

12020 Compliance and Enforcement Procedures

Training Manager: AMA-240 Course Length: 72 hour(s)

The objective of this course is to train those personnel with direct enforcement duties in the policies, regulations, documentation, and procedures required to satisfy the agency's compliance and enforcement responsibilities.

Prerequisites: 20702, 21055, 21056, 21607
And one of the following: 21603, 21601

12028 Automated Airman Certification and Rating Application (ACRA)

Training Manager: AFS-260 Course Length: 24 hour(s)

Students will learn how to use the ACRA to accomplish electronic data transfer of airman applications combined with electronic signature functionality ensuring timely issuance of permanent airman certificates. This training provides students information that will ensure applicants meet all regulatory and policy requirements prior to the issuance of the certificate; provide feedback to district, regional, and HQ offices on activities of inspectors, CFTs, and DPEs; provide electronic monitoring of the airman certification process; track pass/fail rates; and track and monitor training of the DPE to enable efficient surveillance by inspectors and district offices.

Prerequisites: None
And one of the following: None

12032 FSIS for Aviation Safety Assistants

Training Manager: AMA-230 Course Length: 24 hour(s)

This course is for flight standards aviation support personnel, including automation specialist. It consists of classroom and computer laboratory exercises. Subject areas include: accessing the Flight Standards Information System (FSIS) in the performance of job tasks with emphasis on OASIS 3.X (document manager, PTRS, VIS, and ad hoc reports).

Prerequisites: None
And one of the following: None

12062 Crew Resource Management (CRM) (Initial)

Training Manager: AMA-230 Course Length: 16 hour(s)

This course is designed to ensure better communications between crew members and focus on developing crew member team skills; concentrate on crew members attitudes and behavior and their impact on safety; provide opportunities for crew members to practice the skills necessary to be effective team leaders and members, and to ensure CRM becomes an inseparable part of the organization's culture. This course is developed around crew resource management guidelines presented in FAA advisory circular 120-51.

Prerequisites: None
And one of the following: None

12063 Crew Resource Management (CRM) (Recurrent)

Training Manager: AMA-230 Course Length: 16 hour(s)

This course provides participants with advanced instruction in CRM and reinforcement in decisionmaking, effective communications, situational awareness, and interpersonal skills in accordance with the standards outlined in Advisory Circular 120-51, Crew Resource Management (CRM). The course provides crew members with an opportunity to review skills and behavior patterns learned in initial CRM training, and examine the variables that influence individual and crew performance.

Prerequisites: None
And one of the following: 12062, 83226, 12064

18600 Technical Personnel Examiner (TPE) Standardization - Initial

Training Manager: AFS-640 Course Length: 24 hour(s)

Material covered includes regulatory and policy background for designated mechanic examiners and designated parachute rigger examiners. The testing process and the certification packages are prepared by the designee. FAA Order 8610.4, Chapter 3; FAA Order 8300.10, Chapter 202; and Handbook Bulletin FSAW 9918 provide guidance on which flight standards personnel should attend.

Prerequisites: None
And one of the following: None

18601 Technical Personnel Examiner (TPE) Standardization-Recurrent

Training Manager: AFS-640 Course Length: 8 hour(s)

Material covered includes regulatory and policy background for designated mechanic examiners and designated parachute rigger examiners. The testing process and the certification packages are prepared by the designee. FAA Order 8610.4, Chapter 3; FAA Order 8300.10, Chapter 202; and Handbook Bulletin FSAW 9918 provide guidance on which flight standards personnel should attend.

Prerequisites: None
And one of the following: None

18602 Principal Inspector Train-The-Trainer

Training Manager: AFS-520 Course Length: 24 hour(s)

The purpose of this course is to train principal inspectors to teach

Course 25704, The Foundations for Principal Inspectors. Trainees will have an opportunity to use the instructor guide and other learning materials developed for course 25704 to practice teaching and classroom facilitation skills. This course is highly interactive in that each trainee will develop and make two presentations using a variety of classroom delivery methods.

Prerequisites: None
And one of the following: None

18800 Multiengine AP, Instrument & Perf Refresher (LT Twin-Recip)

Training Manager: AFS-520 Course Length: 40 hour(s)

This course is designed for general aviation operations inspectors who act as flight crew members or conduct instrument or flight tests in multiengine airplanes which do not require a type rating by type design. The course provides training in aircraft and flight training devices, pre/post-flight briefings, and classroom instruction that includes aircraft systems and performance, new technology avionics, and review of instrument flight principles.

Prerequisites: None
And one of the following: 20700, 20702

18801 General Aviation Operations Indoctrination Ground

Training Manager: AFS-520 Course Length: 48 hour(s)

This course provides indoctrination training for newly assigned general aviation safety inspectors (operations) in the job functions required by their specialty.

Prerequisites: None
And one of the following: None

18810 General Aviation Operations Indoctrination Flight

Training Manager: AFS-520 Course Length: 88 hour(s)

This course provides indoctrination training for newly assigned general aviation safety inspectors (operations) in the flight job functions required by their specialty. The course consists of aircraft specific ground training lectures/labs, evaluations lecture/video labs, and practice and evaluation flights in aircraft and flight training devices.

Prerequisites: 20702
And one of the following: None

18820 Operational Approval of Advanced Avionics

Training Manager: AFS-520 Course Length: 24 hour(s)

Course intended for AC & GA operations ASI's working with Part 121, 135, and 91 Subpart K, Fractional Aircraft Operators and Corporate Operators. Course provides OPS ASI's the knowledge and skills necessary to authorize and approve the operational use of advanced avionics. Instruction will include how OPS ASI should administer, process, evaluate, and approve (or deny) an operator's application to conduct flight operations using advanced avionics. Participants are provided the opportunity to understand the operational aspects of a variety of advanced avionics systems. Delivered by vendor specializing in pilot training on advanced avionics & includes hands-on training using advanced avionics

Prerequisites: None
And one of the following: None

18875 Legal Instruments Examiner Training

Training Manager: AFS-520 Course Length: 834 hour(s)

This course consists of 22 modules, taught over a 24-month period to new -hire legal instruments examiners with no prior knowledge of FAA regulations and procedures. The curriculum consists of instruction covering the processing of enforcement actions, the examination of applications for more than 20 different certificate types, and the familiarization, interpretation, and application of numerous federal aviation regulations and policies contained in more than 16 different orders.

Prerequisites: None
And one of the following: None

20007 B727 Inspector Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-240 Course Length: 200 hour(s)

This course is for qualification and standardization of air carrier operations inspectors. It includes 22 hours cockpit trainer and 44 hours flight and/or simulator training (22 hours pilot, 22 hours flight engineer). Subject areas include: (1) airplane systems and equipment; (2) limitations; (3) performance; (4) maneuvers; and (5) normal, abnormal, and emergency operating procedures.

Prerequisites: None
And one of the following: 21607, 21204

20056 Turboprop Initial Qualification

Training Manager: AMA-230 Course Length: 104 hour(s)

This course is for aviation safety inspectors (operations) who have responsibility to conduct flight checks (in-flight evaluations) in turboprop airplanes. It consists of classroom, synthetic trainers, and flight training (15 hours pilot/15 hours observation). Subject areas include aircraft systems, performance, single- and multi-shaft turbine engine operations, flight planning, and safe methods of in-flight

evaluations. The course normally utilizes a Beechcraft King Air airplane and a Garrett-type powered turboprop simulator. Graduates of the course are eligible for 4040-2 PIC or SIC as appropriate.

Prerequisites: None
And one of the following: 20700, 20702, 21607

20107 B-727 Inspector Pilot and Flight Engineer Recurrent Qual

Training Manager: AMA-240 Course Length: 64 hour(s)

This course is for air carrier operations inspectors. Subject areas include airplane systems and equipment, limitations, performance, maneuvers, and normal emergency operating procedures. The inspector will be expected to satisfactorily complete a proficiency check in accordance with standards set forth in FAR 121, Appendix F.

Prerequisites: None
And one of the following: 21607, 21204

20113 NSET B727 Inspector Pilot and Flight Engineer Recurrent

Training Manager: AMA-240 Course Length: 64 hour(s)

This course is open to national simulator evaluation team (NSET) members only. This course is the same as Course 20107, B727 Inspector Pilot and Flight Engineer Recurrent, with the addition of 2 hours B727 aircraft flight time. The purpose is for NSET members to experience B727 aircraft flight characteristics and to apply B727 simulator handling characteristics accurately.

Prerequisites: None
And one of the following: None

20155 Turboprop Recurrent Qualification

Training Manager: AMA-230 Course Length: 48 hour(s)

This course is designed for recurrent qualification of those operations inspectors whose job functions require them to perform flight checks (in-flight evaluations) in small turboprop airplanes. The course consists of classroom, synthetic trainer (2 hours), and flight training (7 hours pilot/7 hours observation). Subject areas include aircraft systems, performance, single- and multi-shaft turbine engine operations, flight planning, and safe methods of in-flight evaluations. The course normally utilizes a Beechcraft King Air airplane and a Garrett-type powered turboprop simulator. Graduates of this course are eligible for 4040-2 PIC or SIC as appropriate.

Prerequisites: None
And one of the following: 20056

20702 General Aviation Operations Indoctrination Revised

Training Manager: AMA-230 Course Length: 144 hour(s)

This course provides indoctrination training for newly assigned general aviation safety inspectors (operations) in the job functions required by their specialty. The course consists of agency orientation, inspector job functions, and related job functions subjects, except evaluations.

Prerequisites: None
And one of the following: None

21016 Part 21

Training Manager: AMA-220 Course Length: 32 hour(s)

This course explains to aircraft certification engineers, inspectors, and flight test pilots Part 21's provisions and philosophy. It covers why certification requirements exist, history of Part 21, Policy Development (Part 11, certificate management, international issues, and enforcement, Part 13). The course stresses how type, production, and airworthiness certification are related and how Part 21 relates to the other FAR parts. Designee/delegations -- 50% discount.

Prerequisites: None
And one of the following: 21936, 21660

21017 Core Job Functions - Skills for Success

Training Manager: AMA-220 Course Length: 46 hour(s)

This course enhances inspectors, engineers, and flight-test pilots skills on communication, listening, writing, managing workload, conflict management, and presentation. The course consists of a distance learning segment for the instructions and preparation of briefings, which must be completed prior to arriving for the resident portion of the course.

Prerequisites: 21660
And one of the following: None

21018 Aviation Safety Engineer/Systems Job Functions

Training Manager: AMA-220 Course Length: 72 hour(s)

This course provides discipline-specific training in the procedures that system engineers use on the job. It covers procedures in the type certification process as well as procedures for certification project management and DER management. It also covers other systems engineer related processes and specific guidance on certification of major electrical and mechanical aircraft systems. Designees/delegations - 50% discount.

Prerequisites: 21660, 21016, 21017
And one of the following: None

21019 Aviation Safety Engineer/Airframe Job Functions

Training Manager: AMA-220 Course Length: 64 hour(s)

This course provides discipline-specific training in the procedures engineers use on the job. It covers the broad spectrum of service products relating to continued operational safety, certification, and managing designees/delegations. Designees/delegations -- 50% discount.

Prerequisites: 21660, 21016, 21017
And one of the following: None

21020 Aviation Safety Inspector Job Functions

Training Manager: AMA-220 Course Length: 64 hour(s)

This course provides discipline-specific training in the procedures new inspectors use on the job. It covers the broad spectrum of service products relating to continued operational safety and certification. Designees/delegations -- 50% discount.

Prerequisites: 21016, 21017
And one of the following: 21660, 21936

21021 Aviation Safety Engineer/Propulsion 14 CFR Training

Training Manager: AMA-220 Course Length: 68 hour(s)

This course provides discipline-specific training in the technical aspects of propulsion certification engineering, including engine and propeller type certification, and aircraft (propulsion system installation) type certification. Design approval, production approval, and continued operational safety considerations are included. Designees/delegations - 50% discount.

Prerequisites: 21016, 21017
And one of the following: 21660, 21936

21022 Aviation Safety Program Management

Training Manager: AMA-230 Course Length: 64 hour(s)

This course provides job tasks training for FAA safety program managers, including resources availability, appointing counselors, and conducting safety seminars.

Prerequisites: None
And one of the following: None

21023 Aviation Safety Program Manager's Recurrent Training

Training Manager: AFS-810 Course Length: 24 hour(s)

This course is intended to provide recurrent training to aviation safety program managers and regional aviation safety program managers. It provides updated information on current aviation safety programs and training in those new areas that have been added to the program's scope of responsibility.

Prerequisites: 21022
And one of the following: None

21026 Suspected Unapproved Parts

Training Manager: AMA-250 Course Length: 28 hour(s)

This course defines the suspected unapproved parts policy of the agency; provides procedures to identify suspected unapproved parts; outlines investigative techniques which satisfy safety and enforcement responsibilities; and establishes a means of working with law enforcement agencies.

Prerequisites: None
And one of the following: None

21030 Software Fundamentals

Training Manager: AIR-510 Course Length: 56 hour(s)

This course presents an overview of basic software concepts and principles needed by engineers as an educational foundation. This course is not procedures training; it will not provide information on how to do the job. Content covers three major areas: overview of the system life cycle; the software life cycle; and the software development process. The general role of the FAA in each of these areas is discussed. This course presents basic information on DO-178B, the guidance used by the FAA to evaluate an applicant's software development.

Prerequisites: None
And one of the following: None

21033 King Air C-90 Avionics Equipment Upgrade Training

Training Manager: AMA-230 Course Length: 24 hour(s)

This flight standards course is for FAA inspectors assigned to fly Beechcraft turboprops with newly installed equipment. The objective of this training is to enable inspectors to operate the newly installed equipment during flight operations. The course consists of classroom lecture, ground trainer instruction, and flight instruction in the customer's aircraft as available (and as required by the customer). The specific instructional hours may be modified to provide the most relevant training for the inspector(s) within a total course length of 24 hours.

Prerequisites: None
And one of the following: [20056](#), [20155](#), [28297](#), [28296](#), [28185](#)

21036 Check Airman Training

Training Manager: AMA-230 Course Length: 24 hour(s)

The ground and flight training include: 1) check airman duties, functions, and responsibilities; 2) applicable code of federal regulations, certificate holders' policies and procedures, and FAA orders; 3) applicable methods, procedures, and techniques for conducting the required checks; 4) proper evaluation of student performance; 5) corrective action in the case of unsatisfactory checks; and 6) approved methods, procedures, and limitations for performing the required normal, abnormal, and emergency procedures in the aircraft.

Prerequisites: None
And one of the following: None

21045 Software Job Functions

Training Manager: AIR-510 Course Length: 80 hour(s)

This course describes FAA's role in the software approval process, applicable policy, guidance, and job aids used to find compliance for the airborne software. DO-178b, FAA's guidance for determining software compliance, the aircraft certification software job aids for conducting the software development process, and other special engineering topics used to substantiate software are described. Students will demonstrate their understanding of DO-178b and the software job aid by working a case study that simulates the various stages of software review.

Prerequisites: [21030](#)
And one of the following: None

21046 Airworthiness Standards for Digital Flight Data Recorders

Training Manager: AMA-250 Course Length: 24 hour(s)

This course is designed to provide the aviation safety inspector with an in-depth review of the US Code 14 CFR, Parts 91, 121, 125, 129, and 135 as they pertain to digital flight data recorders (DFDR) and DFDR aircraft systems. Course lecture and discussion covers the CFR requirements for the parameters, maintenance, and inspection programs; methods of data retrieval and examination; data retention; and system correlation documents.

Prerequisites: None
And one of the following: None

21047 Aircraft Dispatcher Functions for ASI's

Training Manager: AMA-240 Course Length: 40 hour(s)

This course will prepare aviation safety inspectors (ASI), who are also certified dispatchers, to be qualified to oversee Part 121, dispatch centers; approve and oversee Part 121, operator dispatcher training programs; and Part 65, dispatcher schools and designated aircraft dispatch examiners.

Prerequisites: [21607](#)
And one of the following: None

21050 Delegation Management Job Functions

Training Manager: AMA-220 Course Length: 32 hour(s)

This course teaches Aircraft Certification Service (AIR) aviation safety engineers, aviation safety inspectors, and flight test pilots the skills necessary to select, supervise, and terminate the appointments of various designees.

Prerequisites: [21016](#)
And one of the following: [21660](#), [21936](#)

21051 Structural Inspection Programs Evaluation

Training Manager: AMA-250 Course Length: 24 hour(s)

Prerequisites to this course are: General/Air Carrier A/W Indoctrination and Air Carrier A/W Advanced Indoctrination. This course provides the knowledge and skills for MX ASI's to determine that basic elements of an operator's structural MX program meet the intent of recommended guidelines and applicable regulatory requirements. Training is based on a statutory requirement contained in the Repair Assessment for Pressurized Fuselages, Final Rule, along with 14 CFR Part 121 requirements for a MX program. This course is for MX ASI's with responsibility for Parts 121, 125, 129, and 135 Air Carrier Structural MX Programs.

Prerequisites: None
And one of the following: None

21053 Orientation to the FAA and AFS

Training Manager: AMA-250 Course Length: 16 hour(s)

This course is designed for new-hire aviation safety inspectors in all specialties and safety technicians. It presents orientation information concerning the Federal Aviation Administration (FAA) and Flight Standards. Course subjects include FAA history, mission, organization, ethical conduct, model work environment, flight standards philosophy, and customer service. Training consists of lecture and classroom exercises.

Prerequisites: [27030](#)
And one of the following: None

21054 Airworthiness Indoctrination Technical Core

Training Manager: AMA-250 Course Length: 72 hour(s)

The objective of this course is to provide basic training for new -hire airworthiness inspectors in the job tasks that pertain to both general and air carrier aviation. Training consists of lecture and classroom exercises to enhance the inspector's ability to perform tasks associated with certification and surveillance job functions. Subjects are common to both air carrier and general aviation airworthiness inspectors.

Prerequisites: 21053
And one of the following: None

21055 Air Carrier Airworthiness Indoctrination

Training Manager: AMA-230 Course Length: 40 hour(s)

The objective of this course is to provide basic training for new -hire air carrier maintenance/avionics inspectors. Training consists of lecture and classroom exercises to enhance the inspector's ability to perform tasks associated with certifications, inspection, and surveillance job functions. Subjects are in addition to the airworthiness technical core course that is unique to the air carrier airworthiness environment.

Prerequisites: 21054
And one of the following: None

21056 General Aviation Airworthiness Indoctrination

Training Manager: AMA-250 Course Length: 40 hour(s)

The objective of this course is to provide basic training for new -hire general aviation maintenance/avionics inspectors. Training consists of lecture and classroom exercises to enhance the inspector's ability to perform tasks associated with certification, inspection, and surveillance job functions. Subjects are in addition to the airworthiness indoctrination technical core course that is unique to the general aviation airworthiness environment.

Prerequisites: 21054
And one of the following: None

21057 Professional Attributes for ASI's and AST's

Training Manager: AMA-250 Course Length: 32 hour(s)

This course is designed for new -hire aviation safety inspectors in all specialties and aviation safety technicians. Course subjects include oral and written communications, interviewing concepts, conflict management, critical thinking processes, meeting and presentation skills, responsibilities in a team environment, and other topics as they relate to being a professional. Training consists of lecture and classroom exercises to enhance the aviation safety professional's ability to perform internal and external job tasks.

Prerequisites: None
And one of the following: 21053, 25711

21058 Certification and Surveillance of Part 145 Stations

Training Manager: AMA-250 Course Length: 28 hour(s)

This course provides the necessary training for inspectors assigned to perform surveillance of Part 145, Repair Stations and participate in certification project teams for AIR agencies seeking repair station certificates. The course includes information on JAA/JAR requirements. Instructional strategies include informal lecture, small group exercises, and individual exercises. The training priority for this course is as follows: current Part 145, Principal Maintenance Inspectors (PMI) and Principal Avionics Inspectors (PAI); current Part 145, Assistant PMI's and PAI's; Part 121, Assistant PMI's; and all others.

Prerequisites: 21427
And one of the following: 21909, 21055, 21056, 20702, 21607

21059 Air Cargo Operations

Training Manager: AMA-250 Course Length: 24 hour(s)

This course provides maintenance aviation safety inspectors assigned to air carriers with the information and skills needed to effectively evaluate and surveil an air carrier's procedures and equipment used in cargo operations.

Prerequisites: None
And one of the following: None

21060 B-737-800 Pilot Initial Training

Training Manager: AMA-240 Course Length: 208 hour(s)

This course is for the initial qualification of operations aviation safety inspectors needing a B737-800/BBJ type rating to perform assigned job functions. This course includes glass cockpit familiarization FME, CPT, lecture, and full-flight level D simulator in the B737-800. Subject areas include systems, performance, limitations, equipment, and normal, abnormal, and emergency procedures.

Prerequisites: None
And one of the following: None

21061 B737-800 Pilot Recurrent Training

Training Manager: AMA-220 Course Length: 72 hour(s)

This course is for the recurrent qualification of operations aviation safety inspectors needing B737-800/BBJ recurrent training. This course includes glass cockpit (FMC), CPT, lecture, and full-flight level D simulator.

Prerequisites: None
And one of the following: None

21062 Operations Specifications for Industry

Training Manager: AMA-240 Course Length: 16 hour(s)

This course provides standardized instructions in the administration, maintenance, and data entry into the operator's issued or applied for operating specifications for 14CFR aircraft operations and certificate holders.

Prerequisites: None
And one of the following: None

21406 Inspector Cockpit En Route Inspection

Training Manager: AMA-250 Course Length: 32 hour(s)

This course is designed for aviation safety inspectors who are responsible for surveillance of air carrier programs. The course consists of lecture, discussion, and lab in the following areas: preparation for an en route inspection; evaluation of preflight activities; 5-day grounding; evaluation of ground handling; in-flight performance of aircraft systems and flight crew; and documentation of inspection findings.

