APPENDIX E

COURSE DESCRIPTIONS

FAA Academy Air Traffic Instructional Support Services

Prepared by AMA-500 Staff
February 1, 2007

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Resident Courses managed by AMA-500

12051: Basic Obstruction Evaluation and Airport/Airspace Analysis (OE-AAA)
AMA-522

This course is primarily designed for air traffic, aviation standards, airports, and airway facility personnel involved in the obstruction evaluation and airport/airspace analysis programs at the regional/Washington headquarters level. The course consists of classroom instruction and laboratory exercises. Course content includes application of FAR 77, criteria; evaluation of aeronautical effect; issuance of hazard/no-hazard determinations; obstruction marking and lighting; FAR 157 and airport improvement program (AIP), airport processing, and issuance of airport airspace determinations.

12053: OE/AAA Refresher Training,
AMA-522

This refresher training is designed for personnel presently involved in the obstruction evaluation/airport airspace analysis program at the regional/Washington headquarters level. The refresher provides a review of applicable program documents and current FAA policy. Documents reviewed include FAR's 77 and 157, Order 7400.2, applicable advisory circulars, and MOU's. Discussions are held concerning the proper application of the documents. Attendees are also requested to suggest areas to be covered prior to attending the training.

50019: Airspace and Procedures
AMA-522

This course is designed primarily for airspace and procedures specialists in centers, terminals, regional offices, and Washington headquarters. The course consists of classroom and laboratory instruction on air traffic control documents pertaining to the airspace procedures specialist in center and terminal facilities.

50029: Rehired Terminal Controller Training
AMA-512

Designed for former terminal full-performance-level controllers who are being reemployed by the FAA. Training consists of indoctrination, classroom instruction, and laboratory exercises designed to reacquaint the participant with the technical and cultural aspects of ATC and the changes that have occurred since 1981.

50033: Rehired En Route Controller Training
AMA-511

Designed for former en route full-performance-level controllers who are being reemployed by the FAA. Training consists of indoctrination, classroom instruction, and laboratory exercises designed to reacquaint the participant with the technical and cultural aspects of ATC and the changes that have occurred since 1981.

50034: Terminal Basic Radar Training
AMA-512

This course is designed for terminal air traffic control specialists and consists of classroom and laboratory instruction. The instruction provided will enable the specialist to operate radar control positions and solve radar air traffic control problems. Course length includes 1 day of performance verification.

50041: Tower Cab Training for Rehired Controllers
AMA-513

This course is designed to train rehired controllers in the current tower cab policies and procedures, separation standards, and equipment usage to prepare for entry into on-the-job training in a terminal field facility.

50043: Air Traffic Basics (Terminal)
AMA-513

The air traffic basics course is designed for newly hired air traffic control specialists hired either competitively or through the cooperative education program. The course covers basic subjects that are prerequisite to option-specific skill training. There are no prerequisites for the course. The primary methods of instruction are lecture supplemented by embedded questions and discussion points, video segments, animation, two- and three-dimensional graphics, student handouts, and individual and group exercises.

50046: Initial Tower Cab Training
AMA-513

This course is designed for students who will be assigned to terminal facilities. It consists of classroom and laboratory instruction in both tower cab and terminal radar procedures. The academic instruction provided will enable the students to satisfactorily pass three required written examinations: tower visibility certification, BRITE and radar qualification. This training enables students to operate tower flight data, clearance delivery, ground control, local control positions, and the terminal radar arrival/departure positions. Upon

completion of the training students will be able to demonstrate the ability to sequence arriving/departing ac in accordance with FAA Order 7110.65.

50054: Obstruction Evaluation for Aeronautical Information Specialists
AMA-522

This course provides the knowledge and skills needed for the OE aeronautical information specialist. The course includes a review of program documents, notifications, and obstruction standards. Training in: signature authority on OE/AAA cases which do not exceed 14CFR Part 77 Obstruction Standards and have no adverse effect; marking and lighting decisions; communications; recognition of potential or actual aeronautical problems; requesting supplemental notice; traffic pattern criteria; circularization process; and special statements. Instruction includes classroom activities, practical exercises, instruction in program software, scenario-based discussions concerning the application of the standards, procedures, and current policies.

50115: Enhanced Traffic Management Coordinator (ETMC)
AMA-522

This course is designed primarily for full-performance-level personnel newly selected for traffic management coordinator positions (specialist or supervisory) at all ARTCC's and level 4/5 TRACON/terminals. Other candidates could be supervisors, staff specialists, personnel required to perform traffic management duties, airway facility (AF/AOS) personnel, and non-FAA participants (domestic and international). The course consists of classroom and lab instruction. Subject areas include TM management system/unit (TMS/TMU), open-system workstation users, TM associated equipment, TM programs/procedures required for implementation, and weather coordinator duties.

50118: VSCS Air Traffic Database Management
AMA-511

This training is designed for specialists responsible for maintaining the voice switching and control system (VSCS) air traffic database. The course content is VSCS database management sector communications and administrative functions associated with the VSCS. It would be beneficial to the student to complete course 55046 prior to attending this course.

50128: Enhanced Traffic Management Systems (ETMS) Administrator
AMA-522

This course is designed primarily for those personnel newly selected to be systems administrators for the open-system ETMS at their duty site's traffic management unit. The course consists of classroom and lab instruction. Subject areas include TMS/unit (TMS/TMU), open-system ETMS administrator duties, to include major functions/tasks that they must be able to perform to

administer the ETMS and enable its use, database management, system security, and enabling and modifying user access are among the topics covered.

50143: Air Traffic Basics (En Route)
AMA-511

The air traffic basics course is designed for newly hired air traffic control specialists hired either competitively or through the cooperative education program. The course covers basic subjects that are prerequisite to option-specific skill training. There are no prerequisites for the course. The primary methods of instruction are lecture supplemented by embedded questions and discussion points, video segments, animation, two- and three-dimensional graphics, student handouts; and individual and group exercises.

50145: Initial En Route Training
AMA-511

This course is designed for developmental en route air traffic control specialists (ATCS). It provides job-related knowledge and skill-oriented training. This training consists of classroom instruction, medium fidelity skills practice utilizing an interactive PC-based instructional system, and full fidelity simulation in an en route laboratory environment. Instruction provided will enable the developmental to progress into field-delivered stages of air traffic control training.

50302: Air Traffic Control (ATC) Indoctrination for Executives
AMA-521

This course is for executives from government and industry associated with aviation who require a general understanding of the air traffic system. It will assist in the development of a broad understanding of the services provided, the procedures employed, and the problems encountered in air traffic control (ATC). The course consists of classroom instruction and tours to facilities when time and conditions permit. Subject areas include the nation's airspace, navigational aids and airports, and air traffic services, and facilities.

50310: Air Traffic Facility Training Administration
AMA-521

This course consists of classroom and lab instruction on identification of training orders and documents, training administration requirements, record management, team interaction, facility training responsibilities, qualification training requirements, proficiency training requirements, operational requirements, and documentation. A strong emphasis is placed on workshop activity and the importance of the 3120.4 Air Traffic Technical Training Order.

50314: Quality Assurance Program Administration
AMA-521

This course is designed primarily for newly assigned air traffic quality assurance managers and specialists in en route centers, terminals, and flight service stations. The course consists of classroom and laboratory instruction on air traffic control documents pertaining to the quality assurance programs in air traffic facilities. Participants will receive instruction on facility evaluations, preparing accident and incident files, performing accident and incident analysis, and administering the operational error and deviation investigation and reporting program.

