

3 SEPTEMBER 2002



Personnel

**14AF TRAINING AND EVALUATION
PERFORMANCE STANDARDS (TEPS)**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

NOTICE: This publication is available digitally at Air Force Electronic Publishing WWW site at <http://www.e-publishing.af.mil>

OPR: DOTT (Maj Scott Russell,
Maj Richard Harvey)

Certified by: DOT (Col Robert C. Keyser)

Supersedes AFSPCI36-2203V1, 2 Jan 01.

Pages: 218
Distribution: F

This instruction implements AFPD36-22, **Military Training**. It applies to Headquarters Air Force Space Command (HQ AFSPC), HQ 14 AF, 14 AF subordinate units, Air Force Reserve Command when published in the AFRCIND2, and Air National Guard units when published in the ANGIND 2. It contains Job Performance Requirements (JPR) for the following mission areas: Missile Warning, Space Surveillance, Command and Control, Spacelift and Satellite Control. In addition, it contains specific performance proficiency standards and training and evaluation constraints for individual tasks. The reporting requirements in this directive are exempt from report control symbol (RCS) licensing in accordance with AFI 33-324, **The Information Collections and Reports Management Program; Controlling Internal, Public, and Intragency Air Force Information Collections**. Additionally, requirements of this directive supercede TEPS guidance per AFSPCI36-2202, **Mission Ready Training, Evaluation and Standardization Programs**, where applicable. This instruction may not be supplemented.

SUMMARY OF REVISIONS

This instruction has been revised to provide updates to TEPS for all units/missions. This document is substantially modified and must be completely reviewed.

1. Terms Explained:	18
2. Mission Area JPRs.	18
3. System JPRLs.	19
4. Proficiency Levels.	19
5. TEPS Use Guidelines.	20
6. Changes.	20

7. Waivers.	20
8. Clarifications.	20

Attachment 1— MISSILE WARNING MISSION AREA 21

A1.1. The Missile Warning mission area includes the master JPR matrix, five system JPRLs with associated TEPS. The table below lists the title and table number for easy reference.	21
Table A1.1. Missile Warning Mission Area Matrix.	21
Table A1.2. Missile Warning JPR (6/7/12/13/10 SWS, CGS, TGS, MGS, SBIRS).	22
Table A1.3. Phased Array JPRL (6/7/12/13 SWS).	34
A1.2. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):	39
Table A1.4. Respond to Accident/Injury/Illness.	39
A1.3. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):	39
Table A1.5. Respond to Severe Weather/Natural Disaster.	40
A1.4. PERFORM WHITE PINNACLE ACTIONS (A09E):	40
Table A1.6. Perform White Pinnacle Actions.	40
A1.5. PERFORM EMI PROCEDURES (B01A):	40
Table A1.7. Perform EMI Procedures.	40
A1.6. PERFORM POWER TRANSFER PROCEDURE (B08):	40
Table A1.8. Perform Power Transfer Procedure.	41
A1.7. PERFORM SEVERE CLUTTER PROCEDURES (B10):	41
Table A1.9. Perform Severe Clutter Procedures.	41
A1.8. PERFORM VALID SITE REPORT ACTIONS (C01A):	41
Table A1.10. Perform Valid Site Report Actions.	42
A1.9. PERFORM ANOMALOUS SITE REPORT ACTIONS (C01B):	42
Table A1.11. Perform Anomalous Site Report Actions.	43
A1.10.PERFORM UNDER INVESTIGATION SITE REPORT ACTIONS	43
Table A1.12. Perform Under Investigation Site Report Actions.	44
A1.11.PERFORM MWC-INITIATED SITE REPORT ACTIONS (C01D):	44
Table A1.13. Perform MWC-Initiated Site Report Actions.	44
A1.12.PERFORM NORMAL SPACETRACK ACTIONS (C04A):	44
Table A1.14. Perform Normal Spacetrack Actions.	44
A1.13.PERFORM ANCHOR ALERT ACTIONS (C05A):	44

Table A1.15. Perform Anchor Alert Actions.	45
A1.14.PERFORM FOLDER ALERT ACTIONS (C05B):	45
Table A1.16. Perform Folder Alert Actions.	45
A1.15.PERFORM ASAT ACTIONS (C05C):	45
Table A1.17. Perform ASAT Actions.	45
A1.16.PERFORM ANALSAT ACTIONS (C05D):	45
Table A1.18. Perform ANALSAT Actions.	45
A1.17.CHANGE SPACETRACK CATALOG RELIABILITY (C11A):	45
Table A1.19. Change Spacetrack Catalog Reliability.	46
A1.18.RESPOND TO FIRE/OVERHEAT INDICATIONS (E01):	46
Table A1.20. Respond to Fire/Overheat Indications.	46
A1.19.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):	46
Table A1.21. Respond to Physical Security Violations.	47
A1.20.RESPOND TO BOMB THREAT (E02B):	47
Table A1.22. Respond to Bomb Threat.	47
A1.21.PERFORM TOTAL EVACUATION PROCEDURES (E03):	47
Table A1.23. Perform Evacuation Procedures.	48
A1.22.PERFORM EMERGENCY FAULT PROCEDURES (E04A):	48
Table A1.24. Perform Emergency Fault Procedures.	48
A1.23.PERFORM TEST CONTROL PROCEDURES (A11):	48
A1.24.RESPOND TO VOICE COMMUNICATION FAILURE (B02A):	48
A1.25.Respond to Dataline Communication Failure (B02B):	48
A1.26.RESPOND TO AUTODIN FAILURE (B02C):	49
A1.27.PERFORM PREVENTIVE MAINTENANCE (B06):	49
A1.28.PERFORM AUTODIN PROCEDURE (B09A):	49
A1.29.PERFORM RETRANSMISSION PROCEDURE (B09B):	49
A1.30.PERFORM VOICETELL (C01E):	49
A1.31.CONDUCT SEARCH/PERFORM SHORT TERM FENCE PROCE	49
A1.32.UPDATE EPOCH TIME/RIGHT ASCENSION (C03G):	49
A1.33.PERFORM ACTIONS FOR LAUNCH IN SITE COVERAGE (C06A):	50
A1.34.PERFORM ACTIONS FOR PPL REQUIRING EODET (C06B):	50

A1.35.PERFORM MANUAL TOES COMPUTATION (C03H)	50
Table A1.25. PARCS JPRL (10 SWS).	51
A1.36.RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):	55
Table A1.26. Respond to Accident/Injury/Illness.	56
A1.37.RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):	56
Table A1.27. Respond to Severe Weather/Natural Disaster.	56
A1.38.PERFORM WHITE PINNACLE ACTIONS (A09E):	56
Table A1.28. Perform White Pinnacle Actions.	56
A1.39.PERFORM EMI PROCEDURES (B01A):	56
Table A1.29. Perform EMI Procedures.	57
A1.40.PERFORM POWER TRANSFER PROCEDURE (B08):	57
Table A1.30. Perform Power Transfer Procedure.	57
A1.41.PERFORM VALID SITE REPORT ACTIONS (C01A):	57
Table A1.31. Perform Valid Site Report Actions.	58
A1.42.PERFORM ANOMALOUS SITE REPORT ACTIONS (C01B):	58
Table A1.32. Perform Anomalous Site Report Actions.	58
A1.43.PERFORM UNDER INVESTIGATION SITE REPORT ACTIONS	58
Table A1.33. Perform Under Investigation Site Report Actions.	58
A1.44.PERFORM MWC-INITIATED SITE REPORT ACTIONS (C01D):	58
Table A1.34. Perform MWC-Initiated Site Report Actions.	59
A1.45.PERFORM NORMAL SPACETRACK ACTIONS (C04A):	59
Table A1.35. Perform Normal Spacetrack Actions.	59
A1.46.PERFORM ANCHOR ALERT ACTIONS (C05A):	59
Table A1.36. Perform Anchor Alert Actions.	59
A1.47.PERFORM FOLDER ALERT ACTIONS (C05B):	59
Table A1.37. Perform Folder Alert Actions:	59
A1.48.PERFORM ASAT ACTIONS (C05C):	59
Table A1.38. Perform ASAT Actions.	60
A1.49.PERFORM ANALSAT ACTIONS (C05D):	60
Table A1.39. Perform Analyst Elset Actions.	60
A1.50.RESPOND TO FIRE/OVERHEAT INDICATIONS (E01):	60

Table A1.40. Respond to Fire/Overheat Indications.	61
A1.51.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):	61
Table A1.41. Respond to Physical Security Violations.	61
A1.52.RESPOND TO BOMB THREAT (E02B):	61
Table A1.42. Respond to Bomb Threat.	62
A1.53.PERFORM TOTAL EVACUATION PROCEDURES (E03):	62
Table A1.43. Perform Total Evacuation Procedures.	62
A1.54.PERFORM EMERGENCY FAULT PROCEDURES (E04A):	62
Table A1.44. Perform Emergency Fault Procedures.	63
A1.55.PERFORM TEST CONTROL PROCEDURES (A11):	63
A1.56.RESPOND TO VOICE COMMUNICATION FAILURE (B02A):	63
A1.57.RESPOND TO DATALINE COMMUNICATION FAILURE (B02B):	63
A1.58.RESPOND TO AUTODIN FAILURE (B02C):	63
A1.59.PERFORM PREVENTIVE MAINTENANCE (B06):	63
A1.60.PERFORM AUTODIN PROCEDURE (B09A):	63
A1.61.PERFORM VOICETELL (C01E):	64
A1.62.UPDATE EPOCH TIME/RIGHT ASCENSION (C03G):	64
A1.63.PERFORM ACTIONS FOR PPL REQUIRING EODET (C06B)	64
Table A1.45. Spaced-Based Sensor JPRL (CGS/TGS/MGS).	65
A1.64.RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):	72
Table A1.46. Respond To Accident/Injury/Illness:	72
A1.65.RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):	72
Table A1.47. Respond To Severe Weather/Natural Disaster	72
A1.66.PERFORM WHITE PINNACLE ACTIONS (A09E)	72
Table A1.48. Perform White Pinnacle Actions	73
A1.67.PERFORM EMI PROCEDURES (B01A)	73
Table A1.49. Perform EMI Procedures.	73
A1.68.RESPOND TO EXTERNAL DATA LOSS (B02D):	73
Table A1.50. Respond to External Data Loss.	73
A1.69.Respond to Console/Ground Station Malfunctions	73
Table A1.51. Respond to Console/Ground Station Malfunctions.	74

