

AIRCREW PROTECTION CAREER FIELD**Career Field 92**

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INTRODUCTION

AIRMAN AIRCREW PROTECTION CAREER FIELD

The Aircrew Protection Career Field encompasses the functions involved in para-rescue and land rescue operations in the Arctic, desert, tropical, and water areas. This field includes penetration to scene of accident by land, water, air, and parachute, providing medical care, erection of campsites, and evacuation of victims by such

means as aircraft, litter bearing, surface (water) craft, horsedrawn and motor vehicles, and dog sled. Included also is instruction to aircrews in survival techniques, environmental physiology, use and care of personal equipment, and the issuance, fitting, inspection, and minor repair of personal equipment.

AIRCREW PROTECTION CAREER FIELD

★Guide to Conversion

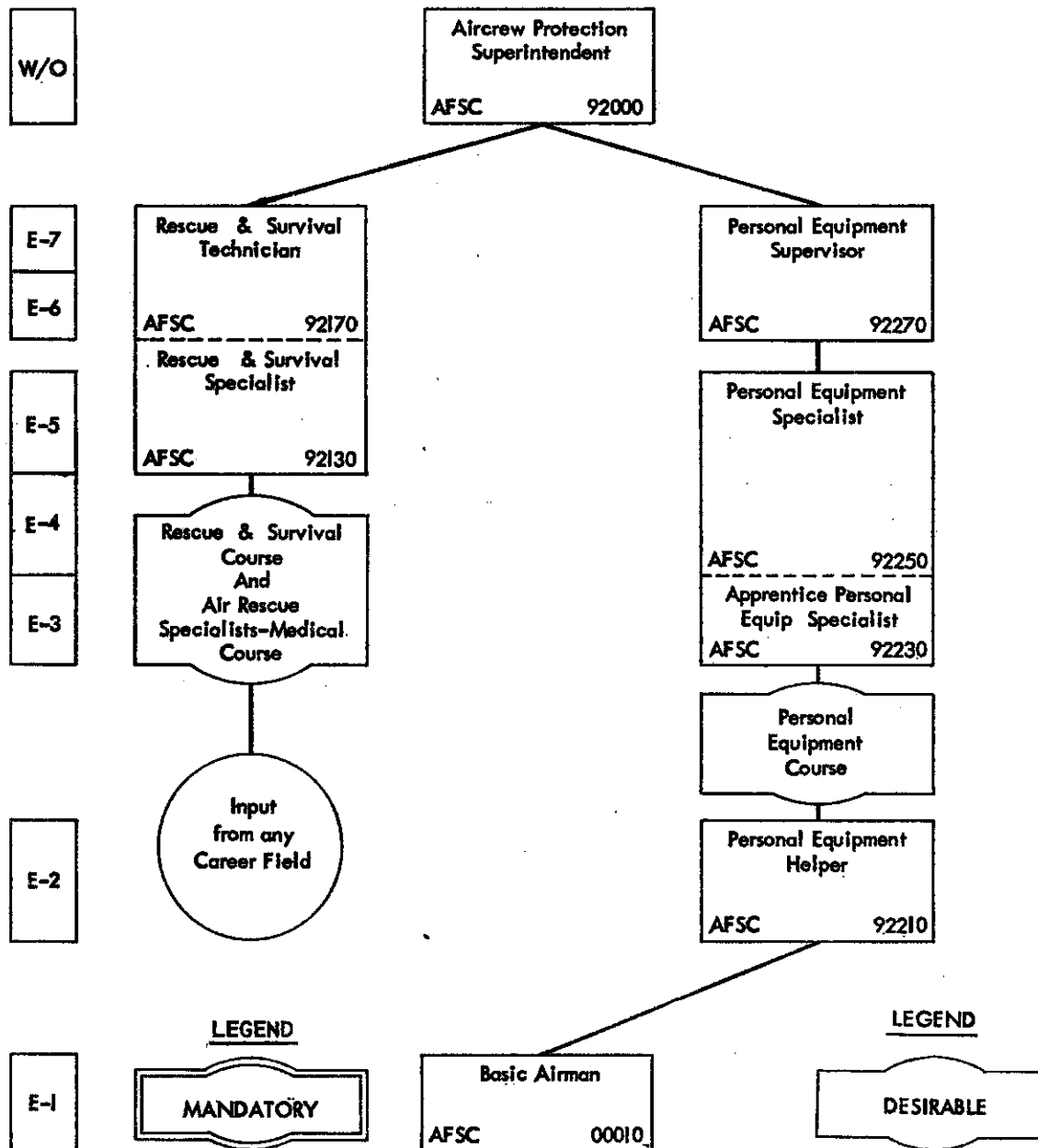
Former AFSC	Former title	AFSC	Title
92000	Aircrew Protection Superintendent.....	-----	No change
*92170	Rescue and Survival Technician.....	*92170	Rescue and Survival Technician
*92130	Rescue and Survival Specialist.....	*92130	Rescue and Survival Specialist
*92270	Survival Training and Personal Equipment Technician.	{ 92170	Rescue and Survival Technician
		{ 92270	Personal Equipment Supervisor
*92250	Personal Equipment Specialist.....	92250	Personal Equipment Specialist
*92230	Apprentice Personal Equipment Specialist.....	92230	Apprentice Personal Equipment Specialist
*92210	Survival Training And Personal Equipment Helper.	92210	Personal Equipment Helper

^bDirect conversion.

