

INDEX

A				Page
Abscess				
Periapical	-----	10-6		
Periodontal	-----	10-9		
Acceleration				
Abrupt	-----	4-23		
Angular	-----	4-4		
Coriolis	-----	4-16		
Eye Effects	-----	8-2		
Linear	-----	4-3		
Radial	-----	4-4		
Accelerative Forces				
Applied to Aviation	-----	4-2		
Effects of	-----	4-1		
Sensory Responses to	-----	4-13		
Accident				
Aircraft	-----	14-1; 15-1		
Biological Agent	-----	24-5		
Chemical Agent	-----	24-5		
Acclimatization				
Cold	-----	5-10		
Heat	-----	5-11		
Acoustic Energy	-----	7-9, 10		
Acuity				
Hearing	-----	7-3, 4		
Visual	-----	8-6; 25-13		
Aeration	-----	22-2		
Aerial				
Equilibration	-----	4-13		
Spray	-----	23-3		
Aero-embolism	-----	3-1		
Aero-emphysema	-----	3-1		
Aeromedical Evacuation				
Aircraft Used in	-----	19-7		
Care of Patients During Flight	-----	19-15		
Coordination, Control and Communication	-----	19-6		
Domestic	-----	19-1		
Evaluation of Patients for	-----	19-20		
Intertheater	-----	19-2		
Intratheater	-----	19-2		
Aerosinusitis	-----	3-5		
Aerospace Medicine				
Practice	-----	1-1		
Program	-----	1-1		
Aerotitis	-----	3-3		
Externa	-----	7-14		
Air				
Chemical Composition of	-----	2-6		
Pulmonary, Composition of	-----	2-6		
Transportation	-----	19-1		
Aircraft				
Aeromedical	-----	19-7		
Axes of	-----	4-1		
Climates in	-----	5-4		
Motion, Basic Principles of	-----	4-1		
Search for	-----	17-2		
Aircraft Accident Investigation	-----	15-4, 11		
Pathology of	-----	14-1, 3		
Phases of	-----	15-11		
Photography in	-----	15-18		
Procedures for	-----	14-1; 15-4, 5, 6, 18		
Reports Required	-----	14-8; 15-19		
Submission of Specimens	-----	14-7		
Aircrew				
Medical Selection of	-----	1-1; 15-1		
Nutrition	-----	13-1		
Aircrew Effectiveness Problems	-----	1-2, 3		
Airlift	-----	19-1		
Airsickness	-----	4-21; 19-24		
Drugs for	-----	4-22; 11-3		
Symptoms of	-----	4-22		
Alcohol, Toxic	-----	14-5		
Alpha Radiation	-----	24-3		
PAC-1S Survey Meter	-----	24-4		
Altitude Ranges	-----	8-1, 2		
Analeptics	-----	11-2, 3		
Anemia	-----	19-22		
Aneroid Controller	-----	18-7		
Anesthesia, Local	-----	10-12		
Anti-G Suits	-----	4-11		
Aphthae (Canker Sores)	-----	10-11		
Apollo Project	-----	25-9		
Armed Forces Institute of Pathology (AFIP)	-----	14-1		
Armed Forces Pest Control Board	-----	23-2		
Arthropods				
Control of	-----	23-2		
Urticating	-----	23-11		
Astronauts				
Medical Examination of	-----	25-3		
Recovery of	-----	25-6, 7		
Selection of	-----	25-3		
Atmosphere	-----	5-1		
Autokinesis	-----	4-16		
Automatic Escape System	-----	16-3		
Automatic Safety Belt	-----	16-3		
Autopsy	-----	14-3; 15-6, 10		
Aviation				
Accelerative Forces in	-----	4-2		
Fuel	-----	21-15, 16		