A1.70.RESPOND TO SATELLITE MALFUNCTION (B03F): 74

Table A1.52. Respond To Satellite Malfunction. 74

A1.71.PERFORM VALID SITE REPORT ACTIONS (D01A): 74

Table A1.53. Perform Valid Site Report Actions. 74

A1.72.PERFORM ANOMALOUS SITE REPORT ACTIONS (D01B): 74

Table A1.54. Perform Anomalous Site Report Actions. 75

A1.73.RESPOND TO MWC-IMPLEMENTED SITE REPORT ACTIONS 75

Table A1.55. Respond To MWC-Implemented Site Report Actions. 75

A1.74.PERFORM VOICETELL (D01D): 75

Table A1.56. Perform Voicetell. 75

A1.75.PERFORM THEATER VOICE NET ACTIONS (D01E): 75

Table A1.57. Perform Theater Voice Net Actions. 76

A1.76.PROCESS LAUNCH ACTIVITY (D02A): 76

Table A1.58. Process Launch Activity. 76

A1.77.PERFORM ICADS/NUDET ACTIONS (D03B): 76

Table A1.59. Perform ICADS/NUDET Actions. 76

A1.78.PERFORM SYSTEM 8 ACTIONS (D03C): 76

Table A1.60. Perform System 8 Actions. 76

A1.79.PERFORM HOTWALKER ACTIONS (D04C): 76

Table A1.61. Perform Hotwalker Actions. 77

A1.80.PERFORM FIRE/OVERHEAT PROCEDURES (E01): 77

Table A1.62. Perform Fire/Overheat Procedures. 77

A1.81.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A): 77

Table A1.63. Respond To Physical Security Violations. 78

A1.82.RESPOND TO BOMB THREAT (E02B): 78

Table A1.64. Respond To Bomb Threat. 78

A1.83.PERFORM TOTAL EVACUATION PROCEDURES (E03): 78

Table A1.65. Perform Total Evacuation Procedures. 79

A1.84.PERFORM EMERGENCY FAULT PROCEDURES (E04A): 79

Table A1.66. Perform Emergency Fault Procedures. 79

A1.85.PERFORM HEAT/LOAD SHEDDING (E04B): 79

Table A1.67. Perform Heat/Load Shedding.	80
A1.86.PERFORM SYSTEM INITIALIZATION (A13A):	80
A1.87.PERFORM HANDOVER ACTIONS (A13E):	80
A1.88.RESPOND TO VOICE COMMUNICATION FAILURE (B02A):	80
A1.89.RESPOND TO DATALINE COMMUNICATION FAILURE (B02B):	80
A1.90.RESPOND TO POI DIRECTION (D05C):	80
A1.91.RESPOND TO PEC DIRECTION (D05D):	81
A1.92.PERFORM SYSTEM OPTIMIZATION (D06C):	81
A1.93.PERFORM CPS COMMANDING (D08B):	81
A1.94.PERFORM STANDALONE COMMANDING (D08C):	81
A1.95.PROCESS EPHEMERIS DATA (D10):	81
A1.96.SUBMIT EMI REPORT (B01B):	81
Table A1.68. Space-Based Infrared Systems (SBIRS) JPRL.	82
A1.97.RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):	87
Table A1.69. Respond To Accident/Injury/Illness.	88
A1.98.RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):	88
Table A1.70. Respond To Severe Weather/Natural Disaster.	88
A1.99.PERFORM WHITE PINNACLE ACTIONS (A09E):	88
Table A1.71. Perform White Pinnacle Actions.	88
A1.100.PERFORM EMI PROCEDURES (B01A):	88
Table A1.72. Perform EMI Procedures.	89
A1.101.RESPOND TO VOICE COMMUNICATION FAILURE (B02A):	89
Table A1.73. Respond to Voice Communications Failure.	89
A1.102.RESPOND TO DATALINE COMMUNICATION FAILURE (B02B):	89
Table A1.74. Respond to Dateline Communications Failure.	89
A1.103.RESPOND TO CONSOLE/GROUND STATION MALFUNCTIONS	89
Table A1.75. Respond to Console/Ground Station Malfunctions.	90
A1.104.RESPOND TO SATELLITE MALFUNCTION (B03F):	90
Table A1.76. Respond to Satellite Malfunction.	90
A1.105.RESPOND TO RGS-M MALFUNCTION (B03G):	90
Table A1.77. Respond to RGS-M Malfunction.	90

A1.106.RESPOND TO RGS-P MALFUNCTION (B03K):	90
Table A1.78. Respond to RGS-P Malfunction.	91
A1.107.PERFORM VALID SITE REPORT ACTIONS (D01A):	91
Table A1.79. Perform Valid Site Report Actions.	91
A1.108.PERFORM ANOMALOUS SITE REPORT ACTIONS (D01B):	91
Table A1.80. Perform Anomalous Site Report Actions.	91
A1.109.RESPOND TO MWC-IMPLEMENTED SITE REPORT ACTIONS	91
Table A1.81. Respond to MWC Implemented Site Report Actions.	91
A1.110.PERFORM VOICETELL (D01D):	91
Table A1.82. Perform Voicetell.	92
A1.111.PERFORM THEATER VOICE NET ACTIONS (D01E):	92
Table A1.83. Perform Theater Voice Net Actions.	92
A1.112.PROCESS LAUNCH ACTIVITY (D02A):	92
Table A1.84. Process Launch Activity.	92
A1.113.PERFORM ICADS/NUDET ACTIONS (D03B):	92
Table A1.85. Perform ICADS/NUDET Actions.	93
A1.114.PERFORM HOTWALKER ACTIONS (D04C):	93
Table A1.86. Perform Hotwalker Actions.	93
A1.115.PERFORM FOED ACTIONS (D04J):	93
Table A1.87. Perform FOED Actions.	93
A1.116.PERFORM UPDATE ACTIONS (D04K):	93
Table A1.88. Perform Update Actions.	93
A1.117.PERFORM FIRE/OVERHEAT PROCEDURES (E01):	93
Table A1.89. Perform Fire/Overheat Procedures.	94
A1.118.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):	94
Table A1.90. Respond to Physical Security Violations.	94
A1.119.RESPOND TO BOMB THREAT (E02B):	94
Table A1.91. Respond to Bomb Threat.	95
A1.120.PERFORM TOTAL EVACUATION PROCEDURES (E03):	95
Table A1.92. Perform Total Evacuation Procedures.	95
A1.121.PERFORM EMERGENCY FAULT PROCEDURES (E04A):	95

Table A1.93. Perform Emergency Fault Procedures. 96
 A1.122.PERFORM HEAT/LOAD SHEDDING (E04B): 96
 Table A1.94. Perform Heat/Load Shedding. 96
 A1.123.PERFORM MISSION TRANSFER DEPLOYMENT (E06): 96
 Table A1.95. Perform Mission Transfer Deployment (E06). 96

Attachment 2— SPACE SURVEILLANCE MISSION AREA

A2.1. The Space Surveillance mission area includes the master JPR matrix, one system JPRL with associated TEPS. The table below lists the title and table number for easy reference. 97
 Table A2.1. Space Surveillance Mission Area Matrix. 97
 Table A2.2. Space Surveillance JPR (4/18/20 SPSS, 18 SPSS Det 4). 98
 Table A2.3. Active Space Surveillance JPRL (20 SPSS). 104
 A2.2. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A): 107
 Table A2.4. Respond to Accident/Injury/Illness. 108
 A2.3. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B): 108
 Table A2.5. Respond to Severe Weather/Natural Disaster. 108
 A2.4. PERFORM WHITE PINNACLE ACTIONS (A09E): 108
 Table A2.6. Perform White Pinnacle Actions. 108
 A2.5. PERFORM EMI PROCEDURES (B01A): 108
 Table A2.7. Perform EMI Procedures. 109
 A2.6. PERFORM NORMAL SPACETRACK ACTIONS (C02A): 109
 Table A2.8. Perform Normal Spacetrack Actions. 109
 A2.7. PERFORM ANCHOR ALERT ACTIONS (C03A): 109
 Table A2.9. Perform Anchor Alert Actions. 109
 A2.8. PERFORM FOLDER ALERT ACTIONS (C03B): 109
 Table A2.10. Perform Folder Alert Actions. 109
 A2.9. PERFORM ASAT ACTIONS (C03C): 109
 Table A2.11. Perform ASAT Actions. 110
 A2.10.PERFORM ANALSAT ACTIONS (C03D): 110
 Table A2.12. Perform ANALSAT Actions. 110
 A2.11.RESPOND TO FIRE/OVERHEAT INDICATIONS (E01): 110
 Table A2.13. Respond to Fire/Overheat Indications. 110

A2.12.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):	110
Table A2.14. Respond to Physical Security Violations.	111
A2.13.RESPOND TO BOMB THREAT (E02B):	111
Table A2.15. Respond to Bomb Threat.	111
A2.14.PERFORM TOTAL EVACUATION PROCEDURES (E03):	111
Table A2.16. Perform Total Evacuation Procedures.	112
A2.15.PERFORM EMERGENCY FAULT PROCEDURES (E04):	112
Table A2.17. Perform Emergency Fault Procedures.	112
A2.16.PERFORM AIRSPACE MANAGEMENT (E05A):	112
Table A2.18. Perform Airspace Management.	112
A2.17.PERFORM RF INHIBIT ACTIONS (E05B):	112
Table A2.19. Perform Airspace Management.	112
A2.18.RESPOND TO VOICE COMMUNICATION FAILURE (B02A):	113
A2.19.RESPOND TO DATALINE COMMUNICATION FAILURE (B02B):	113
A2.20.RESPOND TO AUTODIN FAILURE (B02C):	113
A2.21.UPDATE EPOCH TIME/RIGHT ASCENSION (C01E):	113
Table A2.20. Optical Space Surveillance JPRL (18 SPSS/18 SPSS Det 4).	114
A2.22.RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):	118
Table A2.21. Respond to Accident/Injury/Illness:	118
A2.23.RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):	118
Table A2.22. Respond to Severe Weather/Natural Disaster.	118
A2.24.PERFORM WHITE PINNACLE ACTIONS (A09E):	118
Table A2.23. Perform White Pinnacle Actions.	119
A2.25.RESPOND TO DATALINE COMMUNICATION FAILURE (B02B):	119
Table A2.24. Respond to Dataline Communication Failure.	119
A2.26.PERFORM POWER TRANSFER PROCEDURES (B08):	119
Table A2.25. Perform Power Transfer Procedures.	119
A2.27.PERFORM FIRE/OVERHEAT PROCEDURES (E01):	119
Table A2.26. Perform Fire/Overheat Procedures.	120
A2.28.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):	120
Table A2.27. Respond to Physical Security Violation:	120

AFSPCI36-2203V1 3 SEPTEMBER 2002	11
A2.29.RESPOND TO BOMB THREAT (E02B):	120
Table A2.28. Respond to Bomb Threat.	121
A2.30.PERFORM TOTAL EVACUATION PROCEDURES (E03):	121
Table A2.29. Perform Total Evacuation Procedures.	121
A2.31.PERFORM EMERGENCY FAULT PROCEDURES (E04):	121
Table A2.30. Perform Emergency Fault Procedures.	121
A2.32.PERFORM SPECIAL TASKING (G01E):	121
Table A2.31. Perform Special Tasking.	122
A2.33.PERFORM ALERTING ACTIONS (GO3A):	122
Table A2.32. Perform Alerting Actions.	122
A2.34.SUBMIT UTILITY OUTAGE/INCIDENT REPORT (A09K):	122
A2.35.PERFORM PREVENTIVE MAINTENANCE (B06):	122
Attachment 3— COMMAND AND CONTROL MISSION AREA	123
A3.1. The Command and Control mission area includes the master JPR matrix, two JPRLs with associated TEPS. The table below lists the title and table number for easy reference.	123
Table A3.1. Command and Control Mission Area Matrix.	123
Table A3.2. Command and Control JPR (1 SPCS/614SOPS SCCO/21 SW WOC).	124
Table A3.3. Active Command and Control JPRL (1 SPCS).	130
A3.2. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):	135
Table A3.4. Respond To Accident/Injury/Illness.	135
A3.3. DETERMINE/REPORT OPREP-3 INCIDENTS (A09A):	135
Table A3.5. Determine/Report OPREP-3 Incidents:	136
A3.4. IDENTIFY OPSCAP REQUIREMENTS (A09F):	136
Table A3.6. Identify OPSCAP Requirements.	136
A3.5. SUBMIT SPACE WARNING AND ATTACK MESSAGES (A09I):	136
Table A3.7. Submit Space Warning and Attack Messages.	136
A3.6. PERFORM REENTRY PROCEDURES (C02F):	136
Table A3.8. Perform Reentry Procedures.	137
A3.7. PERFORM CONJUNCTION ANALYSIS (C04A):	137
Table A3.9. Perform Conjunction Analysis.	137
A3.8. PERFORM ELSET ONE TRANSMISSION PROCEDURES (C10I):	137

Table A3.10. Perform ELSET One Transmission Procedures.	138
A3.9. PERFORM FIRE/OVERHEAT PROCEDURES (E01):	138
Table A3.11. Perform Fire/Overheat Procedures.	138
A3.10.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):	138
Table A3.12. Respond To Physical Security Violations.	139
A3.11.RESPOND TO BOMB THREAT (E02B):	139
Table A3.13. Respond To Bomb Threat.	139
A3.12.PERFORM TOTAL EVACUATION PROCEDURES (E03):	139
Table A3.14. Perform Total Evacuation Procedures.	140
Table A3.15. 614SOPS SCCO JPRL.	140
A3.13.RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):	144
Table A3.16. Respond To Accident/Injury/Illness.	144
A3.14.RESPOND TO UNSCHEDULED RADAR OUTAGE (C09A):	144
Table A3.17. Respond to Unscheduled Radar Outage.	144
A3.15.RESPOND TO UNSCHEDULED DSP OUTAGE (C09B)	144
Table A3.18. Respond to Unscheduled DSP Outage.	145
A3.16.PERFORM FIRE/OVERHEAT PROCEDURES (E01):	145
Table A3.19. Perform Fire/Overheat Procedures.	145
A3.17.RESPOND TO BOMB THREAT (E02B):	145
Table A3.20. Respond To Bomb Threat.	146
A3.18.PERFORM EVACUATION PROCEDURES (E03):	146
Table A3.21. Perform Evacuation Procedures.	147
Table A3.22. 21 SW/WOC JPRL.	147
A3.19.RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):	151
Table A3.23. Respond To Accident/Injury/Illness.	151
A3.20.RESPOND TO COMPUTER/CONSOLE MALFUNCTIONS	151
Table A3.24. Respond to Computer/Console Malfunctions.	151
A3.21.RESPOND TO UNSCHEDULED RADAR OUTAGE (C09A):	151
Table A3.25. Respond to Unscheduled Radar Outage.	151
A3.22.RESPOND TO UNSCHEDULED DSP OUTAGE (C09B):	151
Table A3.26. Respond to Unscheduled DSP Outage.	152

