

# INDEX

- Aerial observers, F-1, J-2, J-4, J-7, J-12, J-14, K-1
- Air and naval gunfire liaison company, A-26
- Airborne forward air controller, A-12
- Airborne laser spot tracker, I-3
- Airspace coordination area, A-16, E-5
- Altitude and lateral separation (ACA), A-20
- Altitude separation (ACA), A-18
- Area denial antipersonnel mine, H-1
- Army aviation, A-31
- Attack
  - Coordination of CAS, A-21, A-23
  - Criteria, G-1
  - Systems, I-1
- Attack guidance matrix, C-8, G-1
  - G-14
  - Example, G-15
- Bomb damage assessment, A-12, A-24
- Chemical munitions, H-29
- Clearance of fires, 2-19
- Close air support, 3-22, A-8, A-15, J-3, J-5, J-8, J-13, J-15
  - Attack execution, A-21
  - Immediate, A-10
  - Mission brief, A-21
  - Night, A-24
  - Preplanned, A-8
  - Request channels, A-8, A-10
- Combat observation/lasing team, F-2, I-1
- Commander's intent, I-3, 2-1, 2-2, 2-3, B-1
- Command posts, 2-23, F-3, F-4
- Communications, A-11, A-29, F-1, J-3, J-5, J-13, J-15
  - Field-expedient antennas, F-9
  - Fire support net usage (chart), F-6
  - Loss of, F-8
  - Planning ranges, F-8
  - Tips, F-7
- Copperhead, I-3, H-22
  - Coverage template, H-24
  - Positioning for, H-23
- Counterpreparation, D-7
- Decision-making process, 2-3
- Doctrinal resume, G-6
- Doctrinal template, G-4
- Employment considerations
  - Army aviation, A-31
  - CAS, A-8, A-24
  - Chemical munitions, H-29
  - COLTs, I-1, I-4
  - Copperhead, H-22
  - FASCAM, H-1
  - Field artillery, A-3
  - Joint air attack team, A-32
  - MLRS, A-3
  - Mortars, A-5
  - Munitions, J-1, J-3, J-6, J-12, J-14
  - Naval gunfire, A-28
  - Nuclear, H-29
  - Obscurants, H-18
  - OH-58D, K-2, K-5
  - TACAIR, A-15
- Engineer matrix (example), C-17
- Exclusive net, 3-2
- Family of scatterable mines, H-1
  - Aimpoints, H-15
  - Density, H-5, H-6
  - Employment tables, H-11
  - Report, H-10
  - Safety zone, H-7, H-8
- Field artillery, 3-22, 3-37, A-1, C-1
- Final protective fires, 3-21, D-1
  - Size of (per unit), 2-10
  - Symbol, D-4
- Fire planning, 1-1, 2-1, 2-7, 3-1
  - Defensive, 2-10, 3-1, 3-18
  - Deliberate, 2-12
  - Offensive, 2-9, 3-1, 3-2
  - Principles of, 1-2
  - Process of, 2-8
  - Quick, 2-13
- Fire support
  - Communications nets, F-1, F-6
  - Considerations of, 3-2, 3-3, 3-16, 3-17, 3-18, 3-23, 3-34, 3-35, 3-36, 3-39, 3-40, 3-41, 3-443-43, B-1
  - Decision-making process, as part of, 2-3
  - Tasks of, 1-5, 3-1, G-16, H-18
- Fire support cell, 1-6, 1-10, 1-12, 2-11, 2-23, F-2, F-4
- Fire support coordination, 2-18, 3-37, 3-39, G-13
  - Clearance of fires (examples), 2-21
  - Principles of, 1-2
- Fire support coordinating measures, 3-21, E-1
  - Airspace coordination area, A-16, E-5
  - Boundaries, E-1
  - Coordinated fire fine, E-2
  - Fire support coordination line, E-3
  - Free-fire area, E-3
  - NGF control measures, A-29
  - No-fire area, E-5
  - Permissive, E-1, E-2
  - Restrictive, E-1, E-4
  - Restrictive fire line, E-4
  - Restrictive fire area, E-4
- Fire support coordinator, 1-2
- Fire support execution matrix, 2-16
  - Examples of, 2-16, 2-18, 3-13, 3-29, 3-33, 4-4, 4-10, C-16
- Fire support organizations
  - Fire support cell, 1-6, 1-10, 1-12, 2-26, F-2, F-4
  - Fire support element, 1-6, 1-10, F-4, F-5
  - Fire support team, 1-3, 1-4, F-2
- Forward air controller, A-11
- Forward observers, 1-3, 1-5, F-1, J-3, J-7, J-12, J-14
- G/VLLD employment, I-1, H-22
- High-payoff target, G-1
  - List, C-8, G-12, G-13
- High-value target, G-1, G-4
- Illumination, 3-19
- Inherent responsibilities, A-1
- Joint air attack team, A-31

