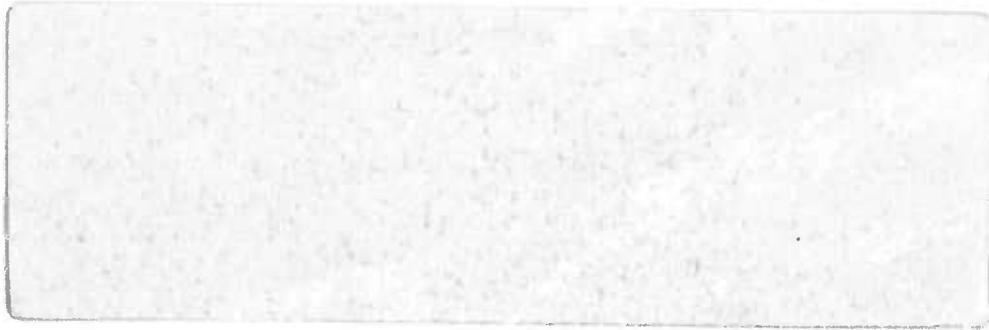
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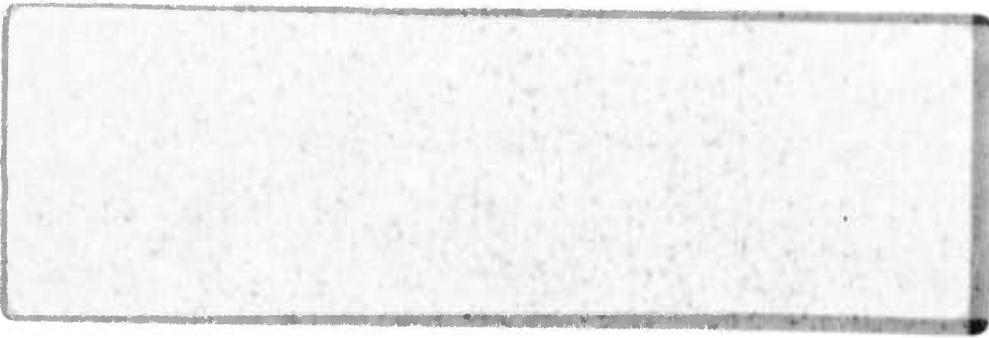
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B-1 SYSTEMS APPROACH TO TRAINING
TECHNICAL MEMORANDUM SAT-1

FINAL REPORT
VOLUME 3

APPENDIX B: BIBLIOGRAPHY AND DATA COLLECTION TRIPS

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PREFACE

This document is one of several technical memoranda which have been delivered to the B-1 Systems Project Office (B-1 SPO) in performance of the Systems Approach to Training (SAT) Task under Contract Number F33657-75-C-0021. Each of the separate SAT documents is listed below. Additional copies may be requested from: B-1 Systems Project Office, Data Configuration Division, Wright-Patterson Air Force Base, Ohio.

<u>Technical Memoranda</u>	<u>Number</u>	<u>Author(s)</u>	<u>Date</u>
B-1 Systems Approach to Training, Final Report.	SAT- 1 Vol. 1	R. Sugarman S. Johnson W. Ring	July 1975
B-1 Systems Approach to Training, Final Report. Appendix A: Cost Details.	SAT- 1 Vol. 2	H. Reif W. Ring	July 1975
B-1 Systems Approach to Training, Final Report. Appendix B: Bibliography and Data Collection Trips.	SAT- 1 Vol. 3	A. Blair	July 1975
Behavioral Objectives for the Pilot, Copilot, and Offensive Systems Operator.	SAT- 2 Vol. 1 & 2	J. Mitchell W. Hinton S. Johnson	July 1975
Simulation Technology Assessment Report (STAR). <i>Book 896</i>	SAT- 3	S. Johnson J. Knight R. Sugarman	July 1975
Sorting Model for B-1 Aircrew Training Data. User's and Programmer's Guide.	SAT- 4	J. Menig T. Ranney	July 1975
Training Resources Analytic Model (TRAM). User's Manual.	SAT- 5	W. Ring G. Gaidasz J. Menig W. Stortz	July 1975
Training Resources Analytic Model (TRAM). Programmer's Manual.	SAT- 6	W. Ring G. Gaidasz J. Menig	July 1975
Task Analysis Listings.	SAT- 7	J. Mitchell T. Ranney	July 1975
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BIBLIOGRAPHY AND DATA COLLECTION TRIPS

