

AD-A140 409

CABIN SAFETY SUBJECT INDEX(U) FEDERAL AVIATION
ADMINISTRATION WASHINGTON DC OFFICE OF AVIATION
MEDICINE D W POLLARD ET AL. JAN 84 FAA-AM-84-1

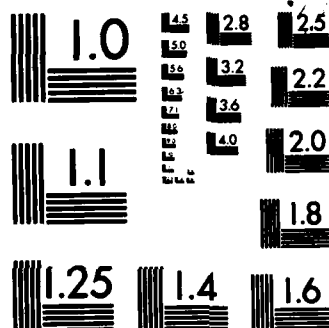
1/1

UNCLASSIFIED

F/G 5/2

NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

AD A140409

FAA-AM-84-1

CABIN SAFETY SUBJECT INDEX

Donell W. Pollard
Jo Ann Steen
W. J. Biron*
Rick L. Cremer*

FAA Civil Aeromedical Institute
P.O. Box 25082
Oklahoma City, Oklahoma 73125

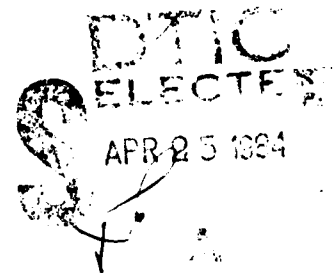
*Air Carrier Branch
Air Transport Division
Office of Flight Operations
Federal Aviation Administration
800 Independence Avenue, S.W.
Washington, D.C. 20591



JANUARY 1984

Document is available to the public through the
National Technical Information Service,
Springfield, Virginia 22161

Prepared for
U.S. DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration
Office of Aviation Medicine
Washington, D.C. 20591



DTIC FILE COPY

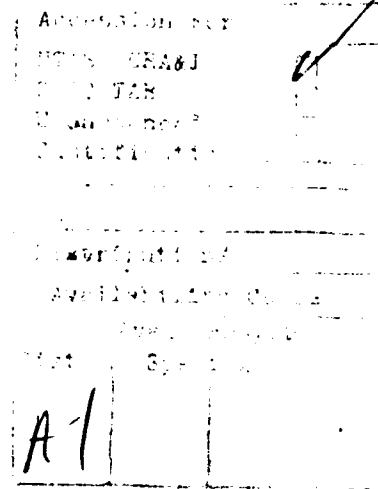
84 04 24 012

NOTICE

This document is disseminated under the sponsorship of the Department of Transportation in the interest of information exchange. The United States Government assumes no liability for its contents or use thereof.

Technical Report Documentation Page

1. Report No. FAA-AM-84-1	2. Government Accession No. AD-A140409	3. Recipient's Catalog No.	
4. Title and Subtitle CABIN SAFETY SUBJECT INDEX		5. Report Date January 1984	
		6. Performing Organization Code	
		8. Performing Organization Report No.	
7. Author(s) Donell W. Pollard, Jo Ann Steen, W. J. Biron and Rick L. Cremer		10. Work Unit No. (TRAIS)	
9. Performing Organization Name and Address FAA Civil Aeromedical Institute P.O. Box 25082 Oklahoma City, Oklahoma 73125		11. Contract or Grant No.	
		13. Type of Report and Period Covered	
12. Sponsoring Agency Name and Address Office of Aviation Medicine & Office of Flight Operations (Air Transport Division, Air Carrier Branch) Federal Aviation Administration 800 Independence Avenue, S.W. Washington, D.C. 20591		14. Sponsoring Agency Code	
15. Supplementary Notes Research leading to preparation of this report was performed under tasks AM-B-82-PRS-22 and AM-B-83-PRS-67.			
16. Abstract The most frequently used Federal Aviation Administration published cabin safety information is indexed and cross referenced. This includes Federal Aviation Regulations numbers, Air Carrier Operations Bulletin numbers, Advisory Circular numbers, and Office of Aviation Medicine report numbers. ↑			
17. Key Words Cabin Safety		18. Distribution Statement Document is available to the public through the National Technical Information Service, Springfield, Virginia 22161	
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 15	22. Price