50316: Air Traffic Facility Management
AMA-521

This course is designed primarily for persons selected for their first air traffic (AT) facility manager's position. Other candidates are facility officers, supervisors, staff specialists, and personnel identified for supervisory positions. The course consists of classroom and laboratory instruction with at facility management documents pertaining to the management of an AT facility. Students receive instruction on day-to-day management of an at facility including budget and procurement, training, accident/incident reports, negotiating with FAA/non-FAA offices, LMR, leadership, travel, HRM, and administrative skills. Team building, travel manager, and IPPS have been integrated.

50319: Operational Supervisor's Workshop-Cadre Facilitator Training
AMA-521

This course prepares cadre instructors for delivery of course 55047, ATC operational supervisors. The activities include group discussions, team activities, case study exercises, and interactive instructions. The course content includes administrative, technical, and human relations skills necessary for operational supervisors to accomplish their day-to-day tasks. Emphasis is placed on instructional content and delivery methods, utilizing group facilitation skills.

50405: Cadre-Traffic Alert and Collision Avoidance System (TCAS)
AMA-513

This course is for cadre training at each ARTCC and terminal hub facility. The cadre will deliver TCAS training to the controller work force and facility training specialists. Field training delivery will be supported with a nationally developed videotape and facilitator's guide. TCAS training for air traffic controllers is a National Transportation Safety Board (NTSB) requirement.

50408: Cadre Training for Airport Surface Detection Equipment –3
AMA-513

This course is the cadre (train-the-trainer) course for those persons who will teach course 55042, airport surface detection equipment - 3 (ASDE-3), in the field. The course consists of classroom and laboratory instructions on the new ASDE-3 system.

53004: Common ARTS Support Specialist
AMA-522

This course is designed for air traffic terminal support specialists at automated radar approach control facilities that are or will be utilizing the ARTS IIA or ARTS IIIA common automated radar terminal system (common ARTS). It provides the necessary skills, knowledge, and abilities, through classroom lecture and practical laboratory exercises required to perform the air traffic functions associated with the common ARTS support specialists tasks.

53016: ARTS IIIA for AT Support Specialists
AMA-522

This course, under development as of the date of this document, is being designed for air traffic terminal support specialists at automated radar approach control facilities that are or will be utilizing the ARTS IIIA automated radar terminal system. It will provide the necessary skills, knowledge, and abilities, through classroom lecture and practical laboratory exercises required to perform the air traffic functions associated with the unique ARTS IIIA support specialist tasks.

55007: ARTS IIA OPERATIONAL EQUIPMENT FOR AIR TRAFFIC CONTROLLERS
AMA-513

This course is designed to train Air Traffic Control Specialists (ATCS) on the keyboard operations of the Automated Radar Terminal System (ARTS) IIA computer.

55048: Fundamentals of ATC OJTI: Facilitator Cadre Training
AMA-521

This training prepares classroom instructors to present the OJTI course at field facilities. Cadre training will review the course contents including OJT environment, learning process, training team process, and OJT process. Participants will practice presenting course materials.

55050: ATC Teamwork Enhancement (ATTE): Facilitator Training
AMA-521

Prepares cadre instructors to present the air traffic teamwork enhancement controller workshop. Participants will be given instruction in facilitation skills, workshop content, and training methods. Topic areas include: understanding air traffic teamwork; being a resource; communicating with others; and managing conflict and stress. Participants will be provided with a complete set of instructor materials.

Correspondence Courses maintained by AMA-500

54003: Automation Specialist Course, Terminal
AMA-521

This course is designed primarily for air traffic control specialists (ATCS) preparing to enter air traffic automation. It is a self-study course and consists of training in computer history, types of computers, numbering systems, flow charting, computer systems, processing, and input/output (I/O) devices. Training provided will acquaint the specialist with air traffic automation.

Field-Conducted Courses supported by AMA-500

55007: ARTS IIA Operational Equipment for Air Traffic Controllers
AMA-513

This course is designed to train air traffic control specialists (ATCS) on the keyboard operations of the automated radar terminal system (ARTS) IIA computer.

55015: DENRO, Type I ICSS
AMA-513

This course is designed for air traffic control specialists (ATCS) who operate DENRO, type I integrated communications switching system (ICSS) equipment. The course includes general theory characteristics and provides instructions for system startup, operation, and shutdown. It includes both normal and emergency operating procedures.

55016: ATCS LITTON II ICSS
AMA-513

This course is designed for air traffic control specialists (ATCS) who operate the LITTON, type II integrated communications switching system (ICSS) equipment. The course includes equipment capabilities, provides tabular instructions for system startup, operation, and shutdown.

55017: Supervisory ATCS/Staff Specialist LITTON II ICSS
AMA-513

This course is designed for supervisory air traffic control specialists (SATCS), staff specialists, and system administrators who operate and program the integrated communications switching system (ICSS) equipment. The course includes an introduction to microcomputers, equipment programming, and system startup, operations, and shutdown.

55022: Terminal Site-Specific Radar ATC
AMA-512

This course is the initial terminal radar training for site-specific radar. The course must meet the requirements listed in the national terminal instructional program guide (IPG), TP-12-0-1. Curriculum must be the current approved FAA academy radar training facility (RTF) curriculum.

55024: Terminal Controller-In-Charge (CIC)
AMA-513

This course is designed for terminal option air traffic control specialists who are assigned the collateral duty of controller-in-charge. It is delivered through a combination of self-study and on-the-job training. A qualification test will be administered under the direction of the facility manager or designee. Major subjects include facility administration, facility operations, facility system and component malfunction reporting, management of unusual situations, and operational error and deviation reporting.

55037: Airport Surveillance Radar, ASR-7
AMA-513

This course is designed to train air traffic control specialists (ATCS), facility staff, supervisory, and managerial personnel in the use and operation of the airport surveillance radar (ASR-7) system. The course consists of classroom and laboratory instruction on the ASR-7 system. This training will enable facility personnel to attain certification of the ASR-7 equipment.

55038: Airport Surveillance Radar, ASR-8
AMA-513

This course trains air traffic control specialists (ATCS), facility staff, supervisory, and managerial personnel in the use and operation of the ASR-8 system. The course consists of classroom and laboratory instruction on the ASR-8 system. The training will enable facility personnel to attain certification on the ASR-8 equipment.

55039: Precision Runway Monitor (PRM)
AMA-513

This course is designed to train air traffic control specialists (ATCS) and supervisory personnel in the use of the precision runway monitor (PRM) system. The course consists of classroom instruction and laboratory exercises to teach the characteristics, capabilities, set-up, initialization, operation, and shutdown of the PRM system. This training enables facility personnel to function within the PRM operational environment. The course is designed for 8 hours of classroom lecture and 8 hours of lab/simulation.

55040: Airport Surveillance Radar, ASR-9
AMA-513

This course is designed to train air traffic control specialists (ATCS), facility staff, supervisory, and managerial personnel in the use and operation of the ASR-9. The course consists of classroom and laboratory instruction on the

ASR-9 system and using the cadre training system. This training will enable facility personnel to attain certification on the ASR-9 equipment.

55042: Airport Surface Detection Equipment (ASDE)-3
AMA-513

This course is designed to train air traffic control specialists (ATCS), facility staff, supervisory and managerial personnel in the use and operation of the ASDE-3 system. The course consists of classroom and laboratory instruction on the new ASDE-3 system. This training will enable facility personnel to attain certification on the ASDE-3 equipment.

55044: VSCS Air Traffic Control Specialist Operations Course
AMA-511

This course is designed for air traffic controllers who operate the voice switching and control system (VSCS). It includes keyboard and display module functions, system overview, and equipment operations.

55046: VSCS Supervisory Air Traffic Control Specialist Course
AMA-511

This course will instruct supervisory air traffic controllers how to use the voice switching and control system (VSCS) supervisory workstation. It consists of keyboard functions, system overview, and supervisory position equipment.