AFSPCI36-2203V1 3 SEPTEMBER 2002	13
A3.23.PERFORM FIRE/OVERHEAT PROCEDURES (E01):	152
Table A3.27. Perform Fire/Overheat Procedures.	152
A3.24.RESPOND TO PHYSICAL SECURITY VIOLATION (E02A):	152
Table A3.28. Respond To Bomb Threat.	153
A3.25.RESPOND TO BOMB THREAT (E02B):	153
Table A3.29. Respond To Bomb Threat.	153
A3.26.PERFORM EVACUATION PROCEDURES (E03):	153
Table A3.30. Perform Evacuation Procedures.	154
A3.27.PERFORM SIM MEDIA PROCEDURES (A11A):	154
A3.28.RESPOND TO SENSOR SITE INTERFERENCE INDICATIONS	154
A3.29.RESPOND TO SOLAR/GEOMAGNETIC EVENT INDICATIONS	154
A3.30.RESPOND TO VOICE COMMUNICATION FAILURE (B02A):	154
A3.31.RESPOND TO UNIT MAINTENANCE REQUESTS (B06A):	154
A3.32.PERFORM MMS CHANGE PROCEDURES (B06B):	154
A3.33.PERFORM HANDOVER/OPERATIONS CENTER TRANSFER	155
 Attachment 4— SPACELIFT MISSION AREA	 156
A4.1. The Spacelift mission area includes the master JPR matrix, four system JPRLs with associated TEPS. The table below lists the title and table for easy reference.	156
Table A4.1. Spacelift Mission Area Matrix.	156
Table A4.2. Spacelift JPR. (30 SW/45 SW).	157
Table A4.3. Space Launch JPRL (1/2/3 SLS).	162
A4.2. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):	166
Table A4.4. Respond To Accident/Injury/Illness.	166
A4.3. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):	166
Table A4.5. Respond To Severe Weather/Natural Disaster.	166
A4.4. PERFORM TOXIC HAZARD PROCEDURES (A03C):	166
Table A4.6. Perform Toxic Hazard Procedures:	167
A4.5. PERFORM CONTINGENCY COUNTDOWN (Hold/Recycle/Abort)	167
Table A4.7. Perform Contingency Countdown (Hold/Recycle/Abort).	168
A4.6. RESPOND TO FIRE/OVERHEAT INDICATIONS (E01):	168
Table A4.8. Respond To Fire/Overheat Indications.	168

A4.7. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A): 168

Table A4.9. Respond To Physical Security Violations. 169

A4.8. RESPOND TO BOMB THREAT (E02B): 169

Table A4.10. Respond To Bomb Threat. 169

A4.9. PERFORM EVACUATION PROCEDURES (E03): 169

Table A4.11. Perform Evacuation Procedures. 169

A4.10.PERFORM LAUNCH WINDOW MANAGEMENT (D05C): 170

A4.11.PERFORM/REQUEST WAIVER ACTIONS (D05D): 170

A4.12.PERFORM SECURITY PROCEDURES (E02) (30 SW only): 170

Table A4.12. Range JPRL (30/45 SW). 171

A4.13.RESPOND TO ACCIDENT/INJURY/ILLNESS NOTIFICATION 176

Table A4.13. Respond To Accident/Injury/Illness Notification. 176

A4.14.RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B): 176

Table A4.14. Respond To Severe Weather/Natural Disaster. 176

A4.15.PERFORM TOXIC HAZARD PROCEDURES (A03C) (ROC/RCO/ACO) 176

Table A4.15. Perform Toxic Hazard Procedures. 177

A4.16.PERFORM LASER OPERATIONS (C02C): 177

Table A4.16. Perform Laser Operations. 177

A4.17.PERFORM AIRCRAFT EMERGENCY PROCEDURES (C04): 177

Table A4.17. Perform Aircraft Emergency Procedures. 178

A4.18.PERFORM CONTINGENCY COUNTDOWN (Hold/Recycle/Abort) 178

Table A4.18. Perform Contingency Countdown (Hold/Recycle/Abort). 178

A4.19.PERFORM NON-NOMINAL/POST DESTRUCT ACTIONS (D07A) (Evaluate
30 SW SCMDR, RCO, and ACO to level B): 178

Table A4.19. Perform Non-Nominal/Post Destruct Actions. 178

A4.20.PERFORM ERRANT MISSILE ACTIONS (D07B) (Evaluate 30 SW) 178

Table A4.20. Perform Errant Missile Actions. 179

A4.21.PERFORM FIRE/OVERHEAT PROCEDURES (E01): 179

Table A4.21. Perform Fire/Overheat Procedures. 179

A4.22.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A): 179

Table A4.22. Respond To Physical Security Violations. 180

A4.23.RESPOND TO BOMB THREAT (E02B):	180
Table A4.23. Respond To Bomb Threat.	180
A4.24.PERFORM EVACUATION PROCEDURES (E03):	180
Table A4.24. Perform Evacuation Procedures.	181
A4.25.PREPARE/SUBMIT LCU NET REPORTING (D02D):	181
A4.26.PERFORM SECURITY PROCEDURES (E02) (30 SW only):	181
Table A4.25. Safety JPRL (30/45 SW).	182
A4.27.RESPOND TO ACCIDENT/INJURY/ILLNESS NOTIFICATION	185
Table A4.26. Respond To Accident/Injury/Illness Notification.	185
A4.28.RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):	185
Table A4.27. Respond To Severe Weather/Natural Disaster.	185
A4.29.PERFORM FLIGHT TERMINATION PROCEDURES (C03B):	185
Table A4.28. Perform Flight Termination Procedures.	187
A4.30.PERFORM C	188
Table A4.29. Perform C2 Contingencies.	189
A4.31.PERFORM CONTINGENCY COUNTDOWN (Hold/Recycle/Abort)	189
Table A4.30. Perform Contingency Countdown (Hold/Recycle/Abort).	189
A4.32.PERFORM NON NOMINAL/POST DESTRUCT ACTIONS (D07A):	189
Table A4.31. Perform Non Nominal/Post Destruct Actions.	190
A4.33.PERFORM ERRANT MISSILE ACTIONS (D07B):	190
Table A4.32. Perform Errant Missile Actions.	190
A4.34.RESPOND TO FIRE/OVERHEAT INDICATIONS (E01):	190
Table A4.33. Respond To Fire/Overheat Indications.	191
A4.35.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):	191
Table A4.34. Respond To Physical Security Violations.	191
A4.36.RESPOND TO BOMB THREAT (E02B):	191
Table A4.35. Respond To Bomb Threat.	192
A4.37.PERFORM EVACUATION PROCEDURES (E03):	192
Table A4.36. Perform Evacuation Procedures.	192
A4.38.PERFORM LAUNCH WINDOW MANAGEMENT (D05C):	192
A4.39.PERFORM SECURITY PROCEDURES (E02) (30 SW only):	192

Table A4.37. SCMDR/OD JPRL (30/45 SW).	193
A4.40.RESPOND TO ACCIDENT/INJURY/ILLNESS NOTIFICATION	195
Table A4.38. Respond To Accident/Injury/Illness Notification.	196
A4.41.RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):	196
Table A4.39. Respond To Severe Weather/Natural Disaster.	196
A4.42.PERFORM FIRE/OVERHEAT PROCEDURES (E01):	196
Table A4.40. Perform Fire/Overheat Procedures.	197
A4.43.RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):	197
Table A4.41. Respond To Physical Security Violations.	197
A4.44.RESPOND TO BOMB THREAT (E02B):	197
Table A4.42. Respond To Bomb Threat.	198
A4.45.PERFORM EVACUATION PROCEDURES (E03):	198
Table A4.43. Perform Evacuation Procedures.	198
A4.46.PERFORM SECURITY PROCEDURES (E02) (30 SW only):	198
Attachment 5— SATELLITE CONTROL MISSION AREA	199
A5.1. The Satellite Control mission area includes the master JPR matrix and the JPRL with associated TEPS. The table below lists the title and table number for easy reference.	199
Table A5.1. Satellite Control Mission Area Matrix.	199
Table A5.2. Satellite Control JPR (1/2/3/4 SOPS).	200
Table A5.3. Satellite Control JPRL (1/2/3/4 SOPS).	205
A5.2. Respond to Accident/Injury/Illness Notifications (A03A):	212
Table A5.4. Respond to Accident/Injury/Illness.	212
A5.3. Respond to Severe Weather/Natural Disaster Notifications (A03B):	212
Table A5.5. Respond to Severe Weather/Natural Disaster.	212
A5.4. Submit OPREP-3 (A09A):	212
Table A5.6. Submit OPREP-3.	213
A5.5. (2 SOPS AND 4 SOPS ONLY) User Specific Reports (A09E):	213
Table A5.7. (2 SOPS and 4 SOPS Only) Submit User Specific Reports.	214
A5.6. Determine/Report Ground System OPSCAP (A09F):	214
Table A5.8. Determine/Report Ground System OPSCAP.	214
A5.7. (2,3,4, SOPS Only) Determine/Report Vehicle System Status (A09G):	214

Table A5.9. Determine/Report Vehicle System Status.	215
A5.8. (2,3,4, SOPS Only) Respond to Subsystem Anomalies (B03D):	215
Table A5.10. Respond to Subsystem Anomalies.	215
Table A5.11. (2 SOPS PSO Only) Perform Diagnostics.	215
A5.9. (4 SOPS Only) Perform Routine Rekey (C06A):	215
Table A5.12. (4 SOPS Only) Perform Routine Rekey.	216
A5.10. Perform Fire/Overheat Procedures (E01):	216
Table A5.13. Perform Fire/Overheat Procedures.	216
A5.11. Respond to Physical Security Violations (E02A):	216
Table A5.14. Respond to Physical Security Violations.	217
A5.12. Respond to Bomb Threat (E02B):	217
Table A5.15. Respond to Bomb Threat.	217
A5.13. Perform Evacuation Procedures (E03):	217
Table A5.16. Perform Evacuation Procedures.	218
A5.14. Perform Emergency Fault Procedures (E04):	218
Table A5.17. Perform Emergency Fault Procedures.	218

1. Terms Explained:

1.1. Area. A large segment of the work done by an individual; major divisions of work in a job.

1.2. Task. A unit of work activity or operation which forms a significant part of duty. JPR tasks are indicated by an alphanumeric code.

1.3. Subtask. Tasks are frequently divided into subtasks indicated by a letter suffix added to the task's alphanumeric code. Subtasks are used to better capture procedural skills and knowledge required to meet an overall task objective.

1.4. Job Performance Requirements (JPR). Tasks required to be performed by the human component of the system, the conditions under which these tasks may be performed, and the quality standards for acceptable performance. Categorized by mission areas, JPRs describe what people should do to perform their jobs. Mission areas are Missile Warning, Space Surveillance, Command and Control, Spacelift and Satellite Control.

1.5. Job Performance Requirement List (JPRL). Derived from the mission JPRs, JPRLs identify specific system tasks for each crew position and the proficiency Levels required for mission ready status. There are several system JPRLs under each mission area JPR.

1.6. Train Only Tasks. Train only tasks are tasks that have no significant impact on mission accomplishment. They are either relatively simple, not conducive to evaluating in either the simulator or operations environment or used solely to enhance the situational awareness, coordination, and proficiency of the crew as a whole. A superscript "T" indicates train only tasks, which, as a minimum, must be trained during qualification training (IQT and/or UQT).

1.6.1. Train only tasks will not be scheduled in unit evaluations without operations group commander approval.

1.6.2. Train only tasks will not be included in higher headquarters (HHQ) evaluation scripts.

1.6.3. If the crew performs one of these train only tasks during an evaluation or observation, evaluate the task even though task coverage was not intended.

1.7. Proficiency Codes (PC). The PC key definitions are found in AFMAN36-2236, *Guidebook for Air Force Instructors*. The proficiency codes define subject knowledge, task knowledge, and task performance level qualitative requirements. PCs assigned to a task indicate the level required to become certified in that task. PCs are restricted to mission ready (MR) skill Levels within this document.

1.8. Constraints. Limiting conditions or factors such as policy considerations, time limitations, equipment, environmental factors, personnel, budgetary, or other resource limitations.

1.9. Training and Evaluation Performance Standards (TEPS). An element of the JPR indicating task performance, standards (timing requirements), and constraints for the purpose of standardizing training and evaluation that supports operational mission ready certification requirements.

2. Mission Area JPRs. Mission area JPR matrices provide a master listing of all tasks required for MR certification.

2.1. Area (A), Task (T), Subtask (S). Alphanumeric designations for terms described in paragraphs 1.1 through 1.3. of this instruction.