Cabin Safety Workshops were originated in 1975 to promote exchange of information between members of the Federal Aviation Administration (FAA) Civil Aeromedical Institute (CAMI) Protection and Survival Laboratory staff and members of the aviation community interested primarily in cabin safety. Over 800 people have participated in these small group sessions. They have included airline emergency procedures instructors, airline executives, flight attendants, pilots, crewmember union representatives, aircraft equipment manufacturers' representatives, and FAA inspectors. Upon request, cabin safety presentations, which summarize some of the information provided at the workshops, have been given to various aviation groups, FAA Academy inspector classes, and FAA District Offices. Protection and Survival researchers lead discussions in topics which include research in seats and restraint systems, crash injury protection, brace for impact positions, protective breathing equipment, water survival equipment, aircraft emergency lighting systems, aircraft evacuation procedures, and aircraft occupant injuries. The FAA has published much information regarding these subjects; however, during the workshops, it became obvious that most participants were unaware of much of the information available. Therefore, in order to promote awareness of these documents and facilitate ease in finding the most frequently mentioned cabin safety subjects, an index of references was developed. This index constitutes the body of this document.

Users of the index should be aware that documents may be changed and updated; therefore the listing may not be complete. However, it should provide a useful and efficient guide to most cabin safety information.

****FAA Airworthiness Bulletins may be located in the 8340 series of FAA orders.**

SUBJECT INDEX/CROSS REFERENCE FOR CABIN SAFETY REGULATIONS,
PROCEDURES AND ADVISORY MATERIAL

The subject index/cross reference material of this section gives references which may be useful to those dealing with cabin safety. However, it should be remembered that Part 25 of the Federal Aviation Regulations (FAR) deals with the certification of aircraft and has little application to operational requirements.

There are four Parts of the FAR pertaining to operating requirements: 91, 121, 125, and 135. Many aircraft such as corporate DC-9's, CV-580's, etc., that were previously operated under FAR Part 91D, now come under FAR Part 125 if they have over 20 seats or 6,000 pounds of cargo capacity. Users of regulations should determine the pertinence of requirements to the operation in question.

ABBREVIATIONS

ACOB Air Carrier Operations Bulletin
AC Advisory Circular
AD Airworthiness Directive
FAA-AM FAA Office of Aviation Medicine Report
FAR Federal Aviation Regulations
PMA Parts Manufacturer Approval
STC Supplemental Type Certificate
TSO Technical Standard Order

SUBJECT INDEX

ADMISSION TO FLIGHT DECK

FAR 121.542: sterile cockpit
FAR 121.547: persons who may be admitted to flight deck
FAR 121.548: Aviation Safety Inspectors
FAR 121.550: secret service agents
FAR 121.587: locking

AISLES

FAR 121.310(f): emergency exit access

ALCOHOL

FAR 108.11, 108.21: armed passengers
FAR 121.575: alcoholic beverages
ACOB 220 (1-76-19): potential hazardous conditions of flight
ACOB 221 (1-76-20): surveillance during cabin enroutes

FAA-AM-68-18, 79-26, 82-3: effects on performance at altitude
FAA-AM-70-5: effects of altitude on blood levels
FAA-AM-72-11: effects on problem solving
FAA-AM-79-7, 79-26: hangover effects

ARMING EMERGENCY SLIDE

FAR 121.310(a): means for emergency escape
ACOB 205 (1-76-4): procedures

ASHTRAYS

FAR 25.853(e), 121.215: requirement
AD 74-08-09: requirement in lavatories

AUTHORITY TO REFUSE TRANSPORT (also see handicapped)

FAR 121.533: authority of the pilot-in-command
FAR 121.586: conditions necessary for refusal to carry handicapped

BAGGAGE (see carry-on baggage)

BAGGAGE COMPARTMENT

FAR 121.215, 121.285: requirements for cabin interiors
FAR 121.285: requirements
FAR 121.221: fire precautions
ACOB 915 (8-76-14): restraint of all items of mass

BARS

ACOB 219 (1-76-18): standup bars

BEVERAGES

FAR 121.575: alcoholic
FAR 121.577: food/beverage service equipment
ACOB 207 (1-76-6): stowage of food/beverage service items during
takeoff/landing
ACOB 208 (1-76-7): fire hazard created by plastic or styrofoam cups and
glasses
ACOB 217 (1-76-16): service of hot liquids