55047: ATC Operational Supervisor's Workshop
AMA-521

This training is field conducted. It is for operational supervisors. This course will train supervisors how to accomplish their day-to-day tasks through the provisions of administrative, technical, and human relations skills. Activities included will assist supervisors in incorporating team building skills into their daily job functions. The course consists of classroom instruction, case-study exercises, and joint problem activities.

55049: Fundamentals of ATC On-the-Job Instruction (OJTI)
AMA-521

This course is designed to make on-the-job (OJT) instructors and supervisors effective in the OJT environment and help them to meet their obligations under FAA Order 3120.4. This course is mandatory for newly selected ATC OJTI's.

55051: Air Traffic Controllers Teamwork Enhancement Workshop
AMA-521

Designed primarily for en route and terminal controllers to improve individual and team performance and maximize use of personal and team resources. Delivered in an active, participative environment. Topic areas include understanding air traffic teamwork, communicating with others, being a resource, and managing conflict and stress.

55053: Assistant Controller Training Stage II
AMA-511

Purpose of this training is to provide the specific skills needed to enter on-the-job training and to prepare the individual to qualify and certify on all assistant controller positions and to obtain certification on those positions.

55054: Nonradar/Radar-Associated Controller Training Stage III
AMA-511

This course will provide students with the knowledge and skills necessary to perform nonradar/radar-associated controller duties under live traffic conditions. Students should demonstrate the ability to perform independently all duties of the position on all sectors within the assigned area of specialization and attain certification on those sectors. An optional training path is offered to allow the individual to begin radar training before certifying on all nonradar/radar-associated positions.

55055: Radar Controller Training - En Route Stage IV
AMA-511

This training qualifies individuals to perform the full range of duties to attain certification on all radar positions of operation in an area of specialization.

55056: Optional En Route Stage III Training Path – Initial
AMA-511

This training provides the knowledge and skills necessary to attain certification on the first two nonradar/radar-associate control positions, followed by the first two radar positions of operation in an area of specialization.

55057: Optional En Route Stage IV Training Path – Final
AMA-511

Qualifies the individual for certification on the remaining nonradar/radar-associated control positions and radar positions of operation in an area of specialization.

55024: Terminal Controller-In-Charge (CIC)
AMA-513

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ASR-9 system and using the cadre training system. This training will enable facility personnel to attain certification on the ASR-9 equipment.

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AMA-511

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AMA-511

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This training qualifies individuals to perform the full range of duties to attain certification on all radar positions of operation in an area of specialization.

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AMA-511

This training provides the knowledge and skills necessary to attain certification on the first two nonradar/radar-associate control positions, followed by the first two radar positions of operation in an area of specialization.

55057: Optional En Route Stage IV Training Path – Final
AMA-511

Qualifies the individual for certification on the remaining nonradar/radar-associated control positions and radar positions of operation in an area of specialization.

55058: Air Traffic Control Specialist Controller Tools
AJA-51

This is a contractor developed and administered, field conducted course to train ATCS in the operation of the controller's tool functions and controls. The course is intended for ATCS's and supervisory personnel assigned oceanic control duties. Lecture and laboratory methods are used. Laboratory exercises are performed using the ISD in a simulated environment.

55059: OSHA 29CRF 1960.20, Emergency Exit Routes in ATC Towers
AMA-530

This vendor-developed course provides training for air traffic control and airway facilities personnel on requirements for ATC towers with one means of exit. The course consists of a lesson plan including handouts, train-the-trainer workbook, employee handbook, video-based training, and end-of-lesson test.

55060: Flight Data
AMA-513

Prepares the individual for flight data position qualification and certification.

55061: Clearance Delivery
AMA-513

Prepares individual for clearance delivery position qualification and certification.

55062: Ground Control
AMA-513

Prepares the individual for ground control position qualification and certification.

55063: Local Control/Cab Coordinator Position Training
AMA-513

Prepares the individual for local control position qualification and certification and cab coordinator position qualification and certification.

55064: Facility Training - Nonradar Terminal Control
AMA-513

Prepares the individual for nonradar terminal control position qualification and certification.

55065: Facility Training - Radar Control Terminal
AMA-513

Prepares the individual for radar control position qualification and certification.

55066: Enhanced Terminal Voice Switch (ETVS) TED Course
AMA-513

This is a conventional training course designed to prepare terminal controllers to operate the touch entry device (TED) which is a component of DENRO's enhanced terminal voice switch (ETVS) air/ground and ground/ground communications.

55067: Enhanced Terminal Voice Switch (ETVS) MHK Course
AMA-513

This is a conventional training course designed to prepare terminal controllers to operate the membrane hardkey (MHK) which is a component of DENRO's enhanced terminal voice switch (ETVS). The ETVS is a communication system that provides air/ground and ground/ground communications.

55068: Enhanced Terminal Voice Switch (ETVS) SCT Course
AMA-513

This is a conventional training course designed to prepare terminal supervisors to operate the system configuration terminal (SCT) which is a component of DENRO's enhanced terminal voice switch (ETVS). The ETVS is a communication system that provides air/ground and ground/ground communications. The SCT allows the supervisor to change the configuration of the ETVS to meet the needs of the facility during specific situations.

55069: Automated Radar Terminal System IIA
AMA-513

This academy-developed course is designed to teach air traffic control specialists, supervisory, and staff personnel the functions, operations, and keyboard entries of the automated radar terminal system (ARTS IIA). Classroom instruction and laboratory exercises cover the computer subsystems, operational and support programs, display data and controls, data blocks, the controller quick reference card, and the keyboard inputs.

55070: Automated Radar Terminal System IIIA
AMA-513

This academy-developed course is designed to teach air traffic control specialists, supervisory, and staff personnel the functions, operations, and keyboard entries of the automated radar terminal system (ARTS IIIA). Classroom instruction and laboratory exercises cover the computer subsystems, operational and support programs, display data and controls, data blocks, the controller quick reference card, and the keyboard inputs.

55071: Automated Radar Terminal System IIIA
AMA-513

This academy-developed course is designed to teach air traffic control specialists, supervisory, and staff personnel the functions, operations, and keyboard entries of the automated radar terminal system (ARTS IIIA). Classroom instruction and laboratory exercises cover the computer subsystems, operational and support programs, display data and controls, data blocks, the controller quick reference card, and the keyboard inputs.

55072: Controller-In-Charge (CIC) (En Route)
AMA-530

This lesson covers topics necessary to train full-perfomance level air traffic control specialists selected for CIC in the En Route option.

55073: Controller-In-Charge (CIC) (Terminal)
AMA-530

This course covers topics necessary to train full-performance-level air traffic control specialists selected for CIC duties in the Terminal environment.

55075: RDVS IIA Touch Entry Device (TED)
AMA-530

This conventional training course is designed to prepare terminal controllers to operate the TED, which is a component of LITTON-AMECON's rapid deployment voice switch IIA (RDVS IIA). The RDVS IIA is a communication system that provides air/ground and ground/ground communications.

55077: RDVS IIA CCT Course
AMA-530

This conventional training course is designed to prepare terminal supervisors to operate the configuration control terminal (CCT) which is a component of

LITTON-AMECON's rapid deployment voice switch IIA (RDVS IIA). The RDVS IIA is a communication system that provides air/ground and ground/ground communications. The CCT allows supervisors to change the configuration of the RDVS IIA to meet the needs of the facility during specific situations.

55078: ARTS IIA Transition Training
AMA-513

This course is designed to train air traffic control specialists for the transition from automated radar terminal system IIA (ARTS IIA) to automated terminal radar terminal system IIA (ARTS IIA). The course of instruction includes classroom lecture and computer-based instruction.

