

ATEC Media Catalog
6/9/2016

TAPE #	TITLE	DESCRIPTION	TIME	PRICE
ATEC 1	767 Walkaround	General overview of the major external features and the passenger cabin of the Boeing 767.	18:05	\$10.00
ATEC 2	Advanced Composite Repair-Prepregnated Materials	This program demonstrates the hot bond procedures used in repairing advanced composite structures with prepregnated materials. The program covers the partial replacement of the core (septum) and bagging procedures.	25:00	\$10.00
ATEC 3	767 Cargo System Operation (Wide Door)	Identifies component operations and loading characteristics. Demonstrates split engine transport system.	41:00	\$10.00
ATEC 7	767 Maintenance Control and Display Panel (MCOP) OV/CL	Describes operational modes of the maintenance control and display panel on the 767. Demonstrates flight fault and ground test modes using MCDP and remote panel in flight deck.	19:54	\$10.00
ATEC 8	767 Fuel System: Servicing and Alternate Procedures	This program shows typical fueling procedures using the automatic and manual modes of operation. It also shows five alternate procedures that allow the airplane to be fueled when there is a problem in the fuel system.	16:42	\$10.00
ATEC 9	767 Fuel System: Overview/Component Location	This program gives an overview of the 767 fuel system. It describes the function and shows component location in the following fuel subsystems: fuel storage, fuel tank venting, fueling, overfill, engine feed, sumping, APU fuel, fuel transfer, fuel jettison, and fuel quantity indicating.	17:30	\$10.00
ATEC 10	767 Equipment Cooling OC	Demonstrates the procedures required to perform and operational check on a portion of the 767 equipment cooling system.	11:32	\$10.00
ATEC 12	767 Pneumatic System OV/CL	Describes system operation, function and location of each of the major components of the system.	15:13	\$10.00
ATEC 15	767 Pneumatic System Fault Isolation	Explains procedures for fault isolation using the built-in test equipment module (BITE)	7:41	\$10.00
ATEC 16	767 Hydraulic System Servicing	Demonstrates the procedures for servicing the hydraulic system from the ground servicing panel using the manual hand pump and the pressure fill port. It also covers the removal of hydraulic fluid in an overfull condition.	13:56	\$10.00
ATEC 17	767 Landing Gear OV/CL	This video module presents and overview of the function and operation of the nose gear and the main gear on the 767 along with component locations and methods of access. The module also shows the various controls and indicators, including EICAS, related to the operation of the landing gear. This module, replaces 767 Landing Gear, completed 2/3/83.	12:36	\$10.00
ATEC 18	767 Landing Gear and Oxygen System OV/CL	This video module presents and overview of the function and operation of the nose gear and the main gear on the 767 along with component locations and methods of access. This module provides an overview of the passenger and crew oxygen systems, as well as system operation and component locations in the flight deck, passenger compartment, and lower lobe.	5:49	\$10.00
ATEC 19	767 Fire Protection: Overviews/Component Location	This program introduces the fire, overheat, and smoke detection systems, and the fire extinguishing system on the 767. It describes the function and operation of the systems and shows the location of the major components.	14:00	\$10.00
ATEC 20	767 Vacuum Toilet System: Servicing	This program shows the procedures for servicing the vacuum toilets on the 767. It covers liquid precharge and dry-chem precharge procedures.	7:40	\$10.00
ATEC 22	767 Passenger Service and Entertainment System	Overview of system operation and location of major components.	8:41	\$10.00
ATEC 23	767 Interior Panels OV/RI	Identifies types of panels, location of various panels, panel access, and demonstrates panel removal and installation.	13:10	\$10.00
ATEC 24	767 Lighting System: Overview/Component Location	This program covers lighting controls and the location of the major components in the lighting system. The following subsystems are covered: flight deck lighting and indication, passenger compartment lighting, service lighting, exterior lighting, and emergency lighting.	14:42	\$10.00
ATEC 25	767 Interphone Systems OV/CL	This program is an introduction to the 767 interphone systems. The program describes the function and location of the major components of all systems that make up the interphone systems. The interphone systems comprise the flight interphone system, the cabin interphone system, the service interphone system, the ground crew call system, and the passenger address system.	14:01	\$10.00
ATEC 27	General Electric CF6-80 VSV/VBV	Presents variable stator vanes and variable bleed valves which are incorporated to increase engine efficiency when operating under less than ideal conditions.	9:47	\$10.00
ATEC 28	767 General Electric CF6-80A Powerplant OV/CL	Engine overviews and component location including oil, hydraulic, fuel control and indication system components.	15:30	\$10.00
ATEC 29	767 Fuel Boost Pump Removal	Covers removal and replacement of fuel boost pumps as well as basic precautions necessary to prevent fuel spills.	7:37	\$10.00
ATEC 30	767 Thrust Reverser System GE CF6-80 OV/CL	Describes thrust reverser system operation as used on GE C176-80 and function of the major components within the system and their location.	9:18	\$10.00

TAPE #	TITLE	DESCRIPTION	TIME	PRICE