BEVERAGE CART

FAR 121.576: retention of items of mass
FAR 121.577: food/beverage service equipment
ACOB 214 (1-76-14): food service cart lift
ACOB 215(6) (1-76-15): inadequate stowage of carts
ACOB 216 (1-76-15): food/beverage serving carts
ACOB 915(c) (8-76-14): stowage of galley items when not in use

BRACE FOR IMPACT POSITIONS

ACOB 224 (1-76-23): descriptive information
ACOB 930 (8-76-29): addition to checklist to prepare passengers

BRIEFING (also see passenger information)

FAR 121.333(f): use of oxygen

FAR 121.571: requirement

FAR 121.573: extended overwater operations

AD 74-08-09: prohibition against smoking

ACOB 218 (1-76-17): announcement of smoking prohibition in lavatories

ACOB 227 (1-80-1): location and use of required flotation equipment

AC 120.32: briefing of handicapped

AC 121.24: passenger information

CABIN EQUIPMENT (also see safety equipment, signs, seat belts, equipment)

ACOB 203 (1-76-2): predeparture checks by flight attendants

ACOB 206 (1-76-5): seat backs upright for takeoff/landing

CANES

FAR 121.589: stowage

FAA-AM-80-12: used by blind passengers

CARDS (see passenger information)

CARGO (also see carry-on baggage)

FAR 121.285: cargo in passenger compartment

FAR 121.287: cargo in cargo compartment

FAR 121.309(c): fire extinguishers

CARRY-ON BAGGAGE

FAR 121.285: cargo in passenger compartment

FAR 121.589: carry-on baggage

ACOB 207 (1-76-69): stowage locations for carry-on baggage

ACOB 915 (8-76-14): restraint of all baggage

CARTS (see beverage cart, galley)

CHILD/INFANT RESTRAINT DEVICES

TSO C-100: FAA approval also through STC/PMA procedures

FAA-AM-78-12: child/infant systems

COCKPIT KEY

FAR 121.313(g): requirement

CRASH AX

FAR 121.309(e): requirement and location

CREW

FAR 1.1: definition of crewmember and flight crewmembers

FAR 121.397: duties

FAR 121.417: training, coordination, responsibilities, and duties

FAR 121.683: crewmember records

ACOB 928(b) (8-76-27): flight attendant reporting potentially hazardous conditions

CREW BAGGAGE

FAR 121.576: stowage

ACOB 915 (8-76-14): restraint of crew baggage

CREW OPERATING EXPERIENCE QUALIFICATIONS (also see training)

FAR 121.415(g): training ensures crewmember remains trained

FAR 121.432: general

FAR 121.433: required

FAR 121.434: operating experience

FAR 121.569: equipment interchange

DANGEROUS ARTICLES

FAR 121.401: training

FAR 121.433(a): training regarding handling

FAA-AM-82-12: transport limits for radioactive material

DECOMPRESSION (also see hypoxia, oxygen masks)

FAR 121.417: training

FAA-AM-66-10: effects on performance

DEMONSTRATIONS

FAR 121.291: requirement for demonstration evacuation and ditching procedures

FAR 121.391: number of flight attendants required

FAR 121.397: evacuation duties

FAR 121 APPENDIX D: evacuation/ditching demonstration procedures

ACOB 913 (8-76-12): demonstrations of portability of slide/raft assemblies

DEVIATIONS/WAIVERS

FAR 91.63: waivers, general

FAR 121.161: route

FAR 121.163: proving test

FAR 121.339: extended overwater operations

FAR 121.57: waivers, general

FAR 121.557: emergencies

DIET (see food)

DINING TRAYS

FAR 121.577: food/beverage service equipment

ACOB 207 (1-76-6): guidance on prohibition against takeoff/landing with service items not properly stored

DISTRIBUTION OF FLIGHT ATTENDANTS

FAR 121.391(d): distribution

ACOB 211 (1-76-10): distribution

ACOB 212 (1-76-11): duty assignment of required/nonrequired flight attendants

DITCHING (also see overwater equipment)