55084: Tower Data Link Services (TDLS)
AMA-530

This course provides instruction in the operation of TDLS for ATCS's. The training consists of approximately 4 hours of computer-based instruction (CBI) and 2 hours on-the-job training and includes a performance check at the end of the training. The CBI covers basic system architecture and characteristics, components, and instruction on the three applications within TDLS: 1) Pre-Departure Clearances (PDC); 2) Flight Data Input/Output (FDIO); and 3) Digital Automatic Terminal Information Services (D-ATIS).

55116: Traffic Management Coordinator Facility Training
AMA-522

The course is designed primarily for traffic management system personnel who have completed course 50115 and are training for position certification at all ARTCC's, level 4 and 5 TRACONs, and the ATCSCC. It will allow for local policies and procedures to be included in the instruction. It will also provide refresher training for tm personnel to renew their knowledge of national and local rules and regulations. The course consists of classroom instruction and on-the-job training (OJT). The specialists will be able to perform, under normal supervision, the duties of the traffic management specialist for each operating position in the traffic management unit.

55401: STARS ESL/EASL for ATCS
AJA-51

This course is designed to provide air traffic controllers with the knowledge and skills necessary to operate the STARS early display configuration (EDC) and existing automation service levels. Materials from courses 57401 and 59401 are to be used by facility training specialists to tailor the course to site needs. Sufficient simulation practice shall be included to permit students to successfully complete performance evaluation.

55501: National Weather Service Tower Visibility Examination
AMA-513

This examination tests the developmental air traffic control specialist's (ATCS) knowledge of observing and reporting procedures for determining tower visibility values in accordance with the federal meteorological handbook.

55502: Terminal BRITE Radar Qualification Examination
AMA-513

This examination tests the developmental air traffic control specialist's (ATCS) ability to define terms associated with primary and secondary radar; knowledge of the basic components of BRITE controls; and the functional use of tower radar displays.

55503: Terminal Radar Qualification Examination
AMA-513

This examination tests the developmental air traffic control specialist's (ATCS) ability to define terms associated with primary and secondary radar, knowledge of basic radar procedures, and knowledge of radar separation procedures.

55504: En Route Radar Qualification Examination (CPT)
AMA-511

This examination tests the developmental air traffic control specialist's (ATCS) ability to define terms associated with primary and secondary radar, knowledge of the basic radar procedures, and knowledge of radar separation procedures.

55505: EFAS Recertification Examination
AMA-510

This examination is the written portion of the en route flight advisory service (EFAS) recertification. Final certification requires a performance evaluation certified by the specialist's facility manager.

55508: Control Tower Operator Examination
AMA-513

The CTO is the control tower operator's certificate to operate in a control tower. The certification examination is directed by FAR, Part 65 (Certification of Airmen), Subpart B - Air Traffic Control Tower Operators.

55510: Terminal DBRITE Certification Examination
AMA-513

Tests the developmental ATCS ability to define terms associated with primary and secondary radar; knowledge of the basic components of the digital bright radar indicator tower equipment (DBRITE) controls; and the functional use of tower radar displays.

55512: Weather Analysis Certification Exam
AMA-510

This examination is the written portion of the weather analysis training. In addition, final pilot weather briefing certification requires successful completion of an oral performance exam administered by the national weather service.

56001: Airspace Management (Air Force)
AMA-500

This course provides training on the national airspace system (NAS), categories of airspace, military training route program, airspace and air traffic control criteria, airspace charting and lead time, environmental aspects, and exercise airspace requirements.

58006: Terminal Doppler Weather Radar (TDWR)
AMA-513

This course is designed to train air traffic control specialists (ATCS) and supervisory personnel in the use and operation of the terminal doppler weather radar (TDWR) system. The course consists of classroom and laboratory instruction on the TDWR system. This training will enable facility personnel to attain certification on the TDWR equipment.

58007: Telecommunications Processor Air Traffic Control Specialist
AJA-51

The course is designed for air traffic control specialists. The training includes classroom lecture and computer simulation in a lab setting. The course objective is to train specialists how to operate telecommunications processor sector workstations. The course includes system overview, monitor adjustments, work station keyboard including message composition, and historical message search and scroll features. Special information: stand-alone training simulator will be available at Oakland and New York ARTCC. Training conducted by HUGHES AIRCRAFT.

58008: ODL Air Traffic Control Specialist
AJA-51

This course is designed for air traffic control specialists who will use oceanic data link (ODL) for air traffic communications. The course consists of classroom lecture, training simulator laboratory, and examinations. Subject areas include system overview, followed by ODL air traffic control operations that cover the various ODL sector workstation display windows and message composition.

58009: Interim Situation Display for ATCS
AJA-51

This is a contractor developed and administered, field-conducted course to train air traffic control specialists in the operation of the interim situation display (ISD). It includes the functions and use of icons, windows, switches, controls, and indicators on the ISD. The course is intended for ATCS's and supervisory personnel assigned to oceanic control duties. Lecture and laboratory methods are used. Laboratory exercises are performed using the ISD in a simulated environment.

59401: STARS ESL/EASL Air Traffic Operator's Training
AJA-51

This vendor-developed traditional lecture/laboratory course is designed to provide air traffic control specialists the knowledge and skills necessary to transition to STARS. It includes a system overview, emergency service level, and existing automation service-level function set training. It is presented in 6 lessons and 4 laboratories.

59402: STARS FSL Air Traffic Operator's Training
AJA-51

This vendor-developed traditional lecture/laboratory course is designed to provide air traffic control specialists the knowledge and skills necessary to transition to STARS full-service level. It includes a system overview, FSL function set and supervisory functions training. It is presented in 15 lessons and 14 laboratories.

59403: STARS AT COACH Operator's Training
AJA-51

This vendor-developed traditional lecture/laboratory course is designed to provide air traffic control specialists the knowledge and skills necessary to load, run, and operate the AT COACH simulator. It includes an AT COACH system overview, pseudo-pilot function, set at coach setup, and at coach support functions training. Scenario build and maintenance tasks are emphasized. It is presented in 4 lessons and 3 laboratories.

Computer-Based Instruction (CBI) supported by AMA-500

01001: (CBI) Emergency Readiness for the 21st Century
AMA-530

This course is designed to help FAA employees to understand the role of the FAA, its managers, and employees during a local or national crisis. The course presents information on the FAA's emergency readiness program and on preparing for and responding to natural disasters, technological emergencies, and security threats. The course is comprised of 2 hours mandatory and 4 hours supplemental training material. The course may be substituted for course 14039, Emergency Readiness for the 21st Century (correspondence course).

57000: (CBI) Facility Technical Liaison Officer (FTLO)
AMA-530

This course is designed for anyone with responsibility for administering the air traffic instructional services (ATIS) contract. It consists of 13 lessons and a comprehensive test of the contents of the ATIS contract. A copy of the ATIS contract is required in order to complete the lessons. The course contains background information and contents of the contract, explicit directions for managing the contract, direction for completing the various forms and documents required, evaluations required under the terms of the contract, and legal and ethical regulations and directives that pertain to contract administration.

57001: (CBI) Op Sup-Accidents and Other Unusual Situations
AMA-530

This course trains air traffic supervisors in the required procedures when accidents, incidents, or other unusual events take place. Each module uses scenarios to provide details about the steps that must be completed within the first few hours of the event.

57002: (CBI) NOTAMs
AMA-530

After completing this lesson, student will be able to identify and list the types of NOTAMs and, through simulation exercises, demonstrate how to classify, prepare, read, and transmit NOTAMs.

57003: (CBI) In-Flight Icing
AMA-530

This training covers five main topics: categories and intensities of icing; cause of icing; pilot needs and wants; controller actions; and reporting.

