

INDEX

A**air assault, 6-28**

- air movement plan, 6-29
- ground tactical plan, 6-29
- landing plan, 6-29
- loading plan, 6-29
- staging plan, 6-20

air defense artillery support, 4-5**air insertion, 3-8**

- assembly, 3-10
- planning, 3-11
- special airborne assault techniques, 3-10
- special factors, 3-9

airborne operations, 6-36

- air movement plan, 6-37
- landing plan, 6-37
- marshalling plan, 6-37

alternate operations base, 2-7, 2-11, 2-12, 2-19, 2-25, D-1, D-23**amphibious infiltration, 3-11**

- actions at the drop site, 3-12
- actions on the beach, 3-13
- beach landing site, 3-12
- contingency planning, 3-13
- helocasting, 3-13
- insertion by air from ship, 3-13
- navigation, 3-12
- planning, 3-11
- rehearsals, 3-14
- routes, 3-12
- tactical deception, 3-12

antenna construction, 2-25, D-1, D-7

- classification, D-8
- expedient wire, D-18
- frequency, D-7

- grounding, D-18
- insulators, D-17
- polarization, D-8
- resonance, D-7
- supports, D-17
- terminating resistors, D-17

antenna selection, 2-25, D-10

- half-wave dipole, D-11
- inverted Vee, D-12
- long-wire, D-13
- sloping Vee, D-14

area reconnaissance, B-1

- organization, B-1
- techniques, B-2
 - long-range observation, B-2
 - long-range surveillance, B-2
 - short-range observation, B-2
 - short-range surveillance, B-2

arm-and-hand signals, 3-17**Army aviation support, 4-3, 6-28****Army operations doctrine, 1-3**

- agility, 1-4
- depth, 1-4
- initiative, 1-3
- synchronization, 1-4
- versatility, 1-4

B**base radio station, 1-7, 2-11, 2-22, 2-23**

- operations, 2-25

battle drills, J-6

- break contact, J-7
- react to air attack, J-11
- react to flares, J-13
- react to indirect fire, J-13

briefback, 3-1, 3-3, 3-5, I-1

C

capabilities, 1-9

cold weather operations, C-5

collateral activities, 2-5

collection management and dissemination (CM&D) section, 2-2, 2-3, 2-6, 2-8, 2-11, 2-19

combat support, 1-4, 2-8, 4-1

air defense, 4-5

army aviation, 4-3

electronic warfare, 4-5

engineer, 4-5

fire, 4-3

joint service, 4-1 (see also joint service support)

combat service support, 1-4, 2-8, 4-5, 5-2

maintenance, 4-8

medical, 4-8

miscellaneous services, 4-9

finance, 4-9

religious, 4-9

rigger, 4-9

resupply, 4-6

sources, 4-6

supply, 4-6

transportation, 4-6

command and control, 1-4, 1-7, 2-1, 6-36

structure, 2-1

communication, 1-2, 1-5, 1-7, 2-11, 2-19, 2-26, 2-27, 2-34, 3-19, 4-2, C-1, C-5, D-1

antenna construction for, D-7 (see also antenna construction)

antenna repair for, D-15

antenna selection for, D-10 (see also antenna selection)