ATEC 31	767 Engine Indication and Crew Alerting System (EICAS), GE Engines	This program presents EICAS displays for th 767 with General Electric CF6-80A engines. The program covers the automatic monitoring of engine parameters and selected airplane systems, as well as centralizing of the warning, caution, and advisory system functions. The program identifies the major EICAS system components. This program is for EICAS computer part numbers 403 and 404.	15:33	\$10.00
ATEC 32	767 Powerplant JT9D-7R4 OV/CL	Seven part overvies of engine systems including engine cowling, oil, indication, air, fuel, ignition, starting, control, and thrust reversers.	32:49	\$10.00
ATEC 33	767 Pratt & Whitney JT9D-7R4 VSV/VBV	Discusses the operation of the variable stator vanes and variable bleed valves during starting, takeoff, climb and descent. Includes conditions causing compressor surge when operation under varying conditions. Methods of increasing engine efficiency by regulation and controlling air passing through compressors.	9:06	\$10.00
ATEC 34	767 Pratt & Whitney JT9D-7R4 Oil System	Oil system overview and component location. Includes oil system EICAS indications.	7:26	\$10.00
ATEC 35	767 Engine Indication and Crew Alerting Systme (EICAS), P&W Engines	This program introduces EICAS on the 767 with Pratt & Whitney JT91 engines. The program is for EICAS part numbers 303, 304, and 305.	15:55	\$10.00
ATEC 36	757/767 EICAS Maintenance Pages OV	This program introduces the maintenance function of the engine indicating and crew alerting system.	17:39	\$10.00
ATEC 37	757 Engine Indication and Crew Alerting System (EICAS), P&W Engines	This program presents EICAS displays for the 757 with Pratt & Whitney 2037 engines. The program covers the automatic monitoring of engine parameters and selected airplane systems, as well as centralizing of the warning, caution, and advisory system functions. The program identifies the major EICAS system components. The program is for EICAS computer part number 501.	16:37	\$10.00
ATEC 38	757 Fuel System, Simmonds: Fault Isolation	This program introduces the Simmonds Precision FQJS processor and the information available for fault isolation. It covers typical operation of the processor and the related displays.	11:30	\$10.00
ATEC 39	767 Auxiliary Power Unit OV/CL	This program covers the operation and shows location of the APU components for the 767. It details the main components that make up the system and how they operate.	12:10	\$10.00
ATEC 40	767 Axiliary Power Unit (APU): Fault Isolation/Operational Check	This program describes the procedures for fault isolation and operational check on the APU system for the 767. It describes and demonstrates the procedures used for BITE checks on the APU-18 controller or earlier.	12:09	\$10.00
ATEC 41	Attention! --Electro-Static Discharge Sensitive (ESDS)	Introduction to static awareness gives the viewer a general understanding of static generation, its threat to microelectronic circuitry, and some basic safeguards	18:44	\$10.00
ATEC 43	767 Electrical Power	Locates major system components	7:45	\$10.00
ATEC 44	Electrical Power	Demonstrates the procedures for isolating faults using BITE.	7:17	\$10.00
ATEC 45	757/767 Flight Management System	This film shows the application of a fully integrated, built-from-the-ground-up, digital electronic flight management system in commercial transport planes.	22:00	\$10.00
ATEC 46	767 Flight Management Computer System	Overvies of the system operation and its interfaces, identifying the location of major components.	13:14	\$10.00
ATEC 47	Electronic Flight Instrument System (FI/OC)	Identifies fault-isolation and operational check procedures and allows the viewer to determine if an abnormal EFIS display is caused from within or outside the system.	17:55	\$10.00
ATEC 48	767 Electronic Flight Instrument System (EFIS)	This program provides a basic overview of the 767 electryonic flight instrument system (EFIS). The electronic attitude director indicator (EADI) and the electronic horizontal situation indicator (EHSI) are both demonstrated in their various display modes.	13:25	\$10.00
ATEC 49	767 Air Data System	Identifies the location of the major system components.	8:18	\$10.00
ATEC 50	757/767 Inertial Reference System (IRS): Overview/Component Location	This program is an introduction to the IRS on the 757 and 767. The program covers system overview, operation, and component location. Subjects discussed include: IRS alignment, initialization and flight deck displays, align down-mode, alignment problems causing flashing align annunciators, and the attitude mode. The program is for IRU part numbers S242T101-103 through - 106.	33:54	\$10.00
ATEC 51	767 Radio Navigation System: Component Location	This program introduces the 767 radio navigation system by describing the functio and showing the location of the major components within the eight subsystems. The subsystems are: the air traffic control (ATC) system, the weather radar system, the automatic direction finder system (ADF), the very high frequency omni range system (VOR), the marker beacon system, the instrument landing system (ILS), the distance measuring equipment system (DME) and the radio altimeter system.	22:05	\$10.00
ATEC 52	767 Digital Flight Data Recorder	Overview of the system operation.	5:40	\$10.00
ATEC 53	767 Digital Flight Data Recorder	Identifies the location of the system components.	3:39	\$10.00
ATEC 54	ARINC 429 Part 1	These videos provide an overview of the digital information transfer system, ARINC 429, for Boeing airplanes. The program is broken down into three parts. The first section is an overview of the digital information transfer system. Part 2 addresses BCS and BNR word formats. Part 3 covers AIM and discrete word formats.	31:43	\$10.00