	Page		Page
Aviation (cont'd)		Caries, Dental	10-1
Pathology	14-1	Casualty	
Safety	15-1	Classification	15-6, 10
Axis		Holding	15-7
Lateral	4-1	Staging	19-6
Longitudinal	4-1	Chemical Warfare	24-5
Vertical	4-1	Chlorination, Water	22-3
		Chlorobromomethane (CB)	21-18
B		Chokes	3-4
Bag, Quarter Deployment	16-11	Chorioretinal Burns	8-8
Bailout		Climate	5-1
Bottle (H-2)	16-7, 9	Climate Stresses, Physiological	
High Altitude	16-7	Cooling Stress	5-9
Manual	16-13	Heat Load	5-9
Oxygen Supply	16-7	"Clo" Units	5-12; 16-10
Procedures	16-15	Coagulation (Water)	22-2
Barodontalgia	3-4; 10-7	Cockpit Illumination	8-17
Barometric Pressure	3-1	Cockroaches	23-7
Barosinusitis	6-6	Cold	
Symptoms and Signs of	6-6	Exposure	16-10
Treatment of	6-17	Injury	5-14, 16, 17
Barotitis Media	6-1	Treatment of	5-17
Acute	6-3	Color Perception	8-6
Delayed	6-4	Combat, Reactions to	9-3
Recurrent	6-4	Communicable Disease Control	20-1
Symptomatology	6-3	Community Environmental Control	20-3
Treatment of	6-4, 5	Conduction	5-6
Bedbugs	23-9	Loss of	7-3
Bees	23-11	Cone (Retina)	8-14, 15
Bends	3-3	Contamination	21-4; 22-2, 4; 24-3, 4
Beverages	13-7	Convection	5-6
Bio-assay Samples	24-4	Coolant Fluid	21-17
Bioastronautics	25-1	Coriolis Acceleration	4-16
Bioenvironmental Engineering	20-2	Counterpressure	18-1
Biological Warfare	20-4; 24-5	Conventional Methods for	18-1
Bladder Pressure Suit	18-5	Coverall	18-3, 5
Body Temperature, Regulation of	5-6	Cranial Injuries	19-18
Bottle		Crash Alert System	15-4
Bailout	16-7, 9	Criterion, Damage Risk (Hearing)	7-2
Walk-Around	16-10, 13, 15	Curve, Oxygen Dissociation	2-13, 14
Boyle's Law	3-1; 6-1		
"Broken Arrow"	24-2, 4	D	
BTPS	2-2	"D" Ring	16-6, 7
		Dalton's Law	2-6
C		Dark Adaptation	8-15
Cabin Pressurization	2-26; 18-7	Preservation of	8-15, 16
Cambridge Cockpit Studies	12-1	Deafness, Temporary (Tinnitus)	7-3
Canals, Semicircular	4-13	Deceleration	4-23, 29, 33
Canopy	16-1	Decompression	
Inversion in	16-18	Explosive	3-7
Capacity		Rapid	3-6
Functional Residual	2-3	Decompression Sickness	3-1
Inspiratory	2-2	Pathology of	14-4
Total Lung	2-3	Decontamination	24-2, 5
Vital	2-3	Defenders, Ear	
Capstan Pressure Suit	18-3	Indoctrination on Need and Use of	7-15
Capsule Ejection	4-26; 16-11	Precautions in Use of	7-12
Carbon Dioxide	21-18	Protection Provided	7-12
Carbon Monoxide	14-5; 21-11, 12	Types of	7-12