equipment, 1-10, D-19

antenna (AN/GRA-50), D-20

antenna (AS-2259/GR), D-20

base radio (AN/GRC-193), 2-25, D-20

base radio (AN/GRC-213), 2-25, D-20

communication shelter (AN/TSC-128), D-21

digital message device group (OA-8990/P), 2-23, 2-26, D-20

emergency-distress radio (AN/PRC-90, AN/PRC-112), 1-10

encryption message burst device (KL-43C), D-20

high-frequency (HF) radio (AN/PRC-104), 2-35, 4-1, D-20

tactical satellite radio, 2-20, 2-26

very high-frequency (VHF) (FM) radio (AN/PRC-126), 2-35, 4-1, D-20

frequency propagation, D-2

ground-wave, D-2

sky-wave, D-2, D-3

net, 2-20

security, 1-5, 2-7, 2-9, 2-25, 2-26, 5-1, 5-2

site, 1-6, 2-30, D-23

communications platoon, 1-7

base radio stations, 1-7

headquarters section, 1-7

communications section, 1-8

company leadership, 2-5

chemical noncommissioned officer, 2-6, 2-17

communications platoon leader, 2-7

company commander, 2-5

executive officer, 2-6

first sergeant, 2-6

intelligence officer, 2-6, 2-15

liaison noncommissioned officer, 2-6, 2-17

operations officer, 2-6, 2-14, 2-29

platoon sergeant, 2-7, 2-34

surveillance platoon leader, 2-7, 2-29, 2-34
team leader, 2-7

company operations base, 2-6, 2-11, 2-12 (Figure 2-4), 2-19, 2-25, 3-24, D-1, D-23

company tactical operations center, 2-14
communications, 2-20
operations, 2-17
organization of, 2-14
responsibilities of, 2-14

contingency plans, 3-1, 3-9, 3-13, 3-22

control measures, 3-2

coordination, 2-33

corps operations base, D-23

countertracking, F-1, F-7

D

damage assessment, 2-2, 2-4, 2-5

debriefing, 2-11, 2-18, 3-24, I-9

deception, 3-7, 3-12, 4-5, 5-1, 5-2

desert operations, C-2
individual responsibilities, C-2
operational considerations, C-3
hide site, C-4
insertion, C-4
movement, C-4
planning, C-3
surveillance, C-4

detachment leadership, 2-7

base radio station section chief, 2-9
detachment commander, 2-8, 2-29, 2-34
detachment communications sergeant, 2-8
detachment first sergeant, 2-8
detachment operations sergeant, 2-8

executive officer, 2-8
team leader, 2-9

detachment operations base, 2-8, 2-11, 2-12 (Figure 2-4), 2-19, 2-25, 3-24, D-1, D-23

detachment tactical operations center, 2-17
communications, 2-20
operations, 2-17
organization of, 2-17
responsibilities of, 2-17

displacement, 2-19

drop zone, 2-7, 3-2, 3-8, 3-9, 3-10, 4-1

E

electronic warfare, 2-27
electronic counter-countermeasures, 2-7, 2-8, 2-27, 2-30
preventive, 2-27
remedial, 2-28
support, 4-5

engineer support, 4-5

equipment, 1-7, 1-9, 1-10 — 1-11
communication, 1-10
observation, 1-10
personal clothing, 1-11
weapons, 1-10

evasion and escape, 2-32, 2-34, 3-1, 3-22, F-1, F-8
long-range, F-8
short-range, F-8
planning, F-13
principles, F-9

execution phase, 3-16

actions in the area of operations, 3-18
hide site occupation, 3-17
movement to the area of operations, 3-16
movement to the extraction site, 3-20

- reports, 3-20
- site selection, 3-18
- surveillance site occupation, 3-17

exfiltration, 1-5, 2-11, 2-30, 2-34, 3-21, 3-23, 4-4, 4-5, 6-1, C-1

- by air, 1-5, 6-28, 6-36
- by helicopter, 1-5, 6-13
- by land, 3-23
- by water, 1-5, 6-1
- distances, 3-21
- ground, 1-5, 3-21
- landing zone, 6-30
- pickup zone, 6-30
- planning, 6-1
- site, 2-30, 3-21
- terrain, 3-21

exfiltration phase, 3-21

- distances, 3-21
- enemy, 3-22
- evasion and escape, 3-22
- extraction by air, 3-23
- land exfiltration, 3-23
- terrain, 3-21