Prerequisites: None
And one of the following: None

21415 Aircraft Certification Systems Evaluation Program

Training Manager: AMA-220 Course Length: 24 hour(s)

This course is designed for certification personnel. It includes definitions and terms; purpose and objectives; areas of responsibilities; audit types, applications; inter-divisional/inter-functional relationships and protocol; staffing and training; audit scheduling; program evaluation methods, preparations, performance, documentation, and reporting; and closure of audits. This course has a distance learning segment of 12 to 16 hours. Designees/delegations -- 50% discount.

Prerequisites: 21016
And one of the following: 21660, 21936

21417 Aviation Safety Technician Indoctrination

Training Manager: AMA-240 Course Length: 96 hour(s)

This course is indoctrination training provided to newly assigned aviation safety technicians. It consists of classroom instructions, laboratory exercises, and work projects. Subjects include certification, surveillance, investigation, and the accident prevention program. Personnel should receive this training within 6 months after

assignment to an aviation safety technician position.

Prerequisites: 12030, 21426
And one of the following: None

21423 Flight Standards Automation Tools

Training Manager: AMA-230 Course Length: 40 hour(s)

This course is for aviation safety inspectors, technicians, and their supervisors. It consists of lecture and computer laboratory exercises. Subject areas include an overview of flight standards automation tools with emphasis on data quality. Using the Internet, ISIS, and OASIS 3.X ad hoc reports and the national FSAS query. The skills acquired in this course will enable each person to use automation tools to perform job tasks more effectively.

Prerequisites: 21426
And one of the following: None

21426 Introduction to Flight Standards Automation

Training Manager: AMA-230 Course Length: 16 hour(s)

This course introduces newly hired aviation safety inspectors and aviation safety technicians to the Flight Standards Information System and to the job tasks related to automation. A combination of lecture, exercises, and hands on computer lab will enable inspectors and technicians to enter and retrieve information from the program tracking and reporting subsystem using OASIS 3.X document manager; and retrieve and print information from the integrated safety information system.

Prerequisites: 12030
And one of the following: None

21427 Operations Specifications Subsystem (OPSS)

Training Manager: AMA-240 Course Length: 24 hour(s)

This course introduces the automated Operations Specification Subsystem (OPSS). It is designed to provide users with an overview of the OPSS operating environment and system applications.

Prerequisites: None
And one of the following: None

21428 New Automated Operations Specification Application (LAN)

Training Manager: AFS-260 Course Length: 24 hour(s)

This training will provide local area network (LAN) personnel the ability to use the new OPSS application. LAN students will spend an additional 8 hours reviewing the technical details of the installation and maintenance of this application. They will be able to assist the aviation

safety inspectors to produce and issue current, accurate, and policy-correct operations specifications paragraphs in a manner compliant with safety, Congressional, OIG, and White House expectations and requirements. This training provides hands-on lessons to effectively use the new window s-based management system.

Prerequisites: None
And one of the following: None

21429 Air Transportation Oversight System (ATOS)

Training Manager: AMA-250 Course Length: 48 hour(s)

This course provides training to FAA Certificate Management Team (CMT) members assigned to specific air carriers. The course consists of integrated classroom and automation laboratory instruction in job tasks, using systematic techniques with a system safety focus. Subject areas include an overview of the ATOS process, system safety, ATOS policy and procedures, certificate management, team skills, and application of automation tools.

Prerequisites: 22006
And one of the following: None

21430 Aviation Safety Action Programs (ASAP)

Training Manager: AMA-240 Course Length: 16 hour(s)

This course will enable aviation safety inspectors, with oversight responsibilities of air carriers participating in ASAP, to better measure compliance, target resources, and facilitate system-wide policy changes through standardized guidance and training related to ASAP. Inspectors will be provided with new methods and tools they can use to review and evaluate memoranda of understanding (MOU); participate in and work with event review committees; and achieve safety work program goals and objectives.

Prerequisites: 21607, 21632
And one of the following: 21629, 21618

21607 Air Carrier Operations Indoctrination

Training Manager: AMA-240 Course Length: 104 hour(s)

This course provides indoctrination training for newly assigned aviation safety inspectors and air carrier operations in the job tasks required of this specialty. It consists of both classroom and laboratory instruction in the inspector job tasks and physiological training. The subject areas are those related to the overall flight standards and air carrier mission.

Prerequisites: None
And one of the following: None

21609 Agricultural Aircraft Operator Certification and Inspection

Training Manager: AMA-230 Course Length: 54 hour(s)

This course is for general operations inspectors. The course covers general subjects relating to agricultural operations; provides an in-depth look at economic poisons (pesticides) and FAR 137; prepares inspectors to administer a knowledge and skills test, conduct a base inspection of an agricultural operator, and certify an agricultural operator. Inspectors will also learn the procedures for evaluating and monitoring a congested area plan and inspecting an FAR 137 dispensing operation.

Prerequisites: 20702
And one of the following: None

21621 Air Carrier Operations Inspector Job Functions (Recurrent)

Training Manager: AMA-240 Course Length: 24 hour(s)

This course is primarily designed for aviation safety inspectors (air carrier operations) assigned duties with FAR 121, Air Carriers. Subjects presented in each class are chosen on the basis of job tasks most recently altered by handbook changes or other flight standards policy changes.

Prerequisites: None
And one of the following: 21607, 21617

21632 Air Carrier Operations Inspector Transition Training

Training Manager: AMA-240 Course Length: 64 hour(s)

This course is designed for general aviation (GA) inspectors who transition into the air carrier specialty. Training consists of lectures, exercises, and examinations designed to enhance the inspector's ability to perform tasks associated with certification and surveillance of title 14 CFR, Part 121 air carrier.

Prerequisites: None
And one of the following: 20700, 20702

21660 Aircraft Certification Indoctrination

Training Manager: AMA-220 Course Length: 56 hour(s)

This course is an aircraft certification course for newly assigned engineers, flight test pilots and aviation safety inspectors (manufacturing). Subject areas include the mission and organization of the FAA and Aircraft Certification Service (AIR); the roles and responsibilities of technical specialists within AIR; regulations, orders, and policy guidance that describe the work of specialists and the products or services they provide; requirements for type, production, and airworthiness certification programs; appointment of designees

and delegated facilities; continued airworthiness programs and the role of specialists within them. Designee/delegations -- 50% discount.

Prerequisites: None
And one of the following: None

21811 Aircraft Alterations and Repairs

Training Manager: AMA-250 Course Length: 32 hour(s)

This course is designed for FAA airworthiness (maintenance and avionics) inspectors who are responsible for approving alterations and repairs of aircraft. The course consists of discussion, analysis, and application of alteration and repair problems. The course includes a study of the following areas of alteration and repair processes: applicable references; alteration and repair approval decisions in relation to aircraft weight and balance, structural strength, performance, and powerplant operations; and flight characteristics. This course is designed to enhance inspector knowledge using interactive learning, task-oriented course content, and problem-solving approaches.

Prerequisites: None
And one of the following: None

21824 Altimetry and Barometry

Training Manager: AMA-250 Course Length: 32 hour(s)

This course is for airworthiness (avionics) inspectors. Subject areas include altimetry problems, physics of the atmosphere, atmospheric measurement standards, units and dimensions, types of barometers and manometers, solid-state barometric techniques, installation calibration, correction and acceptable maintenance practices relative to barometer installations, standard procedures used in the connection with pressure observations, reduction of pressure altimetry aircraft pitot static systems, altimeters, air speed indicators, etc.

Prerequisites: None
And one of the following: None

21825 Avionics Test and Measuring Equipment

Training Manager: AMA-250 Course Length: 32 hour(s)

This course is for airworthiness (avionics) inspectors. Subject areas include: test equipment; calibration and maintenance techniques; test equipment requirements; equivalent test equipment; and ATE concepts. The characteristics of test equipment used in maintaining the following A/C systems: NAVCOM, DME, XPDR, radar, fuel quantity indicating, flight guidance, DFDR, CVR, radio altimeter, and EPR/EGT/RPM indicating are also covered.

Prerequisites: None
And one of the following: None

21846 Avionics Certification Procedures

Training Manager: AMA-250 Course Length: 68 hour(s)

This course is for airworthiness (avionics) inspectors. Subject areas include familiarization with the concepts and general principals of advanced and/or new avionics systems and their related installation issues. Emphasis is placed on alteration approval requests, their regulatory requirements, applicable special considerations, as well as, airworthiness and operational considerations.

Prerequisites: 21811
And one of the following: None

21936 AIR Indoctrination Applications

Training Manager: AMA-220 Course Length: 24 hour(s)

This course is intended to provide Aircraft Certification Service's (AIR) new employees with an overview of the general knowledge they will require to perform their jobs effectively. Subjects include: AIR's mission, vision and values, roles and responsibilities, regulations and policy, type, production and airworthiness certification, continued operation of safety management, international considerations, and designees and delegates.

Prerequisites: 27936
And one of the following: None

22000 Information Technology for Computer Specialists/Assistants

Training Manager: AMA-230 Course Length: 56 hour(s)

This indoctrination training is provided to all current and newly assigned Flight Standards (AFS) regional and field office computer specialists and computer assistants. It consists of classroom instruction, hands-on training, and laboratory exercises. Subjects include: Windows 2000 server configuration; administration; utilities; disaster recovery; print servers; AFS basic client workstation and software; OASIS 3.x administration; ad hoc reports; workstation hardware; and troubleshooting. AFS personnel should receive this training upon assignment to an AFS regional/field office computer specialist or computer assistant position. Personnel who function in the capacity as backup also need this training.

Prerequisites: None
And one of the following: None

22005 SPAS Safety Performance Analysis System

Training Manager: AMA-240 Course Length: 32 hour(s)

This course trains aviation safety inspectors (ASI), aviation safety technicians (AST), and safety data analysts/operations research analysts to use the Safety Performance Analysis System (SPAS). A combination of lecture, discussion, and hands-on computer laboratory modules are used to teach the user how to navigate through the

system to obtain vital information.

Prerequisites: 21423, 21426
And one of the following: None

22006 System Safety

Training Manager: AMA-250 Course Length: 24 hour(s)

The purpose of this course is to train FAA aviation safety inspectors on system safety and risk management processes and the importance of both as they relate to systems management. This will be accomplished by demonstrating how system safety and risk management are used throughout the FAA environment.

Prerequisites: None
And one of the following: None

22007 ATOS Overview

Training Manager: AMA-250 Course Length: 24 hour(s)

This course is designed to familiarize industry personnel, international students, and government agencies other than FAA with ATOS. It will provide instruction on ATOS access, ATOS System including the tools, and the policy and guidance that make the ATOS System work.

Prerequisites: None
And one of the following: None

22008 ATOS Overview for Headquarters and Regional Staff

Training Manager: AMA-250 Course Length: 24 hour(s)

This course is designed to familiarize headquarters personnel and regional staff personnel with the ATOS process. It will provide instructions on the ATOS access, ATOS report content, and availability.

Prerequisites: None
And one of the following: None

22100 FAR Part 135, Air Carrier Operations

Training Manager: AMA-230 Course Length: 72 hour(s)

This course is for newly assigned general operations inspectors and specialists whose duties include the certification, inspection, and surveillance of air taxi operators and operations. The objective of this course is to train these personnel in the regulations, policies, procedures, and documentation required to satisfy the agency's responsibilities regarding air taxi operations.

Prerequisites: 20702
And one of the following: None

22101 Pilot School Certification

Training Manager: AMA-230 Course Length: 56 hour(s)

This course is for general operations supervisors, inspectors, and specialists. The objective of this course is to train operating personnel in the regulations, policies, and procedures relating to pilot school certification and surveillance.

Prerequisites: 20702
And one of the following: None

22102 Flight Simulator Evaluation

Training Manager: AMA-240 Course Length: 40 hour(s)

Training is for ASI's (operations) and consists of classroom simulator instruction in the techniques, procedures, policies, and criteria of evaluating, qualifying, and approving simulators and flight training devices. The training enables inspectors to understand the process to conduct initial and recurrent evaluations of simulators and flight training devices and conduct surveillance of simulators and flight training devices. Students will be involved in the simulator with the use of the Fokker control loading measuring equipment, visual latency and through-put delay checks, motion checks, performance tests from the master qualification test guide, and functional checks.

Prerequisites: None
And one of the following: 21607, 20702

22104 FAR Part 135, Air Carrier Cert and Inspection (Recurrent)

Training Manager: AMA-230 Course Length: 56 hour(s)

This course is primarily air carrier and general operations inspectors assigned duties and responsibilities for FAR 135 operators. It consists of classroom and lab for initial certification, surveillance, en route inspection, airplane performance, simulator and training device approval, training programs, operation specifications, minimum equipment lists, check airman approval, and aircraft proving and validation tests.

Prerequisites: 22100
And one of the following: None

22518 Nondestructive Inspection and Evaluation

Training Manager: AMA-220 Course Length: 28 hour(s)

This course is for ASI's (manufacturing and airworthiness) with at least 1 year of field experience who certify and perform quality assurance audits or surveillance of NDT facilities. Operation of

instructional and engine certification engineers, who require knowledge of modern NDT techniques, may also attend. The course provides training in major NDT methods and requirements for facilities and operators to establish NDT functions. Subjects include: NDT methods and techniques; certification of facilities and operators; NDT audit requirements; and surveillance techniques. Exercises and simulations provide practical application of NDT techniques in certifications and audits.

Prerequisites: None
And one of the following: None

22600 Evaluation of Aviation Management Systems

Training Manager: AMA-250 Course Length: 64 hour(s)

This course is designed for aviation safety inspectors (ASI) and manufacturing inspectors. The course consists of classroom and workshop instruction on methods used to evaluate the effectiveness and value of aviation management systems. Course instruction includes types of organizations, organizational principles, company evaluation planning, management concepts, essentials of system design, methods of charting, problem/decision analysis, procedure analysis, block and linear responsibilities, interview techniques, identification of policy/procedures, and report preparation.

Prerequisites: None
And one of the following: [21607](#), [21603](#), [21601](#), [20700](#), [20702](#)

22602 Advanced Qualification Program -- Aviation Safety Inspector

Training Manager: AMA-230 Course Length: 28 hour(s)

This course prepares trained aviation safety inspectors to perform the certification and surveillance functions unique to certificate holders who are developing and/or operating advanced qualification programs. This course teaches inspectors the advanced qualification program process, how to provide surveillance of single-visit training programs, and how to review advanced qualification program documents. It provides hands-on experience reviewing documents and evaluating video-taped, line-oriented evaluation scenarios. It also teaches data collection and analysis methods.

Prerequisites: None
And one of the following: None

25004 Fractional Ownership Familiarization

Training Manager: AFS-520 Course Length: 8 hour(s)

The target audience for this briefing comprises persons with an 1825 job classification including managers. This training provides an overview of the new fractional ownership rule. The course includes a discussion of the background and history of the rule; major features of the rule; the application process; transition process; surveillance; accident/incident investigations; and compliance and enforcement.

The training is supplemented with powerpoint slides and paper materials distributed to participants. There are no tests associated with this training.

Prerequisites: None
And one of the following: None

25006 Air Transportation Oversight Sys (ATOS) Recurrent Training

Training Manager: AFS-900 Course Length: 16 hour(s)

Provides Air Transportation Oversight System's certificate management team aviation safety inspectors with the knowledge and skills needed to inspect and surveil operators in accordance with current ATOS policies and procedures, utilizing current data collection tools and current automation features.

Prerequisites: None
And one of the following: None

25008 Flight Standards Geographic Inspector Training Course

Training Manager: AFS-530 Course Length: 8 hour(s)

This course is designed for flight standards air carrier inspectors (operations and airworthiness) who are assigned to geographical inspection and surveillance responsibilities. Scheduling will be arranged through the Flight Standards Inspector Resource Management Branch (AFS-520).

Prerequisites: None
And one of the following: [21601](#), [21607](#)

25011 (CBI) Eddy Current Inspections

Training Manager: AFS-520 Course Length: 8 hour(s)

This course consists of six lessons to teach the student academic knowledge and procedural skills associated with a particular element of eddy current inspections. Instructions will focus primarily on principles, techniques, technologies, and general equipment, rather than on any particular piece of hardware or procedure. The eddy current instruments selected for this course are Centurion models ED-520, ED-530, and ED-810 (previously Magnaflux models ED-520, ED-530, and ED-810). This course was purchased from Integrated Logistics International. It was designed for the aviation industry and has not been modified by or for the FAA.

Prerequisites: None
And one of the following: None

25012 (CBI) Autopilot Servos & Approach Coupling Systems

Training Manager: AFS-520 Course Length: 8 hour(s)

This course consists of five lessons to teach the student the academic knowledge and procedural skills associated with a particular element of autopilot servos and approach coupling systems. Instructions will focus primarily on principles, techniques, technologies, and general equipment, rather than on any particular piece of hardware or procedure. This course was purchased from Integrated Logistics International. It was designed for the aviation industry and has not been modified by or for the FAA.

Prerequisites: None
And one of the following: None

25013 (CBI) Aircraft Electronic Comm. & Navigation Systems

Training Manager: AFS-520 Course Length: 8 hour(s)

This course consists of six lessons to teach the student the academic knowledge and procedural skills associated with a particular element of aircraft electronic communication and navigation systems. Instructions will focus primarily on principles, techniques, technologies, and general equipment, rather than on any particular piece of hardware or procedure. This course was purchased from Integrated Logistics International. It was designed for the aviation industry and has not been modified by or for the FAA.

Prerequisites: None
And one of the following: None

25014 (CBI) Ultrasonic Inspections

Training Manager: AMA-260 Course Length: 10 hour(s)

This course consists of six lessons to teach the student the academic knowledge and procedural skills associated with a particular element of ultrasonic inspections. Instructions will focus primarily on principles, techniques, technologies, and general equipment, rather than on any particular piece of hardware or procedure. The ultrasonic instruments selected for this course are the Centurion models FX-1 and PS-710B (previously Magnaflux models FX-1 and PS-710B). This course was purchased from Integrated Logistics International. It was designed for the aviation industry and has not been modified by or for the FAA.

Prerequisites: None
And one of the following: None

25015 (CBI) Aircraft Instrument Systems

Training Manager: AFS-520 Course Length: 8 hour(s)

This course consists of seven lessons to teach the student the principles and functions of aircraft instrument systems, including: direction instruments, the pilot static system, gyroscopic instruments, remote indicating instruments, and autopilot. Instruments are taught in general equipment detail, with a thorough explanation of applicable

terminology, principles of analog and digital operations, location of instruments on the panels operational testing, maintenance procedures, and associated CFR's. This course was purchased from Integrated Logistics International. It was designed for the aviation industry and has not been modified by or for the FAA.

Prerequisites: None
And one of the following: None

25017 (CBI) Intro to Compliance & Enforcement Procedures (X-SEC)

Training Manager: AMA-260 Course Length: 15 hour(s)

This course covers preparation and processing of an enforcement investigative report (EIR) including the preparation and conduct of an investigation, evidence, interpretation of regulations, witness interviews, sanction guidance tables and remedial training, adjudication, and providing testimony. The course is based on FAA Order 2150.3A, Compliance and Enforcement.

Prerequisites: None
And one of the following: None

25018 Flight Standards Air Carrier Evaluation Program

Training Manager: AFS-900 Course Length: 8 hour(s)

This course provides training on how to implement the evaluation program. The objective of the program is to identify and mitigate an air carrier's operational risks through verification of regulatory compliance and to heighten safety awareness through the application of system safety. The course is designed for FAA air carrier inspectors who are designated as air carrier evaluation program liaisons, regional air carrier program coordinators, evaluation project managers, and personnel who are assigned to certificate management teams.

Prerequisites: None
And one of the following: None

25019 (CBI) Managing Voluntary Disclosure

Training Manager: AFS-520 Course Length: 1 hour(s)

This course gives an overview of disclosure policy and case studies to teach aviation safety inspectors their responsibilities when operators voluntarily disclose unsafe practices or FAR violations.

Prerequisites: None
And one of the following: None

25020 (CBI) Aircraft Speed & Config. Warning & Antiskid System

Training Manager: AFS-520 Course Length: 8 hour(s)

This course consists of six lessons to teach the student the academic knowledge and procedural skills associated with a particular element of aircraft speed and configuration warning and antiskid systems. Instruction will focus on general principles, techniques, and technologies associated with these systems, rather than on any particular piece of hardware or procedure. This course was purchased from Integrated Logistics International. It was designed for the aviation industry and has not been modified by or for the FAA.

Prerequisites: None
And one of the following: None

25021 (CBI) Compliance and Enforcement Interactive Simulation

Training Manager: AFS-520 Course Length: 10 hour(s)

This simulates seven different cases of noncompliance. Some have multiple versions, based on varying circumstances that range from improper training to intentional violation of the FAR's. The student will navigate each case through an entire enforcement information report (EIR) process and recommend a final sanction. These simulations were demonstrated at compliance and enforcement seminars in 1990 and provide excellent refresher training for aviation safety inspectors. There is a set of four interactive videodiscs required to take this course: (1) TCA/Trim Tab; (2) Beach Buzz/Wing Bolts; (3) Rock Battery/Gual Air; and (4) Global Air/Introduction.

Prerequisites: None
And one of the following: None

25022 Flight Standards Air Carrier Evaluation Program Orientation

Training Manager: AFS-900 Course Length: 4 hour(s)

This course is designed to teach both FAA air carrier inspectors and air carrier personnel how to implement the evaluation program. The objective is to identify and mitigate an air carrier's operational risks through verification of regulatory compliance and to heighten safety awareness through the application of system safety. The program is also designed to identify and mitigate operational risks in partnership with the air carrier.

Prerequisites: None
And one of the following: None

25023 (CBI) Crew Resource Management

Training Manager: AMA-260 Course Length: 4 hour(s)

This course provides the student with the skills needed to effectively manage the cockpit, crew, and resources during emergency procedures. These skills can be used to evaluate the pilot-in-command and second-in-command during inspections of an operator.