2.2. Description . Area, task and subtask nomenclature.

2.3. Level (LVL). Indicates the training and evaluation performance Level category for each task/subtask. The highest TEPS Level for each task is listed in this column. More than one Level in this column indicates a Level difference within the mission area. Also referred to as “Proficiency Level”.

2.4. Units Affected. The remaining columns identify which units the mission area JPR is applicable. Tasks/subtasks that apply to a unit are appropriately marked in the individual unit columns. If more than one TEPS Level is indicated in the “LVL” column, the differences are indicated in parenthesis in the unit columns.

3. System JPRLs. Mission areas are further delineated by system. Each system JPRL outlines the tasks/subtasks a crew member must be proficient in to achieve and maintain MR status. JPRLs contain the following columns:

3.1. Area, Task, Subtask. Reference paragraphs **1.1. through 1.3.**

3.2. Description . Area, task and subtask nomenclature.

3.3. Units Not Affected. Indicates Units/Wings where a task does not apply. This column is not used in all JPRLs.

3.4. Level (Proficiency). Indicates the training and evaluation performance level category for each task/subtask. The highest TEPS Level for each task is listed in this column. All performance tasks/subtasks have TEPS Levels.

3.5. MR Skill Levels. Indicates task skill levels per AFMAN36-2236 for MR crew positions specified in AFSPCI10-1202, *Crew Force Management*. These columns list PCs for each associated task/subtask. Some tasks/subtasks are identified as “train only” (ref. **Para 1.6.**).

4. Proficiency Levels. Three proficiency levels exist: A, B, C. All Level A tasks/subtasks have TEPS. Level B and C TEPS are optional.

4.1. Level A. Applies to tasks that are time-sensitive and have identified maximum times for completion. These tasks are divided into asterisked performance standards and non-asterisked performance standards. **DO NOT PRESENT UNRELATED LEVEL A or B STATUS.** “Related status” refers to multiple events that occur as a result of the same root cause, and in some cases are accounted for in the TEPS by extended time standards.

4.1.1. Evaluatees/trainees must accomplish Level A tasks properly without taking any intervening lower priority actions that would, in the normal sequence of events, adversely affect task performance/ outcome. Performance or outcome is “adversely affected” when actions associated with the Level A task can no longer be accomplished or are delayed such that a crewmember is unable to meet the associated time standard.

4.1.2. Asterisked performance standards are not subject to judgment. They are used where there is a direct correlation between exceeding the time and failure to meet mission requirements or violation of a HHQ directed time standard.

4.1.3. Non-asterisked performance standards require urgent action. Because event outcome may be influenced by outside factors, there is not necessarily a direct correlation between outcome and

successful completion of task-associated actions within the specified time parameter(s). As a result, exceeding one of these times may not indicate a serious deficiency.

4.2. Level B. Evaluatees/trainees must accomplish Level B tasks properly without taking any intervening lower priority actions that would, in the normal sequence of events, adversely affect task performance/outcome. Performance or outcome is “adversely affected” when actions associated with the level B task can no longer be accomplished or are delayed such that a crewmember is unable to accomplish the task. **DO NOT PRESENT UNRELATED LEVEL B STATUS.**

4.3. Level C. Applies to tasks where no specific time standard is identified. The standard is to accomplish the task proficiently IAW technical orders and governing directives.

5. TEPS Use Guidelines. TEPS are intended for the preparation of training and evaluation scripts and materials. However, TEPS are not intended to supplement technical data or instructions, and shall not be used by crew members (i.e. evaluatees, trainees, and operators) to accomplish a task during evaluation, training, or actual weapon system operation.

5.1. TEPS are designed for problem presentation in the controlled scenario environment. The only Level A evaluation scenarios allowed are those using the performances and applicable standards listed in the appropriate TEPS tables.

5.2. Due to the uncontrolled operational environment, the standards may have to be modified, as described in AFSPCI36-2202.

5.3. TEPS may not describe all the correct crew member responses. Correct crew member responses are determined IAW technical orders and governing directives.

5.4. TEPS are used by OSO/unit DOUT as a guideline and to distinguish between proficiency and enrichment training. Units should identify enrichment training scenarios in training materials.

6. Changes. Forward recommended changes via letter, message or AF Form 847, **Recommendation for Change of Publication**, to HQ AFSPC/DOTT, 150 Vandenberg Street Ste 1105, Peterson AFB CO 80914-4240. Provide information copies to HQ AFSPC/IGIOS, and 14 AF/OV. All routine requests for changes are reviewed by the TEPS Working Group (TWG). The TWG is chaired by HQ AFSPC/DOTT and is made up of representatives from 14 AF/OV, and the units.

7. Waivers. Due to unique local situations, units may request a waiver to the requirements of this instruction. Forward requests through NAF to HQ AFSPC/DOTT describing the specific requirement creating the problem, and explain why a waiver is needed. If approved, waivers remain in effect for the publication’s duration, unless HQ AFSPC/DOTT specifies a shorter period of time, cancels in writing or issues a change that alters the basis for the waiver.

8. Clarifications. Process formal requests for clarification through NAF to HQ AFSPC/DOTT, 150 Vandenberg St., Suite 1105, Peterson AFB CO 80914-4240.

HOWARD J. MITCELL, Maj Gen, USAF
Director of Operations

Attachment 1

MISSILE WARNING MISSION AREA

A1.1. The Missile Warning mission area includes the master JPR matrix, five system JPRLs with associated TEPS. The table below lists the title and table number for easy reference.

Table A1.1. Missile Warning Mission Area Matrix.

Description	Table	Para
Missile Warning JPR	A1.2.	
Phased Array JPRL	A1.3.	
Level A TEPS		A1.2.
Level B Task Constraints		A1.23.
Level C Task Constraints		A1.35.
PARCS JPRL	A1.25.	
Level A TEPS		A1.36.
Level B Task Constraints		A1.55.
Space-Based Sensor JPRL	A1.45.	
Level A TEPS		A1.64.
Level B Task Constraints		A1.86.
Level C Task Constraints		A1.96.
SBIRS JPRL	A1.68.	
Level A TEPS		A1.97.

Table A1.2. Missile Warning JPR (6/7/12/13/10 SWS, CGS, TGS, MGS, SBIRS).

A	T	S	DESCRIPTION	LVL	6	7	12	13	10	C	T	M	S
			MISSION SUPPORT OPERATIONS										
A	01		Perform Crew Actions										
		A	Perform Crew Changeover/ Shift Actions	C	x	x	x	x	x	x	x	x	x
		B	Manage Technical Order	C	x	x	x	x					
		C	Log Operations Activities	C	x	x	x	x	x	x	x	x	x
A	02		Operate Mission Equipment										
		A	Use Operational/Mission Consoles	C	x	x	x	x	x	x	x	x	x
		B	Use Voice Communications Equipment	C	x	x	x	x	x	x	x	x	x
		C	Use Printer/Peripheral Equipment	C	x	x	x	x	x	x	x	x	x
		D	Operate Interactive Electronic Technical Manual	C									x
A	03		Perform Contingency Procedures										
		A	Respond to Accident/Injury/Illness Notifications	A	x	x	x	x	x	x	x		x
		B	Respond to Severe Weather/ Natural Disaster Notifications	A	x	x	x	x	x	x	x		x
A	04		Perform/Demonstrate OPSEC Procedures	C	x	x	x	x	x	x	x	x	x
A	5-7		FUTURE EXPANSION										
A	08		Perform COMSEC Procedures										
		A	Perform COMSEC Inventory	C	x	x	x	x	x	x		x	x
		B	Destroy COMSEC Materials	C	x	x	x	x	x	x		x	x
		C	Use Authenticator	C	x	x	x	x	x	x		x	x
		D	Use Mission-Unique Materials	C	x	x	x	x	x	x		x	x

		A	Conduct Search/Perform Short Term Fence Procedures	B/C	x	x	x	x	x (C)				
		B	Request ESV Lookangle Table/Acquisition Points	C	x	x	x	x	x				
		C	Edit Spacetrack/Calibration Task	C	x	x	x	x	x				
		D	Edit Mission Plan Task	C	x	x		x					
		E	Edit/Delete OES	C	x	x	x	x	x				
		F	Edit Releasable Message	B	x	x		x					
		G	Update Epoch Time/Right Ascension	B	x	x	x	x	x				
		H	Perform Manual TOES Computation	C	x	x	x	x					
C	04		Perform Spacetrack Procedures										
		A	Perform Normal Spacetrack Actions	A	x	x	x	x	x				
		B	Submit Miss Report	C	x	x	x	x	x				
		C	Submit New OES Report	B	x	x		x					
C	05		Perform New Foreign Launch Procedure										
		A	Perform Anchor Alert Actions	A	x	x	x	x	x				
		B	Perform Folder Alert Actions	A	x	x	x	x	x				
		C	Perform ASAT Actions	A	x	x	x	x	x				
		D	Perform ANALSAT Actions	A	x	x	x	x	x				
		E	NOT USED										
C	06		Perform Pre-Planned Launch Procedure										
		A	Perform Actions for Launch In Site Coverage	B	x	x		x					
		B	Perform Actions for PPL Requiring EODET	B	x	x	x	x	x				

		C	Perform Actions for PPL Not Requiring EODET	C	x	x	x	x	x				
C	07		Perform SOI Procedures										
		A	Perform SOI Procedures	C/B	x	x		x	x				
		B	NOT USED	B									
C	08		Perform Calibration Procedure	C	x	x		x					
C	09		Enter Hardcopy Request	C	x	x	x	x					
C	10		Perform Spacetrack Catalog Management										
		A	Perform Element Set Inventory Procedures	C	x	x	x	x	x				
		B	Process Tasking Summary Message/Tasking Update	C	x	x	x	x	x				
		C	Process OES Update	C	x	x	x	x					
		D	Process Ionospheric Correction Table Update	C	x	x		x					
C	11		Perform Radar Control Functions										
		A	Change Spacetrack Catalog Reliability	A	x	x	x	x					
		B	Change LRID Row Recording Status	C	x	x		x					
		C	Turn LRID On/Off	C	x	x		x					
		D	Perform Frequency Control Actions	B	x	x		x					
		E	Perform Blanking Area Control Actions	B	x	x		x					
		F	Perform Automatic Sidelobe Blanking Control Actions	C	x	x		x					
		G	Perform Sidelobe Canceller Control Actions	B	x	x		x					
		H	Input Spacetrack Radar Duty Cycle	C	x	x		x					

		I	Edit Long/Short Range Fence (Surveillance Fence)	C	x	x		x				
		J	Control REM Tasks	C	x	x		x				
		K	Perform Radar Restriction Procedures	B					x			
		L	Perform Sun/Moon in Coverage	B								
		M	Perform Tracker Deployment	A								
			MISSION PROCEDURES (SPACE BASED)									
D	01		Perform Site Reporting Procedures									
		A	Perform Valid Site Report Actions	A					x		x	x
		B	Perform Anomalous Site Report Actions	A					x	x	x	x
		C	Perform MWC-Implemented Site Report Actions	A					x		x	x
		D	Perform Voicetell	A					x		x	x
		E	Perform Theater Voice Net Actions	A						x		x
D	02		Perform Launch Procedures									
		A	Process Launch Activity	A					x	x	x	x
		B	Perform LTR Actions	B					x		x	x
		C	Perform Auto Release Actions	B					x		x	x
		D	Perform Manual Clear	B							x	
		E-F	NOT USED									
D	03		Perform NUDET Procedures									
		A	Perform Mass NUDET Actions	B					x		x	x

		A	Process Tactical Intelligence Information								X		
		B	Process Mission Event Information								X		
		C	Process Electronic Emitter Information								X		
		D	Perform Supplemental Data Retrieval								X		
D	08		Perform Satellite Commanding										
		A	Perform Ranging	B							X		
		B	Perform CPS Commanding	B							X		
		C	Perform Standalone Commanding	B							X		
		D-E	NOT USED										
		F	Review Command Plans	B									X
		G	Configure Commanding System	B									X
		H	Transmit Commands	B									X
		I	Build/Modify/Delete Command Sequence										X
		J	Respond to Commanding NOGO	B									X
		K	Perform Command Functional Verification	B									X
		L	Perform Two-Person Command Verification	B									X
		M	Transfer Satellite Connection/Command Control	C									X
		N	Establish/Terminate Satellite Connection	C									X
D	09		Perform Satellite Telemetry Monitoring	B							X		