	Page
Defenders, Ear (cont'd)	
Use in Flight	7-14
Use in Ground Operations	7-14
Denitrogenation	3-2, 5
Dental	
Erosion	10-5
Identification	10-23
Record	10-25
Restoration	10-25, 28
Dentistry	10-2
Diatomite Filtration	22-5
Diffusion	2-3
Disaster	
Planning	15-4, 5
Preparedness	15-4, 5; 24-1
Disease Vector Control	23-3
Disorders, Psychiatric	
Environmental Factors	9-1, 2
Personality Factors	9-1, 2
Stress	9-1
Disorientation, Spatial	4-19; 14-4; 15-13
Diurnal Rhythm	12-5
Dosimetry, Film	24-4
Drugs	
Air Force Policy on	11-4
Airsickness	11-3
Antibiotic	11-2
Fatigue	11-4
Pathology of	14-5
Prophylactic	11-1
Self-Medication	11-1
Space Flight	25-23
Synthetic	11-2
Tolerance to Hypoxia	11-2
Use and Abuse of	11-4
Vision	8-18
Dysbarism	3-1; 19-19
Neurocirculatory	3-5
E	
Earmuffs	7-12
Earplugs	7-12
Ebullism	2-11; 3-1
Eccentric Fixation	8-14
Egress	
Methods of	16-3
Systems	15-15
Ejection	
At Supersonic Speed	8-13
Capsule	4-26; 16-11
Seats	4-24; 16-3
Systems	4-26, 29; 15-15
Unsuccessful	15-17
Emphysema	19-18
Environmental Factors	
Fatigue	12-3
Psychiatric Disorders	9-2
Environmental Pollution	
Control of	20-20

	Page
Epidemiology	20-3
Equilibrium	1-13
Equipment	
Accident Investigation	14-2; 15-8, 10, 19
Communication	15-8
Crash Ambulance	15-8
Food Service	13-9, 11
Oxygen	2-28
Parachute	16-1
Personal	15-8, 17; 24-2
Rescue Missions	17-2
Survey (Environmental Contamination)	21-4
Survival	15-17; 17-5
Erosion, Dental	10-5
Escape	
Capsules	4-26, 37
Emergency	16-3
High Altitude	16-7
Low Altitude	16-7
Systems, Development of	4-24
Ethylene Glycol	21-17
Evacuation	
Aeromedical	19-1
Oral Fracture	10-21
Evaporation	5-6
Evolved Bubble Theory	3-2
Evolved Gases	3-2
Examination	
Medical	1-2; 15-1
Post Mortem	10-25; 14-3
Exchange, Gas	2-17
Exhaust Gases	21-4
Exosphere	5-1
Explosive Decompression	3-7
Extraction, Tooth	10-14
Eyes	
Chorioretinal Burns	8-8
Effect of Acceleration	8-2
Effect of Glare	8-2
Effect of Hypoxia	8-1; 19-23
Effect of Light	8-4
Effect of Space Myopia	8-3
Effect of Sunlight	8-3
Effect of Vibration	8-9
Flashblindness	8-8
Lag in Visual Perception	8-10
Light Reflection	8-4
Problems of	8-1; 19-23; 21-19
F	
Fat Emboli Theory	3-3
Fatigue	1-2; 7-4
Acute Skill	12-2
Chronic Flying	12-4
Definition of	12-2
Drugs for	11-4; 12-6
Effects of Noise	7-4
Management of	12-4
Potentials	12-2