Prerequisites: None
And one of the following: None

25024 (CBI) Electronic Instrument System - Honeywell

Training Manager: AFS-520 Course Length: 10 hour(s)

This CBI course is designed for AIR and AFS personnel who require an overview of the operation of the Honeywell EIS. The course includes EIS graphics and fault annunciation, all display and control features, en route operation, reversion modes, interface with the flight management system, and all associated equipment. The student practices performing approaches using high-fidelity representation of the actual system.

Prerequisites: None
And one of the following: None

25027 AFS Flight Program Check Pilot Standardization

Training Manager: AFS-260 Course Length: 24 hour(s)

The course qualifies AFS King Air instructors to be standardization check pilots for the AFS flight program. Ground and flight training includes: check pilot duties and responsibilities; program policy and procedures; provisions of FAA orders pertaining to AFS flight program participants; procedures and techniques for conducting flight program checks; evaluation of flight program participants' performance; corrective action for unsatisfactory flight checks; and standardized procedures and limitations for performing normal, abnormal, and emergency procedures in FAA aircraft or simulators.

Prerequisites: None
And one of the following: None

25028 (CBI) JAA/JAR Part 145

Training Manager: AMA-200 Course Length: 16 hour(s)

This course is designed to prepare flight standards airworthiness inspectors dealing with domestic repair stations to implement the Joint Aviation Requirement (JAR), Part 145 supplemental requirements, conduct a domestic repair station inspection in accordance with JAR 145, and report their findings to the Joint Aviation Authority.

Prerequisites: None
And one of the following: None

25029 (CBI) FAR 129 Inspections of Foreign Operated Aircraft

Training Manager: AMA-200 Course Length: 8 hour(s)

Designed for aviation safety inspectors with direct job responsibilities related to foreign carriers. Prepares inspectors to successfully conduct ramp inspections of foreign air carriers providing them experience and relevant computer-based training exercises. Students will not be applying the same standard to foreign carriers as they do to domestic carriers; instead, will focus geographic surveillance on ramp inspections of foreign air carriers operating into the United States in accordance with all applicable FAR's; ICAO requirements, standards, and recommended practices; and other applicable directives. Skills outlined in the course are critical to the FS mission and goals.

Prerequisites: None
And one of the following: None

25030 (CBI) Phase I Orientation for New A/W Inspectors

Training Manager: AMA-260 Course Length: 10 hour(s)

This course, Phase I of IV, is designed for the newly hired aviation safety inspector (airworthiness). This phase is an orientation that will teach the student the history and organization of the FAA, flight standards, and the Academy. The inspector will be provided a job overview that defines his or her roles and responsibilities. Also included in this course are tools and resources for inspectors, an introduction to Flight Standards Automation Systems, terminology, and an overview of the Federal Aviation Regulations (FARs).

Prerequisites: None
And one of the following: None

25031 (CBI) Phase II Basic Tasks for New A/W Inspectors

Training Manager: AMA-200 Course Length: 20 hour(s)

This course, Phase II of IV, is designed for the newly hired aviation safety inspector (airworthiness). This phase covers basic airworthiness inspections, authorizations, evaluations and reports as required by FAR, parts 65, 21, 43, 183, 12, and 135.

Prerequisites: None
And one of the following: None

25032 (CBI) Phase III Surveillance/Inspections Tasks for A/W ASI's

Training Manager: AMA-200 Course Length: 13 hour(s)

This course, Phase III of IV, is designed for newly hired aviation safety inspectors (airworthiness). This phase teaches the inspector to perform surveillance tasks as required by FAR, parts 91, 121, 125, 133, 135, 137, and 141; and section 609 of the FAA Act.

Prerequisites: None
And one of the following: None

25033 (CBI) Phase IV Certification Tasks for New A/W Inspectors

Training Manager: AMA-200 Course Length: 10 hour(s)

This course, Phase IV of IV, is designed for the newly hired aviation safety inspector (airworthiness). This phase teaches the inspector to perform basic certification tasks in accordance with FAR, Parts 121, 125, 135, 145, and 147.

Prerequisites: None
And one of the following: None

25036 System Safety/ATOS Seminar

Training Manager: AMA-250 Course Length: 32 hour(s)

This course is designed to familiarize personnel from government agencies other than FAA, industry personnel, and international students with system safety and risk management processes and the importance of both as they relate to systems management. Also, it will provide instructions on ATOS access; ATOS system, including the tools; and the policy and guidance that make the ATOS system work. This will be accomplished by demonstrating how system safety, risk management, and ATOS are used throughout the FAA environment.

Prerequisites: None
And one of the following: None

25500 Operations Specifications Subsystem (OPSS)

Training Manager: AMA-200 Course Length: 16 hour(s)

This field delivered course is conducted by AFS-200 personnel for the flight standards community. The course provides an introduction and overview of the new Operations Specifications Subsystem (OPSS) and the new Flight Standards Information System (FSIS).

Prerequisites: None
And one of the following: None

25700 CSET Team Leader Training Phase 1 (Communication)

Training Manager: AFS-900 Course Length: 24 hour(s)

This training provides new certification, standardization, and evaluation team (CSET) leaders with advanced skills to enhance communication in a virtual environment and addresses issues to ease the transition to becoming a team leader. CSET team leaders participate in learning exercises in collecting data through interviews and meetings with FSDO managers and others; analyzing findings and

recommending solutions; and writing weekly reports, E-mails, and briefings on project status and activities using a structured logical approach. This is the first of two phases of training for new CSET team leaders.

Prerequisites: 01251
And one of the following: None

25702 Flight Standards on the Job Training

Training Manager: AFS-520 Course Length: 24 hour(s)

The purpose of this 3-day course is to prepare designated flight standards OJT instructors to plan, develop, and deliver an OJT session at levels 1, 2, and 3. Upon completion of this course, participants will be able to conduct OJT according to the current OJT requirements and standards.

Prerequisites: None
And one of the following: None

25703 Train-The-Trainer for Regional OJT

Training Manager: AFS-520 Course Length: 16 hour(s)

This course is for regional OJT instructors who attended Course 10530 at the FAA Academy June 26-28,2001. The purpose of the course is to train regional trainers to deliver course 10530, customized to their regions needs, and to designated OJT instructors. This course will be valid until 12/31/01 or until the Academy schedules additional sessions of 10530 to accommodate flight standards need for trained OJT instructors. Trainees will review principles of adult education and teaching strategies, write a lesson plan, and teach the lesson. Peer and instructor feedback will be received.

Prerequisites: 10530
And one of the following: None

25704 Foundations for Principal Inspectors

Training Manager: AFS-520 Course Length: 24 hour(s)

This 24-hour classroom course for principal inspectors introduces flight standards' emerging philosophy of doing business and provides principal inspectors with the necessary tools to communicate effectively with industry in order to maximize industry's ability to achieve compliance with FAA regulations. It addresses developing collaborative relationships, decision making, communication protocol, and the PI's toolbox.

Prerequisites: None
And one of the following: 21607, 21629, 21909, 20702

25705 Fractional Ownership Transition Presentation

Training Manager: AFS-520 Course Length: 16 hour(s)

This presentation is intended for flight standards inspectors with responsibilities for fractional ownership management companies during the rule transition period. It will prepare flight standards inspectors to implement the new fractional ownership rule as they work with fractional ownership management companies. The presentation addresses the background and history of the rule, a discussion of the rule, a detailed discussion of the application process, and the transition process. In addition, the impact of the rule on surveillance, accident/incident investigations, and compliance and enforcement is discussed. The presentation is delivered via informal lecture. No tests are associated with this presentation.

Prerequisites: None
And one of the following: None

25706 Advanced Qualification Program -- Aviation Safety Inspector

Training Manager: AFS-520 Course Length: 24 hour(s)

This course prepares trained aviation safety inspectors to perform the certification and surveillance functions unique to certificate holders who are developing and/or operating advanced qualification programs. This course teaches inspectors the advanced qualification program process, how to provide surveillance of single-visit training programs, and how to review advanced qualification program documents. It provides hands-on experience reviewing documents and evaluating video-taped, line-oriented evaluation scenarios. It also teaches data collection and analysis methods.

Prerequisites: None
And one of the following: None

25707 Performance Planning and Budget Integration

Training Manager: AFS-520 Course Length: 24 hour(s)

This 3-day course is designed for managers and staff personnel involved in developing performance measures for their organization and linking them to the budgeting process. Participants will explain how organizational performance measurement supports organizational performance management and examine the life cycle of the budget development process. Upon completion of the course, participants should be able to develop effective performance goals for both outcomes and outputs and integrate them with the budgeting process. Instructional methods include guided discussions, readings, written skill practices, and interactive exercises.

Prerequisites: None
And one of the following: None

25708 Remotely-Sited Inspector Indoctrination

Training Manager: AFS-520 Course Length: 28 hour(s)

The purpose of this course is to prepare remotely sited inspectors (RSI) with the knowledge and skills to meet the challenges of a virtual environment and to produce an awareness and understanding of their responsibilities to the certificate management office. More specifically, the following topics will be addressed: philosophy and foundation of the RSI positions; roles and responsibilities; challenges and benefits of the position; the art of communicating; building team trust; and the RSI's automation tool box.

Prerequisites: None
And one of the following: None

25709 Flight Operational Quality Assurance (FOQA)

Training Manager: AFS-520 Course Length: 16 hour(s)

This course introduces the basic concepts of FOQA. The purpose of the course is to provide key information for air carrier operations ASI's (Parts 119, 121, and 135) with oversight responsibility for their operator's approved FOQA implementation and operation (I&O) plans, participating in joint reviews of operator FOQA aggregate trend data, and understanding roles and joint responsibility for corrective actions taken for adverse safety trends revealed by FOQA.

Prerequisites: None
And one of the following: None

25711 New-Hire Orientation to the FAA and AFS

Training Manager: AFS-520 Course Length: 16 hour(s)

This course is designed for new-hire aviation safety inspectors in all specialties and safety technicians. It presents orientation information concerning the FAA and Flight Standards. Course subjects include FAA history, mission, organization, ethical conduct, model work environment, flight standards philosophy, customer service, and responsibilities in a team environment. Training consists of lecture and classroom exercises.

Prerequisites: 27030
And one of the following: None

25712 Air Carrier Continuing Analysis and Surveillance System

Training Manager: AFS-310 Course Length: 40 hour(s)

The course is for airworthiness inspectors with certificate management duties involving Parts 121 and 135 (10 or more) air carriers. Subjects include QA functions/processes as the basis for understanding CASS and how the air carrier should use CASS to measure effectiveness and performance of all elements of its maintenance program. Instructions are given on auditing techniques; qualitative, and quantitative analytical techniques; methods, techniques, and thought processes used to establish or modify scheduled maintenance tasks and intervals as well as determine the effectiveness of the scheduled maintenance program.

Prerequisites: None
And one of the following: None

25800 Introduction to Aircraft Loads/Basic Loads

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will be able to gain a basic understanding of the importance of loads data to the overall design and manufacture of fixed wing aircraft, how loads are developed and used, methodologies for generating and validating loads data, and how loads are reported to the FAA and what to do with these data.

Prerequisites: None
And one of the following: None

25801 Damage Tolerance

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will be able to: identify and use the appropriate FAR sections for reviewing the DTE report; verify the validity and accuracy of all the supporting analysis and test data to support the evaluation; and determine when it is appropriate to seek advice from a national resource specialist or other expert in evaluating the data.

Prerequisites: None
And one of the following: None

25802 Software Fundamentals: Computer Science Lesson

Training Manager: AMA-220 Course Length: 8 hour(s)

(Self-study video). This mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. It provides an overview of basic computer concepts, principles, and terminology and its relationship to aircraft. Participants will be able to: explain the key elements of computers, their interactions, and application to aircraft; describe how computers process instructions; describe the interaction of software with hardware; explain embedded and general purpose computers and their use in aircraft; define key software terminology; and explain the need for assurance for software and hardware.

Prerequisites: None
And one of the following: None

25803 Flutter/Aeroelastic Stability

Training Manager: AMA-220 Course Length: 8 hour(s)

(Self-study video). This mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will be able to: recognize the characteristics of different types of aeroelastic instabilities; list the relevant FAR requirements; review applicant's flutter certification plan and understand the approach to demonstrate compliance; describe parameters that effect aeroelastic stability and relate them to design features and changes; and understand the education, training, and experience necessary to make journey-level findings of compliance.

Prerequisites: None
And one of the following: None

25804 Repairs and Modifications

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will be able to: recognize the differences between repair and an alteration, major and minor repairs, major and minor alterations; list the relevant FAR's addressing repairs and alterations; recognize how typical alterations impact airworthiness; and recognize the steps in the STC approval process.

Prerequisites: None
And one of the following: None

25805 Composite Materials

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video.) This mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will be able to: verify that the material systems selected meets recommended selection criteria; verify that appropriate considerations are taken into account in the static strength demonstration; verify that appropriate material/processing variability considerations are included in damage tolerance testing and that appropriate residual strength considerations are addressed; and determine when it is appropriate to seek advice from an NRS or other expert in evaluating structural substantiation programs.

Prerequisites: None
And one of the following: None

25806 Introduction to Metallurgy

Training Manager: AMA-220 Course Length: 5 hour(s)

(Self-study video). This mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will be able to: understand the importance of metal materials and processes to type design; describe how metals and alloys solidify and list the factors that control ingot structure; describe how mill products are produced from ingots by hot and cold working; describe how metallic materials are hardened by heat treatment and

by other means; describe how fabrication and finishing operations affect the properties of metals and alloys; and recognize when, for a certification, a metallurgist needs to be part of the FAA team.

Prerequisites: None
And one of the following: None

25807 Crashworthiness

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of ten overviews of technical topics in the airframe and systems engineering curriculum. Participants will be able to: determine whether a compliance inspection is necessary; identify key issues to focus on during the inspection; recognize those areas that require further policy and guidance from applicable technical specialist or transport standards staff personnel; and conduct an inspection and identify non-compliance issues.

Prerequisites: None
And one of the following: None

25808 HIRF/AND Lightning Protection

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. The participant will be able to: identify and use the appropriate FAR parts for reviewing the report; verify the validity of the aircraft lightning zones defined; determine whether the appropriate steps have been accomplished for the electrical and electronics systems lightning protection; verify that the system HIRF protection compliance approach is adequate; and determine when it is appropriate to seek advice from an NRS or other expert in evaluating the data.

Prerequisites: None
And one of the following: None

25809 Systems Safety Assessment

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. The participant will be able to: understand the history behind the fail-safe design concept; identify the issues leading to the development of ARP 4754; state the key topics of ARP 4754 and ARP 4761; understand the key concepts and objectives of functional hazard assessment, fault tree analysis, failure modes and effects analysis, and common cause analysis; and know the objectives and purpose of a preliminary system safety assessment and a system safety assessment and understand what tools are applicable to each.

Prerequisites: None
And one of the following: None

25810 Stress Analysis

Training Manager: AMA-220 Course Length: 3 hour(s)

(Self-study video). This mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will have an understanding of the basic concepts and principles of stress analysis, to include: the applicability of Newtonian physics; the needs to establish static balance; the need to validate analytical methods; the need to evaluate the effects of assumptions; the need to evaluate whether analysis is appropriate or if a test is necessary; the relationship of stress analysis to sub parts C and D; and the evaluation of the effect of stress on the aircraft.

Prerequisites: None
And one of the following: None

25811 Advanced Communications

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. Participants will be able to: understand the certification role in the implementation of data communication systems for air traffic services; understand the relationship among the various FAA organizations involved in deploying data communication systems and providing air traffic services; understand and participate in the coordination process within the FAA for implementing data communication systems; and review aircraft data communication systems for regulatory compliance.

Prerequisites: None
And one of the following: None

25812 Automatic Flight Controls

Training Manager: AMA-220 Course Length: 5 hour(s)

(Self-study video). This mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. The participant will be able to: understand basics of automatic flight control systems; FAR's/AC's related to automatic flight control design certification; important concepts and approaches used in design for safety and protection against failures; basics of aerodynamic flight controls and consequences for AFC design, concepts of stability, and trim and control augmentation functions; AFC system architecture evolution; various modes of AFCS; overview of control systems theory; fly-by-wire system concepts; and what's coming in the future.

Prerequisites: None
And one of the following: None

25813 Digital Flight Data Recorder

Training Manager: AMA-220 Course Length: 3 hour(s)

(Self-study video). This mini-course is one in a series of overviews of technical topics for electrical systems engineer. Participants will be able to: identify and use the appropriate FAR parts for certifying digital flight data recorders (DFDR's); understand the new advisory material on certifying and maintaining DFDR's; and understand the compliance issues that have been problematic in the past.

Prerequisites: None
And one of the following: None

25814 Low Visibility/Auto Pilot

Training Manager: AMA-220 Course Length: 5 hour(s)

(Self-study video). This mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. Participants will be able to: recognize the architecture, system integrity, and pilot interface for autopilots; discuss analyses the applicant prepares for FAA system engineers; discuss functions required for fail-passive and fail-operational designs for autoland and rollout flight phases; discuss Monte Carlo simulation, simulation models and validation of aerodynamic and flight control systems; discuss wind turbulence models; and discuss representative fault hazard assessment determined criticality for fail-operational and fail-passive systems.

Prerequisites: None
And one of the following: None

25815 Advanced Navigation

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. Participants will be able to: identify the key FAR parts and associated guidance material that are applicable to navigation certification projects; understand the relationship between airworthiness and operational approvals; understand the role of TSO's and industry standards in the certification process; understand the relationship between aircraft and operational phases of flight navigation requirements; and understand the aircraft flight control/navigation system integration issues, operations and certification basis.

Prerequisites: None
And one of the following: None

25816 Complex Electronic Hardware

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. Participants will be able to: explain various types of complex electronic hardware; describe current policy and practices of complex electronic hardware;

explain the current industry and government development of guidance; and describe future FAA activities and plans.

Prerequisites: None
And one of the following: None

25817 Icing

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is one in a series of overview s of technical topics in the systems engineering curriculum. Participants w ill be able to: understand w hy ice protection systems are required; ice protection systems designs and considerations; lessons learned from safety records; ice detector utilization; initiatives addressing lessons learned and know ledge shortfalls; current and future resources to understand means of regulatory compliance; and approval processes.

Prerequisites: None
And one of the following: None

25819 Using the Software Job-Aid to Conduct Software Reviews

Training Manager: AIR-130 Course Length: 4 hour(s)

(Self-study video). This mini-course is designed for engineers and inspectors w ho have experience in conducting softw are review s. The training focuses on how to use a new ly developed softw are job aid. The job aid is a tool to be used by engineers and inspectors w ho, as a team, conduct softw are review s prior to certification. Participants w ill be able to: describe the job aid tasks, processes, and activities; explain the four stages of involvement; identify how to tailor the job aid for different projects; and describe how findings and observations are documented.

Prerequisites: None
And one of the following: None

25820 Aircraft Certification's New Software Policy

Training Manager: AIR-130 Course Length: 8 hour(s)

(Self-study video). This mini-course is designed for engineers w ho are responsible for softw are approvals. It provides an overview of aircraft certification's new softw are notices. Engineers responsible for softw are approvals to FTCA DO-1788 w ill use this policy for performing softw are evaluations and approvals. Subjects include: field loadable softw are approval; production manufacturer approval for field loadable softw are; approval of legacy systems involving softw are changes; the softw are review process; level D and previously developed softw are approval; user modifiable softw are approval; softw are tool qualification; and minor versus major softw are changes.

Prerequisites: None
And one of the following: None

25821 JAA/FAA Validation Principles

Training Manager: AIR-510 Course Length: 8 hour(s)

(Self-study video). This mini-course presents the principles and general process for validation. The focus is on the new concept of the validation item and on the validating authority formally identifying and justifying specific areas in w hich they w ill be making findings of compliance. Topics include: history of international cooperation; validation principles, concepts and key terms; four phases in a validation process; post-type validation design change; and continued airw orthiness. The JAA and the FAA jointly developed the course.

Prerequisites: None
And one of the following: None

25822 ACSEP Update, Revision A Brings Improvement to the Program

Training Manager: AMA-220 Course Length: 4 hour(s)

(Self-study video). This mini-course is designed to provide an overview of policy changes required by revision A to Order 8100.7 and review lessons learned and best practices. Participants w ill be able to: conduct ACSEP evaluations in accordance w ith current policy and best practices; report ACSEP evaluation results in the new ly-required format; and gain efficiency through the know ledge gained from lessons learned.

Prerequisites: None
And one of the following: None

25823 Software Change Impact Analysis Policy

Training Manager: AIR-510 Course Length: 4 hour(s)

This self-study course provides an overview of AIR's new notice on using the softw are change impact analysis to help in the classification of a softw are change as 'major' or 'minor'. Topics include; importance of review ing softw are change processes; softw are change impact analysis; regression testing; and major/minor change classification process.

Prerequisites: None
And one of the following: None

25824 Air Software Conformity Policy

Training Manager: AIR-510 Course Length: 4 hour(s)

Provides an overview of AIR's new notice on guidelines for softw are conformity inspection and review . This policy applies to review s and inspections related to type certificates, supplemental type certificates,

amended type certificates, and technical standard order authorizations.

Prerequisites: None
And one of the following: None

25825 Software Reuse

Training Manager: AIR-510 Course Length: 8 hour(s)

This presentation will explain what software reuse is and why it is desirable for applicants. Safety concerns associated with using software reuse will also be discussed. Some of the FAA activities in the area of software reuse will be explained along with a description of the new technologies that enable software reuse.

Prerequisites: None
And one of the following: None

25826 Modified Condition/Decision Coverage (MC/DC)

Training Manager: AIR-510 Course Length: 4 hour(s)

This presentation will explain the purpose, function, and operation of MC/DC. It will describe the kinds of MC/DC addresses and explain the process of evaluating an applicant's MC/DC data. It will also briefly cover some of the advanced MC/DC topics.