Anndrea J. Blair

INTRODUCTION AND SUMMARY

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LISTING OF TECHNICAL MEETINGS FOR B-1 SAT DATA COLLECTION

DATE	SUBJECT/PURPOSE	PARTICIPANTS	LOCATION
4/19/74	INVESTIGATE AMERICAN AIRLINES FLIGHT TRAINING SYSTEM FOR COMMERCIAL FLIGHT CREWS	MR. G. WYNN	AMERICAN AIRLINES FLIGHT ACADEMY, FORTH WORTH, TX
5/30/74	REVIEW PAST, CURRENT & FUTURE INSTRUCTIONAL SYSTEM DEVELOPMENT (ISO)	MR. E. RILEY LCDR M. OUITIQUIT	CNET, PENSACOLA, FL
5/31/74	REVIEW PAST, CURRENT & FUTURE INSTRUCTIONAL SYSTEM DEVELOPMENT (ISD) WITH REPRESENTATIVES OF HUMAN FACTORS LABORATORY, TRAINING ANALYSIS AND EVALUATION GROUP, AND NAVAIRSYSCOM	LCDR P. CHATELIER J. DUVA H. OKRASKI G. HALL A. SMODE J. PUIG R. BROWNING R. BIRD W. BONEY	NTEC, ORLANDO, FL
6/20/74	INSPECT FB-111 CCTS	LT. COL. CHRISTIANSEN SGT. PORTER CAPT. BREEN CAPT. HAYDEN MAJ. WOLFE MAJ. WACHSMUTH	PLATTSBURGH AFB, NY
7/25 - 8/2/74	GATHER INSTRUCTIONAL SYSTEM DEVELOPMENT INFORMATION	MR. R. FLEXMAN DR. S. ROSCOE MR. G. BEUTLER MR. D. SEAY MR. M. SAINGER DR. P. CARPENTER MR. R. PYLES	AVIATION LABORATORY UNIVERSITY OF ILLINOIS, UNITED AIRLINES TRAINING FACILITY, DENVER, CO BOEING CO., SEATTLE, WA ROCKWELL INT'L CORP. LOS ANGELES, CA RAND CORP., SANTA MONICA, CA
9/11-12/74	GATHER INFORMATION RELEVANT TO THE INCOMING SKILLS AND KNOWLEDGES AND SIMULATION FROM FB-111 CCTS.	MAJ. G. DART (SAC) CAPT. J. BREEN (SAC) MAJ. G. DIETRICH (SAC) COL. G. HECKER (SAC)	PLATTSBURGH AFB, NY
10/9/74	ATTEND BRIEFING ON FORWARD LOOKING INFRARED SIMULATION	MR. W. FOLEY (AFHRL)	WPAFB, OH
10/10/74	OBTAIN INFORMATION RELEVANT TO TRAINING DEVICES	MR. J. MILAZZO	TRAINER CORPORATION OF AMERICA, BUFFALO, NY
10/11/74	OBTAIN INFORMATION ABOUT THE FB-111 CCTS AND SIMULATION FACILITY	LT. COL. E. CHRISTIANSEN (SAC) MAJ. W. WACHSMUTH (SAC) MAJ. W. HOSTETTER (SAC)	PLATTSBURGH AFB, NY
10/30-31/74	ATTENDED ATC TRAINING CONFERENCE	DR. M. ROCKWAY (AFHRL)	SHEPARD AFB, TX
11/6/74	OBTAIN INFORMATION RELEVANT TO INCOMING SKILLS/KNOWLEDGES FROM UNDERGRADUATE PILOT TRAINING (UPT)	MAJ. HARRIS (ATC)	RANDOLPH AFB, TX
11/7/74	OBTAIN INFORMATION RELEVANT TO INCOMING SKILLS/KNOWLEDGES FROM UNDERGRADUATE NAVIGATOR TRAINING (UNT)	LT. COL. G.W. ENGEL, JR. (ATC)	RANDOLPH AFB, TX
11/13-14/74	ANNUAL PROGRAM REVIEW	DR. S.N. ROSCOE	AVIATION RESEARCH LABORATORY, UNIVERSITY OF ILLINOIS, CHAMPAIGN, IL

LISTING OF TECHNICAL MEETINGS FOR B-1 SAT DATA COLLECTION (Continued)

