

Paragraph	Page
4-1-10. IFR Approaches/Ground Vehicle Operations	4-1-7
4-1-11. Designated UNICOM/MULTICOM Frequencies	4-1-8
4-1-12. Use of UNICOM for ATC Purposes	4-1-9
4-1-13. Automatic Terminal Information Service (ATIS)	4-1-9
4-1-14. Automatic Flight Information Service (AFIS) – Alaska FSSs Only	4-1-10
4-1-15. Radar Traffic Information Service	4-1-11
4-1-16. Safety Alert	4-1-13
4-1-17. Radar Assistance to VFR Aircraft	4-1-14
4-1-18. Terminal Radar Services for VFR Aircraft	4-1-15
4-1-19. Tower En Route Control (TEC)	4-1-17
4-1-20. Transponder and ADS-B Out Operation	4-1-18
4-1-21. Airport Reservation Operations and Special Traffic Management Programs	4-1-22
4-1-22. Requests for Waivers and Authorizations from Title 14, Code of Federal Regulations (14 CFR)	4-1-22
4-1-23. Weather Systems Processor	4-1-23

Section 2. Radio Communications Phraseology and Techniques

4-2-1. General	4-2-1
4-2-2. Radio Technique	4-2-1
4-2-3. Contact Procedures	4-2-2
4-2-4. Aircraft Call Signs	4-2-3
4-2-5. Description of Interchange or Leased Aircraft	4-2-5
4-2-6. Ground Station Call Signs	4-2-5
4-2-7. Phonetic Alphabet	4-2-6
4-2-8. Figures	4-2-7
4-2-9. Altitudes and Flight Levels	4-2-7
4-2-10. Directions	4-2-7
4-2-11. Speeds	4-2-8
4-2-12. Time	4-2-8
4-2-13. Communications with Tower when Aircraft Transmitter or Receiver or Both are Inoperative	4-2-9
4-2-14. Communications for VFR Flights	4-2-9

Section 3. Airport Operations

4-3-1. General	4-3-1
4-3-2. Airports with an Operating Control Tower	4-3-1
4-3-3. Traffic Patterns	4-3-3
4-3-4. Visual Indicators at Airports Without an Operating Control Tower	4-3-6
4-3-5. Unexpected Maneuvers in the Airport Traffic Pattern	4-3-7
4-3-6. Use of Runways/Declared Distances	4-3-8
4-3-7. Low Level Wind Shear/Microburst Detection Systems	4-3-12
4-3-8. Braking Action Reports and Advisories	4-3-13
4-3-9. Runway Condition Reports	4-3-13
4-3-10. Intersection Takeoffs	4-3-15
4-3-11. Pilot Responsibilities When Conducting Land and Hold Short Operations (LAHSO)	4-3-16
4-3-12. Low Approach	4-3-19
4-3-13. Traffic Control Light Signals	4-3-19
4-3-14. Communications	4-3-20