Prerequisites: None
And one of the following: None

25827 Aircraft Wiring Practices (Self-Study)

Training Manager: AMA-220 Course Length: 8 hour(s)

This training will deliver a detailed presentation of all aspects of wiring practices. It covers applicable 14CFRs, policy, and industry practices in the area of wiring. Primary factors associated with wire degradation will be introduced. Information on TC/STC data package requirements, wire selection and protection, routing, splicing, and termination practices are included. This training also covers wiring maintenance concepts, including how to perform a wiring general visual inspection. The instructors will use actual aircraft wiring video clips, numerous examples, and photos.

Prerequisites: None
And one of the following: None

25829 Changed Product Rule Implementation (Self-Study)

Training Manager: AIR-510 Course Length: 12 hour(s)

This course describes the meaning of the changes contained in the new Rule 21.101 and how these changes are used to establish the

certification basis for a changed product. Course content explains what a changed product is and details possible exceptions an applicant may use for not choosing to implement the Rule. This includes determination of whether or not the change is significant. Other exceptions include not affected areas, not contribute materially to the level of safety, and whether the change is impractical.

Prerequisites: None
And one of the following: None

25830 Understanding AIR's Software Approval

Training Manager: AIR-510 Course Length: 4 hour(s)

This course provides an overview of the software approval activities performed by FAA certification engineers. It also describes issues associated with managing resources to carry out the software approvals.

Prerequisites: None
And one of the following: None

25831 STC Validation Under Bilateral Agreements

Training Manager: AIR-510 Course Length: 4 hour(s)

This course provides an overview of supplemental type certificates (STC) validation. It reviews requirements for STC validations and procedures for processing requests. It also explains PMA acceptance support provisions of bilaterals.

Prerequisites: None
And one of the following: None

25832 ACSEP Order 8100.7, Revision B

Training Manager: AMA-220 Course Length: 2 hour(s)

This 2-hour course will introduce Revision B changes to FAA Order 8100.7, Aircraft Certification Systems Evaluation Program. The training will cover Revision B changes and the replacement of findings and observations by noncompliances. The training will cover the reasons for the Revision B change. It will cover changes to Appendix 14 System Elements and Criteria; changes to the applicability box; and changes to FAA Form 8100-4. It will also overview what has not changed in order 8100.7. The training will also discuss definitions of noncompliances and changes to Form 8100-6. The ATN participants will work several exercises using the new FAA Form 8100-6.

Prerequisites: 21415
And one of the following: None

25833 Time-Limited Dispatch -- Self Study

Training Manager: AIR-510 Course Length: 8 hour(s)

This course will introduce participants to the concept, purpose, policies, and history underlying time-limited dispatch (TLD), as well as to analysis techniques (fault tree and Markov modeling for reliability). TLD applies to engines fitted with full authority digital electronic controls (FADEC). It is a method of allowing dispatch for a short interval with a redundant system that has one or more failed elements that individually or in combination do not prohibit function within the system of an airplane. TLD is an element of engine certification. Policy for FADEC system TLD sets a common standard for engine control reliability.

Prerequisites: None
And one of the following: None

25834 Integrated Modular Avionics (Self-Study)

Training Manager: AIR-510 Course Length: 8 hour(s)

This course provides an overview of the FAA's new Technical Standard Order (TSO), C153, and Advisory Circular (AC) on integrated modular avionics (IMA). It will describe technical topics within the IMA AC, keys to improving IMA Systems, and future trends in IMA technology.

Prerequisites: None
And one of the following: None

25835 Aircraft Electromagnetic Compatibility (EMC)

Training Manager: AIR-510 Course Length: 3 hour(s)

Some of the goals for this class are: identify the goals of an aircraft EMC and identify EMC factors that need to be considered when evaluating an application for certification. Example of considering the application is: Given a particular aircraft (23, 25, 27, or 29), identify regulatory requirements that form a framework for evaluating the aircraft's EMC. Describe key factors in each of the following: Four approaches to aircraft EMC verification and identify the advantages and disadvantages of each.

Prerequisites: None
And one of the following: None

25836 Software Reuse in Airborne Systems (Self-Study)

Training Manager: AIR-510 Course Length: 16 hour(s)

This self-study course provides an overview of technical topics and safety issues related to software reuse and the FAA's policy and guidance. It also explains industry's motivation for pursuing software reuse.

Prerequisites: None
And one of the following: None

25837 Bloodborne Pathogens Awareness (Self-Study)

Training Manager: AIR-510 Course Length: 1 hour(s)

This self-study video course describes the hazards of bloodborne pathogens while performing aircraft accident investigation. The various bloodborne pathogens are described and there is a discussion of the vaccination for hepatitis B. The course outlines the process for conducting an accident investigation to minimize the exposure to bloodborne pathogens, and covers the use and danger of wearing biohazard gear. It fulfills the training requirement specified by FAA Order 8020.11B. It is required for employees identified as being subject to call-out to support an accident responses 'go team'.

Prerequisites: None
And one of the following: None

25838 Working W/European Community and New EASA (AIR) (Self Study)

Training Manager: AIR-510 Course Length: 6 hour(s)

This course provides information for conducting business with the European community under the regulatory authority of the European Aviation Safety Agency (EASA). The training discusses the structure of EASA and the interface between AVR, EASA, and the National Airworthiness Authorities (NAAS) during the transition. The course is targeted for AIR. There is a similar course for AFS.

Prerequisites: None
And one of the following: None

25839 Working W/European Community and New EASA (AFS) (Self Study)

Training Manager: AIR-510 Course Length: 4 hour(s)

This course provides information for conducting business with the European community under the regulatory authority of the European Aviation Safety Agency (EASA). The training discusses the structure of EASA and the interface between AIR, EASA, and National Airworthiness Authorities (NAAS) during the transition. This course is targeted for AFS. There is a similar course for AIR.

Prerequisites: None
And one of the following: None

25900 Real Time Software Development

Training Manager: AIR-510 Course Length: 40 hour(s)

This course provides knowledge of the concepts, methods, tools, and solutions when dealing with safety-critical, software-intensive, real-time systems. As a result of this training, participants will understand the concepts of real-time process and control and see the computer as a real-time machine. They will understand the real-time software

development lifecycle, modern software engineering methodologies, tools, notations, processes, and development platforms. The training focuses on DO178B material relevant to the real-time system design and implementation. Concepts of time-critical computing, concurrency and multitasking, exception handling, scheduling, and safety are covered.

Prerequisites: 21030, 21045
And one of the following: None

25901 Airframe Engineering Design Approval Tasks

Training Manager: AMA-220 Course Length: 32 hour(s)

Two major tasks that an FAA airframe engineer should know about certification projects are design approval and technical project management. This course offers a self-study environment for design approval task that helps you carry out your certification duty effectively.

Prerequisites: 21936, 21016
And one of the following: None

25950 Changed Product Rule Implementation (Field Conducted)

Training Manager: AIR-510 Course Length: 16 hour(s)

This course describes the meaning of the changes contained in the new Rule 21.101, and how these changes are used to establish the certification basis for a changed product. Course content explains what a changed product is and details possible exceptions an applicant may use for not choosing to implement the Rule. This includes the determination of whether or not the change is significant. Other exceptions include not affected area, does not contribute materially to the level of safety, and whether the change is impractical.

Prerequisites: None
And one of the following: None

25951 Software Job Functions - Comm/Nav/Surveillance (DO-178B)

Training Manager: AIR-510 Course Length: 40 hour(s)

This course is designed specifically for software engineers who are involved in software certification projects involving communication, navigation, and surveillance systems (CNS) (ground-based and airborne systems). It will assist CNS staff to work better with integrated product teams and their contractors. The course material has been adapted from the software job functions course (course 21045) and is tailored specifically to meet the needs of those CNS employees involved in software work. It explains in detail the objectives contained in DO-178B and the need for an applicant to show that software developed is in compliance with the objectives outlined in DO-178B.

Prerequisites: 21030
And one of the following: None

25952 Software Job Functions - Comm/Nav/Surveillance (Application)

Training Manager: AIR-510 Course Length: 32 hour(s)

This course is designed to build on the software job functions - CNS (guidance) course. It applies the knowledge of RTCA software guidance in conducting software reviews using the software job aid. Exercises and cases will be presented to practice the required skills needed for being part of software review team. This course was adapted from the software job functions course (#21045) and tailored to meet the training needs of those who work on CNS software projects. Topics include: role in software reviews, software job aid, and software review stages of involvement.

Prerequisites: 25951
And one of the following: None

25953 Core CMIS Training

Training Manager: AIR-510 Course Length: 12 hour(s)

The core Certificate Management Information System (CMIS) training provides users with step-by-step instructions on how to perform all general functions in the CMIS System.

Prerequisites: None
And one of the following: None

27000 (CBI) Nondestructive Inspection for ASI's

Training Manager: AMA-200 Course Length: 4 hour(s)

This course is for aviation safety inspector's (ASI) (manufacturing and airworthiness) who certify and perform quality assurance audits or surveillance of NDT facilities and operators and structural and engine certification engineers who require knowledge of NDI techniques. The course provides training in the role of NDI in aviation, six basic NDI methods (visual, penetrant, magnetic particle, eddy current, ultrasonics, and radiography), certification, and audit/evaluation of NDI facilities.

Prerequisites: None
And one of the following: None

27001 (CBI) B747-400 Aircraft Systems

Training Manager: AMA-260 Course Length: 24 hour(s)

This course provides training on the Boeing 747-400 aircraft systems. The course contains lessons on 15 major aircraft systems such as electrical, hydraulic, pneumatic, landing gear, and others. The course displays system schematics and relates aircraft cockpit

controls and indicators to the system operation. This off-the-shelf CBI course was acquired from the aviation industry and not specifically designed for the FAA. Course contents contain copyrighted material and may not be duplicated.

Prerequisites: None
And one of the following: None

27002 (CBI) B747-400 Avionics and FMS

Training Manager: AMA-260 Course Length: 24 hour(s)

This course provides training for the Boeing 747-400 avionics system such as electronic flight instruments (EFIS), radio navigation, autoflight, and autopilot. The course also includes descriptions of the flight management system and how it is used in concert with the mode control panel (MCP) and control display unit (CDU) to conduct lateral and vertical navigation and manage other automated aircraft functions. This off-the-shelf CBI course was acquired from the aviation industry and was not specifically designed for the FAA. Course contents contain copyrighted material and may not be duplicated.

Prerequisites: None
And one of the following: None

27003 (CBI) B747-400 Abnormal Procedures

Training Manager: AMA-260 Course Length: 9 hour(s)

This course provides training for procedures followed by pilots when malfunctions occur in the Boeing 747-400 aircraft systems. Abnormal procedures for ten systems comprise the course, including fuel, engines, electrical, avionics, and hydraulics. This off-the-shelf course was acquired from the aviation industry and was not specifically designed for the FAA. Course contents contain copyrighted material and may not be duplicated.

Prerequisites: None
And one of the following: None

27004 (CBI) Boeing 747-400 Systems Simulation

Training Manager: AMA-260 Course Length: 8 hour(s)

This is open-ended freeplay simulations of 14 Boeing 747-400 aircraft systems. Control panels are presented with representations of aircraft synoptics available from the engine indicating and crew alerting systems (EICAS) or other representations of system operating indications available to the flight crew. Students have the opportunity to configure systems under normal or abnormal conditions and observe system operating indications. There is no time limit and no grade for this course. Completion time varies by student interest. This off-the-shelf CBI course was acquired from the aviation industry and was not designed specifically for the FAA. Course content is copyrighted.

Prerequisites: None
And one of the following: None

27005 (CBI) FSDO Aviation Safety Assistant

Training Manager: AMA-260 Course Length: 60 hour(s)

This CBI course is designed primarily for new aviation safety assistants and administrative personnel assigned to a flight standards district office (FSDO). Sixty lessons and additional exercises provide basic job skills needed to: maintain control systems and assist in preparation and coordination of various reports, certificates, and designations; coordinate and direct programs and projects related to the enforcement information system; locate information in FSDO filing records and the FAA directives system; and use the advisory check list.

Prerequisites: None
And one of the following: None

27006 (CBI) B737-300/500 Systems and Abnormal Procedures

Training Manager: AMA-260 Course Length: 20 hour(s)

This course provides training for the Boeing 737-300/500 aircraft systems and includes both normal and abnormal procedures. The course contains lessons on 15 major aircraft systems schematics and relates aircraft cockpit controls and indicators to system operations. This off-the-shelf CBI course was acquired from the aviation industry and was not designed specifically for FAA. Course contents contain copyrighted material and may not be duplicated.

Prerequisites: None
And one of the following: None

27007 (CBI) B737/500 Avionics and FMS

Training Manager: AMA-260 Course Length: 20 hour(s)

This course provides training for Boeing 737-300/500 avionics systems which include electronic flight instruments (EFIS), lateral navigation, autoflight, and autopilot. The course also includes lessons on the flight management system (FMS), the FMS control display unit and warning systems, and flight instruments. This off-the-shelf CBI course was acquired from the aviation industry and was not specifically designed for the FAA. Course contents contain copyrighted material and may not be duplicated.

Prerequisites: None
And one of the following: None

27008 (CBI) B737-400 Systems and Abnormal Procedures

Training Manager: AMA-260 Course Length: 25 hour(s)

This course provides training for the Boeing 737-400 aircraft systems and includes both normal and abnormal procedures. The course contains lessons on 15 major aircraft systems including electrical, hydraulic, pneumatic, landing gear, and others. The course displays system schematics and relates aircraft cockpit controls and indicators to system operation. This off-the-shelf course was acquired from the aviation industry and was not designed specifically for the FAA. Course content contains copyrighted material and may not be duplicated.

Prerequisites: None
And one of the following: None

27009 (CBI) B737-400 Avionics and Flight Management Systems

Training Manager: AMA-260 Course Length: 30 hour(s)

This course provides training for Boeing 737-400 avionics systems which include electronic flight instruments (EFIS), lateral navigation, autoflight, and autopilot. The course also includes lessons on the flight management systems (FMS), flight instruments, communication systems, and warning systems. This off-the-shelf CBI course was acquired from the aviation industry and was not specifically designed for the FAA. Course content contains copyrighted material and may not be duplicated.

Prerequisites: None
And one of the following: None

27012 (CBI) IFO Part 145 Certification Under BASA/MIP

Training Manager: AMA-260 Course Length: 10 hour(s)

This course is designed for airworthiness inspectors who have responsibility in conducting domestic repair station inspections. The objective of this training is to prepare FAA principal inspectors to certificate a JAR 145 approved maintenance organization (AMO) as an FAA approved repair station. At the completion of the training, the students will be prepared to successfully implement their responsibilities to certificate an AMO in accordance with the maintenance implementation procedures (MIP) of a bilateral aviation safety agreement (BASA). Successful completion of this course is required prior to conducting activities under a BASA/MIP. This course replaces CBI course 25028.

Prerequisites: None
And one of the following: None

27013 (CBI) Cargo Inspection and Surveillance

Training Manager: AMA-260 Course Length: 6 hour(s)

This training provides aviation safety inspectors (maintenance and operations) with information on cargo-related issues; current cargo-

related applications and guidance; and the steps involved in performing inspections and surveillance of certificate holders' cargo-associated activities. The seven lessons contain information about off-site inspection/surveillance activities; communication and document review; cargo equipment and restraint systems; load manifest and weight and balance; airworthiness and safety equipment; and cargo loading and placement. After completing the course, the inspector should be able to prepare for and conduct a cargo-related inspection and surveillance.

Prerequisites: None
And one of the following: None

27015 (CBI) Suspected Unapproved Parts Recurrent

Training Manager: AMA-250 Course Length: 4 hour(s)

This course is supplementary and refresher training for experienced engineers, aviation safety inspectors (ASI), supervisors, managers, or others who have successfully completed course 28560 and/or 21026, Suspected Unapproved Parts (SUP); or supervisors and managers in need of an overview of the SUP issues. The goal of SUP training is to contribute to the successful identification and investigation of suspected unapproved parts.

Prerequisites: None
And one of the following: None

27016 (CBI) Global Positioning System (GPS) Overview

Training Manager: AMA-260 Course Length: 6 hour(s)

This course provides an introduction to the components and uses of GPS including general system design and operations, operational theory, and the uses of GPS along with its current and future integration within the NAS. Lessons cover segments of the GPS, civilian uses of GPS, overall configuration and operation of GPS, development of GPS, tiers of position information data, the precise positioning service for military and other approved users, standard positioning service for general civilian use, GPS augmentations, receiver autonomous integrity monitoring (RAIM), fault detection and exclusion, and local and wide-area differential GPS augmentation systems.

Prerequisites: None
And one of the following: None

27017 (CBI/WEB) Labor Distribution Reporting (LDR)

Training Manager: AMA-260 Course Length: 4 hour(s)

This course is designed for all FAA AVR employees. The course teaches the LDR process for collecting and submitting data on the time and labor cost employees spend working on projects and activities. Separate modules address the functions of manager, administrator, employee, and timekeeper.

Prerequisites: None
And one of the following: None

27018 (CBI/WEB) LDR for Timekeepers

Training Manager: AMA-260 Course Length: 2 hour(s)

This is a WEB delivered course. It was developed in preparation for implementation of the FAA WEB labor distribution reporting (LDR) system. The four modules specifically teach the procedures of a WEB LDR timekeeper. The modules include LDR system overview, LDR data input cycle, LDR data entry procedures, and LDR alternative entry procedures. The student should also complete Course 27017, Labor Distribution Reporting (LDR).

Prerequisites: 27017
And one of the following: None

27030 (CBI) Roles and Tools for the Airworthiness ASI

Training Manager: AMA-200 Course Length: 4 hour(s)

This course is for new airworthiness aviation safety inspectors (ASI). The material provides an overview of an airworthiness inspector's role and identifies regulations and resources for the inspector. The course consists of six lessons: 1) history and organization of the FAA and Flight Standards and an overview of the current FAA organization; 2) airworthiness terminology and Order 8300.10; 3) ASI - roles, responsibilities, and career paths; 4) ASI tools; 5) reference materials including Title 49, CFRs, FAA directives, and ACS; and 6) 14 CFR parts 39, 43, and 91. This course is a prerequisite to airworthiness indoctrination.

Prerequisites: None
And one of the following: None

27900 (IVT) Introduction to Computer Science

Training Manager: AMA-220 Course Length: 8 hour(s)

This course provides an overview of the basic computer concepts, principles, and terminology and their relationship to aircraft. Knowledge of computers and their importance to aircraft is essential to engineers and inspectors in the evaluation and oversight of the software development process. This is the first lesson of the software fundamentals course which provides the foundation for more advanced software courses.

Prerequisites: None
And one of the following: None

27901 Aircraft and Engine Fundamentals

Training Manager: AMA-220 Course Length: 80 hour(s)

This course is for new Aircraft Certification Service employees who possess little or no aviation background or whose experience is highly specialized or narrow. The course materials consist of numerous reference manuals and documents with assigned readings. This training is entirely self study and is designed to be used in the office during the first few months on the job. This course includes aviation history, principles of flight, terminology and definitions, components and systems, basic flight operations, physiology, and human factors.

Prerequisites: None
And one of the following: None

27902 Introduction to Civil Aircraft Certification

Training Manager: AMA-220 Course Length: 24 hour(s)

This seminar is primarily for both military and civilian government groups who lease or purchase off-the-shelf civil-certified aircraft, aircraft engines, and props. Subject areas include the mission and organization of FAA and the aircraft certification service (AIR); the roles and responsibilities of AIR technical specialists; introduction to continued airworthiness and Title 14, Code of Federal Regulations; accessing AIR directives, advisory circulars, and policy guidance; requirements for design, production and airworthiness certifications programs; introduction to supplemental type certificates, parts manufacturer approvals, and technical standard order authorizations.

Prerequisites: None
And one of the following: None

27903 FAR Part 21 Seminar

Training Manager: AMA-220 Course Length: 24 hour(s)

Part 21 is the regulation that enables the Aircraft Certification Service (AIR) to conduct its certification responsibilities under Title 49 of the US Code. This seminar will present Part 21 in detail, along with other critical areas for AIR. The topics to be presented are overview of AIR and Part 21, design approvals, production approvals, combined design and production approval (PMA/TSOA), airworthiness approval, delegations and designees, continued operational safety, compliance and enforcement, and international programs.

Prerequisites: None
And one of the following: None

27904 (CBI) Systems Engineering Tasks

Training Manager: AMA-220 Course Length: 40 hour(s)

This course is intended for systems engineers involved in the certification of airborne electrical/avionics and mechanical systems. This course provides training for FAA systems engineers in performing their design approval technical project management job tasks. This training is a requirement and adjunct to classroom training on the airworthiness standards (14CFR) in Course 21018, Systems Engineering Job Functions. The course media provides a permanent

on-the-job reference.

Prerequisites: 21016
And one of the following: 21936, 21660

27905 Applying Lessons Learned From Accidents

Training Manager: AMA-220 Course Length: 32 hour(s)

This course examines a number of in-depth accident case studies and summaries from selected accidents involving large transport category airplanes. The focus of this examination is to highlight precursors to these accidents, provide insight into how these accidents affected rule changes, and ultimately, to apply the lessons learned from these accidents to prevent accidents. This training is for Aircraft Certification Service (AIR) engineers and flight test pilots, private industry designated engineering representatives (DERS) and delegated organization (DAS, DOA) staff members.

Prerequisites: None
And one of the following: None

27936 AIR Indoctrination Basics

Training Manager: AMA-220 Course Length: 22 hour(s)

This web-based course is intended to provide the Aircraft Certification Service's (AIR) new employees with an overview of the general knowledge they will require to perform their jobs effectively. Subjects include: AIR's mission, vision and values, roles and responsibilities, regulations and policy, type, production and airworthiness certification, continued operation of safety management, international considerations, and designees and delegations.