FAR 121.291: requirement for demonstration of ditching procedures

FAR 121.417: training

FAR 121 APPENDIX D: evacuation/ditching demonstration procedures

DOORS

FAR 121.313: miscellaneous equipment

FAR 121.587: cockpit

ACOB 204 (1-76-3): routine opening/closing of wide-bodied jet doors

DRUGS (also see narcotic drugs)

FAR 91.11: use of

FAR 91.12, 121.15: carriage of

AC 91-47: use of

FAA-AM-73-12: marihuana

FAA-AM-75-6: marihuana and altitude effects on performance

DUTIES

FAR 121.391: flight attendant duties

FAR 121.397: emergency and evacuation duties

ACOB 212 (1-76-11): duties of flight attendant

ACOB 228 (1-82-1): assignment activities of supernumerary personnel

ELECTRONIC DEVICES

FAR 91.19: use of

AC 91-47: use of

EMERGENCY EQUIPMENT (also look under specific equipment)

FAR 121.309: general

FAR 121.310: additional

FAR 121.339: extended overwater operations

FAR 121.340: flotation means

FAR 121.353: operation over uninhabited terrain area

FAR 121.363: responsibility for airworthiness

FAR 121.369: manual requirements for maintenance of emergency equipment

FAR 121.417: crewmember emergency training

FAR 121.574: oxygen for medicinal use by passengers

ACOB 203 (1-76-2): predeparture check by flight attendant

EMERGENCY EXIT (also see evacuation)

FAR 121.285: cargo in passenger compartment

FAR 121.310: means for evacuation/escape route, exit marking

FAR 121.313: placards

FAR 121.391: flight attendant seating

FAR 121.417: training

FAR 121.571: briefing

FAR 121.574(a)(7): medicinal oxygen must not block

ACOB 508 (4-76-7): DC-8-61 lifelines attached to exits

AC 20-60: accessibility to excess exits

EMERGENCY LIGHT OPERATION

FAR 121.310(d): interior

EVACUATION (also see demonstration, evacuation slides)

FAR 121.291: emergency evacuation procedures/demonstration

FAR 121.310(f): seat/berth obstruction

FAR 121.311(h): secure restraints to avoid interference with occupant egress

FAR 121.391: flight attendant duties

FAR 121.397: duties, aircraft evacuation

FAR 121.417: crewmember training

FAR 121 APPENDIX D: evacuation/ditching demonstration procedures

ACOB 222 (1-76-21): training, slide operation

ACOB 305 (2-76-4): F-27 forward cargo door for emergency situations

ACOB 404 (3-76-3): emergency escape overwing exit on DC-9-10

ACOB 911 (8-76-10): procedures and training for evacuations

ACOB 930 (8-76-29): preparation for brace for impact; emergency checklist addition

ACOB 938 (8-76-37): cockpit emergency evacuation checklist

FAA Airworthiness Bulletin 8320.13 3/3/81: marking door mounted escape chute containers

FAA-AM-62-9, 65-7, 70-16: after air carrier accidents

FAA-AM-63-30: bibliography

FAA-AM-66-42, 70-19: tests using 1649 and SST mockup

FAA-AM-77-11: handicapped passengers

FAA-AM-78-3: passenger flow rates between compartments

FAA-AM-79-5: acoustic signals for exit location

FAA-AM-79-6, 79-23, 82-8: injuries

EVACUATION SLIDES

FAR 121.309: marking of slides

FAR 121.310: requirement; use of and arming/disarming

FAR 121.417: training

TSO-C69a: minimum performance

ACOB 205 (1-76-4): slide arming procedures

ACOB 222 (1-76-21): slide operation/training

FAA Airworthiness Bulletin 8320.13 3/3/81: marking door mounted escape chute containers

EXIT MARKINGS

FAR 121.310: interior, exterior

FAA-AM-79-22, 80-13, 81-7: readability of emergency signs in smoke

EXTENDED OVERWATER FLIGHT (also see overwater operations)