		E	NOT USED					
A	09		Perform Operational Reporting					
		A	Determine/Report OPREP-3 Incidents		B	3c	3c	
		B	NOT USED					
		C	Submit SITREP		C	3c	3c	
		D	NOT USED					
		E	Perform White Pinnacle Actions		A	3c	3c	
		F	Identify OPSCAP Requirements			C	C	B
		G	NOT USED					
		H	DELETED					
A	10		Perform Data Communications Actions					
		A	Change Data Line Status		B	3c	3c	3c
		B	Input Message	12	C	3c ^T	3c ^T	3c ^T
		C	Change Test Message Routing		C	3c ^T	3c ^T	3c ^T
A	11		Perform Test Control Procedures		B	3c	3c	3c
A	12-16		NOT USED					
			STATUS MONITORING					
B	01		Perform EMI Procedures					
		A	Perform EMI Procedures		A	3c	3c	3c
		B	Submit EMI Report		C	3c	3c	
B	02		Perform Communications Failure Procedures					
		A	Respond to Voice Communication Failure		B	3c	3c	3c
		B	Respond to Dataline Communication Failure		B	3c	3c	3c
		C	Respond to AUTODIN Failure		B	3c	3c	3c
		D	NOT USED					
B	03		Perform Fault Anomaly Resolution Procedures					
		A	Respond to Console/Ground Station Malfunctions		B	3c	3c	3c

		B	Respond to Miscellaneous Printer Malfunctions		B	3c	3c	3c
		C	Respond to Miscellaneous System Faults		B	3c	3c	3c
		D	Respond to Fault Related Queued Alerts/Forced Messages		B	3c	3c	3c
		E	Perform Fire Alarm System Procedures	12, 13	B	3c	3c	3c
		F-K	NOT USED					
B	4-5		FUTURE EXPANSION					
B	06		Perform Preventive Maintenance		B	3c	3c	3c
B	07		Perform Command and Control Change Actions					
		A	Perform SCC Level Change Actions		B	3c	3c	3c
		B	Perform MWC C2 Actions		B	3c	3c	3c
B	08		Perform Power Transfer Procedure	13	A	3c	3c	C
B	09		Perform Communications Sustainment Actions					
		A	Perform AUTODIN Procedure		B	3c	3c	3c
		B	Perform Retransmission Procedure	12	B	3c	3c	3c
B	10		Perform Severe Clutter Procedures	12	A	3c	3c	3c
			MISSION PROCEDURES (GROUND BASED)					
C	01		Perform Site Reporting Procedure					
		A	Perform Valid Site Report Actions		A	3c	3c	C
		B	Perform Anomalous Site Report Actions		A	3c	3c	C
		C	Perform Under Investigation Site Report Actions	12	A	3c ¹	3c ¹	C ¹
		D	Perform MWC-Initiated Site Report Actions		A	3c	3c	C
		E	Perform Voicetell		B	3c	3c	3c
		F	Perform Pre-emptive Site Reporting actions	6/7/13	B	3c	3c	C
C	02		Perform Database Management Procedure					
		A	Perform Current-to-Backup		C	3c	3c	3c
		B	Perform PTP Swap Actions	12	B	3c	3c	3c
C	03		Perform Space Surveillance Procedures					
		A	Conduct Search/Perform Short Term Fence Procedures		B	3c	3c	3c

		B	Request ESV Lookangle Table/Acquisition Points		C	3c	3c	3c
		C	Edit Spacetrack/Calibration Task		C	3c	3c	3c
		D	Edit Mission Plan Task	12	C	3c	3c	3c
		E	Edit/Delete OES		C	3c	3c	3c
		F	Edit Releasable Message	12	B	3c	3c	3c
		G	Update Epoch Time/Right Ascension		B	3c	3c	3c
		H	Perform Manual TOES Computation		C	3c	3c	3c
C	04		Perform Spacetrack Procedures					
		A	Perform Normal Spacetrack Actions		A	3c	3c	3c
		B	Submit Miss Report		C	3c	3c	
		C	Submit New OES Report	12	B	3c	3c	
C	05		Perform New Foreign Launch Procedure					
		A	Perform Anchor Actions		A	3c	3c	3c
		B	Perform Folder Alert Actions		A	3c	3c	3c
		C	Perform ASAT Actions		A	3c	3c	3c
		D	Perform ANALSAT Actions		A	3c	3c	3c
		E	NOT USED					
C	06		Perform Pre-planned Launch Procedure					
		A	Perform Actions for Launch in Site Coverage	12	B	3c	3c	3c
		B	Perform Actions for PPL Requiring EODET		B	3c	3c	3c
		C	Perform Actions for PPL Not Requiring EODET		C	3c	3c	3c
C	07		Perform SOI Procedures	12				
		A	Perform SOI Procedures		C	3c	3c	3c
		B	NOT USED					
C	08		Perform Calibration Procedure	12	C	3c	3c	3c
C	09		Enter Hardcopy Request		C	3c ^T	3c ^T	3c ^T
C	10		Perform Spacetrack Catalog Management					
		A	Perform Element Set Inventory Procedures		C	3c	3c	3c

		B	Process Tasking Summary Message/Tasking Update		C	3c	3c	3c
		C	Process OES Update		C	3c	3c	3c
		D	Process Ionospheric Correction Table Update	12	C	3c ^T	3c ^T	3c ^T
C	11		Perform Radar Control Functions					
		A	Change Spacetrack Catalog Reliability		A	3c	3c	3c
		B	Change LRID Row Recording Status		C	3c ¹	3c ¹	C ¹
		C	Turn LRID On/Off		C	3c ¹	3c ¹	C ¹
		D	Perform Frequency Control Actions	12	B	3c	3c	C
		E	Perform Blanking Area Control Actions	12	B	3c	3c	C
		F	Perform Automatic Sidelobe Blanking Control Actions		C	3c ¹	3c ¹	C ¹
		G	Perform Sidelobe Canceller Control Actions	12	B	3c ^T	3c ^T	3c ^T
		H	Input Spacetrack Radar Duty Cycle	12	C	3c ^T	3c ^T	3c ^T
		I	Edit Long/Short Range Fence (Surveillance Fence)		C	3c ¹	3c ¹	C ¹
		J	Control REM Tasks		C	3c ¹	3c ¹	C ¹
		K-M	NOT USED					
			MISSION PROCEDURES (SPACE-BASED)					
D			NOT USED					
			EMERGENCY PROCEDURES					
E	01		Perform Fire/Overheat Procedures		A	3c	3c	3c
E	02		Perform Security Procedures					
		A	Respond to Physical Security Violations		A	3c	3c	3c
		B	Respond to Bomb Threat		A	3c	3c	3c
		C	Perform FPCON Change Actions		B	3c	3c	3c
		D	DELETED					
		E	NOT USED					
		F	Respond to Information Operations Directives		C	3c	3c	3c

E	03		Perform Total Evacuation Procedures		A	3c	3c	3c
E	04		Perform Emergency Fault Procedures					
		A	Perform Emergency Fault Procedures		A	3c	3c	3c
		B-C	NOT USED					
E	5-6		NOT USED					
			LERTCON PROCEDURES					
F	01		Perform LERTCON Actions					
		A	Respond to SEAM		B	3c	3c	
		B	Perform LERTCON Actions		B	3c	3c	3c
		C	NOT USED					
¹ = C only (12 SWS)								

LEVEL A TEPS FOR PHASED ARRAY (6/7/12/13 (CRU) SWS)

A1.2. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):

Constraints:

1. Accidents and Life Threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart failure, etc.).
2. Incident must occur within the restricted area (6/7/13 SWS) or at J-Site (12 SWS).
3. For non-life threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A1.4. Respond to Accident/Injury/Illness.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, and request emergency assistance.	1.1. Within 10 minutes of receipt of indications.

A1.3. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):

Constraints:

1. Input must occur within crewmember’s scope of responsibility.
2. Type and severity of presented conditions must clearly be recognizable. (Earthquake, tornado/flood/hurricane warning, brush/forest fires, or storm conditions).
3. If not life threatening and/or equipment damaging, train/evaluate to Level B.

4. PA must be functional.
5. Civil Engineer, weather and emergency response agencies will act as a knowledgeable agency and respond appropriately.

Table A1.5. Respond to Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, notify site personnel, and make/request emergency notifications and assistance (as required).	1.1. Within 10 minutes of receipt of indications.

A1.4. PERFORM WHITE PINNACLE ACTIONS (A09E):

Constraint: Voice communication must be available.

Table A1.6. Perform White Pinnacle Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass White Pinnacle Report to applicable agency.	*1.1. Within the time standard IAW HHQ directives.

A1.5. PERFORM EMI PROCEDURES (B01A):**Constraints:**

1. If required voice comm is not available, train/evaluate to Level B.
2. If EMI does not cause OPSCAP Red/Yellow, train/evaluate to Level B.
3. Sun/moon correlation applies only to the 12 SWS.
4. For final OPSCAPs, train/evaluate to Level B.
5. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.7. Perform EMI Procedures.

PERFORMANCE	STANDARD
1. Determine OPSCAP, sun/moon correlation, and direct data lines to be grounded, as required.	1.1. Within 2 minutes of initial indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of initial indications.

A1.6. PERFORM POWER TRANSFER PROCEDURE (B08):**Constraints:**

1. For any condition which does not threaten mission accomplishment, train/evaluate to Level B.

2. Problem presentation must clearly show status of power failure, current power source is unstable, threatening condition to power source (i.e. bomb threat/bomb found at the power source), or weather conditions which could cause power loss.
3. If presentation requires this task with A03B or E02B to trained/evaluated to a Level A standard, time concurrently.
4. For complete loss of power, train/evaluate to Level B.
5. In performance 1.2, bomb threat/found at base/site power source does not apply to 6/7 SWS.

Table A1.8. Perform Power Transfer Procedure.

PERFORMANCE	STANDARD
1. Direct power transfer to alternate power source. 1.1. For unstable power. 1.2. For severe weather/natural disaster condition, bomb threat/found at commercial/base/site power source.	1.1.1. Within 60 seconds of notification. 1.2.1. Within 5 minutes of notification

A1.7. PERFORM SEVERE CLUTTER PROCEDURES (B10):

Constraints:

1. Problem presentation must clearly show ducted/aurora clutter near the array face(s).
2. Tactical target #s will be briefed/presented periodically and as requested by the trainee/evaluatee, assuming they are in a position to receive such status.
3. Communication OPSCAPs when associated with severe clutter will be trained/evaluated to Level B.

Table A1.9. Perform Severe Clutter Procedures.

PERFORMANCE	STANDARD
1. Direct MW data lines to be grounded.	1.1. Within 60 seconds of entering HIGH TRAFFIC STATE due to severe clutter. 1.2. Within 60 seconds of no L&PIs visible on the TACT SIT and “ceasetell” is received.

A1.8. PERFORM VALID SITE REPORT ACTIONS (C01A):

Constraints:

1. Performance 2 does not apply to 12SWS.

2. If voice comm is not available, train/evaluate performance 1 to Level B.
3. When voicetell is required (C01E), train/evaluate to Level B.

Table A1.10. Perform Valid Site Report Actions.

PERFORMANCE	STANDARD
1. Pass site report to MWC.	*1.1. Within 60 seconds of valid L&PI generation.
2. Lightpen site report.	*2.1. Within 60 seconds of L&PI generation when voice communication is unavailable with the MWC and datalines are available.

A1.9. PERFORM ANOMALOUS SITE REPORT ACTIONS (C01B):**Constraints:**

1. Performance 2 does not apply to 12SWS.
2. If voice comm is not available, train/evaluate performance 1 to Level B.
3. When voicetell (C01E) is required, train/evaluate performance 1 to Level B.
4. Anomalous status will be clearly recognizable during evaluation phase/step of the event.
5. For final OPSCAPs, train/evaluate to Level B.
6. For space surveillance OPSCAP reports, train/evaluate to Level B.
7. Directing corrective maintenance in Performance 4 does not apply to Site Reports associated with Bent Track.

Table A1.11. Perform Anomalous Site Report Actions.

PERFORMANCE	STANDARD
1. Pass site report to MWC.	*1.1. Within 60 seconds of anomalous L&PI generation.
2. Lightpen site report.	*2.1. Within 60 seconds of L&PI generation when voice communication is unavailable with the MWC and datalines are available.
3. Direct all data lines to be grounded.	<p>3.1. Within 30 seconds of passing anomalous site report or lightpenning an anomalous site report (when voice comm is not available).</p> <p>3.2. Within 60 seconds of receiving anomalous status presentation, when voicetell is required.</p>
4. Direct corrective maintenance and initiate contact with MW C2 agency to report OPSCAP outage.	<p>4.1. Within 2 minutes of directing data lines be grounded, when voicetell is not required.</p> <p>4.2. Within 2 minutes of ceasetell or completion of voicetell.</p>

A1.10. PERFORM UNDER INVESTIGATION SITE REPORT ACTIONS (C01C):**Constraints:**

1. If voice comm is not available, train/evaluate performance 1 to Level B.
2. When voicetell (C01E) is required, train/evaluate performance 1 to Level B.
3. Must clearly be associated with clutter or an Unavailable Spacetrack Catalog condition.
4. If associated with ducted/aurora clutter, problem presentation will clearly show an L&PI "object" within the affected clutter area.
5. For space surveillance and communication OPSCAP reports, train/evaluate to Level B.