extraction

- by air, 3-23, 6-28
- by FRIES, 3-23, 6-24
- by SPIES, 3-23, 6-21
- land, 3-23

extraction site, 3-20

F

fast-rope infiltration/exfiltration system (FRIES), 3-8, 6-24, C-1

- consideration for safety, 6-26
- execution of, 6-28
- inspection of, 6-25
- rigging of in a UH-60, 6-25
- rigging of in other aircraft, 6-26

fire support, 4-3

- aerial fires, 4-4
- field artillery, 4-3
- naval gunfire, 4-4

foot movement operations, 6-39

- movement, 6-39
- planning, 6-39

FRIES master, 6-27

- duties, 6-27

H

headquarters platoon, 1-7

- headquarters section, 1-7
- operations section, 1-8

helicopter operations, 6-13

- rappelling, 6-13
- special patrol infiltration/exfiltration system (SPIES), 6-14

helocasting operations, 6-11

hide site, 1-5, 2-11, 2-30, 3-17, C-4, E-1

- actions in, 3-18, E-12
- hasty subsurface, E-3
- leader's reconnaissance of, E-10
- occupation, 3-17, E-10
- selection, 2-30, 3-18, E-10
- sterilization of, E-12
- subsurface, E-7
- surface, E-1
- work priority, E-12

I

infiltration, 1-5, 2-11, 2-34, 3-6, 4-1, 4-4, 4-5, 6-1, C1

- air insertion, 3-8, 3-10, 4-2, 6-13, 6-28, 6-36
- amphibious, 3-11, 4-2, 6-1
- by FRIES, 6-24

by SPIES, 6-14
 deception, 3-7
 intelligence, 3-7
 land, 3-14, 4-2
 mobility, 3-7
 planning, 3-11, 6-1
 reconnaissance, 3-8
 rehearsals, 3-8
 sand tables, 3-8
 security, 3-8
 site, 2-30, 6-1
 speed, 3-7
 staging, 3-6
 stay-behind, 1-5, 3-6, 6-38
 stealth, 3-8
 suppression, 3-8
 surveillance, 3-8
 target acquisition, 3-8

infiltration phase, 3-6

air insertion, 3-8
 amphibious infiltration, 3-11
 land infiltration, 3-14
 movement to the departure area, 3-6
 stay-behind, 3-6

information gathering, 1-1, 1-4, 2-35, 5-1 (see also intelligence collection)

information requirements, 2-2, 2-23, 2-31

intelligence, 3-7, 5-1, G-1

collection of, 2-2
 human, 1-1, 1-3, 2-5
 preparation of the battlefield, 1-5, G-1
 resources, G-7
 training, G-6

J

joint service support, 4-1

Air Force, 4-1

Marines, 4-2

Navy, 4-2

jungle operations, C-1

communication, C-1
 exfiltration, C-1
 infiltration, C-1

L

land infiltration, 3-14

actions at the infiltration site, 3-15
 actions on enemy contact, 3-14
 planning, 3-14
 stay-behind technique, 3-15

landing zone, 2-7, 2-11, 2-13, 2-34, 3-2, 3-9, 3-11, 3-13, 4-1, 6-13, 6-30

approach, 6-30
 departure, 6-30
 ground slope, 6-30
 loads, 6-30
 marking of, 6-31
 obstacles, 6-30, 6-31
 operations, 6-35
 selection of, 6-31
 surface conditions, 6-30

limitations, 1-9

long-range surveillance company, 1-6, 2-1, 2-3, 2-9

leadership of, 2-5 (see also company leadership)
 tactical operations center, 2-14 — 2-17

long-range surveillance detachment, 1-8, 2-2, 2-3, 2-9

leadership of, 2-7 (see also detachment leadership)
 tactical operations center, 2-17 — 2-19