ATEC 55	ARINC 429 Part 2	These videos provide an overview of the digital information transfer system, ARINC 429, for Boeing airplanes. The program is broken down into three parts. The first section is an overview of the digital information transfer system. Part 2 addresses BCS and BNR word formats. Part 3 covers AIM and discrete word formats.	11:45	\$10.00

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ATEC 56	ARINC 429 Part 3	These videos provide an overview of the digital information transfer system, ARINC 429, for Boeing airplanes. The program is broken down into three parts. The first section is an overview of the digital information transfer system. Part 2 addresses BCS and BNR word formats. Part 3 covers AIM and discrete word formats.	14:12	\$10.00
ATEC 57	757/767 Autopilot: Fault Isolation/Operational Check	This program demonstrates fault isolation and operational check procedures for the autopilot flight directory system (AIDS) on the 757 and 767. The program shows how to do these procedures, using the Fault Isolation Manual. The program also shows how to determine the cause of abnormal displays.	15:39	\$10.00
ATEC 58	MCDP Test 40--Autoland	Describes procedures for using maintenance control and display panel to conduct autoland status test.	25:28	\$10.00
ATEC 60	ABC or Jet Propulsion	Describes the basics of jet engine operation	20:00	\$10.00
ATEC 61	747-400 General Familiarization	This program gives an overview of the 747-400 and describes the major systems on the airplane. It explains many of the differences between the 747-400 and earlier models of the 747, particularly in the flight deck. A walkaround of the airplane shows major maintenance-oriented locations and servicing areas.	36:30	\$10.00
ATEC 62	Aircraft Inspection	This program focuses on inspection as the key to maintaining airplane structural integrity and insuring the Boeing built airplanes remain safe, rugged and reliable. The program describes the various programs Boeing has to keep track of the condition of the older Boeing models and how the information is passed on to the airlines. Catching any structural abnormalities early and taking the necessary steps to maintain structural integrity.	9:24	\$10.00
ATEC 63	Boeing Maintenance Manuals - Part 1	Explains purpose and use of the Boeing maintenance manual, describing its organization and contents.	10:50	\$10.00
ATEC 64	Boeing Maintenance Manuals - Part 2	Expands on the information in Part 1, explaining how the manual is beneficial for line maintenance and troubleshooting. Explains the chapter table of contents and manual numbering system.	12:00	\$10.00
ATEC 65	Cold Weather Awareness	This program discusses cold weather awareness as it pertains to jet transport operation. The effects of cold weather on airplane performance, ground maintenance and flight operations are covered.	24:47	\$10.00
ATEC 66	Flame Killer (BCF Halon 1211)	Demonstrates use of Halon fire extinguishers.	12:00	\$10.00
ATEC 67	Flight Crew Oxygen Mask	This presentation demonstrates; the flight crew combined oxygen mask and regulator installed in late model Boeing airplanes.	6:50	\$10.00
ATEC 68	Flight Management System, 757/767	This program is a revision of the earlier program Flight Management System (FMS) OV. Included in the presentation are the IRS, ADI and HSI (EFIS), Autopilot Flight Director System, EICAS, Autothrottle, Flight Management Computers, and associated Control Display Units.	19:03	\$10.00
ATEC 69	In Case of Fire	Demonstrates the recommended use of various fire extinguishers made by the Walter Viddie Company such as are available on Boeing airplanes.	15:25	\$10.00
ATEC 70	737 JT8D Engine Maintenance Safety	This program describes the "safe zones" around the JT8D engine installed on the 737-200, and gives information helpful in preventing accidental ingestion while performing engine maintenance.	12:06	\$10.00
ATEC 71	Working With Skydrol	Fluid characteristics and safety concerns are presented.	27:00	\$10.00
ATEC 72	727 Exterior Inspection	Detailed item-by-item walkaround inspection of the 727 by a Flight Engineer prior to a flight to insure safety by detecting any possible faults.	25:00	\$10.00
ATEC 73	Fuel Panel Demo	Demonstrates configuration and operation of fuel panel.	5:00	\$10.00
ATEC 74	727 Hydraulic Power Systems	Recurrent Training on the 727 hydraulic systems.	55:11	\$10.00
ATEC 75	Pressurization - 727	Recurrent training on the 727 pressurization system.	30:00	\$10.00
ATEC 76	APU - 727	Recurrent training on the 727 Auxiliary Power Unit.	28:58	\$10.00
ATEC 77	Advanced Technology Interiors - More Than Meets The Eye	This module describes the features of the advanced technology interiors of the Boeing 737300/200 jetliners. Maintenance and replacement of panels, surfaces, and components if presented along with passenger service unit features including the oxygen system.	8:13	\$10.00
ATEC 78	737 Digital Flight Control System: Overview/Component Location	This program gives an overview of the 737 digital flight control system, including its five main functions. The program also covers the failures and warnings that may occur for each function, and how BITE can help with fault isolation and repair.	13:57	\$10.00
ATEC 79	CFM-56 Thrust Reverse-Installation and Rigging For Isolated Engines, 737	This program demonstrates the procedures used for installing and rigging the thrust reversers on the Boeing 737 series airplanes, powered by the CFM-56 engine with isolated engine mounts.	20:28	\$10.00