Prerequisites: None
And one of the following: None

27951 (CBI) Propulsion Engineering Tasks

Training Manager: AMA-220 Course Length: 40 hour(s)

This course provides training for propulsion engineers in performing their design approval and technical project management job tasks. This training is a prerequisite to classroom training on the airworthiness standards (14 CFR) in course 21021. The course media provides a permanent on-the-job reference.

Prerequisites: None
And one of the following: None

27952 (CBI) Technical Project Mgmt for Aviation Safety Engineers

Training Manager: AMA-220 Course Length: 20 hour(s)

This CBI course provides training on type certification project manager

roles and responsibilities, whether managing a large project team or executing a one-person project. Some of the topics include the project manager's role in: partnership for safety plan, project specific certification plan, certification project notification, overseeing certification activity and status, certification basis, certification program plan, issue papers and books, compliance checklist, type board meetings, type inspection authorizations, and certificate preparation.

Prerequisites: 21660
And one of the following: None

27953 Aircraft Certification Service Seminar

Training Manager: AMA-220 Course Length: 36 hour(s)

Through lecture and instructor-lead activities the student will be introduced to: FAA Aircraft Certification Service overview; history and organizations; regulations and guidance; certification programs; continued operational safety; designees and delegations; and international activities.

Prerequisites: None
And one of the following: None

28000 B-737-200 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 136 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Boeing 737 (100/200). Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28001 B-737-200 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 64 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 737-(100/200).

Prerequisites: 28000
And one of the following: 21607, 21632

28002 B-747 Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 141 hour(s)

This course is primarily designed for initial qualification and

standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Boeing 747. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator. Student must have FE Turbojet or have FE Turbojet written passed.

Prerequisites: None
And one of the following: 21607, 21632

28003 B-747 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 62 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 747.

Prerequisites: 28002
And one of the following: 21607, 21632

28004 DC-8 Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 185 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DC-8. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator. Student must have FE turbojet or have FE turbojet written passed.

Prerequisites: None
And one of the following: 21607, 21632

28005 DC-8 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 60 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DC-8.

Prerequisites: 28004
And one of the following: 21607, 21632

28006 BAC-111 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 38 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in

the BAC-111.

Prerequisites: 28036
And one of the following: 21607, 21632

28007 Falcon 20 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 28 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Falcon DA-20.

Prerequisites: 28037
And one of the following: 20700, 20702

28008 DHC-6 Twin Otter Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 58 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require proficiency in the DHC-6.

Prerequisites: 20056
And one of the following: 20700, 20702

28009 Embraer ERJ-145 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 184 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Embraer ERJ-145. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28012 L-382 Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 156 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose duties require a type rating in the L-382. Student must have FE turboprop or have FE turboprop written passed.

Prerequisites: None
And one of the following: 21607, 21632

28013 L-382 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 24 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the L-382.

Prerequisites: 28012
And one of the following: 21607, 21632

28015 Embraer ERJ-145 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 68 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Embraer ERJ-145.

Prerequisites: 28009
And one of the following: 21607, 21632

28016 Embraer EMB-120 Initial Qualification

Training Manager: AMA-260 Course Length: 121 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the EMB-120.

Prerequisites: None
And one of the following: 20700, 20702

28017 F-27/FH-227 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 118 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the F-27/FH-227.

Prerequisites: None
And one of the following: 21607, 21632

28018 F-27/FH-227 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 34 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in

the F-27/FH-227.

Prerequisites: 28017
And one of the following: 21607, 21632

28019 DC-9 Initial Qualification

Training Manager: AMA-260 Course Length: 152 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DC-9. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607

28020 Nihon YS-11 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 104 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the YS-11.

Prerequisites: None
And one of the following: 21607, 21632

28021 Nihon YS-11 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 32 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the YS-11.

Prerequisites: 28020
And one of the following: 20700, 21607, 20702

28022 S-58 Helicopter Recurrent Qualification

Training Manager: AMA-260 Course Length: 14 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the S-58.

Prerequisites: 28097
And one of the following: 20700, 20702

28023 S-61 Helicopter Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 36 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the S-61.

Prerequisites: [28164](#)
And one of the following: [20700](#), [21607](#), [20702](#)

28024 S-61 Helicopter Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 16 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the S-61.

Prerequisites: [28023](#)
And one of the following: [20700](#), [21607](#), [20702](#)

28025 Gulfstream II Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 70 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Gulfstream G-II.

Prerequisites: **None**
And one of the following: [20700](#), [20702](#)

28026 Gulfstream II Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 28 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Gulfstream G-II.

Prerequisites: [28025](#)
And one of the following: [20700](#), [20702](#)

28029 BAE-41 Jetstream Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 96 hour(s)

Primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the BAE-41 Jetstream.

Prerequisites: **None**
And one of the following: [20700](#), [20702](#)

28033 Sikorsky SK-64 Helicopter Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 56 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose duties require a type rating in the Sikorsky SK-64.

Prerequisites: [28164](#)
And one of the following: [20700](#), [20702](#)

28034 DC-10 Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 138 hour(s)

Prerequisite can be turbojet type rating. This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DC-10. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: **None**
And one of the following: [21607](#), [21632](#)

28035 DC-10 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 60 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DC-10.

Prerequisites: [28034](#)
And one of the following: [21607](#), [21632](#)

28036 BAC-111 Initial Qualification

Training Manager: AMA-260 Course Length: 104 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the BAC-111.

Prerequisites: **None**
And one of the following: [21607](#), [21632](#)

28037 Falcon 20 Initial Qualification

Training Manager: AMA-260 Course Length: 72 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight

personnel whose official duties require a type rating in the Falcon DA-20.

Prerequisites: None
And one of the following: 20700, 20702

28039 Hawker Siddeley HS-125 Initial Qualification

Training Manager: AMA-260 Course Length: 90 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the HS-125.

Prerequisites: None
And one of the following: 20700, 20702

28040 Aerospatiale ATR-42 Initial Qualification

Training Manager: AMA-260 Course Length: 154 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the ATR-42. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28043 BAE-41 Jetstream Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 28 hour(s)

Course primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require the maintenance of flight proficiency in the BAE-41 Jetstream.

Prerequisites: 28029
And one of the following: 20700, 20702

28044 DHC-6 Twin Otter Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 23 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DHC-6.

Prerequisites: 28008
And one of the following: 20700, 20702

28046 L-1011 Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 145 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the L-1011. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator. Student must have FE turbojet or have FE turbojet written passed.

Prerequisites: None
And one of the following: 21607, 21632

28047 L-1011 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 60 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the L-1011.

Prerequisites: 28046
And one of the following: 21607, 21632

28049 CV-600/640 Recurrent Qualification

Training Manager: AMA-260 Course Length: 30 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Convair CV-600/640.

Prerequisites: 28068
And one of the following: 21607, 21632

28050 DC-6 Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 152 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DC-6. The student must have a flight engineer reciprocating rating or must have passed the flight engineer reciprocating written test.

Prerequisites: None
And one of the following: 21607, 21632

28051 DC-6 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 70 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DC-6.

Prerequisites: 28050
And one of the following: 21607, 21632

28052 CV-340/440 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 120 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the CV-340/440.

Prerequisites: None
And one of the following: 21607, 21632

28053 CV-340/440 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 40 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the CV-340/440.

Prerequisites: 28052
And one of the following: 21607, 21632

28054 Glider Rating

Training Manager: AMA-260 Course Length: 31 hour(s)
This course will enable employees to obtain certification for the commercial and flight instructor glider.

Prerequisites: None
And one of the following: 20700, 20702

28055 Swearingen SA-226/227 Metroliner Initial Qualification

Training Manager: AMA-260 Course Length: 102 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Swearingen SA-226/227.

Prerequisites: None
And one of the following: 20700, 20702, 21607

28056 Seaplane Rating

Training Manager: AMA-260 Course Length: 7 hour(s)
This training certifies employees for the single engine seaplane class rating.

Prerequisites: None
And one of the following: 20700, 20702

28058 L-188 Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 120 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the L-188. Student must have FE turboprop or have FE turboprop written passed.

Prerequisites: None
And one of the following: 21607, 21632

28059 L-188 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 27 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the L-188.

Prerequisites: 28058
And one of the following: 21607, 21632

28061 DC-9 Recurrent Qualification

Training Manager: AMA-260 Course Length: 64 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DC-9.

Prerequisites: None
And one of the following: 21607, 21632, 28019, 20006

28062 B-707/720 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 64 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 707/720.

Prerequisites: 28120
And one of the following: 21607, 21632

28063 Boeing-727 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 60 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating and flight engineer qualification in the Boeing 727.

Prerequisites: None
And one of the following: 21607, 21632, 20007, 20107, 28093

28065 Jet Falcon 10 Initial Qualification

Training Manager: AMA-260 Course Length: 83 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Falcon DA-10.

Prerequisites: None
And one of the following: 20700, 20702, 21607

28068 CV-600/640 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 104 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Convair CV-600/640.

Prerequisites: None
And one of the following: 21607, 21632

28069 Dornier DO-328 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 152 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DO-328. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28071 Helicopter Instruments (Add On)

Training Manager: AMA-260 Course Length: 37 hour(s)

This training will enable students to obtain a helicopter instrument rating.

Prerequisites: 28164
And one of the following: 20700, 20702, 21607

28074 Dornier DO-328 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 71 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DO-328.

Prerequisites: 21607, 28069
And one of the following: None

28076 Astra 1125 Initial Qualification

Training Manager: AMA-260 Course Length: 79 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Astra 1125. All students programmed for this course must meet the regulatory requirements for 100% type certification in the simulator. No aircraft is available.

Prerequisites: None
And one of the following: 20700, 20702

28078 DHC-7 Initial Qualification

Training Manager: AMA-260 Course Length: 116 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DHC-7.

Prerequisites: None
And one of the following: 21607, 21632

28079 Bell BH-430 Initial Pilot Qualification

Training Manager: AMA-260 Course Length: 28 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require the maintenance of flight proficiency in the Bell BH-430 helicopter.

Prerequisites: 28164
And one of the following: 20700, 20702

28080 Aerospatiale ATR-42/72 Differences, Recurrent Qualification

Training Manager: AMA-260 Course Length: 72 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the ATR-42/72.

Prerequisites: 28040
And one of the following: 21607, 21632

28081 Airbus A330 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 200 hour(s)

This course will enable students to acquire a type rating for the Airbus A330 aircraft. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28083 Flight Test Pilot/Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 240 hour(s)

This course is primarily for flight test pilots, engineers, and project managers within the aircraft certification organization. It also provides overview training for systems, powerplant, and structural engineers. Material covers flight test principles, test procedures, and regulations. The course is available to flight test pilots and engineers in aircraft certification.

Prerequisites: None
And one of the following: 28093, 20007, 20107, 20113

28085 Balloon: Lighter-Than-Air (LTA)

Training Manager: AMA-260 Course Length: 52 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a commercial balloon rating. Students attending should have no physical problems that would prohibit them from assisting with moving, handling, and positioning of the balloon equipment.

Prerequisites: None
And one of the following: 20700, 20702

28086 Multiengine Seaplane Rating

Training Manager: AMA-260 Course Length: 11 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a multiengine seaplane rating.

Prerequisites: None
And one of the following: 20700, 20702

28088 Lear Jet 35/36 Recurrent Qualification

Training Manager: AMA-260 Course Length: 31 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require the maintenance of flight proficiency in the Lear Jet 35/36.

Prerequisites: 28450
And one of the following: 20700, 20702

28089 Embraer (EMB) 120 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 48 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the EMB-120.

Prerequisites: 28016
And one of the following: 20700, 20702

28092 Aerospatiale Utility Helicopter Training

Training Manager: AMA-260 Course Length: 48 hour(s)

This course will enable students to become familiar with the AStar 350 and Twin Star 355.

Prerequisites: 28164
And one of the following: 20700, 20702

28093 Boeing-727 Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 138 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating and flight engineer qualification in the Boeing 727. Students must be previously type rated in a turbojet airplane or otherwise meet the requirements of FAR 61 for unlimited type certification in a simulator. Student must have FE turbojet or have FE turbojet written passed.

Prerequisites: None
And one of the following: 21607, 21632

28097 S-58 Helicopter Initial Qualification

Training Manager: AMA-260 Course Length: 26 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the S-58.

Prerequisites: 28164
And one of the following: 20700, 21607, 20702

28098 CV-580 Initial Qualification

Training Manager: AMA-260 Course Length: 114 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the CV-580.

Prerequisites: None
And one of the following: 20700, 20702

28100 Bell 412 Helicopter Pilot Initial Training

Training Manager: AMA-260 Course Length: 63 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require proficiency in the Bell 412.

Prerequisites: 28164
And one of the following: 20700, 20702

28101 CV-580 Recurrent Qualification

Training Manager: AMA-260 Course Length: 28 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the CV-580.

Prerequisites: 28098
And one of the following: 20700, 20702, 21607

28102 DC-3 Initial Qualification (ATP)

Training Manager: AMA-260 Course Length: 68 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DC-3.

Prerequisites: None
And one of the following: 20700, 20702, 21607

28103 DC-3 Recurrent Qualification

Training Manager: AMA-260 Course Length: 22 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DC-3.

Prerequisites: 28102
And one of the following: 20700, 20702, 21607

28104 Jet Falcon 10 Recurrent Qualification

Training Manager: AMA-260 Course Length: 28 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Falcon DA-10.

Prerequisites: 28065
And one of the following: 20700, 20702

28107 A-300 Pilot and Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 148 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Airbus A300. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator. Student must have FE turbojet or have FE turbojet written passed.

Prerequisites: None
And one of the following: 21607, 21632

28108 A-300 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 148 hour(s)

This course is primarily designed for recurrent qualification and

standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Airbus A300.

Prerequisites: [28107](#)
And one of the following: [21607](#), [21632](#)

28111 DH-4A Initial Qualification

Training Manager: AMA-260 Course Length: 57 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DH-4A.

Prerequisites: **None**
And one of the following: [20700](#), [20702](#), [21607](#)

28112 DH-4A Recurrent Qualification

Training Manager: AMA-260 Course Length: 22 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DH-4A.

Prerequisites: [28111](#)
And one of the following: [20700](#), [20702](#), [21607](#)

28114 Jet Commander 1124 Recurrent Qualification

Training Manager: AMA-260 Course Length: 29 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Commander 1124.

Prerequisites: [28151](#)
And one of the following: [20700](#), [20702](#)

28116 Bell Helicopter Long Ranger (206I) Initial Qualification

Training Manager: AMA-260 Course Length: 27 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require proficiency in the Bell 206I.

Prerequisites: [28164](#)
And one of the following: [20700](#), [20702](#)

28117 DHC-7 Recurrent Qualification

Training Manager: AMA-260 Course Length: 40 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Dehavilland DHC-7.

Prerequisites: [28078](#)
And one of the following: [21607](#), [21632](#)

28118 Lear Jet 60 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 88 hour(s)

Designed for initial qualification of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Lear Jet 60. There is no flight available for this training. Must meet regulatory requirements for 100% check in the simulator.

Prerequisites: **None**
And one of the following: [20700](#), [20702](#)

28119 Learjet 60 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 30 hour(s)

Designed for recurrent qualification of aviation safety inspectors and other agency flight personnel whose official duties require maintenance of flight proficiency in the Learjet 60.

Prerequisites: [28119](#)
And one of the following: [20700](#), [20702](#)

28120 B-707/720 Pilot/Flight Engineer Initial Qualification

Training Manager: AMA-260 Course Length: 172 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Boeing 707/720. Student must have FE turbojet or have FE turbojet written passed.

Prerequisites: **None**
And one of the following: [21607](#), [21632](#)

28121 Helicopter Instrument Refresher

Training Manager: AMA-260 Course Length: 12 hour(s)

This course is designed to provide refresher training in helicopter instrument.

Prerequisites: 28071
And one of the following: 20700, 20702

28122 CASA 212 Initial Qualification

Training Manager: AMA-260 Course Length: 55 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the CASA 212.

Prerequisites: None
And one of the following: 20700, 20702

28123 CASA 212 Recurrent Qualification

Training Manager: AMA-260 Course Length: 31 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the CASA 212.

Prerequisites: 28122
And one of the following: 20700, 20702

28124 Cessna 525 Recurrent Pilot Qualification

Training Manager: AMA-260 Course Length: 26 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Cessna 525.

Prerequisites: 28247
And one of the following: 20700, 20702

28125 Lear Jet 20 Series Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 26 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Lear Jet 20.

Prerequisites: 28129
And one of the following: 20700, 20702

28127 MU-2 Recurrent Pilot Qualification

Training Manager: AMA-260 Course Length: 32 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the MU-2.

Prerequisites: 28285
And one of the following: 20700, 20702

28128 HS-125 (Model 700) Recurrent Qualification

Training Manager: AMA-260 Course Length: 30 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the HS-125 (700).

Prerequisites: 28039
And one of the following: 20700, 20702

28129 Lear Jet 20 Initial Qualification

Training Manager: AMA-260 Course Length: 55 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Lear Jet 20. All students programmed for this course must meet the regulatory requirements for 100% type certification in the simulator. No aircraft is available.

Prerequisites: None
And one of the following: 20700, 20702

28131 N-265 Sabreliner Recurrent Qualification

Training Manager: AMA-260 Course Length: 38 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Sabreliner 40. (Note: To receive FAR 61.58 proficiency check, students must have logged three takeoffs and landings in the aircraft within 90 days prior to course completion.)

Prerequisites: 28239
And one of the following: 20700, 21607, 20702

28133 HS125-800 Initial Qualification (FS)

Training Manager: AMA-260 Course Length: 91 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the HS 125-800.

Prerequisites: None
And one of the following: 20700, 20702

28135 Swearingen SA-226/227 Metroliner Recurrent Qualification

Training Manager: AMA-260 Course Length: 52 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Swearingen SA-226/227.

Prerequisites: 28055
And one of the following: 20700, 20702, 21607

28136 Embraer EMB-110 Initial Qualification

Training Manager: AMA-260 Course Length: 36 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the EMB-110.

Prerequisites: None
And one of the following: 20700, 21607, 20702

28137 Embraer EMB-110 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 18 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the EMB-110.

Prerequisites: 28136
And one of the following: 20700, 20702

28138 Bell Helicopter Long Ranger (206I) Recurrent Qualification

Training Manager: AMA-260 Course Length: 13 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Bell 206I.

Prerequisites: 28116
And one of the following: 20700, 20702

28139 B-767 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 155 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Boeing 767. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21632

28140 B-767 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 69 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 767.

Prerequisites: 28139
And one of the following: 21607, 21632

28141 B-757 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 157 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Boeing 757. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28142 B-757 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 70 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 757.

Prerequisites: 28141
And one of the following: 21607, 21632

28143 HS 125-800 Recurrent Qualification (FS)

Training Manager: AMA-260 Course Length: 30 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight

personnel whose official duties require maintaining flight proficiency in the HS 125-800.

Prerequisites: [28133](#)
And one of the following: [20700](#), [20702](#)

28146 Canadair CL-604 Initial Qualification

Training Manager: AMA-260 Course Length: 108 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Canadair CL-604.

Prerequisites: **None**
And one of the following: [20700](#), [20702](#)

28147 Cessna 441 Pilot Initial

Training Manager: AMA-260 Course Length: 61 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require proficiency in the Cessna 441.

Prerequisites: [20056](#)
And one of the following: [20700](#), [20702](#)

28148 Canadair CL-600 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 122 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the CL-600.

Prerequisites: **None**
And one of the following: [20700](#), [20702](#)

28149 Fokker F-28 Recurrent Qualification

Training Manager: AMA-260 Course Length: 60 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Fokker F-28.

Prerequisites: [28156](#)
And one of the following: [20700](#), [21607](#), [20702](#)

28151 Jet Commander 1124 Initial Qualification

Training Manager: AMA-260 Course Length: 84 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Commander 1124.

Prerequisites: **None**
And one of the following: [20700](#), [20702](#)

28153 Canadair CL-600 Recurrent Qualification

Training Manager: AMA-260 Course Length: 33 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the CL-600.

Prerequisites: [28148](#)
And one of the following: [20700](#), [20702](#)

28154 Canadair CL-604 Recurrent Qualification

Training Manager: AMA-260 Course Length: 32 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Canadair CL-604.

Prerequisites: [28146](#)
And one of the following: [20700](#), [20702](#)

28155 Gulfstream G-V Initial Qualification

Training Manager: AMA-260 Course Length: 122 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Gulfstream G-V. All students programmed for this course must meet the regulatory requirements for 100% type certification in the simulator. No aircraft is available.

Prerequisites: **None**
And one of the following: [20700](#), [20702](#)

28156 Fokker F-28 Initial Qualification

Training Manager: AMA-260 Course Length: 128 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Fokker F-28.

Prerequisites: None
And one of the following: 21607, 21632

28157 Cessna 550 Citation Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 77 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Cessna 550.

Prerequisites: None
And one of the following: 20700, 20702

28161 Beechcraft King Air B-200 Initial Qualification

Training Manager: AMA-260 Course Length: 45 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require proficiency in the Beechcraft 200.

Prerequisites: 20056
And one of the following: 20700, 20702

28162 Jet Falcon 50 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 115 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Falcon DA-50.

Prerequisites: None
And one of the following: 20700, 20702

28163 Jet Falcon 50 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 37 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Falcon DA-50.

Prerequisites: 28162
And one of the following: 20700, 20702

28164 Helicopter Initial Qualification (VFR)

Training Manager: AMA-260 Course Length: 100 hour(s)

This training will enable students to acquire commercial rotocraft-helicopter rating. Those requiring helicopter instructor rating should also complete Course 28232.

Prerequisites: None
And one of the following: 20700, 20702, 21607

28165 Helicopter Recurrent Qualification (VFR)

Training Manager: AMA-260 Course Length: 30 hour(s)

This training will enable students to maintain currency in both reciprocating and turbine powered helicopters.

Prerequisites: 28164
And one of the following: 20700, 20702

28168 Bell 214-ST Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 50 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Bell 214-ST.