FAR 1.1: definition

FIRES

FAR 121.221: precautions

FAR 121.417: training

ACOB 208 (1-76-7): fire hazard of plastic or styrofoam cups and glasses

ACOB 215(4) (1-76-14): fire in lower lobe galley
ACOB 218 (1-76-17): in-flight lavatory fires
ACOB 966 (8-82-1): cabin fluorescent light ballast fires

FIRE EXTINGUISHERS

FAR 121.221: requirement in compartments
FAR 121.309: requirements
FAR 121.417: training
AC 20.42(b): hand fire extinguishers for use in aircraft

FIRST AID EQUIPMENT

FAR 121.309: general
FAR 121.329, 121.331, 121.333: oxygen
FAR 121.417: training
FAR 121.574: oxygen, passenger medicinal use
FAR 121 APPENDIX A: list of equipment
ACOB 905 (8-76-4): approving items for use in first aid kits

FLASHLIGHTS

FAR 121.310(1): stowage provisions; accessible each flight attendant seat
FAR 121.549: flying equipment; each crewmember must have flashlight

FLIGHT ATTENDANTS

FAR 121.333: oxygen requirements
FAR 121.391: number, seating, intermediate stations, during taxi
FAR 121.417, 121.418, 121.427, 121.433: training
FAR 121.432: qualifications
FAR 121.434: operating experience
FAR 121.583: carriage of flight attendants when aircraft not in compliance with passenger carrying requirements
FAA Maintenance Bulletin E430.1A-25.9: flight attendant automatic seat retraction
ACOB 211 (1-76-10): distribution of flight attendants
ACOB 212 (1-76-11): duties of required/non-required flight attendants
ACOB 217 (1-76-16): injuries from spillage of hot liquids
ACOB 228 (1-82-1): supernumerary personnel/flight attendants' duties
FAA-AM-75-2: anthropometry
FAA-AM-75-13: functional strength
FAA-AM-79-23, 82-8: flight attendant injuries

FLIGHT CREWMEMBER

FAR 1.1: definition

FLOTATION MEANS (also see overwater equipment)

FAR 121.339: overwater equipment
FAR 121.340: means of emergency flotation
ACOB 227 (1-80-1): crew training on equipment
AC 20-56A: marking
TSO C-72A: flotation cushions

FAA-AM-66-13: seat cushion flotation
FAA-AM-71-37: infant flotation device
FAA-AM-78-1: flotation and survival equipment studies

FOOD

ACOB 207 (1-76-6): prohibition about food at seat during takeoff/landing
FAA-AM-81-2: effects of diet on human tolerances
FAA-AM-81-8: effects of diet on performance

GALLEY EQUIPMENT (also see lower lobe)

FAR 121.421: flight attendant training
FAR 121.576: retention of items of mass
FAR 121.577: equipment during takeoff/landing
ACOB 207 (1-76-6): beverage/food items stowed for takeoff/landing
ACOB 208 (1-76-7): fire hazard of plastic or styrofoam cups and glasses
ACOB 213 (1-76-12): training
ACOB 214 (1-76-13): food service cart lift
ACOB 215 (1-76-14): lower lobe galley problems
ACOB 915 (8-76-14): restrained when not in use/being moved

GALLEY LIFTS

ACOB 215(a5) (1-76-14): inoperable galley lift procedures

HANDICAPPED

FAR 121.571, 121.573: briefing passengers
FAR 121.586: transportation of
FAR 121.589: canes
AC 120.32: carriage of handicapped
AC 121.24: briefing of handicapped
FAA-AM-77-11: evacuation of handicapped
FAA-AM-80-12: canes stowage/evacuation

HAZARDOUS MATERIALS (see dangerous articles)

HIJACKING

FAR 121.417, 121.421: training
FAA-AM-78-35: deterrence

HYPOXIA

FAR 121.417: training
FAA-AM-62-6, 63-33: human tolerance
FAA-AM-66-10, 66-15, 71-11, 71-17: performance decrement
FAA-AM-66-28: oxygen need
FAA-AM-75-6: interaction with marihuana
FAA-AM-76-15, 78-30, 80-20: susceptibility with sickle cell trait