	Page		Page
Fatigue (cont'd)		Gamma Radiation	24-3
Problems of	12-1	Gases	
Research	12-1	Evolved	3-2
Varieties of	12-2	Exhaust	21-4
Fear of Flying	9-4	Toxic	21-4
Feeding		Gasoline, Aviation	21-15
Flight	13-1	Gemini Project	25-8
Ground	13-1	Gingivitis	10-8
In-Flight	13-2	Glare, High Altitude	8-2, 5
Of Patients	13-15	Gloves	
Postflight	13-14	Pressurized	18-3, 5, 6
Preflight	13-2	Type MG-1	18-5
Survival	13-15	Glucose	11-2
Film Dosimetry	24-4	Goggles, Use of	8-7
Filter		Group Identification	9-2
Colored	8-4		
Diatomite	22-5		
Lenses	8-4, 5	H	
Neutral	8-5	Harness (Parachute)	16-1, 3
Polarizing	8-5	Hazard Control	21-1
Reflecting	8-5	Headsets	4-40; 7-12
Fire Extinguishants	21-18	Health	
Flashblindness	8-8	Administration	20-1, 3
Fleas	23-5	Education	20-4
Flies	23-3	Physics	24-4
Floc	22-2	Hearing Loss	
Flocculation	22-2	Description of	7-2
Fluoridation	22-4	Incidence of	7-3
Flying		Noise-Induced	7-2
Activities	15-2	Permanent	7-3
Fear of	9-4	Temporary	7-2, 3
Helmet	4-39, 40, 41	Heat	
Illusions of	4-16	Cramps	5-9
Medical Examination for	1-2; 15-1	Exhaustion	5-9
Safety Participation	15-2, 3	Load	5-9
Safety Program	15-1	Stroke	5-9
Stress	9-1	Helmet	
Sunglass Lenses Used in	8-7	Flying	4-39, 40, 41
Food Packet, In-Flight	13-4	Pressure Suit	18-3, 5, 6
Fovea	8-14	Henry's Law	2-13; 3-1
Fracture		Hydraulic Fluid	21-16
Oral	10-21	Hyperventilation	2-19; 19-22
Tooth Crown	10-4	Hypoxia	2-11, 20, 22
Vertebrae	4-38, 39	Drugs for	11-2, 3
Free Fall	4-35, 36; 16-9	Effect on Night Vision	8-18
Frostbite	5-14; 16-10	In Aeromedical Evacuation	19-20
Fuels		Latent Period of	3-10
Aviation	21-15, 16	Pathology of	14-3, 4
JP	21-16	Visual Effects of	8-1
Nuclear	24-2		
Toxic	21-4	I	
Full Pressure Suit	18-3, 6	Identification	
		Dental Records	10-23
G		Remains	14-3; 15-10
G Forces	4-3	IF Rations	13-4
Anti-G Devices	4-11	Illumination, Cockpit	8-17
Effects of	4-5	Illusions of Flying	4-16
Tolerance	4-9	Immersion, Cold-Water	5-14
Galley	13-12	Industrial Disease	21-1, 2
		Industrial Hygiene	20-3

	Page		Page
Inertia	4-2	Leans	4-18
Infection		Libraries, Medical	20-4
Herpetetic	10-10	Lice	23-5
Odontogenic	10-6	Life Support SPO	17-6
In-Flight Feeding	13-2	Local Base Rescue (LBR)	17-2
Infraction	6-7	Lung Capacity, Total	2-3
Infrared Light	8-4		
Injury		M	
Aircraft Accident	15-11	M-1 Maneuver	4-11
Cold	5-14	Mandible	
Eye	8-8; 19-23; 21-19	Dislocation of	10-22
Jaw	10-16, 17	Stabilization of	10-17
Pneumothorax	19-17	Maneuver	
Windblast	4-32; 16-5, 6	M-1	4-11
Insecticides	23-2, 14	Valsalva	4-9; 6-4
Insects	23-2	Manned Space Flight	25-2
Instrument Flight	4-18, 19	Effects of	25-13
Insulation, Thermal	5-12	Medical Support of	25-5
Intelligence, Medical	20-4	Recovery in	25-6, 7
Interference, Noise	7-1	Maser	21-18
Inversion, Parachute	16-18	Mask, Oxygen	2-28, 29, 31
Iodine Tablet	22-8	Master Menu Board	13-1
Ionizing Radiation	21-18; 24-2, 3	Meals	
Ionosphere	5-1	Bite-Size	13-7
Isotope, Plutonium	24-2	Breakfast	13-5
		Bulk Issue	13-7
J		Flight, Microbiology of	13-13
Joint Committee on Aviation Pathology		Foil Pack	13-7
(JCAP)	14-1	Precooked Frozen	13-4
JP Fuels	21-16	Precooked Hot	13-5
		Sandwich	13-4
K		Space Flight	13-8, 9; 25-22
Kit		Mercury Project	25-8
Crash Ambulance	15-8	Mesopic Vision	8-14
Flight, Ground and Missile Safety	15-3	Mesosphere	5-1
Flight Surgeon's	15-8	Missile	
Flyaway	14-2	Fuel	21-18
Space Flight Medical and Accessory	25-25	Operations, Psychiatric Aspects of	9-5
Survival	17-5	Oxidizers	21-18
		Mites	23-7
L		Morale	9-2
Labyrinth, Nonauditory	4-20	Mosquitoes	23-3
Landing	4-37	Motion, Newton's Laws on	4-2
Crash	4-38	Motivation	9-2
Footgear for	16-21	Myopia	
Ground	4-37; 16-19	Night	8-15
In Telephone and Power Wires	16-21	Space	8-3
In Trees	16-21		
Night	16-21	N	
Parachute	15-16; 16-19, 20	Neurocirculatory Dysbarism	3-5
Water	16-21	Newton's Laws of Motion	4-2
Laser	21-32	Night Landing	16-21
Latent Period of Hypoxia	3-10	Night Myopia	8-15
Launch-Site Support	25-7	Night Vision	8-14
Law		Practical Problems in	8-15
Boyle's	3-1; 6-1	Training	8-18
Dalton's	2-6	Nitrogen Bubbles	3-1
Henry's	2-13; 3-1	Noise	
Newton's	4-2	Aerodynamic	7-6