Prerequisites: 28164
And one of the following: 20700, 20702

28169 Bell 214-ST Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 27 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Bell 214-ST.

Prerequisites: 28168
And one of the following: 20700, 20702

28170 Bell 222/230 Pilot Initial

Training Manager: AMA-260 Course Length: 64 hour(s)

This training will enable students possessing a helicopter ATP certificate to obtain a Bell 222 type rating. Commercial helicopter pilots will receive transition training.

Prerequisites: 28164
And one of the following: 20700, 20702

28171 Cessna 441 Turboprop Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 28 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Cessna 441.

Prerequisites: 28147
And one of the following: 20700, 20702

28173 Lear Jet 55 Pilot Initial

Training Manager: AMA-260 Course Length: 76 hour(s)

This course is designed for initial qualification of aviation safety inspectors and other agency flight personnel whose official duties require maintenance of flight proficiency in the Lear 55.

Prerequisites: None
And one of the following: 20700, 20702

28174 Cessna 650 Citation III Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 78 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Cessna 650.

Prerequisites: None
And one of the following: 20700, 20702

28175 Cessna 650 Citation III Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 24 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Cessna 650.

Prerequisites: 28174
And one of the following: 20700, 20702

28176 Lear Jet 55 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 31 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Lear Jet 55.

Prerequisites: 28173
And one of the following: 20700, 20702

28177 Beech 200 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 25 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Beech 200.

Prerequisites: 28161, 20056
And one of the following: 20700, 20702

28179 SD-360 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 120 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Shorts SD-360. No aircraft available.

Prerequisites: None
And one of the following: 21607, 21632

28180 BAE-146 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 97 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the BAE-146. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28182 Gulfstream G-V Recurrent Qualification

Training Manager: AMA-260 Course Length: 34 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Gulfstream G-V.

Prerequisites: 28155
And one of the following: 20700, 20702

28183 Cessna 550 Recurrent Qualification

Training Manager: AMA-260 Course Length: 27 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Cessna 550.

Prerequisites: [28157](#)
And one of the following: [20700](#), [20702](#)

28185 Beech 1900 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 93 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Beech 1900.

Prerequisites: None
And one of the following: [20700](#), [20702](#)

28186 Beech 1900 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 33 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Beech 1900.

Prerequisites: [28185](#)
And one of the following: [20700](#), [20702](#)

28187 Airbus A330 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 80 hour(s)

This course will enable students to maintain currency in the Airbus A330 aircraft.

Prerequisites: [28081](#)
And one of the following: [21607](#), [21632](#)

28188 British Aerospace BAE-31 Initial Qualification

Training Manager: AMA-260 Course Length: 116 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the BAE-31. All students programmed for this course must meet the regulatory requirements for 100% type certification in the simulator. No aircraft is available.

Prerequisites: None
And one of the following: [20700](#), [20702](#)

28189 British Aerospace BAE-31 Recurrent Qualification

Training Manager: AMA-260 Course Length: 30 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the BAE-31.

Prerequisites: [28188](#)
And one of the following: [20700](#), [20702](#)

28190 DC-3 Turboprop Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 60 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DC-3 turboprop.

Prerequisites: None
And one of the following: [21607](#), [20700](#), [20702](#)

28191 DC-3 Turboprop Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 30 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DC-3 turboprop.

Prerequisites: [28190](#)
And one of the following: [21607](#), [20700](#), [20702](#)

28192 Short 360 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 56 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Short 360.

Prerequisites: [28179](#)
And one of the following: [21607](#), [21632](#)

28193 Saab/Fairchild SF-340 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 128 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Saab/Fairchild SF-340. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28194 Saab/Fairchild SF-340 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 60 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Saab/Fairchild SF-340.

Prerequisites: 28193
And one of the following: 21607, 21632

28195 Dehavilland DHC-8 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 138 hour(s)

The course prerequisite can be turbine powered type rating. This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Dehavilland DHC-8. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28196 Dehavilland DHC-8 Recurrent Qualification

Training Manager: AMA-260 Course Length: 52 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Dehavilland DHC-8.

Prerequisites: 28195
And one of the following: 21607, 21632

28197 Sikorsky S-64 Recurrent Pilot Qualification

Training Manager: AMA-260 Course Length: 22 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Sikorsky S-64 helicopter.

Prerequisites: 28033
And one of the following: 20700, 20702

28198 Boeing 777 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 69 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 777.

Prerequisites: 28252
And one of the following: 21607, 21632

28199 Dornier DO-228 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 55 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DO-228.

Prerequisites: None
And one of the following: 20700, 20702

28200 Dornier DO-228 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 23 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DO-228.

Prerequisites: 28199
And one of the following: 20700, 21607, 20702

28201 SA-365N Helicopter Initial Qualification

Training Manager: AMA-260 Course Length: 36 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require proficiency in the SA-365N.

Prerequisites: 28164
And one of the following: 20700, 20702

28202 SA-365N Helicopter Recurrent Qualification

Training Manager: AMA-260 Course Length: 20 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the SA-365N.

Prerequisites: 28201
And one of the following: 20700, 20702

28203 DC-4 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DC-4. Student must have FE recip or have FE RECIP written passed.

Prerequisites: None
And one of the following: 21607, 21632

28206 BAE-146/AVRO RJ85 Recurrent Qualification

Training Manager: AMA-260 Course Length: 36 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the BAE-146.

Prerequisites: 28180
And one of the following: 21607, 21632

28207 Grumman G-73T Pilot Initial Qualification

Training Manager: AMA-200 Course Length: 36 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Grumman G-73T.

Prerequisites: 20056
And one of the following: 20700, 20702

28208 Grumman G-73T Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 32 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Grumman G-73T.

Prerequisites: 28207
And one of the following: 20700, 20702

28209 A310 Pilot/FE Initial Qualification

Training Manager: AMA-260 Course Length: 154 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Airbus A310. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28210 A310 Pilot/Flight Engineer Recurrent Qualification

Training Manager: AMA-260 Course Length: 38 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Airbus A310.

Prerequisites: 28209
And one of the following: 21607, 21632

28211 BV-234 Helicopter Initial Qualification

Training Manager: AMA-260 Course Length: 42 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the BV-234.

Prerequisites: 28164
And one of the following: 20700, 20702

28212 BV-234 Helicopter Recurrent Qualification

Training Manager: AMA-260 Course Length: 22 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the BV-234.

Prerequisites: 28211
And one of the following: 20700, 20702

28217 Beechjet 400A Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 60 hour(s)

This course is primarily designed for initial qualification of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Beechjet 400A. All students programmed for this course must meet the regulatory requirements for 100% type certification in the simulator. No aircraft is available.

Prerequisites: None
And one of the following: 20700, 20702

28218 Sikorsky S-76 Initial Qualification

Training Manager: AMA-260 Course Length: 82 hour(s)

This training will enable students who possess a helicopter ATP certificate to acquire a type rating in the S-76 aircraft. Commercial helicopter pilots will receive transition training in the S-76.

Prerequisites: 28164
And one of the following: 20700, 20702

28219 Sikorsky S-76 Recurrent Qualification

Training Manager: AMA-260 Course Length: 23 hour(s)

This training will enable students to maintain currency in the Sikorsky S-76 helicopter.

Prerequisites: 28218
And one of the following: 20700, 20702

28220 BK-117 Pilot Transition

Training Manager: AMA-260 Course Length: 26 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require flight proficiency in the BK-117.

Prerequisites: 28164
And one of the following: 20700, 20702

28221 Airship Commercial Pilot, Lighter-Than-Air (LTA)

Training Manager: AMA-260 Course Length: 102 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a commercial, Lighter-Than-Air category, and airship class rating.

Prerequisites: None
And one of the following: 20700, 20702

28222 Beechjet 400A Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 28 hour(s)

Designed for recurrent qualification of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Beechjet 400A.

Prerequisites: 28217
And one of the following: 20700, 20702

28223 A-320 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 154 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Airbus A320. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28224 A-320 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 68 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Airbus A320.

Prerequisites: 28223
And one of the following: 21607, 21632

28225 B-747-400 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 154 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Boeing 747-400. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28226 B-747-400 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 68 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 747-400.

Prerequisites: 28225
And one of the following: 21607, 21632

28227 Fokker 100 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 166 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating on the Fokker 100. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28228 Fokker 100 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 72 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Fokker 100 aircraft.

Prerequisites: 21607, 21204, 28227
And one of the following: None

28229 MD-11 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 183 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the MD-11 aircraft. Aircraft flight not available under this contract.

Prerequisites: 21607, 21204
And one of the following: None

28230 MD-11 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 76 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the MD-11 aircraft.

Prerequisites: 28229
And one of the following: 21607, 21632

28231 Sikorsky S-76 Standardization (Simulator)

Training Manager: AMA-260 Course Length: 23 hour(s)

This course is primarily designed for standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the S-76 helicopter.

Prerequisites: 28218
And one of the following: 20700, 20702

28232 Additional Flight Instructor Rating - Helicopter (VFR)

Training Manager: AMA-260 Course Length: 51 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a flight instructor - helicopter rating. This course should be attended in conjunction with Course 28164, Helicopter VFR Initial Qualification.

Prerequisites: 28164
And one of the following: 20700, 20702

28233 Grumman Gulfstream IV Initial Qualification

Training Manager: AMA-260 Course Length: 122 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other non-AVN agency flight personnel whose official duties require a type rating in the G-IV aircraft.

Prerequisites: None
And one of the following: 20700, 20702

28234 Saab 2000 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 128 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Saab 2000. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28235 Canadair RJ CL-65 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 172 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Canadair RJ CL-65. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28237 Gulfstream (G-IV) Recurrent Qualification

Training Manager: AMA-260 Course Length: 34 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other non-AVN agency flight personnel whose official duties require maintaining flight proficiency in the Gulfstream G-IV.

Prerequisites: 28233
And one of the following: 20700, 20702

28238 G-III Initial Qualification

Training Manager: AMA-260 Course Length: 117 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other non-AVN agency flight personnel whose official duties require a type rating in the Gulfstream G-III.

Prerequisites: None
And one of the following: 20700, 20702

28239 N-265 Sabreliner Initial Qualification

Training Manager: AMA-260 Course Length: 86 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Sabreliner 40.

Prerequisites: None
And one of the following: 20700, 20702

28240 AS-332 Recurrent Pilot Qualification

Training Manager: AMA-260 Course Length: 32 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require the maintenance of flight

proficiency in the AS-332.

Prerequisites: 28262
And one of the following: 20700, 20702

28241 Beechcraft F90 King Air Recurrent Qualification

Training Manager: AMA-260 Course Length: 27 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Beechcraft F90.

Prerequisites: 28245, 20056
And one of the following: 20700, 20702

28243 Saab 2000 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 60 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Saab 2000.

Prerequisites: 28234
And one of the following: 20700, 20702

28245 King Air F-90 Initial Qualification

Training Manager: AMA-260 Course Length: 48 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require proficiency in the Beechcraft F-90.

Prerequisites: 20056
And one of the following: 20700, 20702

28246 Airbus A340 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 200 hour(s)

This course will enable students to acquire a type rating for the Airbus A340 aircraft. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28247 Cessna 525 Initial Pilot Qualification

Training Manager: AMA-260 Course Length: 89 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Cessna 525.

Prerequisites: None
And one of the following: 20700, 20702

28248 Beech 300 Pilot Recurrent Qual for Aviation Safety Inspector

Training Manager: AMA-260 Course Length: 30 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Beech 300.

Prerequisites: 28249
And one of the following: 20700, 20702

28249 Beech-300 Pilot Initial Qual for Aviation Safety Inspectors

Training Manager: AMA-260 Course Length: 78 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Beech 300.

Prerequisites: None
And one of the following: 20700, 20702

28252 Boeing 777 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 182 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Boeing 777. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28253 Gulfstream G-III Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 34 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other non-AVN agency flight personnel whose official duties require maintaining flight proficiency in the Gulfstream G-III.

Prerequisites: 28238
And one of the following: 20700, 20702

28256 Cessna 750 Initial Qualification

Training Manager: AMA-260 Course Length: 112 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Cessna 750. All students programmed for this course must meet the regulatory requirements for 100% type certification in the simulator. No aircraft is available.

Prerequisites: None
And one of the following: 20700, 20702

28257 MD-80 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 171 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the MD-80 (DC-9). Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28258 MD-80 Pilot Recurrent/Differences

Training Manager: AMA-260 Course Length: 82 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the MD-80.

Prerequisites: None
And one of the following: 21607, 21632, 28257, 20006

28259 DA-2000 Falcon Initial Qualification

Training Manager: AMA-260 Course Length: 93 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DA-2000 Falcon.

Prerequisites: None
And one of the following: 20700, 20702

28260 DA-2000 Falcon Recurrent Qualification

Training Manager: AMA-260 Course Length: 31 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DA-2000 Falcon.

Prerequisites: 28260
And one of the following: 20700, 21607, 20702

28261 Astra 1125 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 25 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Astra 1125.

Prerequisites: 28076
And one of the following: 20700, 20702

28262 Super Puma AS-332 Initial Qualification

Training Manager: AMA-260 Course Length: 55 hour(s)

This training will enable students to acquire a type rating in the Super Puma AS-332 aircraft.

Prerequisites: 28164
And one of the following: 20700, 20702

28263 Airbus A340 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 80 hour(s)

This course will enable students to maintain currency in the Airbus A340 aircraft.

Prerequisites: 21607, 28246
And one of the following: None

28269 Airship (Blimp) Commercial Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 20 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in lighter-than-air airships.

Prerequisites: 28221
And one of the following: 20700, 20702

28270 Beech Starship Initial Qualification

Training Manager: AMA-260 Course Length: 55 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Beech Starship.

Prerequisites: None
And one of the following: 20700, 20702

28271 Beech Starship Recurrent Qualification

Training Manager: AMA-260 Course Length: 23 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Beech Starship.

Prerequisites: 28270
And one of the following: 20700, 20702

28272 Cessna 750 Recurrent Qualification

Training Manager: AMA-260 Course Length: 39 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Cessna 750.

Prerequisites: 28256
And one of the following: 20700, 20702

28273 Flight Test Pilot/Engineers Technical Trng Recurrent Qual

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is mandatory for all flight test pilots and flight test engineers on a 2-year recurring basis. The course will assure an adequate level of technical knowledge; an awareness of FAA policies, procedures, and testing techniques necessary on the job tasks on aircraft certification; and for flight testing in particular.

Prerequisites: None
And one of the following: None

28274 Grumman G-111 Albatross Recurrent Qualification

Training Manager: AMA-260 Course Length: 23 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require the maintenance of flight proficiency in the Grumman G-111.

Prerequisites: None
And one of the following: 20700, 20702

28275 Boeing 737-700 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 155 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Boeing 737. Students must be previously type rated in a turbojet airplane. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28276 BAE ATP Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 102 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the BAE ATP.

Prerequisites: None
And one of the following: 21607, 21632

28277 BAE ATP Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 32 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the BAE ATP.

Prerequisites: 28276
And one of the following: 21607, 21632

28280 Grumman Gulfstream I Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 24 hour(s)

This course is primarily designed for recurrent qualification and

standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Gulfstream G-I. (Note: To receive FAR 61.58 proficiency check, students must have logged 3 takeoffs and landings in the aircraft within 90 days prior to course completion.)

Prerequisites: 28281
And one of the following: 20700, 20702

28281 Grumman Gulfstream I Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 74 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Gulfstream G-I.

Prerequisites: None
And one of the following: 20700, 20702

28282 Lockheed Jetstar Recurrent Qualification

Training Manager: AMA-260 Course Length: 30 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Lockheed Jetstar.

Prerequisites: 28284
And one of the following: 20700, 20702

28284 Lockheed Jetstar Initial Qualification

Training Manager: AMA-260 Course Length: 63 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Lockheed Jetstar.

Prerequisites: None
And one of the following: 20700, 20702

28285 Mitsubishi MU-2 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 62 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a qualification in the MU-2.

Prerequisites: 20056
And one of the following: 20700, 20702

28286 Douglas DC-4 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 52 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DC-4.

Prerequisites: 28203
And one of the following: 21607, 21632

28287 McDonnell Douglas MD-90 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 154 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the MD-90 (DC-9). Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28288 McDonnell Douglas MD-90 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 68 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the MD-90.

Prerequisites: 28287
And one of the following: 21607, 21632

28289 Helicopter ATP Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 67 hour(s)
This course is designed for aviation safety inspectors and other agency flight personnel whose official duties require a helicopter airline transport pilot (ATP) certificate.

Prerequisites: 28164, 28071
And one of the following: 20700, 20702

28290 Helicopter Instrument Instructor

Training Manager: AMA-260 Course Length: 42 hour(s)
This course is designed for aviation safety inspectors and other agency flight personnel whose official duties require a helicopter instrument instructor rating.

Prerequisites: 28164, 28071
And one of the following: 20700, 20702, 21607

28292 Cessna 560 Citation V Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 82 hour(s)
This course is primarily designed for initial qualification and standardization of aviation safety inspectors whose official duties require a type rating in the Cessna 560 aircraft.

Prerequisites: None
And one of the following: 20700, 20702

28293 Cessna 560 Citation V Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 28 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors whose official duties require maintaining flight proficiency in the Cessna 560 aircraft.

Prerequisites: 28292
And one of the following: 20700, 20702

28294 Lear 31A Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 78 hour(s)
This course is primarily designed for initial qualification and standardization of AVN aviation safety inspectors whose official duties require a type rating in the Lear 31A. All students programmed for this course must meet the regulatory requirements for 100% type certification in the simulator. No aircraft is available.

Prerequisites: None
And one of the following: 20700, 20702

28295 Lear 31A Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 31 hour(s)
This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other non-AVN agency flight personnel whose official duties require maintaining flight proficiency in the Lear 31A aircraft.

Prerequisites: 28294
And one of the following: 20700, 20702

28296 Beech C-90 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 48 hour(s)

This course is designed primarily for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Beech C-90.

Prerequisites: 20056
And one of the following: 20700, 20702

28297 Beech C-90 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 25 hour(s)

This course is designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require the maintenance of flight proficiency in the Beech C-90.

Prerequisites: 28296, 20056
And one of the following: 20700, 20702

28303 Parachute Rigger Certification

Training Manager: AMA-260 Course Length: 56 hour(s)

This training enables students to be prepared to assemble parachutes. Primary purpose is for airworthiness inspectors to acquire a parachute riggers rating.

Prerequisites: None
And one of the following: 21601, 21603, 21909

28307 Airbus A340 Cross Crew Qualification Initial Pilot Training

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Airbus A340. Student must be previously type rated in the Airbus A320. Student must have 150 hours of A320 flight time in the preceding 12 months.

Prerequisites: 28223
And one of the following: 21607, 21632

28313 GE CJ610-S/CF700 Engine Heavy Maintenance

Training Manager: AMA-262 Course Length: 56 hour(s)

This course is designed for FAA personnel assigned to maintain FAA aircraft which incorporates the CJ610/CF700 engines.

Prerequisites: None
And one of the following: None

28316 Canadair CL-65 (CRJ) Aircraft Systems

Training Manager: AMA-260 Course Length: 40 hour(s)

This training is intended for FAA aviation safety inspectors (maintenance and avionics). The course provides a description of Canadair CL-65 components and systems including function, location, interdependencies, failure modes, and effects of failure.

Prerequisites: None
And one of the following: None

28331 Aircraft Noise Measurement and Evaluation for Engineers

Training Manager: AMA-260 Course Length: 72 hour(s)

This course enables the engineer to determine compliance with the noise standards for aircraft type certification as set forth in part 36 of the FAR.

Prerequisites: None
And one of the following: None

28332 BAE-31 (Jetstream) Aircraft Systems Familiarization

Training Manager: AMA-260 Course Length: 80 hour(s)

This training is intended for FAA aviation safety inspectors (maintenance and avionics). The course provides a description of BAE-31 components and systems including function, location, interdependencies, failure modes, and effects of failure.

Prerequisites: None
And one of the following: None

28335 Reliability and Probability

Training Manager: AMA-260 Course Length: 48 hour(s)

This course is an aircraft certification course designed primarily for engineers involved in the review of analysis submitted by applicants which may involve probability studies or statistical analysis.

Prerequisites: None
And one of the following: None

28338 Boeing 777 Aircraft Systems

Training Manager: AMA-260 Course Length: 56 hour(s)

This training is intended for FAA aviation safety inspectors (maintenance and avionics). The course provides a description of the Boeing 777 components and systems including function, location, interdependencies, failure modes, and effects of failures.

Prerequisites: None
And one of the following: None

28341 Embraer (RJ) 145 Aircraft Systems Familiarization

Training Manager: AMA-260 Course Length: 96 hour(s)

This training is intended for FAA aviation safety inspectors (maintenance and avionics). The course provides a description of ERJ-145 components and systems; including function, location, interdependencies, failure modes, and effects of failure.

Prerequisites: None
And one of the following: None

28343 Fracture Mechanics and Related Damage Tolerance Problems

Training Manager: AMA-260 Course Length: 40 hour(s)

This is an aircraft certification course conducted by industry and is developed primarily for engineers involved in the review of fail-safe characteristics of structures.

Prerequisites: None
And one of the following: None

28346 B-727 Aircraft Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is for airworthiness (maintenance/avionics) inspectors (FG-1825 classification) who need a working knowledge of B-727 aircraft systems for the surveillance job function. Subjects include electrical power, fuel system, powerplant, fire detection and control, auxiliary power unit, pneumatics system, anti-icing and de-icing systems, air conditioning and pressurization, hydraulic power system landing gear and brake system, flight controls, oxygen and emergency equipment, integrated flight instruments, and autopilot.

Prerequisites: None
And one of the following: None

28355 Aircraft Structural Fatigue

Training Manager: AMA-260 Course Length: 80 hour(s)

This is an aircraft certification course conducted by industry and designed for engineers who assess the adequacy of aircraft with regard to fatigue characteristics. It will provide instruction in basic fatigue fundamentals and a working knowledge and overall picture of structural fatigue and its relationship to aviation safety. Instructions in assessing investigations, evaluating service experience, and applying airworthiness requirements are emphasized.