Table A1.12. Perform Under Investigation Site Report Actions.

PERFORMANCE	STANDARD
1. Pass site report to MWC.	*1.1. Within 60 seconds of Under Investigation L&PI generation.
2. Lightpen site report.	*2.1. Within 60 seconds of L&PI generation when voice communication is unavailable with the MWC and datalines are available.
3. Direct required data lines to be grounded.	3.1. Within 60 seconds of no L&PIs visible on the TACT SIT and “ceasetell” is received, when associated with an Under Investigation site report due to Spacetrack Catalog Unavailable.

A1.11. PERFORM MWC-INITIATED SITE REPORT ACTIONS (C01D):

Constraint: If L&PI generation is associated with this task, train/evaluate to Level B.

Table A1.13. Perform MWC-Initiated Site Report Actions.

PERFORMANCE	STANDARD
1. Respond to MWC initiated site reporting.	*1.1. Within 60 seconds of MWC directing site reporting.

A1.12. PERFORM NORMAL SPACETRACK ACTIONS (C04A):**Constraints:**

1. If voice comm is not available, train/evaluate to Level B.
2. Object must be a category 1 or 2 tasking and “POS/NEG” reportable.
3. For possible breakups not related to “POS/NEG” objects, train/evaluate to Level B.

Table A1.14. Perform Normal Spacetrack Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within 5 minutes of track termination.

A1.13. PERFORM ANCHOR ALERT ACTIONS (C05A):**Constraints:**

1. Anchor Alerts will be presented no less than 5 minutes prior to object entry into field of view.
2. If voice comm is not available, train/evaluate to Level B.

Table A1.15. Perform Anchor Alert Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within time standard IAW HHQ Directives

A1.14. PERFORM FOLDER ALERT ACTIONS (C05B):

Constraint: If voice comm is not available, train/evaluate to Level B.

Table A1.16. Perform Folder Alert Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within time standard IAW HHQ Directives

A1.15. PERFORM ASAT ACTIONS (C05C):

Constraint: If voice comm is not available, train/evaluate to Level B.

Table A1.17. Perform ASAT Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within time standard IAW HHQ Directives

A1.16. PERFORM ANALSAT ACTIONS (C05D):

Constraint: If voice comm is not available, train/evaluate to Level B.

Table A1.18. Perform ANALSAT Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within time standard IAW HHQ Directives

A1.17. CHANGE SPACETRACK CATALOG RELIABILITY (C11A):

Constraint: None.

Table A1.19. Change Spacetrack Catalog Reliability.

PERFORMANCE	STANDARD
1. Ensure/change catalog reliability to manual reliable/reliable override.	1.1. Within 60 seconds of track initiation on the fifth UCT/SIG UCT associated with a no-notice breakup.

A1.18. RESPOND TO FIRE/OVERHEAT INDICATIONS (E01):**Constraints:**

1. Uncontrollable fires and fires that endanger human life must clearly be recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.)
2. Fire indications must occur within the restricted area (6/7/13 SWS) or at J-site (12 SWS).
3. Problem presentation must clearly identify the location of fire/overheat condition.
4. Evaluator/instructor must provide status that the crewmember's senses would detect but cannot be simulated.
5. Response agency will act as a knowledgeable agency and respond appropriately.
6. Required communications must be available.
7. Performance 4 applies only to those events causing OPSCAP Red/Yellow.
8. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.20. Respond to Fire/Overheat Indications.

PERFORMANCE	STANDARD
1. Obtain information, notify primary fire agency, request assistance, direct appropriate evacuation and brief location.	1.1. Within 10 minutes of initial indications.
2. Direct/electrically isolate affected equipment.	2.1. Within 2 minutes status presentation.
3. Simulate application of fire extinguisher.	3.1. Within 2 minutes of last isolation action or receipt of indications if no isolation action required.
4. Direct corrective maintenance and initiate contact with MW C2 agency to report OPSCAP outage.	4.1. Within 2 minutes of last isolation action. 4.2. Within 2 minutes of simulated application of fire extinguisher.

A1.19. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):**Constraints:**

1. Physical Security violations must clearly be recognizable.

2. Physical security incident must occur within the restricted area.
3. Security forces will act as a knowledgeable agency and respond appropriately and declare a HH/CW as appropriate.
4. Required communications must be available.

Table A1.21. Respond to Physical Security Violations.

PERFORMANCE	STANDARD
1. Notify primary security agency and make a PA announcement (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A1.20. RESPOND TO BOMB THREAT (E02B):**Constraints:**

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present a bomb threat against non-mission essential operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A1.22. Respond to Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement and site notifications to search and secure work areas.	1.1. Within 10 minutes of time indications are received.

A1.21. PERFORM TOTAL EVACUATION PROCEDURES (E03):**Constraints:**

1. Situations requiring facility evacuation must clearly be recognizable (uncontrollable fire, bomb found/exploded, severe structural damage, toxic fumes present).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communication must be available.
4. For final OPSCAPs, train/evaluate to Level B.
5. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.23. Perform Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation, make/direct PA announcement and site notifications, and evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of entering alternate location.

A1.22. PERFORM EMERGENCY FAULT PROCEDURES (E04A):

Constraints:

1. Train/Evaluate only faults causing OPSCAP Red/Yellow.
2. If primary communications is not available with CMOC/MMCO, train/evaluate to Level B.
3. For final OPSCAPs, train/evaluate to Level B.
4. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.24. Perform Emergency Fault Procedures.

PERFORMANCE	STANDARD
1. Determine OPSCAP, direct CMOC/MMCO to ground all data lines, and direct corrective maintenance, as required.	1.1. Within 2 minutes of initial indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of initial indications.

LEVEL B TASK CONSTRAINTS FOR PHASED ARRAY (6/7/12/13 (CRU) SWS)

A1.23. PERFORM TEST CONTROL PROCEDURES (A11):

Constraints:

1. Cat A/B testing will not be presented.
2. Two crewmembers will be available for all two-person verification steps.

=====

A1.24. RESPOND TO VOICE COMMUNICATION FAILURE (B02A):

Constraints:

1. If voice contact is not available with required maintenance personnel, train/evaluate to Level C.
 2. If presentation does not drive OPSCAP Red/Yellow, train/evaluate to Level C.
- =====

A1.25. Respond to Dataline Communication Failure (B02B):

Constraints:

- 1. If voice contact is not available with required maintenance personnel, train/evaluate to Level C.
- 2. If presentation does not drive OPSCAP Red/Yellow, train/evaluate to Level C.

=====

A1.26. RESPOND TO AUTODIN FAILURE (B02C):

Constraints:

- 1. Communication center/MMCO will notify the operations crew of a transmit and receive AUTODIN failure or restoral in the comm center.
- 2. CMOC/MMCO will notify the operations crew of an AUTODIN program failure/restoral in the CMOC.

=====

A1.27. PERFORM PREVENTIVE MAINTENANCE (B06):

Constraint: Two crewmembers will be available for all two-person verification steps.

=====

A1.28. PERFORM AUTODIN PROCEDURE (B09A):

Constraints:

- 1. AUTODIN capability (in CMOC) must be available.
- 2. If transmit and receive AUTODIN is down, train/evaluate to Level C.

=====

A1.29. PERFORM RETRANSMISSION PROCEDURE (B09B):

Constraint: Space data lines must be operational

=====

A1.30. PERFORM VOICETELL (C01E):

Constraint: No unrelated status will be interjected during voicetell (except requirement to ground data lines when associated with C01B).

=====

A1.31. CONDUCT SEARCH/PERFORM SHORT TERM FENCE PROCEDURES (C03A):

Constraint: Object must be a category 1 or 2 tasking and "POS/NEG" reportable.

=====

A1.32. UPDATE EPOCH TIME/RIGHT ASCENSION (C03G):

Constraints:

1. Present liftoff status no later than 30 minutes prior to pass time for any PPL.
2. Present liftoff status no later than 30 minutes prior to pass time for any NFL.
3. Manual calculation is “train only.”

=====

A1.33. PERFORM ACTIONS FOR LAUNCH IN SITE COVERAGE (C06A):

Constraint: Only hold, delay, or postponement status will be presented within 5 minutes of a scheduled launch in coverage.

=====

A1.34. PERFORM ACTIONS FOR PPL REQUIRING EODET (C06B):

Constraints:

1. MWOC printer will be available for passing TEARR data points.
 2. If asked, EODET loop will repeat TEARR data points.
- =====

LEVEL C TASK CONSTRAINTS FOR PHASED ARRAY (6/7/12/13 (CRU) SWS)

A1.35. PERFORM MANUAL TOES COMPUTATION (C03H)

Constraint: Train/evaluate for one object only.

Table A1.25. PARCS JPRL (10 SWS).

				MR SKILL LEVELS		
A	T	S	DESCRIPTION	L	C	C
R	A	U		E	M	C
E	S	B		V	D	H
A	K	T		E	R	
		A		L		
		S				
		K				
			MISSION SUPPORT OPERATIONS			
A	01		Perform Crew Actions			
		A	Perform Crew Changeover/Shift Actions	C	3c	3c
		B	NOT USED			
		C	Log Operational Activities	C	3c	3c
A	02		Operate Mission Equipment			
		A	Use Operational/Mission Consoles	C	3c	3c
		B	Use Voice Communications Equipment	C	3c	3c
		C	Use Printer/Peripheral Equipment	C	3c	3c
		D	NOT USED			
A	03		Perform Contingency Procedures			
		A	Perform Accident/Injury/Illness Notifications	A	3c	3c
		B	Respond to Severe Weather/Natural Disaster Notifications	A	3c	3c
A	04		Perform/Demonstrate OPSEC Procedures	C	3c	3c
A	5-7		FUTURE EXPANSION			
A	08		Perform COMSEC			
		A	Perform COMSEC Inventory	C	3c	3c
		B	Destroy COMSEC Materials	C	3c ^T	3c ^T
		C	Use Authenticator	C	3c	3c
		D	Use Mission Unique Materials	C	3c	3c

		E	NOT USED			
A	09		Perform Operational Reporting			
		A	Determine/Report OPREP-3 Incidents	B	3c	3c
		B	NOT USED			
		C	Submit SITREP	C	3c	3c
		D	NOT USED			
		E	Perform White Pinnacle Actions	A	3c	3c
		F	Identify OPSCAP Requirements		C	C
		G-H	NOT USED			
A	10		NOT USED			
A	11		Perform Test Control Procedures	B	3c	3c
A	12-16		NOT USED			
			STATUS MONITORING			
B	01		Perform EMI Procedures			
		A	Perform EMI Procedures	A	3c	3c
		B	Submit EMI Report	C	3c	3c
B	02		Perform Communications Failure Procedures			
		A	Respond to Voice Communication Failure	B	3c	3c
		B	Respond to Dataline Communication Failure	B	3c	3c
		C	Respond to AUTODIN Failure	B	3c	3c
		D	NOT USED			
B	03		Perform Fault Anomaly Resolution Procedures			
		A	Respond to Console/Ground Station Malfunctions	B	3c	3c
		B	Respond to Miscellaneous Printer Malfunctions	C	3c	3c
		C	Respond to Miscellaneous System Faults	B	3c	3c
		D	Respond to Fault Related Queued Alerts/Forced Messages	B	3c	3c
		E-K	NOT USED			

B	4-5		FUTURE EXPANSION			
B	06		Perform Preventive Maintenance	B	3c	3c
B	07		Perform Command and Control Change Actions			
		A	Perform SCC Level Change Actions	B	3c	3c
		B	Perform MWC C2 Actions	B	3c	3c
B	08		Perform Power Transfer Procedure	A	3c	3c
B	09		Perform Communications Sustainment Actions			
		A	Perform AUTODIN Procedure	B	3c	3c
		B	NOT USED			
B	10		NOT USED			
			MISSION PROCEDURES (GROUND BASED)			
C	01		Perform Site Reporting Procedure			
		A	Perform Valid Site Report Actions	A	3c	3c
		B	Perform Anomalous Site Report Actions	A	3c	3c
		C	Perform Under Investigation Site Report actions	A	3c	3c
		D	Perform MWC-Initiated Site Report Actions	A	3c	3c
		E	Perform Voicetell	B	3c	3c
		F	Perform Pre-emptive Site Reporting actions	B	3c	3c
C	02		NOT USED			
C	03		Perform Space Surveillance Procedures			
		A	Conduct Search/Perform Short Term Fence Procedures	C	3c	3c
		B	Request ESV Lookangle Table/Acquisition Points	C	3c	3c
		C	Edit Spacetrack/Calibration Task	C	3c	3c
		D	NOT USED			
		E	Edit/Delete OES	C	3c	3c
		F	NOT USED			
		G	Update Epoch Time/Right Ascension	B	3c	3c
		H	NOT USED			