ATEC 80	Engine Run-Operational Check	This program demonstrates the procedures used in an engine run-up and bite check. It shows engine indication during starting, acceleration, deceleration and shut down. Also covered are the indications present during an engine hot start and related bite check.	17:52	\$10.00
ATEC 81	737 Ground Maintenance Bite		30:00	\$10.00
ATEC 82	Maintenance Manual Training	This program provides a general familiarization with the 737 Maintenance Manual. It describes how the manual is organized, and shows methods and procedures used to find specific data. The program demonstrates how to use the manual to solve an actual maintenance problem.	28:53	\$10.00

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ATEC 83	Oxygen System	This video module provides a systems overview, outlines methods of activation, and testing for the flight crew and passenger oxygen system. The module also reviews component locations for both the gaseous and chemical generator oxygen systems on the Boeing 737.	5:32	\$10.00
ATEC 84	Pneumatic System - Component Location, 737	This is a pilot program in which the subject matter expert points out the location of each of the major components of the 737 pneumatic system in system flow order.	9:04	\$10.00
ATEC 85	Pneumatic System - Overview, 737	This pilot program is an introduction to the pneumatic system using graphics and polar motion to indicate flow paths of the sources of compressed air. The graphics are supplemented by actual airplane footage.	7:37	\$10.00
ATEC 86	737-300 Power Plant, CFM56-3 Engines: Component Location	This program presents the major components of the CFM56-3 engine on the 737-300.	10:32	\$10.00
ATEC 87	Quick Change (QC) 737-200	Shows the quick change of a 737-200 by Sabena Airlines crew, indicating that with proper equipment and training, a quick change can be made in about 13 minutes.	15:18	\$10.00
ATEC 88	Termination Service - Oil and Hydraulic Systems (737)	Demonstrates typical servicing of 737 fluid levels specifically, engine oil. Constant speed drive, APU, and hydraulic fluid levels for "A" and "B" and standby systems.	14:14	\$10.00
ATEC 89	ACCESS OV/CL, 747400	This program gives an overview of the Advanced Cabin Entertainment and Service System (ACCESS) on the 747-400. It also shows system operation, discusses the major components in the system, and shows where they are located.	20:55	\$10.00
ATEC 91	747-400 Engine Indication and Crew Alerting System (EICAS): Overview	This program introduces EICAS for the 747-400. It covers the main EICAS display, which shows primary engine data and crew alerting messages. The program also covers the auxiliary EICAS display, which shows either secondary engine data, airplane status information, system synoptic displays, or maintenance pages.	16:45	\$10.00
ATEC 92	747-400 Electrical Power System: Overview/Component Location	This program is a four-part summary of the 747-400 electrical power system. The program covers power sources, electrical buses, generator channels, and flight deck controls and indications. The program also discusses operation of, and shows the locations for, major components.	37:57	\$10.00
ATEC 93	747-400 Electronic Flight Instrument System (EFIS): Overview/Component Location	This program is an overview of EFIS, showing the location and function of major system components. It covers the primary flight display and the navigation display, as well as the major controls associated with them.	15:27	\$10.00
ATEC 95	Exterior Preflight Inspection, 747-400	This program demonstrates a typical exterior preflight inspection of the 747-400.	15:03	\$10.00
ATEC 97	Fuel Management Provisions	Covers from refueling to fuel jettison. Includes overviews of tanks and controls, describing fuel management.	8:48	\$10.00
ATEC 98	Ground Servicing Walkaround, 747-400	This video program shows the location and identifies some of the unique characteristics of the major servicing points on the Boeing 747-400. The program also describes the new procedures for fuel and lavatory systems servicing. In addition, it contains information about approaching the number two doors with service vehicles.	7:40	\$10.00
ATEC 99	Hydraulic Powered Systems	Shows approach at "Flaps Five" and demonstrates live control actions for operating all of the flight controls, landing gears and brakes. Animated graphics show the affected components. All normal and backup systems and controls are included.	15:25	\$10.00
ATEC 101	Tapered and Straight Reamers	Installing and preparing a tapered hole with a tapered reamer to capture a tapered pin; solid straight fluted reamer design and use.	20:00	\$20.00
ATEC 102	Engine Removal and Return Overview	The process of transport aircraft engine removal and transfer to an overhaul facility.	10:00	\$20.00
ATEC 103	Intro to Aircraft Line Maintenance & Log Book Handling	Non routine maintenance tasks; problem communication by flight crew to maintenance control center, flight continuance determination and schedule of repair by maintenance technician; recordkeeping actions following corrective actions at both line stations and contract maintenance stations, including malfunction and defect report.	20:00	\$20.00
ATEC 104	Ultrasonic Testing	Ultrasonic testing basics; old slide tape put on video tape	60:00	\$20.00
ATEC 105	Ultrasonic Testing 2 of 2	See ATEC 104	60:00	\$20.00
ATEC 106	Electronic Log Book Update	Internal company procedures for logbook handling; talking head video; too many acronyms.	20:00	\$20.00