57004: (CBI) Military Operations: Aerial Refueling
AMA-530

This military operations training is comprised of five modules: aerial refueling; altitude reservations; formation flights; special-use airspace; and special operations. The objective of this course is to increase the knowledge and awareness of procedures, rules, and terms associated with military operations.

57005: (CBI) ASOS
AMA-530

This is a CBI course designed to identify the components of the automated surface observing system (ASOS) and its function. It also prepares the students to edit and augment the automated weather report generated by ASOS prior to transmission. This course is the equivalent of conventional course 50318.

57006; (CBI) ATC Communications
AMA-530

This course contains a series of exercises that allow the air traffic controller to practice listening, memory, read-back, phraseology, and error recognition skills.

57007: (CBI) Terminal Radar Speed Adjustment
AMA-530

This training will acquaint the student with when, where, and how to apply speed adjustments and how to terminate speed adjustments.

57009: (CBI) METAR/TAF (Advanced)
AMA-530

This course is designed for controllers who either take limited aviation weather reports (LAWRS) or have pilot weather briefer responsibilities. It covers how to encode and interpret the international format for METAR and interpret TAF. The course contains all the information from the METAR (basic) course as well as METAR/TAF (advanced). Students taking the advanced course should not take the basic course as a prerequisite.

57012: (CBI) Hijacked Aircraft
AMA-530

This computer-based instruction (CBI) lesson is designed for terminal and en route air traffic controllers. The course describes the procedures for handling hijacked aircraft.

57013: (CBI) Aircraft Bomb Threats
AMA-530

This lesson is designed for terminal and en route air traffic controllers. The training describes the emergency procedures for handling in-flight, on-the-ground, and hijacking bomb threats.

57014: (CBI) RTF Radar Vectoring
AMA-530

This lesson is designed for developmental and full-performance-level air traffic controllers at terminal radar facilities to increase their knowledge of the procedures, techniques, and phraseology utilized in radar vectoring.

57015: (CBI) Military Operations - Altitude Reservations
AMA-530

This computer-based instruction lesson is designed for use by terminal and en route air traffic controllers to increase their knowledge of the terms separation requirements and flight data processing associated with altitude reservations (ALTRV's).

57016: (CBI) Instructional Testing
AMA-530

This computer-based instruction (CBI) lesson is designed to teach training personnel how to write performance-based objectives, good test questions, and distracters. Training personnel can also use this lesson to create site-specific computer-based tests. No additional software is required to compile, run, or administer tests created with this lesson. Tests created with this program can be saved or archived for later use.

57017: (CBI) Military Operations: Special Use Airspace
AMA-530

This CBI lesson provides the student with general definitions and explanations of various types of special use airspace; responsibilities and requirements for

both controller and user; separation standards, and altimeter adjustment procedures.

57018: (CBI) RTF: Primary and Secondary Radar
AMA-530

This CBI lesson provides basic background information on the operation of primary and secondary radar systems. Items covered include basic radar principles, primary and secondary radar systems and targets, and radar phenomena (jamming, anomalous propagation, and interference). This lesson is targeted to those individuals with a limited knowledge of radar operation.

57019: (CBI) RTF: Radar Separation
AMA-530

This CBI lesson provides a review of the criteria and principles involved in the separation of aircraft using both primary and secondary radar targets. Items covered include basic separation minima, separation of aircraft in formation flight, separation from adjacent sectors and airspace, separation from obstructions, and separation of departing aircraft. This lesson presumes FPL-level knowledge.

57020: (CBI) Altitude Assignment
AMA-530

This CBI lesson provides a review of basic altitude assignment procedures and criteria in both the terminal and en route environments. Items covered are altitude assignment information, direction of flight criteria, procedures for altitude above FL290, cruise clearances, and a review of various altitude minima. This lesson presumes FPL-level knowledge.

57021: (CBI) RTF: Radar Identification
AMA-530

This CBI lesson provides the FPL controller with a review of basic radar identification practices and procedures. Items covered are radar identification terminology and methods, identification status, position information, and questionable identifications. This lesson presumes FPL-level knowledge.

57022: (CBI) Military Operations: Military Training Routes
AMA-530

This computer-based instruction (CBI) lesson provides the student with an introduction to basic route components and IFR, VFR, and slow route procedures and phraseologies.

57023: (CBI) DARC
AMA-530

This CBI course covers the transition to and from the DARC backup system for en route controllers. It contains four modules covering how DARC fits into NAS, the procedures to be followed at the start of a shift to ensure a smooth transition to DARC if necessary, the transition from host to DARC/host, system limitations in the DARC/host mode, transition from host to DARC/only, and transition from a DARC mode back to host operation. The user may also elect to view an optional 25-minute video.

57024: (CBI) Low-Level Wind Shear/Microburst Alerts
AMA-530

This CBI lesson provides the controller with a review of procedures for receiving and disseminating low-level wind shear and microburst information. Items covered are characteristics of wind shear and microbursts and the effects of wind shear and microbursts on aircraft. Methods for receiving windshear and microburst alerts, procedures for disseminating alerts, and inter/intra-facility coordination. The lesson assumes FPL knowledge.

57025: (CBI) Taxi Into Position and Hold
AMA-530

This is a refresher course that covers the procedures and phraseology used to issue a taxi into position and hold clearance. The primary audience is air traffic control specialists in the terminal option.

57030: (CBI) Wake Turbulence
AMA-530

This course addresses the procedures to be followed to keep aircraft clear of the turbulent wake of other aircraft. Topics include causes, behavior, and consequences of wake turbulence; the separation rules and control procedures for arriving aircraft; and departing aircraft.

57032: (CBI) Emergencies
AMA-530

This CBI lesson provides refresher training for FPL controllers on criteria for determining when an emergency exists and the course of action to follow in selected situations.

57033: (CBI) WSR-88D Radar Image Interpretation
AMA-530

This is a computer-based course designed for air traffic control specialists who require basic weather radar knowledge and use WSR-88D products in their daily work assignments. This training will prepare the student for the national weather service (NWS), weather radar certification exam and enable them to effectively utilize WSR-88D products. It contains instructions for each of the products, then provides practical exercises that utilize the products in realistic situations.

57034: (CBI) Aircraft Performance and Characteristics
AMA-530

This reference tool provides air traffic control specialists with two useful resources: (1) an on-line visual database of aircraft performance information, including photographs and selected silhouettes for over 250 aircraft and (2) a set of four tutorials which provide fundamental information related to aircraft performance. The four tutorials cover FAA classification of aircraft, reporting how aircraft speed effects air traffic control, and the effects of air density on aircraft performance.

57035: (CBI) Familiarization Training
AMA-530

This lesson is an introduction and overview of the familiarization travel program. This lesson will discuss basic criteria for travel based on the February 1997 changes to FAA Order 3120.29. Items included are frequency of travel, dress code, flight deck procedures, and trip reports. This lesson will also present video sequences from an actual familiarization trip.

57036: (CBI) VTABS Master Instructor/Supervisor System Overview
AMA-511

This training is for ATCS personnel responsible for master instructor/supervisor interactions on the VSCS training and backup system (VTABS). The course is 100% CBI. Subjects include system introduction, system overview, VTABS workstations, cut-over switch subsystem, system monitor, and control subsystem. The VTABS, VSOM, and MIDS manuals are required for the course.

57037: (CBI) VTABS Database Management
AMA-511

This training is for ATCS personnel responsible for VSCS training and backup system (VTABS) database management. The course is 100% computer-based

instruction (CBI). Subjects include system introduction, system overview, VTABS workstations, database management, and system monitor and control subsystem. A CBI terminal is required. Also required are the VTABS, VSOM, and MIDS manuals.