Prerequisites: None
And one of the following: None

28356 Bell 206B Field Maintenance

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is for FAA aviation safety inspectors. It provides a description of components and systems of the Bell 206B helicopter.

Prerequisites: None
And one of the following: None

28357 Boeing 737-700 Pilot Recurrent/Differences

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 737-700 series aircraft. The series includes Boeing 737-600, -700, -800, -900, and BBJ.

Prerequisites: 28275
And one of the following: 21607, 21632

28358 Boeing 717 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 178 hour(s)

This course is primarily for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Boeing 717. Students must meet the provisions of FAR 61.157(g)(3)(II) for initial turbojet type certification totally in a simulator without restriction. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28359 Survey Course on Aircraft Icing

Training Manager: AMA-260 Course Length: 40 hour(s)

In this training, FAA certification personnel gain knowledge of icing meteorology, icing phenomena, ice protection system design, and testing principles.

Prerequisites: None
And one of the following: None

28362 Lockheed L-1011 Systems

Training Manager: AMA-260 Course Length: 112 hour(s)

This course is for airworthiness (maintenance/avionics) inspectors (FG-1825 classification) who need L-1011 aircraft systems training for the surveillance job function.

Prerequisites: None
And one of the following: None

28365 Boeing 717 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 717.

Prerequisites: 28257, 28258, 28287, 28288, 28358
And one of the following: 21607, 21632

28366 Cessna 208 Initial Qualification

Training Manager: AMA-260 Course Length: 35 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require flight operations in the Cessna 208.

Prerequisites: 20056
And one of the following: 20700, 20702

28368 Composite Materials for Engineers

Training Manager: AMA-260 Course Length: 64 hour(s)

This training is required for those individuals who perform certification and inspection functions related to FAA regulatory responsibilities (engineers).

Prerequisites: None
And one of the following: None

28375 Bell 222/230 Recurrent Pilot Qualification

Training Manager: AMA-260 Course Length: 27 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the BH 222/230.

Prerequisites: 28170
And one of the following: 20700, 20702

28388 Lear 45 Initial Qualification

Training Manager: AMA-260 Course Length: 88 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Lear 45. special note: course contains no aircraft flight time. Students must meet requirements of FAR 61.157 for 100% training and testing in simulator.

Prerequisites: None
And one of the following: 20700, 20702

28390 Principles of Composite Structures, A/W Inspectors

Training Manager: AMA-260 Course Length: 40 hour(s)

This course is for all airworthiness maintenance inspectors. Course content includes information relating to theory, characteristics, basic design, health and environmental safeguards, material storage/handling, equipment standards, applications, fabrication, failure analysis, quality control, non-destructive inspection (NDI), and repair of graphite and Kevlar materials.

Prerequisites: None
And one of the following: None

28394 Lear 45 Recurrent Qualification

Training Manager: AMA-260 Course Length: 31 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require the maintenance of flight proficiency in the Lear 45.

Prerequisites: 28388
And one of the following: 20700, 20702

28398 B-757 Aircraft Systems

Training Manager: AMA-260 Course Length: 104 hour(s)

This course is for airworthiness (maintenance/avionics) inspectors

(FG-1825 classification) who need B-757 aircraft systems training for surveillance job functions.

Prerequisites: None
And one of the following: 21601, 21618

28400 Boeing 737-200 Aircraft Systems

Training Manager: AMA-260 Course Length: 120 hour(s)

This course is for airworthiness (maintenance/avionics) inspectors (FG-1825 classification) who need a working knowledge of Boeing 737-200 aircraft for the maintenance surveillance job function. Subjects include electrical power, fuel system, powerplant, fire detection and control, auxiliary power unit (APU), pneumatics system, anti-icing and de-icing systems, air conditioning and pressurization, hydraulic power system landing gear and brake system, flight controls, oxygen and emergency equipment, integrated flight instruments, and autopilot.

Prerequisites: None
And one of the following: None

28402 Digital Avionics Principles and Systems (Avionics)

Training Manager: AMA-260 Course Length: 120 hour(s)

This course consists of 3 weeks of intensive training on the principles and applications of digital avionics currently in place in the aviation industry. This training is considered mandatory for avionics inspectors and is recommended for engineers.

Prerequisites: None
And one of the following: None

28404 B-767 Aircraft Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Boeing B-767 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing systems, air conditioning and pressurization hydraulic power systems; landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot, and locating components at the aircraft.

Prerequisites: None
And one of the following: 21601, 21618

28405 Spectrum APQ (Airline Pre-Qualification)

Training Manager: AMA-260 Course Length: 80 hour(s)

A unique training program designed to provide a fundamental knowledge of the differences in flying an advanced technology aircraft. This course will be attended by aviation safety inspectors.

Prerequisites: None
And one of the following: None

28406 Boeing 737-(NG) Aircraft Systems Maintenance

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is for airworthiness (maintenance/avionics) inspectors (FG-1825 classification) who need a working knowledge of Boeing 737-600/700/800 aircraft for the maintenance surveillance job function. Subjects include electrical power, fuel system, powerplant, tire detection and control, auxiliary power unit (APU), pneumatics system, anti-icing and de-icing systems, air conditioning and pressurization, hydraulic power system equipment, integrated flight instruments, and autopilot.

Prerequisites: None
And one of the following: None

28408 Aircraft Flutter Seminar

Training Manager: AMA-260 Course Length: 40 hour(s)

This course is primarily for certification engineers to enhance their knowledge of aircraft flutter. It consists of classroom and lab to enable the engineer to evaluate flutter analysis techniques and analyze data. The course includes flutter testing. Requirements: BS in aerospace or other engineer discipline with some familiarity in finite element modeling.

Prerequisites: None
And one of the following: None

28409 Boeing 737-300/400/500 Aircraft Systems Maintenance

Training Manager: AMA-260 Course Length: 120 hour(s)

This course is for airworthiness (maintenance/avionics) inspectors (FG-1825 classification) who need a working knowledge of the Boeing 300/400/500 aircraft maintenance surveillance job function. Subjects include electrical power, fuel system, powerplant, fire detection and control, auxiliary power unit (APU), pneumatics system, anti-icing and de-icing systems, air conditioning and pressurization, hydraulic power system landing gear and brake system flight controls, oxygen and emergency equipment, integrated flight instruments, and autopilot.

Prerequisites: None
And one of the following: None

28411 Allison 250 Series Engine Training

Training Manager: AMA-260 Course Length: 56 hour(s)

This course is for airworthiness maintenance and avionics inspectors who need Allison 250 engine training for the surveillance job function.

Prerequisites: None
And one of the following: None

28412 Douglas MD-80 Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Douglas MD-80 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing system, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot, and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28413 Fokker 100 Aircraft Systems (Airworthiness)

Training Manager: AMA-260 Course Length: 77 hour(s)

This course is for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Fokker 100 aircraft systems for the surveillance job function. Subjects include electrical power, fuel system, powerplant, fire detection and control, auxiliary power unit, pneumatics system, anti-icing and de-icing systems, air conditioning and pressurization, hydraulic power system, landing gear and brake system, flight controls, oxygen and emergency equipment, integrated flight instruments and autopilot.

Prerequisites: None
And one of the following: None

28414 Douglas MD-11 Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Douglas MD-11 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing systems, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot, and locating components at the aircraft. Personnel assigned to maintenance of the FAA Douglas MD-11 should take this course.

Prerequisites: None
And one of the following: None

28417 Repairability of Structural Composites

Training Manager: AMA-260 Course Length: 64 hour(s)

This course is for all airworthiness maintenance and manufacturing inspectors. The course content includes information relating to detecting various types of damages, non-destructive assessment of damages, repair concepts, and case studies.

Prerequisites: 28390
And one of the following: None

28419 BAE-146 System/AVRO RJ-85

Training Manager: AMA-260 Course Length: 120 hour(s)

This course is designed for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of BAE-146 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing system, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot, and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28420 Aerospatiale ATR-42 Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Aerospatiale ATR-42 Aircraft Systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing system, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot, and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28421 Beech 1900 Aircraft Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

28421

Prerequisites: None
And one of the following: None

28422 Dehavilland DHC-8 Systems

Training Manager: AMA-260 Course Length: 112 hour(s)

This course is designed for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Dehavilland DHC-8 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing systems, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot, and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28423 Embraer EMB-120 Systems

Training Manager: AMA-260 Course Length: 40 hour(s)

This course is designed for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Embraer EMB-120 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing system, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot, and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28424 Gulfstream G-IV Aircraft Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Gulfstream G-IV aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing systems, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28425 Saab SF-340 Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Saab-340 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing systems, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment,

integrated flight instruments, autopilot, and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28426 Short SD-360 Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Short SD-360 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing system, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot, and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28427 DC-9 Maintenance and Inspection Course

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for mechanics and inspection/quality control personnel who need a working knowledge of the Douglas DC-9 systems and the JT8D engine to maintain the airworthiness of the Douglas DC-9 aircraft operated by the FAA.

Prerequisites: None
And one of the following: None

28428 CASA 212 Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of CASA 212 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing system, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot, and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28429 Fairchild Dornier DO-328 Jet Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 163 hour(s)

This course is primarily designed for initial qualification and

standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the DO-328 jet. Students must meet the provisions of FAR 61.157 (g)(3)(II) for initial turbo jet-type certification totally in a simulator without restriction. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28430 Fairchild Dornier DO-328jet Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 75 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the DO-328jet.

Prerequisites: 28429
And one of the following: 21607, 21632

28431 Manufacturing Technology and Process

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for certification personnel. The training consists of evaluation criteria; material and metallurgy; metal machining; milling, removal, casting, forging, forming, and rolling; fastening technologies, assembly, welding, fixture, and tooling.

Prerequisites: None
And one of the following: None

28432 Quality Assurance Engineering

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for aircraft certification personnel. This training covers fundamental concepts of probability, statistical quality control, and design experiments; quality planning and management; metrology, inspection, and testing; quality cost analysis; reliability, maintainability, and product safety; and motivation and human factors.

Prerequisites: None
And one of the following: None

28433 Safety Assessment Principles and Techniques

Training Manager: AMA-260 Course Length: 72 hour(s)

This training is designed for certification personnel. It consists of evaluation of fail-safe design techniques; how to apply service experience; safe-life concepts; failure modes effects analysis and

fault tree analytical techniques; Weibull analysis and FAA AC 1309.1 Criteria; multiple failures; undetected failures; and flight crew alerting.

Prerequisites: 28335
And one of the following: None

28434 Statistical Process Controls and Statistical Sampling

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for certification personnel. The training includes the following topics: math refresher, statistical process control, control charts (including interpretation), design experiments, control of variation, trend data, basic analysis techniques, process control methods, process validation, and FAA requirements and interpretation.

Prerequisites: None
And one of the following: None

28435 Allison Convair 580 Maintenance and Inspection

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for mechanics and/or inspection and quality control personnel who need a working knowledge of the Allison Convair 580 aircraft systems and Allison 501 engine to maintain the airworthiness of the Allison Convair aircraft operated by the FAA.

Prerequisites: None
And one of the following: None

28436 Swearingen SA-226/227 Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is designed for maintenance or electrical/electronics inspectors (FG-1825 classification) who need a working knowledge of Swearingen SA-226/227 aircraft systems for the surveillance job function. Study areas include electrical power, fuel system, anti-icing and de-icing system, air conditioning and pressurization, hydraulic power system, landing gear and brake systems, flight controls, oxygen and emergency equipment, integrated flight instruments, autopilot and locating components at the aircraft.

Prerequisites: None
And one of the following: None

28442 Rotorcraft Systems and Surveillance

Training Manager: AMA-260 Course Length: 70 hour(s)

This course is designed for FAA airworthiness inspectors (maintenance/avionics) who are responsible for surveillance,

certification, airworthiness, alterations, and repairs of rotorcraft. It consists of classroom instruction and laboratory analysis. The focus of the course is on the design, construction, manufacturing, and airworthiness qualities of various types and models of rotorcraft.

Prerequisites: None
And one of the following: None

28443 Emergency Evacuation and Survival Equipment

Training Manager: AMA-260 Course Length: 24 hour(s)

This course is for airworthiness and operations inspectors. It provides training to determine the quality and condition of required aircraft emergency equipment and to evaluate aircraft emergency evacuations. It consists of classroom, laboratory, and field training. It includes the following emergency equipment subject areas: exits, lighting, evacuation slides, emergency evacuation procedures and standards, flotation equipment, supplemental oxygen, maintenance manual requirements, miscellaneous equipment, and federal aviation regulations. Class activities include aircraft cabin fire extinguishing and life raft boarding drills at the student's option.

Prerequisites: None
And one of the following: None

28444 Canadair CL-600 (Challenger) Aircraft Systems

Training Manager: AMA-260 Course Length: 40 hour(s)

This course is for airworthiness (maintenance/avionics) inspectors (FG-1825 classification) who need a working knowledge of the Canadair CL-600 aircraft systems for the surveillance job function. There are no prerequisites.

Prerequisites: None
And one of the following: None

28445 Canadair RJ CL-65 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 76 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Canadair RJ CL-65.

Prerequisites: 28235
And one of the following: 21607, 21632

28446 Boeing 737-300 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 154 hour(s)

This course will enable students to acquire a type rating for the Boeing 737 aircraft. Additional prerequisite: student must have been previously type rated in a Group II (turbojet) airplane. Student must meet the requirements of FAR 61 for unlimited type certification in a simulator.

Prerequisites: None
And one of the following: 21607, 21632

28447 Boeing 737-300 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the Boeing 737-300/400/500.

Prerequisites: None
And one of the following: 21607, 21632, 28000, 28446

28448 BAE 125-1000 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 90 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the BAE 125-1000.

Prerequisites: None
And one of the following: 20700, 20702

28449 BAE 125-1000 Pilot Recurrent Qualification

Training Manager: AMA-260 Course Length: 24 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require maintaining flight proficiency in the BAE 125-1000.

Prerequisites: 28448
And one of the following: 20700, 20702

28450 Lear 35/36 Pilot Initial Qualification

Training Manager: AMA-260 Course Length: 79 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Lear 35/36.

Prerequisites: None
And one of the following: 20700, 20702

28451 Aircraft Structures for Inspectors

Training Manager: AMA-260 Course Length: 56 hour(s)

This course is for manufacturing and airworthiness inspectors. Subject areas include forces and moments, stress analysis, aircraft structural design considerations, detrimental effects on aircraft structures, fasteners and fastening techniques, structural repair (including composites), inspection methods, and structural testing. This course was formerly 22501.

Prerequisites: None
And one of the following: None

28452 New Technology and Generic Air Carrier Aircraft Systems

Training Manager: AMA-260 Course Length: 28 hour(s)

This course is designed to familiarize airworthiness and avionics ASIs with new technologies being installed in new, late model air carrier aircraft, such as GPS, GPWS, TCAS, FMS, EFIS, DVR, and FDR systems.

Prerequisites: None
And one of the following: None

28453 Aircraft Software Fundamentals

Training Manager: AMA-260 Course Length: 60 hour(s)

A descriptive analysis of software applied to aircraft design, analysis, and operation.

Prerequisites: None
And one of the following: None

28454 Bell 212/412 Recurrent Pilot Qualification

Training Manager: AMA-260 Course Length: 29 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require the maintenance of flight proficiency in the Bell 412 helicopter.

Prerequisites: 28100
And one of the following: None

28455 Maintenance Resource Management for FAA AFS Inspectors

Training Manager: AMA-260 Course Length: 16 hour(s)

This training shows maintenance and avionics inspectors the techniques for efficiency and accident/injury prevention. Topics include error chain recognition, human factor causes of accidents and incidents, situational awareness, team skills, and stress management.

Prerequisites: None
And one of the following: None

28456 Traffic Alert and Collision Avoidance Systems (TCAS/ACAS)

Training Manager: AMA-260 Course Length: 24 hour(s)

This training identifies the TCAS/ACAS operating principles, the identification and avoidance process, and system limitations. Descriptions of the system components are presented. The general computer structure and configurations are described.

Prerequisites: None
And one of the following: None

28457 Enhanced Ground Proximity Terrain Avoidance Warning Systems

Training Manager: AMA-260 Course Length: 24 hour(s)

This training identifies the EGPWS/TAWS operating principles, the terrain identification process, and system limitations. Descriptions of the system components are presented. The general computer structure and configurations are described.

Prerequisites: None
And one of the following: None

28458 Aging Aircraft - Corrosion Prevention and Control Program

Training Manager: AMA-260 Course Length: 18 hour(s)

This course is designed for maintenance safety inspectors. The course helps inspectors develop skills and knowledge important in evaluating, auditing, and conducting surveillance of corrosion prevention and control programs (CPCP). Course content includes a discussion of CPCP background and origin, scientific aspects of corrosion; CPCP structure and methods of implementation; and inspector audit and surveillance activities related to CPCP. The training methods used in this course include informal lecture, question and answer, small group exercises, and case study. The order of priority for this training is flight standards maintenance inspectors with Parts 121/135/91 responsibilities.

Prerequisites: 21909
And one of the following: None

28459 Cessna 560XL Initial Qualification

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Cessna 560XL aircraft.

Prerequisites: None
And one of the following: None

28460 Cessna 560XL Recurrent Qualification

Training Manager: AMA-260 Course Length: 30 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require the maintenance of flight proficiency in the Cessna 560XL.

Prerequisites: None
And one of the following: None

28461 Dehavilland DHC-8-400 Initial Qualification

Training Manager: AMA-260 Course Length: 151 hour(s)

This course is primarily designed for initial qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Dehavilland DHC-8-400 aircraft.

Prerequisites: None
And one of the following: None

28462 Dehavilland DHC-8-400 Recurrent Qualification

Training Manager: AMA-260 Course Length: 48 hour(s)

This course is primarily designed for recurrent qualification and standardization of aviation safety inspectors and other agency flight personnel whose official duties require a type rating in the Dehavilland DHC-8-400 aircraft.

Prerequisites: 28461
And one of the following: None

28463 Basic Auditing for AVR Personnel

Training Manager: AMA-260 Course Length: 24 hour(s)

This course provides the aviation safety inspector with a basic understanding of quality management systems used by aerospace organizations. The inspector is instructed in methods and techniques of auditing, the use of auditing tools, audit preparation, and report writing. The inspector's role and responsibilities before, during, and after the audit are presented. Opportunities to practice in group settings will be provided.

Prerequisites: None
And one of the following: None

28476 Lightning Protection of Aircraft

Training Manager: AMA-260 Course Length: 40 hour(s)

This training is to familiarize aircraft certification engineers with the ways in which lightning may interact with an aircraft and the techniques and approaches that may be utilized to protect the aircraft against effects which may constitute changes to safe flight.

Prerequisites: None
And one of the following: None

28482 Aeroelasticity/Flutter Seminar

Training Manager: AMA-260 Course Length: 40 hour(s)

This is a seminar through Washington headquarters to provide training in aeroelasticity and flutter.

Prerequisites: 22504
And one of the following: None

28483 Digital Technology/Familiarization - Maintenance Inspector

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is for airworthiness inspectors to improve their knowledge of digital technology relating to aircraft power plant systems and glass cockpit and computers. This training will bridge inspectors' knowledge from mechanical to computers and how to control and operate these systems.

Prerequisites: None
And one of the following: None

28484 Airbus Industries - A-320 Systems

Training Manager: AMA-260 Course Length: 80 hour(s)

This state-of-the-art course familiarizes airworthiness inspectors with applicable Airline Transport Association (ATA) Systems, glass cockpit, fly-by-wire powerplant control, and applicable make, model

powerplants. This course includes cockpit demonstrations of normal and abnormal (ground and flight) operations in a simulator. Inspectors assigned to air carriers operating this aircraft should attend this training.

Prerequisites: None
And one of the following: None

28485 Sikorsky S-76 Helicopter (Maintenance)

Training Manager: AMA-260 Course Length: 48 hour(s)

This course provides airworthiness inspectors with maintenance skills for the Sikorsky S-76 helicopter.

Prerequisites: None
And one of the following: None

28486 Boeing B-747-400 Systems

Training Manager: AMA-260 Course Length: 112 hour(s)

This state-of-the-art course familiarizes airworthiness inspectors with applicable airline transport association (ATA) systems, glass cockpit, fly-by-wire powerplant control, and applicable make/model powerplants. This course includes cockpit demonstrations of normal and abnormal (ground and flight) operations in a simulator. Inspectors assigned to air carriers operating this aircraft should attend this training.

Prerequisites: None
And one of the following: None

28488 General Electric CFM-56

Training Manager: AMA-260 Course Length: 40 hour(s)

This course familiarizes airworthiness inspectors with the powerplant system, nomenclature, equipment, and inspection requirements. Inspectors assigned to air carriers operating CFM-56 aircraft should attend this course.

Prerequisites: None
And one of the following: None

28489 Engine Vibration Analysis Turbine/Piston

Training Manager: AMA-260 Course Length: 40 hour(s)

This course focuses on reviewing basic vibration theory/introduction to turbine and reciprocating engine vibration theory, and analysis of turbine blade.

Prerequisites: 22505
And one of the following: None

28490 Loads Analysis Use Subsonic Panel Aerodynamic Method

Training Manager: AMA-260 Course Length: 40 hour(s)

This course will acquaint aircraft certification engineers with state-of-the-art analytical techniques for development of pressure distribution on airplane lifting surfaces for use in structural loads.

Prerequisites: 28333
And one of the following: None

28491 Introduction to Weibull and Risk Analysis Methods

Training Manager: AMA-260 Course Length: 24 hour(s)

This course provides engineers with an understanding of Weibull techniques on failure analysis, introduction to risk analysis, and risk modeling.