ATEC 107	Welcome to Airframe Maintenance (An intro to overhaul)	Heavy maintenance visit to United's overhaul facility - overview of - cleaning - interior removal; engine maintenance; fuel tank maintenance; air cycle maintenance; hydraulic system servicing; control cables; radio & electronic; cockpit; paint.	20:00	\$20.00
ATEC 108	General Aircraft Jacking	Overview of procedures for jacking a 727. Includes A/C preparations and jack selection.	10:00	\$20.00
ATEC 109	Aircraft Weighing	General information about transport category aircraft weight and balance, including preparing the aircraft, draining fuel, filling water and fluids, procedures for jack placement, load cell and weighing procedures.	15:00	\$20.00
ATEC 110	Use and Abuse of Twist Drills	Twist drill manufacturing, terminology, and proper method of operation.	30:00	\$20.00
ATEC 111	Tools and Rules for Precision Measuring	Procedures for the correct use of precision measuring instruments.	30:00	\$20.00
ATEC 112	Taps and Dies	Methods for using assorted taps and dies in different applications.	20:00	\$20.00
ATEC 113	Micrometers and Verniers	Micrometer and vernier construction, use and care.	20:00	\$20.00

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ATEC 116	757 Electrical Power System: Overview/Component Location	This program introduces the 757 electrical power system and shows the location of major electrical system components. This program is in three parts. Part one covers power sources. Part two describes electrical system control. Part three introduces dc and secondary electrical systems.	21:00	\$20.00
ATEC 117	757 Electrical Power System: Fault Isolation/Operational Check	This program is an introduction to 757 electrical power system fault isolation and operational check procedures. The program shows how BITE circuitry performs continuous system testing, status monitoring, and fault isolation analysis for all line replaceable units.	14:46	\$20.00
ATEC 120	757 Cabin Pressure: Overview/Component Location	This program describes 757 cabin pressure system operation and locates the major components in the system.	10:56	\$20.00
ATEC 121	757 Air-conditioning System: Overview/Component Location	This program gives an overview of the 757 airconditioning system operation. It also shows the location of major components in the system.	13:40	\$20.00
ATEC 122	757 Interphone System: Overview/Component Location	This program gives an overview of 757 interphone system operation. The program also identifies location of major system components.	13:12	\$20.00
ATEC 123	757 Mode Control Display Panel (MCOP): Overview	This program describes operational modes of the MCDP on the 757. The program demonstrates flight fault and ground test modes using the MCDP and the remote panel in the flight deck.	19:41	\$20.00
ATEC 124	757 Lighting System: Overview/Component Location	This program describes the operation of the 757 lighting system and identifies the location of major system components.	16:28	\$20.00
ATEC 125	757 Radio Systems: Overview/Component Location	This program is an overview of the 757 radio systems. It shows system operation and location of major system components. The program does not include intercom and radio navigation systems.	13:37	\$20.00
ATEC 126	757 Fire Protection System: Overview/Component Location	This program describes 757 fire protection system operation and shows the location of major system components.	17:30	\$20.00
ATEC 127	757 Flight Management Computer System (FMCS): Overview/component Location	This program gives an overview of the 757 FMCS operation. The program also describes FMCS interfaces, and identifies location of major system components.	13:16	\$20.00
ATEC 128	757 Ice and Rail Protection: Overview	This program gives an overview of how to safeguard the 757 from a buildup of ice on the windows and wings.	14:11	\$20.00
ATEC 129	757 Air-Conditioning System: Fault Isolation and Operational Check	This program demonstrates procedures for an operational check of the 757 air-conditioning system. The program includes a fault isolation of the flow control and shutoff valve. It also includes a special verify test procedure on the automatic pack temperature controller.	19:52	\$20.00
ATEC 130	757 Passenger/service Doors: Operation/Opening Procedure	This program demonstrates proper opening procedures for the 757 passenger/service doors. Using proper procedures, as demonstrated in this program, will avoid causing damage to the guide arm assembly.	4:46	\$20.00
ATEC 131	757 Antiskid/Autobrake: Fault Isolation/Operational Check	This program demonstrates fault isolation and functional test procedures on the 757 antiskid/autobrake unit.	15:26	\$20.00
ATEC 132	757 Air Data System: Overview/Component Location	This program presents an overview of the 757 air data system. The program also covers the system's major components, their location, and operation. It also shows air data system instrument fit indications.	10:18	\$20.00
ATEC 133	757 Engine Indication and Crew Alerting System (EICAS), Pratt & Whitney 2000 Series Engines	This video is an introduction to the maintenance functions of EICAS on the 757 with Pratt Whitney 2000 series engines. The program shows the displays of the system parameters in real-time, automatic, and manual event modes. It shows procedures for recording and erasing of events and exceedances. It also shows the function and operation of the configuration/MCDP test pages, and the electronic propulsion control systems pages. The program is for EICAS computer part number 511.	20:13	\$20.00