INJURIES IN CABIN

FAA-AM-80-12: cabin safety data bank

INTERCHANGE EQUIPMENT

FAR 121.569: equipment interchange

INTERFERENCE WITH CREWMEMBER

AVIATION ACT OF 1958, 902(j): definition of interference, applicability,
and possible penalties

INTERPHONE

FAR 121.318: public address system
FAR 121.319: use of

LAVATORY

FAR 121.215: requirements for towel and waste receptacles
AD 74-08-09: lavatory marking and equipment
ACOB 218 (1-76-17): in-flight lavatory fires

LIFELINES

FAR 25.1411(g): requirement
FAR 121.417: training on
ACOB 508 (4-76-7): DC-8-61 lifelines
ACOB 945 (8-76-44): lifeline provisions for extended overwater
operations

LIFE RAFT/LIFE VEST (also see overwater equipment)

FAR 121.339: emergency equipment requirements
FAR 121.340: location and other requirements
FAR 121.417: training
FAR 121.573: briefing for extended overwater operations
FAR 121.583: requirements when not complying with passenger carrying
requirements

LIGHTING SYSTEMS

FAR 121.310: interior, exterior
FAA Airworthiness Bulletin 8320.252: guidance concerning operation of
activation emergency lights

LIGHTS

FAR 121.310: flashlight stowage provisions
FAR 121.339: lights on life vests (overwater equipment)
FAR 121.549: flashlights

LOAD LIMIT

FAR 25.787: placarded weight
FAR 121.285: cargo in passenger compartment

LOUNGE AREAS

ACOB 220 (1-76-19): excessive numbers of people congregating

LOWER LOBE (also see galley, galley equipment, restraint)

FAR 25.1439: protective breathing equipment
ACOB 213 (1-76-12): training
ACOB 214 (1-76-13): food service cart lift
ACOB 215 (1-76-14): problems associated with lower lobe
ACOB 226 (1-77-1): use of ovens as space heaters

MANUALS

FAR 121.131: applicability
FAR 121.133: preparation
FAR 121.135: contents
FAR 121.137: distribution and availability
FAR 121.139: on aircraft
FAR 121.369: requirements

MARIJUANA (also see narcotic drugs)

FAR 121.15: carriage of

MECHANICAL IRREGULARITIES

FAR 121.563: reporting
FAR 121.701: maintenance log; aircraft
FAR 121.703: mechanical reliability reports
ACOB 928 (8-76-27): reporting potentially hazardous conditions
AC.120.30A: reporting requirement commercial air carriers

MEGAPHONES

FAR 121.309(f): requirement and location
AC 121-6: portable battery powered megaphones

NARCOTIC DRUGS

FAR 121.15: carriage of
FAA-AM-69-9: effects on complex performance
FAA-AM-73-12: marihuana
FAA-AM-75-6: marihuana and altitude effects on performance

OFFICE OF AVIATION MEDICINE (OAM)

Reports prefixed FAA-AM are Office of Aviation Medicine reports.

Indexes of all OAM reports are available (FAA-AM-81-1, 83-1).

Specific documents may be ordered from the NATIONAL TECHNICAL
INFORMATION SERVICE, Springfield, Virginia 22161.

OVERWATER OPERATIONS (also see ditching, lifelines)

FAR 1.1: definition of extended overwater flight
FAR 121.161: route limitations
FAR 121.339: emergency equipment
FAR 121.340: flotation means
FAR 121.573: extended overwater operations
FAR 121.583: passenger carrying requirements
TSO-13d: minimum performance standards for life preservers
FAA-AM-78-1: flotation and survival equipment studies
FAA-AM-71-37: infant flotation device
FAA-AM-66-13: cushion flotation

OXYGEN (also see decompression, oxygen masks)

FAR 25.1439: separate compartments (lower lobe)
FAR 25.1450: chemical oxygen generators
FAR 121.327, 121.329, 121.331, 121.333: supplemental oxygen

FAR 121.417: training
FAR 121.574: medicinal use by passengers
ACOB 225 (1-76-24): crew training on chemical oxygen generators
FAA-AM-63-27: flammability of toiletries
FAA-AM-66-28: need at altitude
FAA-AM-78-9: system design