*Review and evaluation in accordance with part ONE of this Manual by a personnel officer is required to determine appropriate conversion. Reclassification to AFSC 92170 requires qualifications in survival training instruction or rescue and survival activities. Reclassification to AFSC 92270 requires qualifications in personal equipment functions.

✓*Personnel classified in these AFSs who are qualified parachutists will be identified by use of prefix "B." When physically disqualified from jumping or loss of skill as parachutist, airman will retain AFSC without prefix as long as he continues to be utilized in rescue and survival activities.

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Airman Aircrew Protection Career Field.

AIRMAN AIR FORCE SPECIALTY

★RESCUE AND SURVIVAL TECHNICIAN

1. SPECIALTY SUMMARY

Penetrates areas of difficult access to locate, provides medical aid and means of survival, and evacuates disaster victims; instructs aircrews in survival techniques; and supervises rescue and survival activities.

2. DUTIES AND RESPONSIBILITIES

a. *Locates disaster victims:* Obtains information regarding location of victims by examining data on mission of ill-fated aircraft and by interrogating individuals, including friendly populace. Penetrates areas of incidents by most practical routes such as land, water, air, and parachute. Observes trails, scavenging birds and animals, and signs of prior locations of survivors. Determines and follows probable routes taken by survivors attempting to reach civilization.

b. *Provides for medical aid and survival of disaster victims:* Determines nature and extent of injury and illness sustained by survivors. Sets up and renders emergency medical aid, including cleaning cuts and abrasions, applying splints to compound and simple fractures, administering resuscitation, and treating shock. Describes condition of survivors to medical officer by transmitting devices such as radio and codes, and requests instructions for immediate medical aid. Assists in providing advanced medical care such as administering intravenous fluids and oral and hypodermic medications. Protects disaster victims from environmental hazards such as insects, hostile animals, natives, adverse climate, and terrain conditions by locating campsites and providing shelter and concealment. Evaluates terrain for location of campsite with consideration of accessibility to food and wood, aerial support, and physical comfort and safety.

Requisitions survival equipment and supplies from aerial support by radio or visual signals. Locates and provides food and water by hunting wild game, edible vegetation, and water sources, procuring resources from local populace and using caches and aerial delivery.

c. *Evacuates disaster victims:* Determines physical capabilities of survivors to withstand rigors of evacuating uncivilized areas. Examines maps and charts to locate possible evacuation destination. Determines best routes for evacuating disaster victims by evaluating surrounding terrain. Evacuates survivors by such means as aircraft, litter bearing, horsedrawn or motor vehicles, and dogsled. Evaluates and prepares terrain for establishment of landing strips. Uses assistance of local populace and improvises transportation equipment to meet special requirements.

d. *Instructs aircrews in rescue and survival techniques:* Conducts briefings, lectures, and demonstrations in methods of rescue and survival under varied environmental conditions such as Arctic, desert, tropical, and water areas. Presents orientation on the climatic, geographical, and topographical characteristics of various regions. Explains physiological effects of exposure to heat and cold; to wind, sunlight, and immersion; and to deprivation of food, water, and rest. Discusses psychological stresses encountered in survival situations, including

tendencies of disaster victims to become panicky in strange territory devoid of familiar landmarks and signs of human life. Conducts briefings and demonstrations on methods of living off the land such as constructing emergency shelters, rafts, canoes, and dinghies; obtaining food by hunting, stalking, fishing, and use of traps and snares; recognizing and preparing various plant foods; locating and purifying water supplies; and manufacturing and using primitive weapons. Instructs in principles of land navigation and in emergency first-aid procedures. Briefs aircrews in methods of contacting searching parties and friendly populace, including operation of communications equipment such as land lines, radio sets, and codes. Instructs aircrews in evasion, resisting enemy interrogation and political indoctrination, as well as escape and prisoner-of-war survival. Constructs and maintains training aids such as display models of outdoor shelters, snares, traps, primitive weapons, and emergency signaling devices. Administers oral, written, and practical examinations to aircrews on techniques, and equipment covered during training ses-

sions. Prepares reports and maintains records on progress and proficiency of aircrew members receiving survival instruction.

e. *Supervises rescue and survival activities*: Plans workloads and schedules assignments for personnel engaged in performing or instructing in, rescue and survival operations. Supervises location, protection and evacuation of disaster victims. Inspects and evaluates training programs and rescue operations to determine effectiveness and compliance with directives and regulations. Evaluates reports regarding nature and extent of land rescue and pararescue missions. Observes method of packing supplies into aerial delivery containers and examines for deterioration and completeness. Inspects survival equipment for adequacy in terms of local needs and latest survival techniques used in land rescue and pararescue operations. Directs compilation of instructional material covering land and pararescue operations. Assures availability of rescue and survival equipment. Evaluates performance of subordinates, orients newly assigned personnel, and schedules leaves.