ATEC 134	757 Landing Gear: Overview/Component Location	This program gives an overview of the 757 landing gear system. The program also identifies the components in the system and it shows operation of the nose and main gear, alternate extension, and wheels and brakes.	12:35	\$20.00
ATEC 135	757 Hydraulic System: Servicing	This program demonstrates procedures for servicing the hydraulic system on the 757. The program shows how to service the hydraulic system from the ground servicing panel using the manual hand pump and pressure fill port. The program also covers removal of hydraulic fluid in an overfull condition.	13:01	\$20.00
ATEC 136	757 Power Plant, Pratt & Whitney 2000 Series Engines: Overview/Component Location	This is an eight-part program the Pratt & Whitney 2000 series engine. It covers the following engine systems: oil, indication, air, fuel, electronic engine control, ignition and starting, and thrust reversers.	42:09	\$20.00
ATEC 137	757 Equipment Cooling: Problem Identification	This program outlines procedures for problem identification on the 757 equipment cooling system. The program describes EICAS troubleshooting techniques for the forward and aft equipment cooling systems. It describes various failure indications and their meanings. The program details the equipment configuration applicable to line 103 and on, for airplanes that have incorporated Service Bulletin 75721-0037.	16:02	\$20.00
ATEC 138	757 Thrust Reverser System, Rolls-Royce RB211-53SE4 Engines: Overview/Component Location Operational Check	This program is an introduction to the thrust reverser system for the 757 with Rolls-Royce RB211-53SE4 engines. It covers a general overview of the thrust reversers and the procedures for an operational check of the system.	13:01	\$20.00

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ATEC 139	757/767 Ground Proximity Warning System: Overview/Component Location	This program is an introduction to the ground proximity warning system on the 757 and 767. The program describes operation, functions, and locations of the major system components. Through simulation, the program shows the warnings and alerts that occur in different phases and conditions of flight. The system provides visual and voice warnings and advisory messages; these messages alert the flight crew to unsafe conditions due to terrain proximity.	17:03	\$20.00
ATEC 140	747-400 Autopilot Flight Director System (AFDS): Overview/Component Location	This program is an overview of the 747-400 AFDS. The video describes the operation of the system, and gives the location of major system components.	11:51	\$20.00
ATEC 141	Oxygen System: Overview/Component Location	This program provides an overview of the 757 passenger and crew oxygen system. The program shows system operation and oxygen system component locations in the flight deck, passenger compartment, and lower lobe.	5:33	\$20.00
ATEC 142	757 Pneumatic System, Pratt & Whitney 2000 Series Engines: Overview/Component Location	This program introduces you to the pneumatic system for the 757 with Pratt & Whitney 2000 series engines. The program explains the purpose of the pneumatic system, and it explains the system's operation. The program also identifies and locates the pneumatic major components.	14:21	\$20.00
ATEC 143	737 Illustrated Parts Catalog Training	This program gives an overview of the 737 Illustrated Parts Catalog (IPC) and provides training in how to use it. The program explains how the IPC is organized. It also shows how to use the IPC step by step, with two practical examples: one in which you know the part number and one in which you don't.	27:56	\$20.00
ATEC 144	747-400 Flight Management Computer System (FMCS): Overview/Component Location	This program gives an overview of the FMCS for the 747-400. It describes the functions of major components in the system and shows their locations. It shows how the system operates and what its capabilities are. The program also demonstrates the built-in test features of FMCS.	20:27	\$20.00
ATEC 145	747-400 Power Plant, Pratt & Whitney 4000 Engines: Overview/Component Location	This program presents a systems overview and shows the locations of the major components for the Pratt & Whitney 400 engine as installed on the 747-400. The program is divided into eight sections that topically and sequentially follow the relevant ATA chapters on power plants.	47:06	\$20.00
ATEC 146	747-400 Engine Indication and Crew Alerting System (EICAS), APU Maintenance Page	This program introduces the auxiliary power unit (APU) maintenance page on EICAS. It shows how to access the page, and covers the information on it.	7:07	\$20.00
ATEC 147	747-400 Central Maintenance Computer OV/CL	This program provides an overview of the 747-400 central maintenance computer system (CIVICS). It shows how to access information stored in the central maintenance computer and how to perform system tests using the control display unit.	14:50	\$20.00
ATEC 148	Advanced Composite Repair: Wet Layup	This program demonstrates the procedures for repairing a composite panel using the wet layup method. The repair is done in two stages, which cover a partial core replacement and then seven surface plies. The repair procedures are outlined in the structural repair manual.	29:24	\$20.00
ATEC 149	747-400 Traffic Alert and Collision Avoidance System: Overview	This program gives an overview of the traffic alert and collision avoidance system. It includes intruder scenarios, flight deck controls and displays, and maintenance tests.	12:52	\$20.00