OXYGEN MASKS

FAR 25.1439: lower lobe
FAR 121.333: use of
FAA-AM-62-21, 66-7, 66-20, 67-3, 67-9, 72-10, 78-4, 79-13, 80-18:
evaluation
FAA-AM-66-9: design for children
FAA-AM-66-10: donning time after decompression
FAA-AM-76-5, 78-4, 78-14, 78-41: crew smoke-protective devices

OZONE

FAR 121.578: amount of ozone permissible in cabin, testing requirements
AC 120-38: method of compliance with 121.578
FAA-AM-79-20, 80-9: effects under simulated flight conditions
FAA-AM-80-16: chronic effects

PA SYSTEM (see public address system)

PASSENGER BRIEFING

FAR 121.333: oxygen
FAR 121.417: training
FAR 121.571: before takeoff
FAR 121.573: extended overwater operations
AD 74-08-09: prohibition against smoking
ACOB 218 (1-76-17): include prohibition against smoking in lavatory
ACOB 824 (7-76-23): seat belt discipline when sign is illuminated for
a prolonged time
AC 121-24: passenger briefing

PASSENGER INFORMATION

FAR 25.791, 121.317: signs
FAR 121.571: information cards
AD 74-08-09: requirement for no smoking signs and announcements
ACOB 224 (1-76-23): brace for impact positions
ACOB 225 (1-76-24): information regarding oxygen chemical generators
ACOB 404(a) (3-76-3): DC-9-10 cards showing escape route off wings when
using overwing exits
AC 121.24: provides information regarding cards and briefing

PILOTS

FAR 1.1: definition of pilot-in-command
FAR 121.533, 121.535, 121.537: responsibility and authority
FAR 121.545: manipulation of controls
FAR 121.557: emergencies
FAR 121.563: reporting of mechanical irregularities

PLACARD

FAR 25.811: exit markings
FAR 121.215, 121.285, 121.309, 121.317, 121.589: requirements for
placards on compartments
FAR 121.313: miscellaneous equipment
AD 74-08-09: no smoking placards

PRISONER (also see security)

FAR 108.21: armed law enforcement escorts

PROBLEM PASSENGER

FAR 108.21: prisoner
FAR 121.575: alcoholic beverages
AC 120-32: transportation of handicapped passengers
AC 120-34: transportation of mental patients
AC 121-18A: carriage of weapons and escorted persons

PROTECTIVE BREATHING EQUIPMENT (also see oxygen equipment)

FAR 25.1439: lower lobe galley (aircraft certificated under FAR Part 25)
FAA-AM-76-5, 78-4, 78-14, 78-41: crew smoke-protective devices

PUBLIC ADDRESS (PA) SYSTEM

FAR 121.318: use of
FAR 121.319: interphone system
FAR 121.421: training

REFUSING PASSENGER TRANSPORTATION

FAR 108.9: screening of passengers and property
FAR 121.575: alcoholic beverages
FAR 121.586: authority to refuse transportation

REGULATION, INTERPRETATION/GUIDANCE

ACOB 205 (1-76-4): interpretation of FAR 121.310(a) slide arming
ACOB 206 (1-76-5): interpretation of FAR 121.311(d) seat backs upright
ACOB 207 (1-76-6): interpretation of FAR 121.577 and 121.589 stowage
of service items and baggage
ACOB 915 (8-76-14): interpretation of FAR 121.576 restraint of crew
baggage and galley equipment

RESPONSIBILITY FOR OPERATIONAL CONTROL

FAR 121.533, 121.535, 121.537: pilot-in-command

SEATBELT DISCIPLINE

ACOB 824 (7-76-23): actions relative to turbulent air

SEATS/SAFETY BELTS

FAR 121.285: cargo in passenger compartment
FAR 121.311: use, requirement
FAR 121.317: passenger information
Maintenance Bulletin B430.1A-25-9: flight attendant automatic seat
retraction