- Laser
  - Designator systems, A-26, I-7
  - Guided bomb, I-3
  - Guided weapons, I-9
  - Spto trackers, I-6
  - Target designation, A-13
- Lateral separation (ACA), A-17
- Main battle area, 3-24
- METT-T, considerations of, 2-1
- Mine safety template, H-9
- Mission, 1-1, A-1
- Mission brief (CAS), A-21
- Mobile subscriber equipment, F-7
- Mortars, 3-22, A-4
- Multiple launch rocket system, A-3
- Naval gunfire, A-26
- Nuclear munitions, 3-23, H-29
- Obscurants, H-17
- Obstacle plan, 3-18, H-3, H-4
- OH-58D, K-1
- Operation order (example), C-2
- Operations
  - Breakout by encircled forces, 3-41
  - Cold weather, J-13
  - Continuous, J-11
  - Desert, J-6
  - Jungle, J-3
  - Linkup, 3-41
  - Military operations on urban terrain, J-12
  - Mountain, J-1
  - Night, J-8
  - Reconnaissance, 3-43
  - Relief in place, 3-40
  - River crossing, 3-39
- Operations, defensive, 3-1, 3-18
  - Delay, 3-35
  - Example, 3-25
  - Main battle area, 3-24
  - Night, at, J-10
  - passage of lines, 3-36
  - Security area, 3-23
  - Security operations, 3-43
  - Withdrawal, 3-35
- Operations, offensive, 3-1, 3-2
  - Deliberate attack, 3-3
- Example, 3-5
- Exploitation, 3-16
- Hasty attack, 3-3
- Movement to contact, 3-2
- Night, at, J-9
- Pursuit, 3-17
- Personnel, duties of
  - Battalion FSO, 1-4, 1-7, 1-12, 2-27, F-2
  - Brigade FSO, 1-8, 1-11, 2-19, 2-22, F-4, H-30
  - Company FSO and/or FIST, 1-3, 1-10, A-12, A-14, F-2
  - DS battalion commander (FSCoord), 1-2, 1-12, A-33
  - Fire support sergeant, 1-4, 1-7, 1-12
  - Maneuver commander, 1-4, 1-8, 1-12 2-19.2-22 B-1
  - Plans/targeting officer, 1-7, 1-11
- Planned fires, D-6, J-9
- Preparation fire, D-6
- QSTAGs
  - 217, A-1
  - 221, D-1
  - 506, C-1
  - 515; C-1, D-1
  - 531, E-1
- Quick fire
  - Net, 3-2
  - Plan, 2-13
- Radars, J-2, J-4, J-7, J-12, J-14
- Radio nets, F-1, F-6
- Rehearsal, 2-5, 2-15
- Relative value matrix, G-3
- Remote antiarmor mine system, H-1
- Retransmission, F-8
- Safety zone (FASCAM), H-7
- Scatterable mine report, H-10
- Scheduling work sheet, D-7
  - Examples of, D-10, D-n
  - Preparation of, D-8
- Scouts, 3-18
- Security area, 3-23
- Seekers, I-2
- Shift times, D-9
- SINGARS, F-7, F-13
- Smoke munitions, 3-19, 3-40
- Split CP operations, 2-23
- Spread sheets, G-2, G-13
- STANAGs
  - 2014, C-1
  - 2031, C-1, D-1
  - 2082, 3-35
  - 2099, E-1
  - 2147, D-1
  - 2887, A-1
- Supporting arms liaison team, 1-9, A-27
- TACFIRE, 3-2, G-16
- Tactical air control party, 1-9, A-11, A-14, A-33
- Tactical air support, A-8
  - Attack coordination, A-11
  - Employment considerations, A-15
  - Immediate CAS, A-10
  - Naval and Marine Corps air, A-30
  - Preplanned CAS, A-8
  - Request channels, A-8, A-10
- Target(s)
  - Categories cross reference, G-8
  - Groups of, D-6
  - Numbering system, D-1
  - On-call, D-7
  - Priority, D-1
  - Programs of, D-6
  - Scheduled, D-1
  - Scheduling of, D-7
  - Series of, D-6
  - Sheet, G-6
  - Symbols, D-3
- Target acquisition
  - As an FS system component, 1-1
  - Available systems in a brigade, 2-11
  - Employment of, J-1, J-3, J-7, J-12, J-14
- Target list work sheet, 2-12, D-5
  - Example of, D-5
  - Preparation of, D-5
- Target value analysis, G-1, G-13
- Time separation (ACA), A-19
- Trigger points, 3-20, H-4