ATEC 150	757 Fuel System: Servicing and Alternate Procedures	This program shows typical fueling procedures using the automatic and manual modes of operation. It also shows five alternate procedures that allow the airplane to be fueled when there is a problem in the fuel system.	16:50	\$20.00
ATEC 151	737 Electronic Flight Instrument System (EFIS), Standard Configuration: Overview/Component Location	This program explains 737 EFIS with the standard configuration. The program describes all modes and displays.	21:07	\$20.00
ATEC 152	747-400 Structures	This video describes the major structural components of Boeing airplanes, using the 747-400 as the model. Timelapse film allows you to see these components, including the fuselage and wings, during various phases of construction. Special attention is given to areas that affect maintenance practices.	15:09	\$20.00
ATEC 153	747-400 Air-Conditioning System: Component Location	This program introduces the 747-400 air-conditioning system, and shows the locations of the major system components.	18:15	\$20.00
ATEC 154	747-400 Flight Controls: Overview/Component Location	This program is an introduction to the flight control surfaces and the associated components on the 747-400. The program demonstrates the function and operation of each of the control surfaces, as well as the locations of the major components.	30:04	\$20.00
ATEC 155	747-400 Vacuum Toilet System: Overview/Component Location	This program provides an overview of the 747-400 vacuum toilet system, and shows the locations of the system's major components.	10:17	\$20.00
ATEC 156	757 Fuel System: Overview/Component Location	This program is an overview of the 757 fuel system. It describes the system function and shows the location of the major components in the system.	17:47	\$20.00
ATEC 157	737 Inertial Reference System (IRS): Overview	This program describes maintenance procedures for the 737 IRS, including full alignment, rapid realignment, and attitude mode. It also covers basic system operation and theory.	12:27	\$20.00

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ATEC 158	737 Inertial Reference System (IRS): Fault Isolation	This program demonstrates non-normal IRS operation for the 737. It shows how to isolate faults that occur with this system, particularly during IRS alignment. The program also describes IRS fault indications, the IRS accuracy test, and the IRS interface test.	13:18	\$20.00
ATEC 159	737 CFM56 Engine: Maintenance Safety	This program makes ground service personnel aware of safety concerns and practices for working around the CFM56 engine on the 737 during motoring and ground idle speed operation.	16:21	\$20.00
ATEC 160	757 Flight Management Computer System Overview (Non-HM CDU)	This program gives an overview of the flight management computer system for the 757, including basic maintenance practices. The program is for customers who have the nonhybrid multipurpose control display unit.	12:04	\$20.00
ATEC 161	757 Flight controls, Wing: Overview/Component Location	This program is an introduction to the flight control surfaces and associated components on the 757 wing. The program covers function and operation of each of the control surfaces, as well as location of major components.	18:54	\$20.00
ATEC 162	Composite Structures Awareness	This program helps the viewer to understand where and why composites are used on the airplane. In a series of three short vignettes, everyday occurrences are shown that compromise the structural integrity of the airplane.	11:44	\$20.00
ATEC 163	757 Flight Controls, Tail: Overview/Component Location	This program is an introduction to the flight control surfaces and associated components on the 757 tail. The program covers function and operation of each of the control surfaces, as well as location of major components.	19:05	\$20.00
ATEC 164	757/767 Autoland: Overview	This program shows the importance of the autoland system by following a flight crew as they perform a category 3 autoland. It also shows the proper procedures to troubleshoot the autoland system and perform a verification check.	10:27	\$20.00
ATEC 165	757 Hydraulics: Overview/Component Location	This video provides an overview of the 757 hydraulic systems and their components. Each of the three systems is looked at in detail as to specific pumps, valves, reservoirs, and filter modules. The hydraulic control panel in the flight deck is reviewed as well.	13:35	\$20.00
ATEC 166	757 Autopilot Flight Director System: Overview/Component Location	This program introduces the autopilot flight director system (AFDS) for the 757. It is produced in three parts: part one covers autopilot introduction and flight deck operation, part two covers the maintenance control and display panel or MCDP, part three covers the system components.	17:24	\$20.00
ATEC 167	757 Radio Navigation: Overview/Component Location	This program introduces the 757 radio navigation system by describing the function and showing the location of the major components within eight subsystems. The subsystems are the air traffic control (ATC) system, the weather radar system, the automatic direction finder system (ADO), the very high frequency omni range system (VOR), the marker beacon system, the instrument landing system (ILS), the distance measuring equipment system (DME), and the radio altimeter system.	22:05	\$20.00