ACOB 206 (1-76-5): upright position for takeoff/landing
ACOB 223 (1-76-22): protruding arm rests
FAA-AM-62-7, 69-13: rearward-facing
FAA-AM-63-30: bibliography
FAA-AM-65-14: shoulder harness design
FAA-AM-66-33: upper body restraint installation
FAA-AM-68-24: lapbelt effects on pregnant female
FAA-AM-69-13: side-facing
FAA-AM-71-12: acceptance of upper torso restraint
FAA-AM-72-3, 82-7: shoulder harness benefits
FAA-AM-78-6, 78-24, 79-17, 80-3, 81-10, 82-7: evaluation
FAA-AM-78-12: child/infant systems

SECURITY

see FAR Part 108 and AC 121-17 Aviation Security

SERVICE ITEMS (also see galley)

FAR 121.577: stowage of service items for takeoff/landing
ACOB 207 (1-76-6): stowage of service items for takeoff/landing
ACOB 915 (8-76-14): restraint of serving carts when not in use

SHOULDER HARNESS (also see seats/safety belts)

FAR 121.311: use, requirement

SIGNS (see passenger information, placards)

SLIDE/RAFT (also see evacuation, evacuation equipment)

FAR 121.417: crewmember training
ACOB 913 (8-76-12): demonstration of portability; automatic slide/raft assemblies

SMOKING

FAR 25.791: passenger information signs
FAR 121.285: obstruction of no smoking sign
FAR 121.317: passenger information
FAR 121.571: briefing passengers before takeoff
AD 74-08-09: signs and announcements prohibiting smoking
FAA-AM-80-11: effects on aviation safety

SUPERNUMERARY PERSONNEL

ACOB 228(c)(4) (1-82-1): use of supernumerary personnel in aircraft cabins

SURVIVAL TRAINING/SURVIVING PASSENGERS

FAR 121.339, 121.353: survival kit
ACOB 959 (8-80-2): crewmember survival training
ACOB 940 (8-76-39): care of passengers following air carrier accidents

TAILCONE

ACOB 907 (8-76-6): guidelines for DC-9 tailcone training device approval

TRAINING

FAR 121.400: applicability
FAR 121.401: program, general
FAR 121.403: curriculum
FAR 121.405: program, revision
FAR 121.415: requirements
FAR 121.417: emergency
FAR 121.421: flight attendant
FAR 121.427: recurrent
FAR 121.432: general crewmember qualifications
FAR 121.433: training required
FAR 121.434: operating experience
FAR 121.569: interchange of equipment
ACOB 202 (1-76-1): flight attendant training
ACOB 213 (1-76-12): training for lower lobe galleys
ACOB 222 (1-76-21): training for evacuations
ACOB 225 (1-76-24): crew training in use of chemical oxygen generators
ACOB 907 (8-76-6): guidelines for DC-9 tailcone training device approval
ACOB 911 (8-76-10): procedures and training for evacuation
ACOB 928 (8-76-27): training on the reporting of equipment malfunctions or situations which might threaten safety of flight or passengers
ACOB 940 (8-76-39): care of passengers following air carrier accidents
ACOB 947 (8-76-46): crewmember emergency training; use of mockups and FAA statement of policy
ACOB 959 (8-80-2): crewmember survival training
ACOB 965 (8-82-1): cabin fluorescent light ballast fires

TURBULENCE

ACOB 216 (1-76-15): food/beverage serving carts
ACOB 219 (1-76-18): standup bars
ACOB 824 (7-76-23): actions relative to turbulence encounters
ACOB 915 (8-76-14): restraint of galley service items during turbulence

VENTILATION

FAR 25.831, 121.219: standards for adequate ventilation
FAR 121.421: flight attendant training on ventilation controls

WEAPONS (also see security)

FAR 108.11: carriage of weapons
FAR 108.21: carriage of persons under control of armed law enforcement escorts
FAR 121.575: alcoholic beverages
AC-18A: carriage of weapons and escorted passengers

WIDE-BODIED AIRCRAFT (wide-bodied aircraft specifically mentioned)

ACOB 204 (1-76-3): opening/closing doors
ACOB 211 (1-76-10): distribution of flight attendants
ACOB 213 (1-76-12): training program: lower lobe galleys
ACOB 214 (1-76-13): food service cart lifts
ACOB 215 (1-76-14): problems associated with lower lobe galleys

END

FILMED

6-34

DTIC