C	04		Perform Spacetrack Procedures			
		A	Perform Normal Spacetrack Actions	A	3c	3c
		B	Submit Miss Report	C	3c	3c
		C	NOT USED			
C	05		Perform New Foreign Launch Procedure			
		A	Perform Anchor Actions	A	3c	3c
		B	Perform Folder Alert Actions	A	3c	3c
		C	Perform ASAT Actions	A	3c	3c
		D	Perform ANALSAT Actions	A	3c	3c
		E	NOT USED			
C	06		Perform Pre-planned Launch Procedure			
		A	NOT USED			
		B	Perform Actions for PPL Requiring EODET	B	3c	3c
		C	Perform Actions for PPL Not Requiring EODET	C	3c	3c
C	07		Perform SOI Procedures			
		A	Perform SOI Procedures	C	3c	3c
		B	NOT USED			
C	8-9		NOT USED			
C	10		Perform Spacetrack Catalog Management			
		A	Perform Element Set Inventory Procedures	C	3c	3c
		B	Process Tasking Summary Message/Tasking Update	C	3c	3c
		C-D	NOT USED			
C	11		Perform Radar Control Functions			
		A-J	NOT USED			
		K	Perform Radar Restriction Procedures	B	3c	3c
		L-M	NOT USED			
			MISSION PROCEDURES (SPACE BASED)			
D			NOT USED			

		EMERGENCY PROCEDURES				
E	01		Perform Fire/Overheat Procedures	A	3c	3c
E	02		Perform Security Procedures			
		A	Respond to Physical Security Violations	A	3c	3c
		B	Respond to Bomb Threat	A	3c	3c
		C	Perform FPCON Change Actions	B	3c	3c
		D	DELETED			
		E	NOT USED			
		F	Respond to Information Operations Directives	C	3c	3c
E	03		Perform Total Evacuation Procedures	A	3c	3c
E	04		Perform Emergency Fault Procedures			
		A	Perform Emergency Fault Procedures	A	3c	3c
		B	NOT USED			
E	5-6		NOT USED			
			LERTCON PROCEDURES			
F	01		Perform LERTCON Actions			
		A	Respond to SEAM	B	3c	3c
		B	Perform LERTCON Actions	B	3c	3c
		C	DELETED			

LEVEL A TEPS FOR PARCS (10 SWS)

A1.36. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):

Constraints:

1. Accidents and Life Threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart failure, etc.).
2. Incident must occur within the crew's area of responsibility.
3. For non-life threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A1.26. Respond to Accident/Injury/Illness.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, and request emergency assistance.	1.1. Within 10 minutes of receipt of indications.

A1.37. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):

Constraints:

1. Input must occur within crewmember’s scope of responsibility.
2. Type and severity of presented conditions must clearly be recognizable. (Tornado warning, weather/point warning, severe weather condition present)
3. If not life threatening and/or equipment damaging, train/evaluate to Level B.
4. PA must be functional.
5. Civil Engineer, weather and emergency response agencies will act as a knowledgeable agency and respond appropriately.

Table A1.27. Respond to Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, notify site personnel, and make/request emergency notifications and assistance (as required).	1.1. Within 10 minutes of receipt of indications.

A1.38. PERFORM WHITE PINNACLE ACTIONS (A09E):

Constraint: Voice communication must be available.

Table A1.28. Perform White Pinnacle Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass White Pinnacle Report to applicable agency.	*1.1. Within the time standard IAW HHQ directives.

A1.39. PERFORM EMI PROCEDURES (B01A):

Constraints:

1. If required voice comm is not available, train/evaluate to Level B.
2. For final OPSCAPs, train/evaluate to Level B.
3. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.29. Perform EMI Procedures.

PERFORMANCE	STANDARD
1. Determine OPSCAP, inhibit data lines, and direct corrective maintenance/ECCM in the MWOC, as required.	1.1. Within 2 minutes of initial indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of initial indications.

A1.40. PERFORM POWER TRANSFER PROCEDURE (B08):**Constraints:**

1. For any condition which does not threaten mission accomplishment, train/evaluate to Level B.
2. Problem presentation must clearly show status of power failure, current power source is unstable, threatening condition to power source (i.e. bomb threat/bomb found at the power source), or weather conditions which could cause power loss.
3. If presentation requires this task and A03B or E02B to be trained/evaluated to a Level A standard, time concurrently.

Table A1.30. Perform Power Transfer Procedure.

PERFORMANCE	STANDARD
1. Direct Transfer to alternate power source.	1.1. Within 60 seconds of notification.
1.1 For unstable power.	1.2. Within 5 minutes of notification.
1.2 For severe weather/natural disaster condition, bomb threat/bomb found at commercial power source.	

A1.41. PERFORM VALID SITE REPORT ACTIONS (C01A):**Constraints:**

1. If voice comm is not available, train/evaluate performance 1 to Level B.
2. If voicetell is required, train/evaluate "pass site report" to Level B.
3. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.31. Perform Valid Site Report Actions.

PERFORMANCE	STANDARD
1. Pass site report to MWC.	*1.1. Within 60 seconds of valid L&PI generation.

A1.42. PERFORM ANOMALOUS SITE REPORT ACTIONS (C01B):**Constraints:**

1. If voice comm is not available, train/evaluate to Level B.
2. If voicetell is required, train/evaluate to Level B (Performance #1 only).
3. For final OPSCAPs, train/evaluate to Level B.
4. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.32. Perform Anomalous Site Report Actions.

PERFORMANCE	STANDARD
1. Pass site report to MWC.	*1.1. Within 60 seconds of anomalous L&PI generation.
2. Inhibit data lines.	2.1. Within 30 seconds of passing an anomalous site report. 2.2. Within 60 seconds of receiving anomalous status when voicetell is required.
3. Direct corrective maintenance and initiate contact with MW C2 agency to report OPSCAP outage.	3.1. Within 2 minutes of threat “not detected.”

A1.43. PERFORM UNDER INVESTIGATION SITE REPORT ACTIONS (C01C):**Constraints:**

1. If voice comm is not available, train/evaluate to Level B.
2. If voicetell is required, train/evaluate to Level B.
3. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.33. Perform Under Investigation Site Report Actions.

PERFORMANCE	STANDARD
1. Pass site report to MWC.	*1.1. Within 60 seconds of Under Investigation L&PI generation.

A1.44. PERFORM MWC-INITIATED SITE REPORT ACTIONS (C01D):

Constraint: If L&PI generation is associated with this task, train/evaluate to Level B.

Table A1.34. Perform MWC-Initiated Site Report Actions.

PERFORMANCE	STANDARD
1. Respond to MWC initiated site reporting.	*1.1. Within 60 seconds of MWC directing site reporting.

A1.45. PERFORM NORMAL SPACETRACK ACTIONS (C04A):

Constraints:

1. If voice comm is not available, train/evaluate to Level B.
2. Object must be a category 1 or 2 tasking and “POS/NEG” reportable.

Table A1.35. Perform Normal Spacetrack Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within 5 minutes of track termination.

A1.46. PERFORM ANCHOR ALERT ACTIONS (C05A):

Constraints:

1. Anchor Alerts will be presented no less than 5 minutes prior to object entry into field of view.
2. If voice comm is not available, train/evaluate to Level B.

Table A1.36. Perform Anchor Alert Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within time standard IAW HHQ Directives

A1.47. PERFORM FOLDER ALERT ACTIONS (C05B):

Constraints: If voice comm is not available, train/evaluate to Level B.

Table A1.37. Perform Folder Alert Actions:

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within time standard IAW HHQ Directives

A1.48. PERFORM ASAT ACTIONS (C05C):

Constraints: If voice comm is not available, train/evaluate to Level B.

Table A1.38. Perform ASAT Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within time standard IAW HHQ Directives

A1.49. PERFORM ANALSAT ACTIONS (C05D):

Constraint: If voice comm is not available, train/evaluate to Level B.

Table A1.39. Perform Analyst Elset Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to space C2 agency.	*1.1. Within time standard IAW HHQ Directives

A1.50. RESPOND TO FIRE/OVERHEAT INDICATIONS (E01):

Constraints:

1. Uncontrollable fires and fires that endanger human life must clearly be recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.)
2. Fire indication must occur within the restricted area.
3. Problem presentation must clearly identify the location of fire/overheat condition.
4. Evaluator/instructor must provide status that the crewmember's senses would detect but cannot be simulated.
5. Response agency will act as a knowledgeable agency and respond appropriately.
6. Required communications must be available.
7. Mutual Aid requests will be trained/evaluated to Level B.
8. Performance 4 applies only to those events causing OPSCAP Red/Yellow.
9. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.40. Respond to Fire/Overheat Indications.

PERFORMANCE	STANDARD
1. Obtain information, notify primary fire agency, request assistance, direct appropriate evacuation and brief location.	1.1. Within 10 minutes of initial indications of a controllable fire.
2. Direct/electrically isolate affected equipment.	2.1. Within 2 minutes from status presentation.
3. Direct/simulate application of fire extinguisher.	3.1. Within 2 minutes of last isolation action or receipt of indications if no isolation action required.
4. Direct corrective maintenance and initiate contact with MW C2 agency to report OPSCAP outage.	4.1. Within 2 minutes of last isolation action. 4.2. Within 2 minutes of simulated application of fire extinguisher.

A1.51. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):**Constraints:**

1. Physical Security violations must clearly be recognizable.
2. Physical Security violation must occur within the restricted area.
3. Security forces will act as a knowledgeable agency and respond appropriately and declare a HH/CW as appropriate.
4. Required communications must be available.

Table A1.41. Respond to Physical Security Violations.

PERFORMANCE	STANDARD
1. Notify primary security agency and make a PA announcement (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A1.52. RESPOND TO BOMB THREAT (E02B):**Constraints:**

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present a bomb threat against non-mission essential operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A1.42. Respond to Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement and site notifications to search and secure work areas.	1.1. Within 10 minutes of time indications are received.

A1.53. PERFORM TOTAL EVACUATION PROCEDURES (E03):**Constraints:**

1. Situations requiring facility evacuation must clearly be recognizable (uncontrollable fire, bomb found/exploded, severe structural damage, toxic fumes present).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communication must be available.
4. For final OPSCAPs, train/evaluate to Level B.
5. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.43. Perform Total Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation, make/direct PA announcement/site notifications, and evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of entering alternate location.

A1.54. PERFORM EMERGENCY FAULT PROCEDURES (E04A):**Constraints:**

1. Train/Evaluate only faults causing OPSCAP Red/Yellow.
2. If normal communications is not available with the RTD/DPMD, train/evaluate to Level B.
3. For final OPSCAPs, train/evaluate to Level B.
4. For space surveillance OPSCAP reports, train/evaluate to Level B.

Table A1.44. Perform Emergency Fault Procedures.

PERFORMANCE	STANDARD
1. Determine OSPCAP, inhibit data lines in the MWOC, and direct corrective maintenance, as required.	1.1. Within 2 minutes of initial indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of initial indications.

LEVEL B TASK CONSTRAINTS FOR PARCS (10 SWS)

A1.55. PERFORM TEST CONTROL PROCEDURES (A11):

Constraints:

1. Cat A/B testing will not be presented.
2. Two crewmembers will be available for all two-person verification steps.

A1.56. RESPOND TO VOICE COMMUNICATION FAILURE (B02A):

Constraints:

1. If voice contact is not available with required maintenance personnel, train/evaluate to Level C.
2. If presentation does not drive OPSCAP Red/Yellow, train/evaluate to Level C.

A1.57. RESPOND TO DATALINE COMMUNICATION FAILURE (B02B): Constraints:

1. If voice contact is not available with required maintenance personnel, train/evaluate to Level C.
2. If presentation does not drive OPSCAP Red/Yellow, train/evaluate to Level C.

A1.58. RESPOND TO AUTODIN FAILURE (B02C):

Constraint: Comm center will notify the operations crew of a transmit and receive AUTODIN failure or restoral in the comm center.

A1.59. PERFORM PREVENTIVE MAINTENANCE (B06):

Constraint: Two crewmembers will be available for all two-person verifications steps.