3. SPECIALTY QUALIFICATIONS

a. *Education*:

(1) Knowledge of search, survival, and evacuation procedures; escape and evasion techniques; environmental physiology; advanced first-aid; map reading; self-defense; operation of emergency communications equipment; parachute techniques; and use and care of survival equipment, is *mandatory*. Attaining a qualifying score on the APT applicable to the specialty described herein satisfies these mandatory knowledge qualifications.

(2) Knowledge of the language and customs of one or more foreign groups is desirable.

b. *Experience*. Experience in performing or supervising functions such as locating and evacuating disaster victims; providing emergency medical aid; or instructing in

rescue and survival techniques, is *mandatory*.

c. *Training*:

(1) Completion of an Air Rescue Specialists—Medical course is *mandatory* for airmen engaged in pararescue activities. Completion of this course is desirable for airmen not engaged in pararescue activities.

(2) Completion of a survival training course is desirable.

(3) Completion of a primary management course is desirable.

d. *Other*:

(1) Physical profile serial 111111 is desirable for field or base assignment.

(2) Physical qualification for parachute duty is *mandatory* for airmen engaged in pararescue activities.

(3) Successful completion of a para-

chutist course is *mandatory* for airmen engaged in pararescue activities.

able.

(4) Qualification as lifeguard is desir-

(5) Only male airmen will be awarded this AFS.

4. SPECIALTY DATA

a. *Grade Spread*: Staff sergeant through master sergeant.

Guide, Hunting and Fishing ..3-96.10
Forest Ranger0-35.07

b. *Source Jobs (D.O.T.)*:

AIRMAN AIR FORCE SPECIALTY

★PERSONAL EQUIPMENT SUPERVISOR

1. SPECIALTY SUMMARY

Supervises inspection, fitting, adjusting, and instructing aircrews in use and care of personal equipment.

2. DUTIES AND RESPONSIBILITIES

a. *Plans and schedules personal equipment activities:* Establishes performance standards for such functions as fitting anti-exposure suits, accomplishing preventive maintenance of life rafts and ditching jackets, and inspection of emergency radio communications devices. Sets up procedures for instructing aircrews in use of personal equipment. Insures availability of spare parts and controls issuance of equipment. Establishes system of accountability for equipment. Coordinates activities with other units such as air operations and supply. Recommends procedural changes to insure maximum utilization of personnel.

b. *Supervises personal equipment personnel:* Assigns work such as inspecting personal equipment installed aboard aircraft and presenting pre-flight briefings on equipment required for missions. Establishes work priorities for functions such as fitting and adjusting flying clothing and oxygen masks and preparing records on the status of personal equipment. Evaluates performance of subordinates and recommends award of specialties, promotions, and transfers. Resolves personal problems of subordinates and schedules leaves.

c. *Establishes and conducts on-the-job*

training for personal equipment personnel: Determines need for individual and group training. Establishes training programs, including arranging for facilities, training aids, and instructors. Plans and conducts instruction in such activities as cleaning, lubricating, and performing minor repairs to personal equipment, and conducting demonstrations on use of equipment. Orients newly assigned personnel and recommends formal instruction for selected airmen.

d. *Inspects and evaluates personal equipment activities:* Checks receipt and storage of personal equipment to insure proper handling. Inspects such functions as maintenance of memorandum receipt records, construction of training aids, and installation of personal equipment aboard aircraft. Evaluates unit efficiency and recommends changes in organizational structure. Analyzes inspection reports and corrects deficiencies.

e. *Performs technical personal equipment functions:* Determines equipment and space requirements. Interprets policies, regulations and directives pertaining to personal equipment. Accomplishes difficult fitting and adjusting of equipment. Designs training aids and conducts demonstrations on use of personal equipment.

3. SPECIALTY QUALIFICATIONS

a. *Education:*

(1) Knowledge of routine supply procedures, methods of instruction, and use and

care of personal equipment, is *mandatory*. Attaining a qualifying score on the APT applicable to the specialty described herein

satisfies these mandatory knowledge qualifications.