ATEC 168	747-400 Power Plant, General Electric CF6-80C2F Engines: Overview/Component Location	This program presents a systems overview and shows the locations of the major components for the General Electric CF6-80C2F engine as installed on the 747-400. The program is divided into eight sections that topically and sequentially follow the relevant ATA chapters on power plants.	39:50	\$20.00
ATEC 169	757 Electronic Flight Instrument System (EFIS)	This program provides a basic overview of the 757 electronic flight instrument system (EFIS). The electronic attitude director indicator (EADI) and the electronic horizontal situation indicator (EHSI) are both demonstrated in their various display modes.	13:25	\$20.00
ATEC 170	737 Fuel Leak Detection and Repair	This program covers the main steps in finding a fuel tank leak and repairing it. We look at a leak located in the wing-to-body join area. The leak exit point is detected by using the talcum powder method, and the entry point is located by using the blowback/bubble method.	12:24	\$20.00
ATEC 171	757 Fuel Leak Detection and Repair	This program covers the main steps in finding a fuel tank leak and repairing it. We look at a leak located in the No. 2 dry bay. The leak entry point is detected by pressurizing the dry bay and using the bubble method.	10:00	\$20.00
ATEC 172	777 Ground Safety Awareness	This program provides a general overview of safety considerations when working around or on the 777. Topics covered include engine blast and safety zones, foreign object damage (FOD), operation of airplane doors, and fall protection.	12:19	\$20.00
ATEC 173	Canadair Challenger CL-604 Walkaround		15:00	\$20.00
ATEC 174	Compilation Tape MSG-3 Video Hints and Tips		180:00	\$40.00
ATEC 175	Global Express PowerPoint Maintenance Presentation	An overview of the Global Express aircraft from a maintenance point of view. It gives a good overview of the major systems and components. A good use of drawings, diagrams, and photos help explain the operation of the various aircraft systems.	NA	\$20.00
ATEC 176	Challenger 604 Pilot Training Manuals	The complete set of Challenger 604 pilot training manuals. Your computer will need Ventura 8 converting to Framemaker for Text and Graphics in order to bring up the training materials.	NA	\$20.00

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ATEC 177	Challenger CL 604 Maintenance Training Manuals	This CD-ROM contains the complete set of Challenger 604 aviation maintenance training manuals. It also includes avionics training material for the Challenger 604. Your computer will need Microsoft Word 97 for text and Correlle Draw 8 for Graphics in order to bring up the training materials.	NA	\$20.00
ATEC 178	Global Express BD 700 Pilot Training Manuals	This CD-ROM contains the complete set of Global Express BD 700 pilot training manuals. Your computer will need Framemaker for Text and Correlle 8, exported to EPS then to Framemaker, for Graphics in order to bring up the training materials.	NA	\$20.00
ATEC 179	Global Express BD 700 Maintenance Training Manuals	This CD-ROM includes the complete set of Global Express BD 700 maintenance training manuals. Your computer will need Microsoft Word 97 for Text and Correlle Draw 8 for Graphics in order to bring up the training materials.	NA	\$20.00
ATEC 180	Pratt & Whitney JT8D on Wing Borescoping	JT8D-200 On Wing Boroscopying pn80175	14:40	\$20.00
ATEC 181	Pratt & Whitney JT8D-200 on Wing Borescoping	JT8D-200 On Wing Boroscopying pn80177	18:52	\$20.00
ATEC 182	Pratt & Whitney JT8D Hot Section Borescoping	JT8D Hot Section pn803743	10:00	\$20.00
ATEC 183	Pratt & Whitney JT9D-7Q Borescoping Combustion Chamber	JT9D-7Q Boroscope inspection of combustion chamber pn793003	12:28	\$20.00
ATEC 184	Pratt & Whitney JT9D-7R4 Electronic Engine Control	JT9D-7R4 Electronic engine control for Airbus A310/A300-600 Aircraft pn 802125	11:00	\$20.00
ATEC 185	Pratt & Whitney JT9D-7R4 Eddy Current Inspection	JT9D-7R4 Eddy Current inspection RT pn819066	12:00	\$20.00
ATEC 186	Pratt & Whitney Inspection and Repair of Titanium Blades and Vanes	Inspection and repair of Titanium blades and vanes pn779515	16:00	\$20.00
ATEC 187	Pratt & Whitney Care and Handling of Borescope Equipment	Care and handling of boroscope equipment pn803899	10:20	\$20.00
ATEC 188	Pratt & Whitney On-Wing Wiring Splicing	On wing wire splicing pn808174	21:38	\$20.00
ATEC 189	Pratt & Whitney Securing External Plumbing	Securing external plumbing pn808294	19:00	\$20.00
ATEC 190	Pratt & Whitney Securing External Plumbing II	Securing external plumbing pn808599	11:45	\$20.00
ATEC 191	Pratt & Whitney JT9D-7R/A310 Inspection prior to cowl closing	JT9D-7R4/A310 Visual inspection prior to cowl closing pn811050	11:48	\$20.00
ATEC 192	Pratt & Whitney PW4000 Series Engine Sectionalization - I	PW4000 sectionalization removal tape #1 pn809109	52:00	\$20.00
ATEC 193	Pratt & Whitney PW4000 Series Engine Sectionalization - II	PW4000 sectionalization removal tape #2 pn809109	53:45	\$20.00
ATEC 194	Pratt & Whitney PW4000 Series Engine Sectionalization - III	PW4000 sectionalization removal tape #3 pn809109	57:00	\$20.00
ATEC 195	Pratt & Whitney PW4000 Series Engine Sectionalization - VI	PW4000 sectionalization removal tape #4 pn809109	45:39	\$20.00
ATEC 196	Pratt & Whitney PW4000 Series Engine Sectionalization - VI	PW4000 sectionalization removal tape #5 pn809109	42:40	\$20.00
ATEC 197	Michelin aircraft tire checkpoints and maintenance		22:16	\$20.00
ATEC 200	Southwest EEC Software Load		10:51	\$20.00
ATEC 201	Southwest TIC Ramp Test		32:52	\$20.00
ATEC 202	Southwest Oxygen mask packing		7:54	\$20.00
ATEC 203	Southwest nitrogen fuel tank inerting system		12:43	\$20.00