57038: (CBI) DSR/Air Traffic Control Specialist Course
AMA-530

This vendor-developed CBI course provides computer human interface training to enable air traffic control personnel to transition from the M1/PVD console to the DSR console controller functions set. It includes system overview, keyboard, and display functions in 5 radar associate and 13 radar control modules.

57039: (CBI) DSR/Supervisory and Traffic Management Specialist
AMA-530

This vendor-developed CBI course provides computer human interface training to prepare supervisory and traffic management air traffic personnel to transition to the DSR console supervisory and traffic management functions set. The course consists of two CBI modules emphasizing the supervisory and traffic management functions.

57040: (CBI) DSR/Ghost-Pilot Operations
AMA-530

This vendor developed CBI course provides computer human interface training to enable air traffic personnel to perform the DSR ghost-pilot function set. The course consists of one CBI module emphasizing the ghost-pilot functions. Course 57038, DSR/Air Traffic Control Specialist is a prerequisite.

57041: (CBI) Special VFR
AMA-530

This lesson deals with the specific weather conditions and other circumstances that must exist before special VFR can be authorized. The controller will then practice proper phraseology to issue special VFR clearances.

57042: (CBI) Oceanic Data Link Air Traffic Operator's Training
AMA-530

This vendor-developed computer-based instruction course is designed to provide oceanic air traffic control specialists with the knowledge and skills necessary to operate the oceanic data link in a multi-sector environment. It includes a system overview, introduction, operational computer human

interface, controller inputs and display output. Practice CHI sessions are conducted on the ODL simulator and an end-of-course examination is administered.

57043: (CBI) Traffic Situation Display
AMA-530

This course introduces the benefits of traffic situation display (TSD) and provides transition training for experienced traffic management specialists so they will be able to use the new interface. TSD is the new interface to the enhanced traffic management system (ETMS).

57045: (CBI) Creating Quality CBT
AJA-51

This course will answer basic questions on planning, course design, content design, interactivity, scripts and story boards, and production. It includes useful tips and best practices presentations that show how professionals address typical problems faced by all CBT developers.

57046: (CBI) AIDCS Controller Training
AJA-51

This vendor developed, computer-based course provides an overview of the air traffic services interfacility data communications system (AIDCS) for both the controller and supervisor/staff at oceanic centers. The course includes a description of the system hardware, functional description, purpose of the AIDCS, and provides instruction on the use of supervisor features, such as messages, menu's, and monitor adjustments.

57047: (CBI) Digital Bright Radar Indicator Equipment (DBRITE)
AMA-530

This lesson is an introduction and overview of the digital bright radar indicator equipment (DBRITE). This lesson was designed to prepare the student for the DBRITE OJT. This is not a tutorial of the entire DBRITE system and its related functions.

57048: (CBI) LMR for Leaders
AMA-530

This course consists of 20 CBI modules (MGT01-MGT20) focused on providing air traffic first-level/operational supervisors with the necessary leadership and knowledge skills to be successful in the current and future LMR air traffic environment. The material is easily segmented into very focused subject areas

dealing with a myriad of subjects that constitute the very complex arena of LMR. Additionally, the series contains a very comprehensive and complete electronic research database that can be used for future research of applicable issues.

57049: (CBI) En Route Speed Adjustment
AMA-530

This lesson covers procedures, methods, and minima for applying speed adjustment. Associated phraseology is also included in the lesson. The lesson is appropriate for both FPL and developmental air traffic controllers. FPL controllers can go directly to the exercises for refresher training and bypass the tutorial portion of the lesson. Information in this lesson is also covered in course 55055 Radar Controller Training, lesson E-11-11 Speed Adjustment.

57050: (CBI) En Route: Radar Vectoring
AMA-530

This lesson covers the reasons for issuing vectors, appropriate vectoring methods with associated phraseology, and the purpose of an MIA chart. This lesson is appropriate for both FPL and developmental air traffic controllers. FPL controllers can go directly to the exercises for refresher training and bypass the tutorial portion of the lesson. Information in this lesson is also covered in course 55055, Radar Controller Training, lesson E-11-9 Radar Vectoring.

57051: (CBI) Radar Services to VFR Aircraft
AMA-530

This lesson covers the basic types of radar services provided to VFR aircraft. Students will review the criteria for applying these services. Students will be provided with an option-specific scenario to further enhance their understanding of the services and some techniques for providing them.

57052: (CBI) Situational Awareness - En Route and TRACON
AMA-530

This course consists of four lessons: how decisions are made - this lesson allows controllers to think about where specific ATC actions (e.g., Issuing a clearance, scanning, updating a data block, traffic advisories) fit into a decision-making model; scanning - this lesson covers scanning techniques and pitfalls that must be avoided; mental models - this lesson includes a brief introduction relating the phrase 'getting the big picture' to the cognitive process of developing a mental model of the situation; projection - this lesson includes a brief introduction to the concept of 'projecting' and identifies the potential pitfalls that must be avoided.

57053: (CBI) ATC OER Communications - En Route and TRACON
AMA-530

The ATC operational error reduction (OER) communications course describes an ATC communication model that emphasizes the need for standard phraseology and for active listening. This model serves as the basis for the analysis of several operational error case studies. Upon completion of the course, controllers will recognize the importance of proper phraseology and active listening in air traffic control.

57054: (CBI) Reducing Operational Errors - En Route and TRACON
AMA-530

This CBI course consists of 5 modules (introduction, situational awareness, ATC communications, using all your resources, and breaking error chains). These modules can be used as stand alone courses. This course is designed to emphasize ATC en route and terminal approach control (TRACON) operational error reduction strategies. Through interactive instruction and exercises, controllers will learn about situational awareness, ATC communications, resources, and breaking error chains.

57055: (CBI) Flight Progress Strip Distribution
AMA-530

This lesson covers center sectors including fix postings. It outlines the procedures used to distribute flight progress strips to the appropriate sectors. The information in this lesson is also covered in course 55053, Assistant Controller Training, lesson E-5-5, Flight Progress Strip Distribution.

57056: (CBI) Jet Route Structure
AMA-530

This lesson covers the jet route structure and includes navaids, intersections/DME fixes, and mileages. Information in this lesson is also covered in course 55053, Assistant Controller Training, lesson E-5-1, Jet Route Structure.

57057: (CBI) Controller-In-Charge (CIC) (En Route)
AMA-530

This lesson covers topics necessary to train full-performance-level air traffic control specialists selected for CIC duties in the En Route environment.

57058: (CBI) Non-Radar Separation
AMA-530

This course consists of four modules that detail separation rules to be applied in a non-radar environment. The four modules are vertical separation, lateral separation, longitudinal separation, and initial separation. The initial separation module covers rules for the initial separation of successive departures and for separation of arriving and departing aircraft.

57059: (CBI) Transfer of Control
AMA-530

This lesson provides the FPL controller with a review of the terminology and procedures for coordinating use of airspace and transferring control of airspace. Items covered are when to coordinate, method for coordinating, who to coordinate with, when to transfer control, and when to assume control. The lesson presumes FPL knowledge.

57060: (CBI) Controller-In-Charge (CIC) (Terminal)
AMA-530

This lesson covers topics necessary to train full-performance-level air traffic control specialists selected for CIC duties in the terminal environment.

57061: (CBI) Preventing Runway Incursions
AMA-530

This course is designed to emphasize ATC strategies for preventing runway incursions. Through interactive instruction and exercises, controllers will learn about maintaining tower situational awareness, communications, resources, and error chains.