	Page		Page
Noise (cont'd)		Pathology (cont'd)	
Effect on Man	7-1, 5	Decompression Sickness	14-4
Effect on Speech Perception	7-4	Drugs	14-5
Effect on Work Output	7-5	Hypoxia	14-3
Ground Operations	7-9	Soft Tissue	10-8
Hazardous Exposure to	7-1, 3	Support	14-1
Helicopter	7-8	Temperature	14-5
In Flight	7-5	Windblast	14-4
In Turbojet and Turboprop-Powered Aircraft	7-6, 9	Patient Care	
In Turboprop-Powered Aircraft	7-7, 10	In-Flight	19-15, 21
Nonauditory Effects of	7-2, 4	Postflight	19-21
Protection Against	7-10	Preflight	19-20
Nuclear		Perception	
Accidents	24-2	Latent	8-10
Devices	8-7, 8	Speech	7-4
Warfare	20-4; 24-2	Visual	8-10
Nutrition	1-3; 13-1; 20-4	Performance Decrement (Fatigue)	12-1, 3
O		Perfusion	2-4
Occupational Health	20-3	Pericoronitis	10-11
Occupational Medicine	20-1; 21-1	Personality Factors (Psychiatric Disorders)	9-1, 2
Flight Surgeon's Role in	21-1	Pest Insect Control	23-7
Odontalgia	10-1	Pesticides	23-13
Oil Fumes	21-17	Phenomena	
Ophthalmic Filters	8-4	Baro-physical	10-7
Optical Illusion	4-16	Temperature	5-4
Oxygen		Photochromatic Interval	8-15
Continuous-Flow System	2-28	Photopic Vision	8-14
Demand-Type System	2-30; 18-1	Physiological Processes	
Dissociation Curve	2-13, 14	Metabolic	5-8
Equipment	2-28	Respiratory	5-8
Liquid System	2-37	Vascular	5-8
Mask	2-28, 29, 31	Pitch	4-1
Regulator	2-29, 31	Plutonium-239	24-2, 3
Ozone Layer	5-1	Pneumothorax	19-17
P		Politzerization	6-4
PAC-1S Survey Meter	24-4	Pollution, Environmental	20-2
Parachute		Post Mortem Examination	10-25; 14-3
Automatic Release	16-6	Preflight Feeding	13-2
Back	16-1	Pressure	
Chest	16-2	Breathing	2-25
Deployment	4 35; 15-16	Suits	18-1
Descent	15-16	Program	
Equipment	16-1	Aerospace Medicine	1-1
Free Fall	4-35, 36; 16-9	Flying Safety	15-1
Harness	16-3	Military Public Health	20-1
Inversion	16-18	Occupational Medicine	20-1; 21-1
Landing	15-16, 17; 16-19, 20	Prophylactic Drugs	11-1
Manual Release	16-6, 15	Proprioception	4-16
Opening Shock	4-35; 16-10	Protection, Ear	7-12
Seat	16-2	Protective Clothing	5-12
Steerability (4-Line Cut)	16-19	Psychiatric Reactions	9-3
Pararescue	17-2	Combat	9-3
Medical Training	17-4	Fear of Flying	9-4
Partial Pressure Suit	18-3	Missile Duty	9-5
Pathology		Pulmonary Capacity	2-2, 3
Aircraft Accident Investigation	14-1, 3	Q	
Aviation	14-1	Q Force	4-34
		Quarter Deployment Bag	16-11