Prerequisites: None
And one of the following: None

28533 Flight Standards Network Administration

Training Manager: AFS-520 Course Length: 64 hour(s)

Provides training in Flight Standards Automation System (FSAS) network maintenance, software and hardware troubleshooting, administrative, logistical, automation security, and operating system maintenance skills.

Prerequisites: None
And one of the following: None

28546 Air Show Ground and Air Operations for Inspectors

Training Manager: AMA-260 Course Length: 8 hour(s)

This course provides the aviation safety inspector with the ability to evaluate the safety aspects of air show ground and air operations. The inspector will be able to identify the relevant safety factors associated with conducting an air show; evaluate the planning, coordination, and safety aspects of an air show; issue or support the denial of issuing a certificate of waiver or authorization; and conduct surveillance of the event, as appropriate.

Prerequisites: None
And one of the following: None

28555 Safety Performance Analysis System (SPAS)

Training Manager: AFS-520 Course Length: 32 hour(s)

This course trains aviation safety inspectors to use the sophisticated new techniques and procedures the SPAS provides. A combination of lecture and discussion and hands on computer modules will enable the inspectors to navigate SPAS to acquire key concepts related to SPAS performance measures and indicators, enter acknowledgements and comments, and create graphic displays of SPAS data. Participants will also learn to use this data to better focus surveillance activities and work programs.

Prerequisites: 21423, 21416, 21418
And one of the following: None

28562 SPAS Enhancement Training

Training Manager: AFS-900 Course Length: 8 hour(s)

This in-office course trains aviation safety inspectors, safety data analysts, and AST's to use the new features and enhancements that have been incorporated into SPAS since October 1997. It also introduces the new AIR personnel module (APM). The participants will complete the on-line exercises and analyze data associated with their job responsibilities using the strategies provided. Contact Ann Dimare at 617/494-2757 for additional information.

Prerequisites: None
And one of the following: 28555, 22005

28888 Specialized Flight Training

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is primarily designed for initial or recurrent qualification and standardization of aviation safety inspectors and other AFS and AIR flight engineer qualifications, as appropriate, in a specialized aircraft type. Each class will have a unique title which will describe the specialized training provided by the class.

Prerequisites: None
And one of the following: None

28999 Specialized Job Function Training

Training Manager: AMA-260 Course Length: 80 hour(s)

This course is for AVR, AIR, and AFS personnel only. The course provides advanced, in-depth training concerning the design, certification, inspection, and operating procedures relative to specific aircraft. Each class will have a unique title and cover a unique subject.

Prerequisites: None
And one of the following: None

29800 Instrument and Performance Refresher - Light Twin

Training Manager: AFS-520 Course Length: 40 hour(s)

This course is for general aviation operations inspectors assigned to flight crew member, safety pilot, or airmen certification duties in an aircraft other than those requiring type ratings by type design. The course includes 12 hours of flight training in flight training devices or simulators. Students must bring an FAA Form 4040-2 to class. When they return to their offices at the conclusion of the course, students must complete the items on the Form 4040-2 not completed during the class in a multiengine airplane. The maneuvers that must be completed include a circling approach, crosswind/normal landing, zero-flap landing, single-engine landing, and VMC demonstration.

Prerequisites: None
And one of the following: 20700, 20702

62001 (IVT) Aircraft Wiring Best Practices

Training Manager: AFS-520 Course Length: 8 hour(s)

This course was designed to explain the basic concepts of aircraft wiring practices. The course provides an overview of the aging wiring history, an update on current FAA guidance, detailed information on AC 43.13-1B, AC 25-16, wire separation, and instructions for continued airworthiness. This course was designed for flight standards maintenance inspectors and is presented via interactive video teletraining. Training methods used in this course include informal lecture and videotape. A self-assessment test is administered at the beginning and end of training.

Prerequisites: None
And one of the following: None

62800 (IVT) Introduction to Aircraft Loads/Basic Loads

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will be able to: gain a basic understanding of the importance of loads data to the overall design and manufacture of fixed wing aircraft; how loads are developed and used; methodologies for generating and validating loads data; and how loads are reported to the FAA and what to do with these data.

Prerequisites: None
And one of the following: None

62801 (IVT) Damage Tolerance

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will be able to: identify and use the appropriate FAR sections for reviewing the DTE report; verify the validity and accuracy of all the supporting analysis and test data to support the evaluation; and determine when

it is appropriate to seek advice from a national resource specialist or other expert in evaluating the data.

Prerequisites: None
And one of the following: None

62802 (IVT) Software Fundamentals: Computer Science Lesson

Training Manager: AMA-220 Course Length: 8 hour(s)

This (IVT) mini-course is one in a series of overview s of technical topics in the systems engineering curriculum. It provides an overview of basic computer concepts, principles, and terminology and its relationship to aircraft. Participants w ill be able to: explain the key elements of computers, their interactions, and application to aircraft; describe how computers process instructions; describe the interaction of softw are w ith hardw are; explain embedded and general purpose computers and their use in aircraft; define key softw are terminology; and explain the need for assurance for softw are and hardw are.

Prerequisites: None
And one of the following: None

62803 (IVT) Flutter/Aeroelastic Stability

Training Manager: AMA-220 Course Length: 8 hour(s)

This (IVT) mini-course is one in a series of ten overview s of technical topics in the airframe engineering curriculum. Participants w ill be able to: recognize the characteristics of different types of aeroelastic instabilities; list the relevant FAR requirements; review applicant's Flutter certification plan and understand the approach to demonstrate compliance; describe parameters that effect aeroelastic stability and relate them to design features and changes; and understand the education, training, and experience necessary to make journey-level findings of compliance.

Prerequisites: None
And one of the following: None

62804 (IVT) Repairs and Modifications

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of ten overview s of technical topics in the airframe engineering curriculum. Participants w ill be able to: recognize the differences betw een repair and an alteration, major and minor repairs, major and minor alterations; list the relevant FAR's addressing repairs and alterations; recognize how typical alterations impact airw orthiness; and recognize the steps in the STC approval process.

Prerequisites: None
And one of the following: None

62805 (IVT) Composite Materials

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of ten overview s of technical topics in the airframe engineering curriculum. Participants w ill be able to: verify that the material systems selected meets recommended selection criteria; verify that appropriate considerations are taken into account in the static strength demonstration; verify that appropriate material/processing variability considerations are included in damage tolerance testing and that appropriate residual strength considerations are addressed; and determine w hen it is appropriate to seek advice from an NRS or other expert in evaluating structural substantiation programs.

Prerequisites: None
And one of the following: None

62806 (IVT) Introduction to Metallurgy

Training Manager: AMA-220 Course Length: 5 hour(s)

This (IVT) mini-course is one in a series of ten overview s of technical topics in the airframe engineering curriculum. Participants w ill be able to: understand the importance of metal materials and processes to type design; describe how metals and alloys solidify and list the factors that control ingot structure; describe how mill products are produced from ingots by hot and cold w orking; describe how metallic materials are hardened by heat treatment and by other means; describe how fabrication and finishing operations affect the properties of metals and alloys; and recognize w hen, for a certification, a metallurgist needs to be part of the FAA team.

Prerequisites: None
And one of the following: None

62807 (IVT) Crashworthiness

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of ten overview s of technical topics in the airframe and systems engineering curriculum. Participants w ill be able to: determine w hether a compliance inspection is necessary; identify key issues to focus on during the inspection; recognize those areas that require further policy and guidance from applicable technical specialist or transport standards staff personnel; and conduct an inspection and identify non-compliance issues.

Prerequisites: None
And one of the following: None

62808 (IVT) HIRF/AND Lightning Protection

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of overview s of technical topics in the systems engineering curriculum. The participant w ill be

able to: identify and use the appropriate FAR parts for reviewing the report; verify the validity of the aircraft lightning zones defined; determine whether the appropriate steps have been accomplished for the electrical and electronic systems lightning protection; verify that the system HRIR protection compliance approach is adequate; and determine when it is appropriate to seek advice from an NRS or other expert in evaluating the data.

Prerequisites: None
And one of the following: None

62809 (IVT) Systems Safety Assessment

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. The participant will be able to: understand the history behind the fail-safe design concept; identify the issues leading to the development of ARP 4754; state the key topics of ARP 4754 and ARP 4761; understand the key concepts and objectives of functional hazard assessment, fault tree analysis, failure modes and effects analysis, and common cause analysis; and know the objectives and purpose of a preliminary system safety assessment and a system safety assessment and understand what tools are applicable to each.

Prerequisites: None
And one of the following: None

62810 (IVT) Stress Analysis

Training Manager: AMA-220 Course Length: 3 hour(s)

This (IVT) mini-course is one in a series of ten overviews of technical topics in the airframe engineering curriculum. Participants will have an understanding of the basic concepts and principles of stress analysis, to include: the applicability of Newtonian physics; the needs to establish static balance; the need to validate analytical methods; the need to evaluate the effects of assumptions; the need to evaluate whether analysis is appropriate or if a test is necessary; the relationship of stress analysis to subparts C and D; and the evaluation of the effect of stress on the aircraft.

Prerequisites: None
And one of the following: None

62811 (IVT) Advanced Communications

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. Participants will be able to: understand the certification role in the implementation of data communication systems for air traffic services; understand the relationship among the various FAA organizations involved in deploying data communication systems and providing air traffic services; understand and participate in the coordination process

within the FAA for implementing data communication systems; and review aircraft data communication systems for regulatory compliance.

Prerequisites: None
And one of the following: None

62812 (IVT) Automatic Flight Controls

Training Manager: AMA-220 Course Length: 5 hour(s)

This (IVT) mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. The participant will be able to: understand basics of automatic flight control systems; FAR's/AC's related to automatic flight control design certification; important concepts and approaches used in design for safety and protection against failures; basics of aerodynamic flight controls and consequences for aircraft design, concepts of stability, and trim and control augmentation functions; AFS system architecture evolution; various modes of AFC's; overview of control systems theory; fly-by-wire system concepts; and what's coming in the future.

Prerequisites: None
And one of the following: None

62813 (IVT) Digital Flight Data Recorder

Training Manager: AMA-220 Course Length: 3 hour(s)

This (IVT) mini-course is one in a series of overviews of technical topics for electrical systems engineer. Participants will be able to: identify and use the appropriate FAR parts for certifying digital flight data recorders (DFDR's); understand the new advisory material on certifying and maintaining DFDR's; and understand the compliance issues that have been problematic in the past.

Prerequisites: None
And one of the following: None

62814 (IVT) Low Visibility/Auto Pilot

Training Manager: AMA-220 Course Length: 5 hour(s)

This (IVT) mini-course is one in a series of overviews of technical topics in the systems engineering curriculum. Participants will be able to: recognize the architecture, system integrity, and pilot interface for autopilots; discuss analyses the applicant prepares for FAA system engineers; discuss functions required for fail-passive and fail-operational designs for autoland and rollout flight phases; discuss Monte Carlo simulation, simulation models and validation of aerodynamic and flight control systems; discuss wind turbulence models; and discuss representative fault hazard assessment determined criticality for fail-operational and fail-passive systems.

Prerequisites: None
And one of the following: None

62815 (IVT) Advanced Navigation

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of overview s of technical topics in the systems engineering curriculum. Participants w ill be able to: identify the key FAR parts and associated guidance material that are applicable to navigation certification projects; understand the relationship betw een airw orthiness and operational approvals; understand the role of TSO's and industry standards in the certification process; understand the relationship betw een aircraft and operational phases of flight navigation requirements; and understand the aircraft flight control/navigation system integration issues, operations and certification basis.

Prerequisites: None
And one of the following: None

62816 (IVT) Complex Electronic Hardware

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of overview s of technical topics in the systems engineering curriculum. Participants w ill be able to: explain various types of complex electronic hardw are; describe current policy and practices of complex electronic hardw are; explain the current industry and government development of guidance; and describe future FAA activities and plans.

Prerequisites: None
And one of the following: None

62817 (IVT) Icing

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is one in a series of overview s of technical topics in the systems engineering curriculum. Participants w ill be able to: understand w hy ice protection systems are required; ice protection systems designs and considerations; lessons learned from safety records; ice detector utilization; initiatives addressing lessons learned and know ledge shortfalls; current and future resources to understand means of regulatory compliance; and approval processes.

Prerequisites: None
And one of the following: None

62819 (IVT) Using the Software Job-Aid to Conduct Software Reviews

Training Manager: AIR-130 Course Length: 4 hour(s)

This (IVT) mini-course is designed for engineers and inspectors w ho have experience in conducting softw are review s. The training focuses on how to use a newly developed softw are job aid. The job aid is a tool to be used by engineers and inspectors w ho, as a team, conduct softw are review s prior to certification. Participants w ill be able to: describe the job aid tasks, processes, and activities; explain

the four stages of involvement; identify how to tailor the job aid for different projects; and describe how findings and observations are documented.

Prerequisites: None
And one of the following: None

62820 (IVT) Aircraft Certification's New Software Policy

Training Manager: AIR-130 Course Length: 8 hour(s)

This (IVT) mini-course is designed for engineers w ho are responsible for softw are approvals. It provides an overview of aircraft certification's new softw are notices. Engineers responsible for softw are approvals to FTCA DO-1788 w ill use this policy for performing softw are evaluations and approvals. Subjects include: field loadable softw are approval; production manufacturer approval for field loadable softw are; approval of legacy systems involving softw are changes; the softw are review process; level D and previously developed softw are approval; user modifiable softw are approval; softw are tool qualification; and minor versus major softw are changes.

Prerequisites: None
And one of the following: None

62821 (IVT) JAA/FAA Validation Principles

Training Manager: AIR-510 Course Length: 8 hour(s)

This (IVT) mini-course presents the principles and general process for validation. The focus is on the new concept of the validation item and on the validating authority formally identifying and justifying specific areas in w hich they w ill be making findings of compliance. Topics include: history of international cooperations; validation principles, concepts and key terms; four phases in a validation process; post-type validation design change; and continued airw orthiness. The JAA and the FAA jointly developed the course.

Prerequisites: None
And one of the following: None

62822 (IVT) ACSEP Update, Rev. A Brings Improvement to the Program

Training Manager: AMA-220 Course Length: 4 hour(s)

This (IVT) mini-course is designed to provide an overview of policy changes required by revision a to order 8100.7 and review lessons learned and best practices. Participants w ill be able to: conduct ACSEP evaluations in accordance w ith current policy and best practices; report ACSEP evaluation results in the newly required format; and gain efficiency through the know ledge gained from lessons learned.

Prerequisites: None
And one of the following: None

62823 (IVT) Software Change Impact Analysis Policy

Training Manager: AIR-510 Course Length: 4 hour(s)

This course provides an overview of AIR's new notice on using the software change impact analysis to help in the classification of a software change as 'major' or 'minor'. Topics include: importance of reviewing software change processes; software change impact analysis; regression testing; and major/minor change classification process.

Prerequisites: None
And one of the following: None

62824 (IVT) Air Software Conformity Policy

Training Manager: AIR-510 Course Length: 4 hour(s)

Provides an overview of AIR's new notice on guidelines for software conformity inspection and review. This policy applies to reviews and inspections related to type certificates, supplemental type certificates, amended type certificates, and technical standard order authorizations.

Prerequisites: None
And one of the following: None

62825 (IVT) Software Reuse

Training Manager: AIR-510 Course Length: 8 hour(s)

This presentation will explain what software reuse is and why it is desirable for applicants. Safety concerns associated with using software reuse will also be discussed. Some of the FAA activities in the area of software reuse will be explained along with a description of the new technologies that enable software reuse.

Prerequisites: None
And one of the following: None

62826 (IVT) Modified Condition/Decision Coverage (MC/DC)

Training Manager: AIR-510 Course Length: 4 hour(s)

This presentation will explain the purpose, function, and operation of MC/DC. It will describe the kinds of errors that MC/DC addresses and explain the process of evaluating an applicant's MC/DC data. It will also cover briefly some of the advanced MC/DC topics.

Prerequisites: None
And one of the following: None

62827 (IVT) Aircraft Wiring Practices

Training Manager: AMA-220 Course Length: 8 hour(s)

This training will deliver a detailed presentation of all aspects of wiring practices. It covers applicable 14CFR's, policy, and industry practices in the area of wiring. Primary factors associated with wire degradation will be introduced. Information on TC/STC data package requirements, wire selection and protection, routing, splicing, and termination practices are included. This training also covers wiring maintenance concepts, including how to perform a wiring general visual inspection. The instructors will use actual aircraft wiring video clips, numerous examples, and photos.

Prerequisites: None
And one of the following: None

62828 (IVT) Changed Product Rule - Awareness Briefing

Training Manager: AIR-510 Course Length: 3 hour(s)

The purpose of this awareness briefing is to present the objective of the rule changes and to explain the major elements of the changed product rule (CPR) and how the modified rules impact the FAA and current practices.

Prerequisites: None
And one of the following: None

62829 (IVT) Changed Product Rule Implementation

Training Manager: AIR-510 Course Length: 12 hour(s)

This course describes the meaning of the changes contained in the new Rule 21.101 and how those changes are used to establish the certification basis for a changed product. The course content explains what a changed product is and details possible exceptions an applicant may use for not choosing to implement the Rule. This includes determination of whether or not the change is significant. Other exceptions include not affected area, not contribute materially to the level of safety, and whether the change is impractical.

Prerequisites: None
And one of the following: None

62830 (IVT) Understanding AIR's Software Approval Processes

Training Manager: AIR-510 Course Length: 4 hour(s)

This course provides an overview of the software approval activities performed by FAA certification engineers. It also describes issues associated with managing resources to carry out the software approvals.

Prerequisites: None
And one of the following: None

62831 (IVT) STC Validations Under Bilateral Agreements

Training Manager: AIR-510 Course Length: 4 hour(s)

This course provides an overview of supplemental type certificates (STC) validation. It reviews requirements for STC validations and procedures for processing requests. It also explains PMA acceptance support provisions of bilaterals.

Prerequisites: None
And one of the following: None

62832 (IVT) ACSEP Order 8100.7, Revision B

Training Manager: AMA-220 Course Length: 2 hour(s)

This 2-hour course will introduce Revision B changes to FAA Order 8100.7, Aircraft Certification Systems Evaluation Program. The training will cover Revision B changes and the replacement of findings and observations by noncompliances. The training will cover the reasons for the Revision B change. It will cover changes to the Appendix 14, System Elements and Criteria; changes to the applicability box; and changes to FAA Form 8100-4. It will also overview what has not changed in Order 8100.7. The training will also discuss definitions of noncompliances and changes to Form 8100-6. The ATN participants will work several exercises using the new FAA Form 8100-6.

Prerequisites: 21415
And one of the following: None

62833 (IVT) Time-Limited Dispatch

Training Manager: AIR-510 Course Length: 8 hour(s)

This course will introduce participants to the concept, purpose, policies, and history underlying time-limited dispatch (TLD), as well as to analysis techniques (fault tree and Markov modeling for reliability). TLD applies to engines fitted with full authority digital electronic controls (FADEC). It is a method of allowing dispatch for short intervals with a redundant system that has one or more failed elements that individually or in combination do not prohibit function within the system of an airplane. TLD is an element of engine certification, policy for FADEC system TLD sets a common standard for engine control reliability.

Prerequisites: None
And one of the following: None

62834 (IVT) Integrated Modular Avionics

Training Manager: AIR-510 Course Length: 8 hour(s)

This course provides an overview of the FAA's new Technical Standard Order (TSO), C153, and Advisory Circular (AC) on Integrated Modular Avionics (IMA). It will describe technical topics within the IMA AC, keys to improving IMA Systems, and future trends in IMA technology.

Prerequisites: None
And one of the following: None

62835 (IVT) Aircraft Electromagnetic Compatibility (EMC)

Training Manager: AIR-510 Course Length: 3 hour(s)

Some of the goals for this course are: Identify the goals of an aircraft EMC and identify EMC factors that need to be considered when evaluating an application for certification. An example would be: Given a particular aircraft (23, 25, 27, or 29), identify regulatory requirements that form a framework for evaluating the aircraft's EMC. Describe key factors in each of the following: Four approaches to aircraft EMC verification and identify the advantages and disadvantages of each.

Prerequisites: None
And one of the following: None

62836 (IVT) Software Reuse in Airborne Systems

Training Manager: AIR-510 Course Length: 16 hour(s)

This course provides an overview of technical topics and safety issues related to software reuse and the FAA's policy and guidance. It also explains industry's motivation for pursuing software reuse.

Prerequisites: None
And one of the following: None

62837 (IVT) Bloodborne Pathogens Awareness

Training Manager: AIR-510 Course Length: 1 hour(s)

This IVT training describes the hazards of bloodborne pathogens while performing aircraft accident investigations. The various bloodborne pathogens are described and there is a discussion of the vaccination for hepatitis B. The course outlines the process for conducting an accident investigation to minimize the exposure to bloodborne pathogens and covers the use and danger of wearing biohazard gear. It fulfills the training requirement specified by FAA Order 8020.11B. It is required for employees identified as being subject to call-out to support an accident response 'go team'.

Prerequisites: None
And one of the following: None

62838 (IVT) Working W/European Community and New EASA (AIR)

Training Manager: AIR-510 Course Length: 6 hour(s)

This course provides information for conducting business with the European community under the regulatory authority of the European Aviation Safety Agency (EASA). The training discusses the structure of EASA and the interface between AVR, EASA, and National Airworthiness Authorities (NAAS) during the transition. This course is for AIR. There is a similar course for AFS.

Prerequisites: None
And one of the following: None

62839 (IVT) Working W/European Community and New EASA (AFS)

Training Manager: AIR-510 Course Length: 4 hour(s)

This course provides information for conducting business with the European community under the regulatory authority of the European Aviation Safety Agency (EASA). The training discusses the structure of EASA and the interface between AVR, EASA, and National Airworthiness Authorities (NAAS) during the transition. This course is targeted to AFS. There is a similar course for air.

Prerequisites: None
And one of the following: None