57062: (CBI) Situational Awareness – Tower
AMA-530

This module will consist of one lesson which will outline the critical elements of a visual and auditory scan of the controller's control area. The lesson will describe how an effective scan can help identify potential static and dynamic "hot spots" in airport operations. The lesson will also demonstrate controller methods for appropriately prioritizing actions based on the information obtained in and effective scan.

57063: (CBI) Reducing Runway Incursions-Tower Communications
AMA-530

This lesson emphasizes the need for standard phraseology and active listening from both the pilot and controllers perspective. Audio, graphics and photographs will be used to emphasize that large percentage of runway incursions are a result of readback/hearback errors. A communication model is presented that serves as a basis for reducing runway incursions. This model is used to analyze several runway incursions.

57064: (CBI) Controller In Charge (FSS)
AMA-530

This lesson covers topics necessary to train flight service station specialists selected for controller-in-charge duties.

57065: (CBI) Air Traffic Y2K Contingency Training
AMA-530

This CBI course is a compilation of air traffic contingency training. The course has been divided into En Route, Terminal, and Flight Service options. The course consists of the following lessons: FAA Emergency Responsibilities, Security Threats, Hijacked Aircraft Procedures, Aircraft Bomb Threats, Emergency Situations, Oceanic Emergency Procedures, Non-Radar Separation, and Transition to DARC.

57066: (CBI) Enhanced Terminal Voice Switch (ETVS) TED Course
AMA-530

This course is designed to prepare terminal controllers to operate the touch entry device (TED) which is a component of DENRO's ETVS. The ETVS is a communication system that provides air/ground and ground/ground communications.

57067: (CBI) Enhanced Terminal Voice Switch (ETVS) MHK Course
AMA-530

This course is designed to prepare terminal controllers to operate the membrane hardkey (MHK) which is a component of DENRO's ETVS. The ETVS is a communication system that provides air/ground and ground/ground communication.

57068: (CBI) Enhanced Terminal Voice Switch (ETVS) SCT Course
AMA-530

This course is designed to prepare terminal supervisors to operate the system configuration terminal (SCT) which is a component of DENRO's ETVS. The ETVS is a communication system that provides air/ground and ground/ground communications. The SCT allows the supervisor to change the configuration of the ETVS to meet the needs of the facility during specific situations.

57069: (CBI) Safety Alerts and Traffic Advisories
AMA-530

This lesson provides students with a review of the procedures and phraseology used in the issuance of safety alerts and traffic advisories, and for dealing with merging targets. Students will review duty priorities as well as types of alerts and advisories.

57070: (CBI) Arrival and Approach Procedures
AMA-530

This lesson covers basic types of approaches, arrival information, procedures for navigation to final, and procedures for issuing approach clearances.

57071: (CBI) DSR Computer Operational Equipment (Stage 2)
AMA-530

This course explains the relationship between HOST and DSR equipment. It introduces the interface equipment included in the position consoles, explains the A-position time, alarm, CRD views, and how to operate the flight strip printer. There are practice exercises to familiarize you with the equipment and an end-of-lesson test. This lesson is equivalent to Course 55053, Assistant Controller Training, Lesson E-5-6, Computer Operational Equipment.

57072: (CBI) Military Operations: Formation Flights
AMA-530

The focus of this lesson is a thorough review of standard and non-standard formations as they relate to separation, special use frequencies, and break-ups. Information is provided on standard formation flights, non-standard formation flights, air combat command cell formation flights, special use frequencies, formation flight break-ups, and proper separation standards for all types of formations.

57073: (CBI) Military Operations: Special Operations
AMA-530

This CBI lesson focuses on terms and defines the goals and purposes of specific missions and flights, user requirements, controller responsibilities, and separation requirements as they relate to special operations within the military.

57074: (CBI) ARTS IIIA
AMA-530

This lesson provides students training in the purpose, features, and functions of the ARTS IIIA equipment. Specific training is provided in data entry devices, data blocks, display lists, ARTS data input, and error messages.

57075: (CBI) RDVS IIA TED Course
AMA-530

This computer-based instruction (CBI) course is designed to prepare terminal controllers to operate the touch entry device (TED) which is a component of LITTON-AMECON's rapid deployment voice switch IIA (RDVS IIA). The RDVS IIA is a communication system that provides air/ground and ground/ground communications.

57076: (CBI) RDVS IIA System Administrator Training
AMA-530

This computer-based instruction (CBI) course is designed to prepare terminal supervisors to edit system configuration by operating the configuration control terminal (CCT) which is a component of LITTON-AMECON's rapid deployment terminal voice switch IIA (RDVS IIA). The RDVS IIA is a communication system that provides air/ground and ground/ground communications.

57077: (CBI) RDVS IIA Supervisor Course
AMA-530

This computer-based instruction (CBI) course is designed to prepare terminal supervisors to operate the configuration control terminal (CCT) which is a component of LITTON-AMECON's rapid deployment voice switch IIA (RDVS IIA). The RDVS IIA is a communication system that provides air/ground and ground/ground communications. The CCT allows the supervisor to change the configuration of the RDVS IIA to meet the needs of the facility during specific situations.

57078: (CBI) ARTS IIA
AMA-530

This course is part of a transition training package for controllers changing from ARTS IIA to ARTS IIA. It takes approximately 4 hours to complete. The course utilizes an ARTS IIA keyboard connected to the CBI platform. This gives the controller the opportunity to become familiar with the new keyboard layout and gives the controller practice making the new entries. The training covers the ARTS IIA keyboard similarities, differences, and unique features; data display areas; data blocks; and common ARTS IIA entries. An evaluation scenario must be completed with a score of 95% to receive credit for the course.

57079: (CBI) Composing HOST and DSR Messages (Stage 2)
AMA-530

This course describes message entry eligibility, three categories of messages, composition of FP, SP, SP, RS, DM, HM, FR, and AM messages. Composition of information request (AR, WR, SR, and FR) and miscellaneous messages (GI and SISO) are also covered. Emphasis is placed on making the information requires entries, amending flight plans, and using the route readout message. This lesson is equivalent to Course 55053, Assistant Controller Training, Lesson E-5-8, Computer Message Composition and Entry.

57080: (CBI) DSR Computer Field Format (Stage 2)
AMA-530

This course explains the purpose of computer messages and each message component. Format letter coding and fields 01-11 are explained. There are practice exercises to familiarize you with the equipment and an end-of-lesson test. This lesson is equivalent to Course 55053, Assistant Controller Training, Lesson E-5-7, Computer Field Format.

57081: (CBI) OJTI Refresher Training
AMA-530

This lesson serves as refresher training for OJT Instructors who have completed Course 55049, Fundamentals of ATC On-the-Job Training Instruction. However, supervisors or other training team members may benefit from this course.

57088: (CBI) STARS ATcoach Exercise Setup and Pilot Training
AJA-51

This CBI course provides the student with the knowledge and skills necessary to configure an ATcoach exercise for training. Pseudo-pilot commands are taught to enable the student to respond to and input controller-issued clearances or instructions. All inputs necessary to configure a STARS terminal

controller workstation (TCW), tower display workstation (TDW), and general purpose workstation (GPW) are taught. The functionality of running a pseudo-pilot position on all platforms is taught. The course includes 6 CBI moduels.

57100: (CBI) ATCS VSCS
AMA-530

This course provides a detailed overview of the Voice Switching and Control System (VSCS) from and ATCS perspective. Special emphasis is placed on the characteristics, positions, and subsystems involved in ground-to-ground and air-to-ground communications. This lesson includes questions and practice exercises that allow the ATCS to learn how to operate the VSCS system. This lesson is equivalent to Course 55053, Assistant Controller Training, lesson E-5-3 and E-5-4.