	Page
R	
Radar	21-18
Radiation (Heat)	5-6; 24-2, 3
Hazard	24-2, 3
Radioactive Fallout	24-2
Raft, Boarding	16-23
Rapid Decompression	3-6
Recompression	3-5
Recruitment (Hearing)	7-4
Red-out	4-5, 9; 8-2
Reflection of Light	8-4
Refrigerators	13-12, 13
Regulator, Oxygen	2-29, 31
Relative Gas Expansion (RGE)	3-11
Report	
Emergency Unsatisfactory (EUR)	15-3
Operational Hazard (OHR)	15-4
Quality Control Deficiency (QCDR)	15-3
Unsatisfactory (UR)	1-3; 15-3
Rescue	
Flight Surgeon's Role in	17-3
Local Base	17-2
Mission, Operation of	17-2
Rescue and Recovery Service, Aerospace (ARRS)	17-1
Residual	
Chlorine	22-3, 8
Fluoride	22-4
Respiration	
Pattern of	2-20
Pulmonary Phase	2-2
Tissue Phase	2-13
Transport Phase	2-1, 13
Risk, Hearing Damage	7-2
Rod (Retina)	8-14, 15
Rodenticides	23-13, 14
Rodents	23-12
Control of	23-2, 13
Roll	4-1

S	
Safety	
Aerospace	15-1
Aviation	15-1
Program	15-1
SCATA	24-2
Scorpions	23-9
Scotopic Vision	8-14
Self-Medication	11-1
Separator, Seat-Man	16-3
Shock, Parachute Opening	4-35; 16-10
Sickleemia	19-22
Sling, Harness	16-3
Space	
Equivalence	25-2
Medicine	25-1, 2
Myopia	8-3
Space Flight	
Effects	25-13

Space Flight (cont'd)	
Medical Kit	25-25
Medical Monitoring in	25-5
Operations Support	25-5
Physiology	25-8
Span of Attention	12-3
Spatial	
Disorientation	4-19; 14-4; 15-13
Orientation	4-13
Special Foods	13-9
Speech Perception	7-4
Speed Ranges	8-8, 9
Spiders	23-9
Steerability (Parachute)	16-19
4-Line Cut	16-19
Stored Heat	5-7
Stratosphere	5-1
Suit	
Bladder Pressure	18-3, 5
Capstan Pressure	18-3
Full Pressure	18-3, 6
Partial Pressure	18-3
Sunglasses	
Color Perception	8-6
Effect on Light	8-4
Neutral Lens for Flying	8-7
Types of Filters	8-4, 5
Use in Underwater Search	8-6
Sunlight, Visual Effects of	8-3
Supersonic Speed	
Ejection at	8-13
Temperature at	8-13
Visual Problems of	8-8
Survival	17-5, 6
Equipment	15-17; 17-5
Feeding	13-15
Kit	17-5
Systems	
Aeromedical Evacuation	19-1, 2
Egress	15-15
Ejection	4-26, 29; 15-15
Life Support	17-6
Oxygen	2-28, 30, 37