(2) Knowledge of search and evacuation procedures and first aid is desirable.

b. *Experience.* Qualification as Personal Equipment Specialist is *mandatory*. In addition, experience in supervising functions such as inspection and fitting of personal equipment, and instructing in the use of

personal equipment is *mandatory*.

c. *Training.* Completion of a primary management course is desirable.

d. *Other:*

(1) Physical profile serial 222222 is desirable for field or base assignment.

(2) Only male airmen will be awarded this AFS.

4. SPECIALTY DATA

a. *Grade Spread:* Technical sergeant and master sergeant.

b. *Source Jobs (D.O.T.):* None.

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AIRMAN AIR FORCE SPECIALTY

★PERSONAL EQUIPMENT SPECIALIST

1. SPECIALTY SUMMARY

Instructs aircrews in use and care of personal equipment and inspects, fits, and adjusts personal equipment. Maintains and constructs training aids and display models of survival equipment.

2. DUTIES AND RESPONSIBILITIES

a. *Instructs aircrews in use and care of personal equipment:* Briefs aircrews in purpose, operation, and care of individual flying equipment such as oxygen masks, headgear, and anti-G suits, and of emergency and survival equipment such as parachutes, bail-out cylinders, pneumatic life rafts and vests, anti-exposure suits, and sustenance and first-aid kits. Conducts simulated bail-out, ditching, and crash-landing demonstrations and ground practice sessions and presents pre-flight briefings on types of equipment required for missions.

b. *Inspects personal equipment:* Conducts routine inspection of personal equipment such as parachutes, headsets, pneumatic life vests, and emergency sustenance and first-aid kits for condition and serviceability. Tags repairable or unserviceable property for return to base supply. Inspects personal equipment installed aboard aircraft such as walk-around bottles, oxygen regulators, water containers, safety belts and harnesses, ditching jackets and emergency canopy releases. Determines condition of portable emergency radio communications devices,

pyrotechnics, headsets, and microphones. Cleans, lubricates, and performs minor repairs to personal equipment.

c. *Issues, fits, and adjusts personal equipment:* Issues personal equipment such as parachutes, pneumatic life vests, and headsets on hand receipt forms prior to each mission. Issues personal equipment to aircrews on individual memorandum receipts such as helmets, gloves, jackets, and flashlights returnable upon completion of training and change of station. Fits and adjusts flying clothing, oxygen masks, and related apparel, with the exception of pressure suits, to insure optimum effectiveness and comfort. Requisitions and stores personal equipment and supplies. Prepares and maintains records on status and inspection of personal equipment.

d. *Supervises survival training and personal equipment personnel:* Plans workloads and schedules work assignments. Evaluates work of subordinates for conformance with established standards. Conducts on-the-job training in use of, and in fitting, adjusting, and inspection of personal equipment.

3. SPECIALTY QUALIFICATIONS

a. *Education:*

(1) Knowledge of routine supply procedures, methods of instruction, and use and care of personal equipment, is *mandatory*.

Attaining qualifying score on the APT applicable to specialty described herein satisfies these mandatory knowledge qualifications.

(2) Knowledge of search and evacua-

Effective

AFM 35-1
AFSC 92250
Semiskilled AFSC 92230

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tion procedures is desirable.

b. *Experience.* Experience in such functions as instructing in the use and care of personal equipment or fitting, adjusting, and inspecting personal equipment, is *mandatory*. Experience in rescue activities and adaptation of personal equipment is desirable.

c. *Training.* Completion of a personal equipment course is desirable.

d. *Other:*

(1) Physical profile serial 222222 is desirable for field or base assignment.

(2) Only male airmen will be awarded this AFS.

4. SPECIALTY DATA

a. *Grade Spread:* Airman second class through staff sergeant.

b. *Source Jobs (D.O.T.):* None.

AIRMAN AIR FORCE SPECIALTY

★PERSONAL EQUIPMENT HELPER

★1. SPECIALTY SUMMARY

Performs routine personal equipment tasks.

2. DUTIES AND RESPONSIBILITIES

Performs routine personal equipment tasks: Uncrates, stores, and segregates personal equipment in storage bins, shelves, and racks. Tags reparable or unserviceable property for return to base supply. Cleans and

preserves personal equipment such as anti-G suits, life rafts, survival kits, and electrically heated flying clothing. Cleans and lubricates tools and equipment used for minor repairs on personal equipment.

3. SPECIALTY QUALIFICATIONS

a. *Education.* Knowledge of basic arithmetic and ability to read, write, and follow simple instructions, is *mandatory*.

b. *Experience:* None.

c. *Training:* None.

d. *Other:*

(1) Physical profile serial 222222 is desirable for field or base assignment.

(2) Only male airmen will be awarded this AFS.

4. SPECIALTY DATA

a. *Grade Spread:* Airman third class.

b. *Source Jobs (D.O.T.):* None.