57101: (CBI) SATCS VSCS
AMA-530

This course describes all the functional and operational characteristics of the VSCS supervisory workstation necessary for the Operation Supervisor to perform their duties. This lesson includes questions and practice exercises that allow the SATCS to learn how to operate and configure the VSCS system.

57102: (CBI) DARC (EBUS)
AJA-51

This course covers the functionality of the DARC backup system for en route controllers. It contains three modules covering transitioning to the backup system, working in the backup system, and transitioning back to the primary system. The course has incorporated the enhanced back-up surveillance (EBUS) functionality of the micro-eARTS backup system. Content includes capabilities of the backup system, differences in the DARC/HOST and DARC only modes, and procedures for transitioning to and from the backup system. A knowledge check module is presented at the end of the lesson and is required to show completion of course.

57110: (CBI) GPS Air traffic Satellite Navigation
AJA-51

This course gives an overview of how the GPS system operates. It covers receiver types and equipment suffixes associated with GPS, RAIM, GPS anomalies, and GPS NOTAMS. It also explains GPS users in aviation and how navigation is affected by GPS. The course gives in-depth information about GPS approaches. The basic 'T' and terminal arrival areas are introduced and the changes on the GPS approach plates are explained. The course explains

RAIM forecasting. Retrieving and interpreting both 24-hour and 3-hour is covered, as well as special messages displayed on the MI console.

57147: (CBI) Interpersonal Skills (Air Traffic)
AMA-530

This lesson presents techniques to enhance interpersonal skills. The techniques include: active listening; feedback; assertion; consistent interactions; and conflict resolution. Supervisors will observe real-world scenarios and identify effective and ineffective interpersonal skills. Formerly course MGT13 and 12713.

57202: (CBI) Weather Graphics Interpretation
AMA-530

This CBI course is designed to prepare flight service specialists, ARTCC supervisors and traffic management unit specialists to correctly interpret graphical weather data obtained from the operational and supportability implementation system (OASIS) and the weather and radar processor (WARP). This includes graphical presentations of observed weather such as surface analysis, weather depiction, radar summary, constant pressure analysis, composite moisture and stability, and winds aloft and forecast information such as weather prognostic and severe weather outlook.

57203: (CBI) Weather Satellite Data Interpretation
AMA-530

This CBI course is a computer-based replacement for conventional training course 55203 of the same name. It is designed to prepare flight service specialists to correctly interpret satellite data information both visible and infrared obtained from the operational and supportability implementation system (OASIS) and the weather and radar processor (WARP).

57248: (CBI) OASIS Computer-Based Specialist Training
AMA-530

This CBI course is an integral part of a computer-based/conventional training program designed to prepare flight service specialists to operate the operational and supportability implementation system (OASIS) through interaction with the weather information and navigational graphics system (WINGS) and weather information network display (WIND) application software. These two software programs are the specialist's interface to flight planning and weather information.

57301: (CBI) Severe Weather
AMA-530

This training includes the following topics: information collection and dissemination; thunderstorms; thunderstorm life cycles; and hazardous phenomena and their effects. The objective of this training is to aid the facility training administrators in delivering information on weather to developmental and full-performance-level controllers.

57400: (CBI) STARS (TDW) FSL/ESL Air Traffic Training
AJA-51

This course is designed to provide certified professional controllers (CPC's) with the knowledge and skills required to operate in Full and Emergency Service Levels (FSL/ESL) in air traffic control towers. The air traffic control function set is present as used on a tower display workstation. It is presented in 26 modules.

57401: (CBI) STARS ESL/EASL AT Operator's Training
AJA-51

This vendor-developed computer-based instruction course is designed to provide air traffic control specialists the knowledge and skills necessary to operate STARS while operating an emergency or existing automation service level (ESL/EASL). It includes a system overview and ESL/EASL air traffic control function set training. It is presented in 11 modules.

57402: (CBI) STARS FSL AT Operator's Training
AJA-51

This vendor-developed computer-based instruction course is designed to provide air traffic control specialists the knowledge and skills necessary to operate STARS while operating in a full-service level (FSL). It includes a system overview and FSL air traffic control function set training. It is presented in 16 modules.

57511: (CBI) Limited Aviation Weather Reporting Stations
AMA-530

This course is designed to prepare the student to take the national weather service LAWRS certification examination. Students receive an introduction to the MF10-1C form and in-depth instruction on the seven elements reported by LAWRS reporting stations. Upon completion of the instruction, the students will take the national weather service exam which requires a passing score of 80%. Students who fail to achieve a passing score may retake the test, after 14 days have passed.

Vendor Developed/Conducted Courses supported by AMA-500

59034: STARS ATCOACH Scenario Build
AJA-51

This vendor developed traditional lecture and laboratory course is designed to provide air traffic control specialists the knowledge and skills necessary to load, run, and operate the ATCOACH simulator. It includes and ATCOACH system overview. The load function is called ATSETUP and the support function is called ATSUPPORT. The primary purpose of the course is to teach select air traffic personnel the scenario build functions.

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Resident International Courses supported by AMA-500

50004: Air Traffic Facility Administration and Management for IA's
AMA-800

This course is designed for international students who are selected by their governments and sponsored by: (1) office of international aviation affairs; (2) agency for international development; (3) international civil aviation organization; or (4) the FAA by direct negotiation. Students should be in an air traffic control general staff or line position. The course consists of classroom, workshop, and problem-solving or case-study exercises. Subject areas include orientation and introduction, an overview of management fundamentals, and the air traffic service organization.

50035: Area Radar Control Training – International
AMA-800

Course is designed for the air traffic controller preparing to enter training in a radar area control center. Radar training subjects include ICAO procedures, principles of radar, radar tracking systems, radar separation, speed control, radar vectoring, radar flight information, and emergencies. Simulation exercises will be interspersed throughout the academic lessons to provide a gradual introduction to radar operations. Laboratory exercises will provide practice in a simulated ATC environment and will share techniques used in FAA facilities. Subject matter may be modified to meet unique customer needs by special agreement.

50036: Radar Approach Control Training – International
AMA-800

Course is designed for the air traffic controller preparing to enter training in a radar approach control facility. Radar training subjects include ICAO procedures, principles of radar, radar tracking systems, radar separation, speed control, radar vectoring, radar flight information, and emergencies. Simulation exercises will be interspersed throughout the academic lessons to provide a gradual introduction to radar operations. Laboratory exercises will provide practice in a simulated ATC environment and will share techniques used in FAA facilities. Subject matter may be modified to meet unique customer needs by special agreement.

50037: Aerodrome Control Training – International
AMA-800

This course is designed for international participants preparing to enter training in an aerodrome control tower. Training includes aerodrome layout and equipment, flight data, clearance delivery, ground control, and aerodrome control duties and responsibilities. Laboratory exercises provide practice in a simulated ATC environment using ICAO standards. Subject matter may be modified to meet unique customer needs by special agreement.

50038: Basic Air Traffic Control Training – International
AMA-800

Designed for international participants with no prior air traffic experience who are preparing to enter on-the-job training at ATC facilities. Training includes fundamentals of weather, aerodynamics, ICAO documents, ATC clearances, ATC equipment, and conventional control. Laboratory exercises provide practice in a simulated ATC environment using ICAO standards. Subject matter may be modified to meet unique customer needs by special agreement.

50039: Customized Air Traffic Training – International
AMA-800

Designed for international participants for initial qualification as an air traffic controller or preparing to enter a new phase of training in an air traffic control facility. Instruction will cover subject matter agreed to between the FAA academy and the sponsoring civil aviation authority. Tailored classes of differing lengths can be presented for all phases of ATC qualification training and refresher training. Duration and cost will vary depending on the subject matter to be covered, the amount of customization required, and any in-country assessments performed.