T	
Tarantulas	23-11
Technical Orders	21-4
Temperature	
Body, Regulation of	5-6
Effects of	5-1
Pathology of	14-5
Tension, Alveolar Oxygen	2-11
Terminal Velocity	16-11
Tetraethyl Lead	21-16
Theory	
Evolved Bubble	3-2
Fat Emboli	3-3
Vasospasm	3-3

	<i>Page</i>
Thermal	
Insulation -----	5-12
Tolerance -----	5-6
Thermosphere -----	5-1
Threshold Limit Value (TLV) -----	21-2
Threshold Shift -----	7-2
Threshold (Vision) -----	8-14
Thresholds of Interference	
Auditory Communication -----	7-1
Aural Pain -----	7-2
Hearing -----	7-1
Hearing Damage Risk -----	7-2
Rest and Sleep -----	7-1
Ticks -----	23-5, 7
Tidal Volume -----	2-2
Tilt Tests -----	25-15
Time of Consciousness -----	2-27
Tinnitus -----	7-3
Toxic Agents -----	21-5
Therapy for Overexposure -----	21-19
Toxicity -----	21-2, 3
Toxicology -----	14-7; 21-1
Toxins -----	14-5
Training	
Medical -----	15-2
Night Vision -----	8-18
Pararescue -----	17-4
Survival -----	17-5
Trauma -----	14-6
Triage -----	15-6; 24-2
Tropopause -----	5-4
Troposphere -----	5-1
Tuberculosis -----	19-18

U

Ultrasonics, Influence of	7-5
Ultraviolet Light	8-4, 17
Unsatisfactory Report	1-3; 15-3
Uranium	24-2

v

Valsalva Maneuver	4-9; 6-4
Vapors, Toxic	21-4, 15
Vasospasm Theory	3-3
Vector Surveys	23-1
Venomous Arthropods	23-9
Ventilation	2-3, 18
Control of	2-16
Vertebrae, Fracture of	4-38, 39
Vertigo	4-16; 15-13
Vestibular	
Apparatus	4-13, 15
Responses	4-15; 25-13
Vibration	8-9
Vigilance Decrement (Fatigue)	12-3
Visibility of Light	8-17
Vision	
Effects of Altitude on	8-1

	<i>Page</i>
Vision (cont'd)	
Effects of Hypoxia on -----	8-1
Mesopic -----	8-14
Night -----	8-14
Photopic -----	8-14
Problems of Supersonic Speed -----	8-8
Scotopic -----	8-14
Space Flight -----	25-13
Visor -----	4-40, 41; 8-7; 18-3, 5
Visual	
Acuity -----	8-6; 25-13
Illusion -----	4-16, 20
Perception, Lag in -----	8-10
Vital Capacity -----	2-3
Volume	
Blood -----	25-19
Expiratory Reserve -----	2-2
Inspiratory Reserve -----	2-2
Minute Respiratory -----	2-16
Residual -----	2-2
Tidal -----	2-2

W

Walk-Around Bottle	16-10, 13, 15
Wasps	23-11
Water	
Aeration	22-2
Coagulation	22-2
Desalting	22-8
Disinfection	22-3
Distribution	22-4
Emergency Purification	22-8
Field Supply	22-5
Landing	16-21
Purification	22-2
Sources	22-1
Storage	22-4
Supply	22-1
Testing	22-5
Treatment	20-2; 22-2
Weather	5-4
Weightlessness	25-9
Windblast	
Injury	4-32; 16-5, 6
Pathology of	14-4

x

X-ray ----- 25-15, 23

Y

Yaw ----- 4-1

Z

Zero-Delay -----	16-7
Lanyard -----	16-7
Zones of Thermal Regulation	
Body Cooling -----	5-8
Evaporative Regulation -----	5-9
Vasomotor Regulation -----	5-8.9