long-range surveillance platoon, 1-7

M

messages, 2-18, 2-22, 2-23, 2-25, 2-27
 formats, 2-23

mission folder, 2-31, 2-33, 3-1, 3-2, G-2

missions, 1-4, 2-2, 2-3, 2-29, 2-30
 characteristics of, 1-4
 execution of, 1-5
 planning of, 2-29, 2-30, 2-31, 3-2
 types of, 2-4
 collateral activities, 2-5
 combat search and rescue, 2-4, 2-5
 damage assessment, 2-2, 2-4, 2-5
 pathfinder, 2-4, 2-5
 reconnaissance, 2-5, 4-1
 surveillance, 1-4, 2-4, 4-1,
 target acquisition, 2-2, 2-4, 2-5
 terrain and weather reporting, 2-4, 2-5

mountain operations, C-5

movement, 3-16, 3-20, 6-39, C-4
 formations, 3-16, J-1
 river, 6-8
 security, 3-17, J-1
 techniques, J-1

N

night operations, K-1
 fatigue, K-6
 hearing, K-4
 movement, K-11
 night vision, K-1
 route selection, K-6
 signals, K-8
 smell, K-5
 target detection, K-10
 walking, K-8

no-fire area, 2-11, 2-32, 2-33 (see also restrictive area)

O

objective, 1-1
 Army operations doctrine, 1-3
 human intelligence capabilities, 1-1
 information gathering, 1-1
 observation of, 1-10, 2-30, 4-2

operational security, 1-5, 2-11, 2-20, 2-24, 2-26, 2-31, 2-34, 3-11, 3-25, 5-1, 5-2
 administrative measures, 2-34
 electronic measures, 2-35
 tactical measures, 2-34

operations, 1-4, 2-9, 3-1
 airborne, 6-36 (see also airborne operations)
 characteristics of, 1-4 — 1-5
 cold weather, C-5
 combat search and rescue, 2-4
 combined, 5-2
 control measures of, 3-2
 desert, C-2 (see also desert operations)
 execution phase of, 3-16
 exfiltration phase of, 3-21
 foot movement, 6-39
 helicopter, 6-13
 helocasting, 6-11
 infiltration phase of, 3-6
 jungle, C-1 (see also jungle operations)
 landing zone, 6-35
 mountain, C-5
 night, K-1 (see also night operations)
 other than war, 5-1 (see also operations other than war)
 pathfinder, 2-4
 pickup zone, 6-32
 planning of, 3-1, 3-2
 planning phase of, 3-1, 3-3, 4-6
 recovery phase of, 3-24 (see also recovery phase)

stay-behind, 3-6, 4-5, 6-37 (see also stay-behind operations)
 vehicle, 6-38 (see also vehicle operations)
 waterborne, 6-1 (see also waterborne operations)

operations base, 2-11 (see also specific type)

operations other than war, 1-2, 2-3, 5-1

activities, 5-1
 missions, 5-3
 planning for, 5-1
 rules of engagement, 5-2

orders, H-1

fragmentary, 2-3, H-22
 operation, 2-3, 2-34, 3-1, 3-2, 3-3, 3-4, 3-21, 6-32, H-2, H-3 (Figure H-2)
 warning, 2-33, 3-1, H-1

organization, 1-6

company, 1-6, 2-1
 detachment, 1-8, 2-2

P

personnel recruitment, A-1

personnel selection, A-1

pickup zone, 2-7, 2-35, 3-11, 3-20, 3-21, 6-30

approach, 6-30
 departure, 6-30
 ground slope, 6-30
 loads, 6-30
 marking of, 6-31
 operations, 6-32
 selection of, 6-31
 surface conditions, 6-30

planning phase, 3-1, 4-6

contingency plans, 3-1
 control measures, 3-2

planning area activities, 3-2

priority intelligence requirements, 2-2, 2-23, 2-29, 2-31

R

radio direction finding, 2-35

radio intercept, 2-35

radiotelephone operator (RATELO), 1-7, 1-8, 2-9, 2-27, 2-28, 3-24, 6-17, D-1

reconnaissance, 1-2, 2-2, 2-4, 2-5, 2-30, 3-3, 3-4, 4-1, B-1

area, 2-5, B-1 (see also area reconnaissance)
 bridge, B-10
 route, 2-5, B-6, B-7 (Figure B-5)
 zone, 2-5, B-3 (see also zone reconnaissance)