DATE	SUBJECT/PURPOSE	PARTICIPANTS	LOCATION
11/18/74	GATHER INFORMATION RELEVANT TO SIMULATION	DR. W.M. BUNKER	GENERAL ELECTRIC CO. DAYTONA BEACH, FL
12/5/74	OBTAIN INFORMATION RELEVANT TO STATE-OF-THE-ART IN VISUAL SIMULATION	MR. R. HOUSTON MR. G. WYNN	AMERICAN AIRLINES FLIGHT ACADEMY, FORT WORTH, TX
12/4-5/74	OBTAIN INFORMATION ABOUT THE B-52 D/F CCTS	LT. COL. J. COOLIDGE (SAC)	BARKSDALE AFB, LA
12/6/74	DISCUSSION OF INSTRUCTIONAL SYSTEM DESIGN PROCEDURES AND RELATIONSHIP BETWEEN B-1 AIR-CREW AND MAINTENANCE TRAINING	COL. A.G. KENDRICK COL. S. SHRUM LT. COL. JOCHEN LT. COL. C. WALDEN LT. COL. S. HESS MAJ. L. WOOD SMSGT. R. MOON MR. E. MOORE	RANDOLPH AIR FORCE BASE, TX
12/13/74	OBTAIN INFORMATION RELEVANT TO THE SIMULATION TECHNOLOGY REPORT FROM AF SIMULATOR SPO AND ASD	MR. R. SWAB MR. D. GIBINO	WPAFB, OH
12/16/74	OBTAIN INFORMATION RELEVANT TO FB-111 NAVIGATOR TRAINING	LT. COL. D. HERING (YHS/BOEING)	WPAFB, OH
12/16/74	OBTAIN INFORMATION ABOUT B-52 ISD	DR. J. SKEEN	HUGHES AIRCRAFT HAWTHORNE, CA
12/17/74	OBTAIN INFORMATION ABOUT PRESENT B-52 CCTS	CAPT. SWIHARA	CASTLE AFB, CA
12/18/74	OBTAIN INFORMATION ABOUT TRAINING DEVICES FROM UNT, NBT, AND EWO	LT. COL. R. THOMPSON COL. O. McCURTAN	MATHER AFB, CA
12/18/74	OBTAIN INFORMATION RELEVANT TO ELECTRONIC WARFARE TRAINING	MR. D. REEVES (YHS)	WPAFB, OH
12/19/74	OBTAIN INFORMATION RELEVANT TO THE SIMULATION TECHNOLOGY REPORT	MR. DUSTERBERRY	NASA-AMES MOUNTAIN VIEW, CA
1/8/75	DISCUSS SIMULATION STATE-OF-THE-ART	MR. A. DOTY (ASD/ENCT)	WPAFB, OH
1/16/75	OBTAIN INFORMATION ABOUT SIMULATION	LT. COL. W. BLACK (PENTAGON)	WASHINGTON, DC
1/20/75	ATTEND WORKSHOP ON SIMULATION SPONSORED BY FDL, AFOSR, HRL AND AMRL	MR. B. CREAM (AFHRL) DR. C. HUTCHINSON (AFOSR) DR. W. HAGEN (AFHRL)	WPAFB, OH
1/28/75	DISCUSS STATE-OF-THE-ART IN SIMULATION	MR. R. TAYLOR (SINGER) MR. D. ADZIGIAN (SINGER) MR. R. GREENLY (SINGER)	CALSPAN, BUFFALO, NY
1/13/75	DISCUSS MEDIA SELECTION CONSIDERATIONS	DR. E. SMITH (AFHRL)	LOWRY AFB, CO
2/18/75	REVIEW ADVANCED INSTRUCTIONAL SYSTEM (AIS) DATA AND PROCEDURES	DR. E.A. SMITH MAJ. R. GROSSEL	LOWRY AFB, CO

LISTING OF TECHNICAL MEETINGS FOR B-1 SAT DATA COLLECTION (Continued)

DATE	SUBJECT/PURPOSE	PARTICIPANTS	LOCATION
2/20/75	DISCUSS SIMULATION REQUIREMENTS	LT. COL. W.H. WITTEKIND MAJ. E.E. CURBOW	U.S. ARMY AVIATION CENTER FT. RUCKER, AL
2/21/75	DISCUSS SIMULATION REQUIREMENTS WITH COAST GUARD, AVIATION TRAINING	MR. H.K. POVENMIRE	BATES FIELD, MOBILE, AL
3/5/75	DISCUSS CONCEPTS FOR SYSTEMS OPERATORS SIMULATION REQUIREMENTS	MR. J. MATAVA	BOEING CO. SEATTLE, WA
3/25/75	OBTAIN INFORMATION ON SIMULATOR PROCUREMENT	MR. C. CASCARDO MR. J. ALLEN MR. J. HENDERSEN	WPAFB, OH
4/2/75	OBTAIN INFORMATION RELEVANT TO RESEARCH ON SIMULATION FOR TRAINING	DR. W. HAGIN (AFHRL)	WILLIAMS AFB, AZ
4/3/75	TO DISCUSS SIMULATION FOR AIRCREW TRAINING	CMDR. R. KING	NAS, SAN DIEGO, CA
4/18/75	DISCUSSING STATE-OF-THE-ART IN SIMULATION	MR. D. PIPKIN (ASD/ENCT) MR. D. SHUMWAY (ASD/ENCT) MR. J. NEFF (ASD/ENCT) MR. P. BABEL (ASD/ENCT)	WPAFB, OH
4/18/75	DISCUSSING TRAINING DEVICE REQUIREMENTS	MR. B. CREAM (AFHRL) DR. G. KLEIN (AFHRL) MR. A. GILL (AFHRL)	WPAFB, OH
4/25/75	VERIFY ASSUMPTIONS WITH SAC INSTRUCTOR PERSONNEL	MAJ. W. HOSTETTER MAJ. W. WACHSMUTH	PLATTSBURGH AFB, NY
5/19/75	DISCUSS SOFTWARE SUPPORT CAPABILITY	LT. COL. J. CANADAY MAJ. C. BUCKENMAIER MAJ. J. DEMUTH MR. P. BABEL	WPAFB, OH
5/28/75	DISCUSS TRAINING COURSE SEQUENCES	MAJ. HOSTETTER CAPT. J. BRISBY	PLATTSBURGH AFB, NY
7/24/75	DISCUSS DATA COLLECTION TECHNIQUES	MR. B. CREAM (AFHRL) DR. G. KLEIN (AFHRL) DR. T. EGGEMEIER (AFHRL)	WPAFB, OH