recovery phase, 3-24

debriefing, 3-24
 equipment maintenance, 3-24
 equipment turn-in, 3-24
 stand-down, 3-24
 training, 3-25

rehearsal, 3-1, 3-3, 3-4, 3-8, 3-14

reports, 2-22, 2-24, 3-20, B-8 (Figure B-6)

restricted areas, 2-11, 2-32, 2-33, 3-2

rules of engagement, 5-2

S

scout swimmer, 6-9

equipment of, 6-9

security, 1-5, 2-18

special patrol infiltration/extraction system (SPIES), 6-14, C-1

cleaning, 6-21
 communications, 6-14

- dismounting procedures, 6-15
- emergency procedures, 6-15
- extraction, 6-15
 - organization for, 6-21
- familiarization, 6-14
- land extraction procedures, 6-16
- operational training, 6-16
- repairs, 6-21
- rigging a CH-46 helicopter for, 6-23
- rigging a CH-47 helicopter for, 6-23
- rigging a UH-1H helicopter for, 6-22
- rigging a UH-60 helicopter for, 6-23
- storage, 6-21
- water extraction procedure, 6-17

special information requirements, 2-2, 2-23, 2-29, 2-31, 3-20, G-2

SPIES master, 6-18

- duties, 6-18 through 6-20
- inspection, 6-20
- qualification, 6-18

staff journal, 2-18

stay-behind operations, 3-6, 4-5, 6-37

- planning, 6-38
- site preparation, 6-38

support,

- aerial fires, 4-4
- air defense artillery, 4-5
- Air Force, 4-1
- Army aviation, 4-3
- combat (see combat support)
- combat service (see combat service support)
- electronic warfare, 4-5
- engineer, 4-5
- field artillery, 4-3
- finance, 4-9
- maintenance, 4-8
- Marine Corps, 4-2

- medical, 4-8
- naval gunfire, 4-4
- Navy, 4-2
- religious, 4-9
- resupply, 4-6
- rigger, 4-9
- supply, 4-6
- transportation, 4-8

surveillance, 1-2, 1-4, 2-2, 2-4, 4-1, 5-1

surveillance detachment, 1-8

- communications section, 1-8
- headquarters section, 1-8
- surveillance teams, 1-8

surveillance platoon, 1-7

- headquarters section, 1-7
- surveillance teams, 1-7

surveillance site, 1-5, 2-4, 2-11, 2-30, 3-17, C-4, E-1

- actions in, 3-18, E-12
- occupation, 3-17, E-10
- selection, 2-30, 3-18, E-10

survival, 1-2, 2-6, F-1, F-16

T

tactical operations center, 2-6, 2-11, 2-13, 2-14, 2-17, 2-33, 3-3

- organization, 2-14 — 2-18
- responsibilities, 2-14 — 2-18

target acquisition, 2-2, 2-4, 2-5

task organization, 2-19

- brigade task organization, 2-19
- echelons above corps, 2-19

terrain and weather reporting, 2-4, 2-5

tracking, F-1

- concepts of, F-1
- team organization, F-5
- tracker and dog teams, F-5

V**vehicle operations, 6-38**

- planning, 6-38
- team planning for, 6-38

W**waterborne operations, 6-1**

- helocasting, 6-11
- planning, 6-1

- scout swimmer, 6-9

small boat (F470 Zodiac), 6-2

- beaching in surf, 6-4
- launching in surf, 6-3
- maintenance of, 6-8
- offshore navigation, 6-4
- preparation for, 6-3
- river movement, 6-8
- storage of, 6-8

weapons, 1-10**Z****zone reconnaissance, B-3**

- converging-routes method, B-4
- fan method, B-4
- successive-sector method, B-5