A1.60. PERFORM AUTODIN PROCEDURE (B09A):

Constraints:

1. Ability to store space observations must be available in DPMD.

- 2. If transmit AUTODIN is down, train/evaluate to Level C.

=====

A1.61. PERFORM VOICETELL (C01E):

Constraint: No unrelated status will be injected during voicetell (except requirement to ground data lines, when associated with C01B).

=====

A1.62. UPDATE EPOCH TIME/RIGHT ASCENSION (C03G):

Constraints:

- 1. Present liftoff status no later than 30 minutes prior to pass time for any PPL.
 - 2. Present liftoff status no later than 30 minutes prior to pass time for any NFL.
 - 3. Manual Calculation is train only.
- =====

A1.63. PERFORM ACTIONS FOR PPL REQUIRING EODET (C06B)

Constraints:

- 1. MWOC printer will be available for passing TEARR data points.
 - 2. If asked, simulated EODET loop will repeat TEARR data points
- =====

Table A1.45. Spaced-Based Sensor JPRL (CGS/TGS/MGS).

A	T	S	DESCRIPTION	UNITS	L	MR SKILL LEVELS				
						C	C	D	G	D
R	A	U		NOT	E	M	C	S	S	S
E	S	B		A	V	D	H	S	O	O
A	K	T		F	E	R				
		A		F	L					
		S		E						
		K		C						
				T						
				E						
				D						
			MISSION SUPPORT PROCEDURES							
A	01		Perform Crew Actions							
		A	Perform Crew Changeover/Shift Actions		C	3c	3c	3c	3c	3c
		B	DELETED							
		C	Log Operations Activities		C	3c	3c		3c	B
A	02		Operate Mission Equipment							
		A	Use Operational/Mission Consoles		C	3c	3c	3c	3c	3c
		B	Use Voice Communications Equipment		C	3c	3c		3c	3c
		C	Use Printer/Peripheral Equipment		C	3c	3c		3b	3c
		D	NOT USED							
A	03		Perform Contingency Procedures							
		A	Respond to Accident/Injury/Illness Notifications	M	A	3c	3c			3c
		B	Respond to Severe Wx/Natural Disaster Notification	M	A	3c	3c		3c	3c
A	04		Perform/Demonstrate OPSEC Procedures		C	3c	3c	3c	3c	3c

A	5-7		FUTURE EXPANSION							
A	08		Perform COMSEC Procedures							
		A	Perform COMSEC Inventory	T	C	3c ¹	3c ¹		3c ¹	
		B	Destroy COMSEC Materials	T	C	3c ¹	3c ¹			
		C	Use Authenticator	T	C	3c ¹	3c ¹			
		D	Use Mission-Unique Materials	T	C	3c	3c			
		E	NOT USED							
A	09		Perform Operational Reporting							
		A	Determine/Report OPREP-3 Incident	M	B	3c	3c			
		B	NOT USED							
		C	Submit SITREP	M	C	3c ^T	3c ^T			
		D	NOT USED							
		E	Perform White Pinnacle Actions	M	A	3c	3c			
		F	Identify OPSCAP Requirements			C	C		C	B
		G	Determine/Report Threat Area Coverage	T	B	3c	3c	3c		
		H	NOT USED							
A	10		Perform Data Communications Actions		C	3c	3c		3c	3c
		A-C	NOT USED							
A	11		Perform Test Control Procedures	M	B	3c	3c		3c	3c
A	12		NOT USED							
A	13		Perform Ground Station Configuration							
		A	Perform System Initialization	M	B	3c	3c	3c	3c	3c
		B	Perform System Configuration		B	3c	3c		3c	3c
		C	Perform System Termination	C/T	B	3c	3c			

		D	Perform Queue Management	T/M	B				3c	
		E	Perform Handover Actions	C/T	B	3c	3c			
		F-J	NOT USED							
A	14		Operate Spacecraft Simulator	T/M					3c ^T	
A	15-16		NOT USED							
			STATUS MONITORING							
B	01		Perform EMI Procedures							
		A	Perform EMI Procedures	T	A	3c	3c		3c	
		B	Submit EMI Report	T	C	3c	3c			
B	02		Perform Communications Failure Procedures							
		A	Respond to Voice Communication Failure		B	3c	3c		C	1b
		B	Respond to Dataline Communication Failure		B	3c	3c		3c	1b
		C	NOT USED							
		D	Respond to External Data Failure		A	3c	3c		3c	1b
B	03		Perform Fault/Anomaly Resolution Procedures							
		A	Respond to Console/Ground Station Malfunctions		A	3c	3c	3b	3c	3b
		B-E	NOT USED							
		F	Respond to Satellite Malfunctions	T/M	A	3b	3b		3b	
		G-I	NOT USED							
		J	Perform Non-routine AFSCN Scheduling	C/M	B	3c	3c			B
		K	NOT USED							
B	4-5		FUTURE EXPANSION							
B	6-10		NOT USED							
			MISSION PROCEDURES (GROUND BASED)							

C			NOT USED							
			MISSION PROCEDURES (SPACED BASED)							
D	01		Perform Site Reporting Procedures							
		A	Perform Valid Site Report Actions	T	A	3c	3c			
		B	Perform Anomalous Site Report Actions		A	3c	3c			C
		C	Perform MWC-Implemented Site Report Actions	T	A	3c	3c	3b		
		D	Perform Voicetell	T	A	3c	3c			
		E	Perform Theater Voice Net Actions	C/M	A	3c	3c			
D	02		Perform Launch Procedures							
		A	Process Launch Activity		A	3c	3c	3c		3c
		B	Perform LTR Actions	T	B	3c	3c	3c		3c
		C	Perform Auto Release Actions	T	B	3c	3c	C		
		D	Perform Manual Clear	C/T	B	3c	3c			
		E-F	NOT USED							
D	03		Perform NUDET Procedures							
		A	Perform Mass NUDET Actions	T	B	3c	3c			
		B	Perform ICADS Actions	T/M	A	3c	3c			
		C	Perform System 8 Actions	T	A	3c	3c	3c	C	
D	04		Perform Supplemental Event Procedures							
		A	Perform Slowwalker Actions	M	B	3c	3c	3c		3c
		B	Perform Fastwalker Actions	T/M	B	3c	3c	3c		
		C	Perform Hotwalker Actions	T/M	A	3c	3c	3c		
		D	DELETED							
		E	DELETED							
		F	Perform Shredout Actions	T/M	B	3c	3c	3c		

		G	Perform Static Point Actions	T/M	B	3c	3c	3c		
		H	Perform Special Event Actions	C/M	B	3c	3c			3c
		I	Perform Delog Actions	C/M	C	3c	3c			3c
		J	NOT USED							
D	05		Perform Event Alert Actions							
		A	Respond to ANCHOR Tasking	T/M	B	3c	3c	3c		
		B	Respond to Constant Vigilance/ Area Watch Mode Tasking	C/M	B	3c	3c			3c
		C	Respond to POI Direction		B	3c	3c	3c		3c
		D	Respond to PEC Direction	T	B	3c	3c	3c		
D	06		Perform Mission Data Man- agement							
		A	Perform Preprocessor Blanking Requirements	T/M	B	C	C	3c		
		B	Perform CPS Blanking Require- ments	T/M	B	C	C	3c		
		C	Perform System Optimization	T	B	C	C	3c		
D	07		Process Intelligence Informa- tion							
		A	Process Tactical Intelligence Information	C/M		1c ^T	1c ^T			1c ^T
		B	Process Mission Event Informa- tion	C/M		1c ^T	1c ^T			1c ^T
		C	Process Electronic Emitter Infor- mation	C/M		1c ^T	1c ^T			1c ^T
		D	Perform Supplemental Data Retrieval	C/M		1c ^T	1c ^T			1c ^T
D	08		Perform Commanding							
		A	Perform Ranging	T/M	B	C	C			3c ^T
		B	Perform CPS Commanding	T/M	B	3c	3c			3c
		C	Perform Standalone Command- ing	T/M	B	3c	3c			3c

		D-N	NOT USED							
D	09		Perform Satellite Monitoring	T/M	B	3b	3b		3c	
		A-E	NOT USED							
D	10		Process Ephemeris Data		B	3c ²	3c ²		3c	3c
		A-B	NOT USED							
D	11		Perform SCA Transfer							
		A	Perform SCA Actions	T/M	B	3c	3c		3c	
		B	Perform Report	T/M		3c ^T	3c ^T			
		C-E	NOT USED							
			EMERGENCY PROCE- DURES							
E	01		Perform Fire/Overheat Proce- dures		A	3c	3c	C		3c
E	02		Perform Security Procedures							
		A	Respond to Physical Security Violations	M	A	3c	3c	C	C	3c
		B	Respond to Bomb Threat		A	3c	3c	C	C	3c
		C	Perform FPCON Change Actions	M	B	3c	3c	C	C	3c
		D	NOT USED							
		E	DELETED							
		F	Respond to Information Opera- tions Directives	M	C	3c ^T	3c ^T	B	B	B
E	03		Perform Total Evacuation Pro- cedures		A	3c	3c	C	C	C
E	04		Perform Emergency Fault Procedures							
		A	Perform Emergency Fault Proce- dures		A	3c	3c		3c	3b
		B	Perform Heat/Load Shedding	M	A	3c	3c		3c	3c
		C	NOT USED							
E	5-6		NOT USED							

			LERTCON PROCEDURES							
F	01		Perform LERTCON Actions							
		A	Respond to SEAM	M	B	3c	3c			
		B	Perform LERTCON Actions	M	B	3c	3c			
		C	NOT USED							

^T = Train Only Tasks ¹ = Train Only task for ^{C²} = MGS/TGS (CMDR/CCH 3c); C (CMDR/CCH C)

D06C Level C for ^{C³} = TGS Only

Positions:CCH = CGS/TGS/MGS Only

GSO = CGS Only

DSO = TGS Only

DSS = CGS Only

LEVEL A TEPS FOR SPACE-BASED SENSORS (CGS/TGS/MGS)

A1.64. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):

Constraints:

1. Accidents and Life-threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart-failure, severe nausea, etc.).
2. Incident must occur within the restricted area.
3. For non life-threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A1.46. Respond To Accident/Injury/Illness:

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, request assistance and direct safing operations as needed.	1.1. Within 10 minutes of receipt of indications.

A1.65. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):

Constraints:

1. Input must occur within crewmember's scope of responsibility.
2. Type and severity of presented conditions must be clearly recognizable ("you feel an earthquake, thunderstorms within 10 min.").
3. If not life-threatening and/or equipment damaging, train/evaluate to Level B.
4. PA must be functional.
5. MW C2 Agency will allow the requested configuration(s).

Table A1.47. Respond To Severe Weather/Natural Disaster

PERFORMANCE	STANDARD
1. Obtain information, direct evacuation as applicable, make notifications, and direct/coordinate equipment configuration as required.	1.1. Within 10 minutes of receipt of indications.

A1.66. PERFORM WHITE PINNACLE ACTIONS (A09E)

Constraint: Voice communication must be available.

Table A1.48. Perform White Pinnacle Actions

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass White Pinnacle Report to applicable agency.	*1.1. Within the time standards according to HHQ Directives.

A1.67. PERFORM EMI PROCEDURES (B01A)

Constraints:

1. If required voice comm is not available, train/evaluate to Level B.
2. If EMI does not cause OPSCAP Red/Yellow, train/evaluate to Level B.
3. Indications of interference will be confirmed by appropriate maintenance/communications personnel.
4. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to Level B.

Table A1.49. Perform EMI Procedures.

PERFORMANCE	STANDARD
1. Initiate contact with MW C2 agency to report OPSCAP outage.	1.1. Within 2 minutes of receipt of indications.

A1.68. RESPOND TO EXTERNAL DATA LOSS (B02D):

Constraints:

1. If required voice comm is not available, train/evaluate to level B.
2. For data loss not causing OPSCAP Red/Yellow, train/evaluate to level B.
3. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to level B.

Table A1.50. Respond to External Data Loss.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of receipt of indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of receipt of indications.

A1.69. Respond to Console/Ground Station Malfunctions (B03A):

Constraints:

1. If required voice comm is not available, train/evaluate to level B.
2. If malfunction does not cause OPSCAP Red/Yellow, train/evaluate to level B.
3. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to level B.

Table A1.51. Respond to Console/Ground Station Malfunctions.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of receipt of indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of receipt indications.

A1.70. RESPOND TO SATELLITE MALFUNCTION (B03F):**Constraints:**

1. (CGS) The crew must have Satellite Control Authority for the affected satellite.
2. (CGS) If CPS commanding equipment is not available, train/evaluate to level B.
3. (CGS) Presentation/malfunction must clearly indicate the satellite is in jeopardy.
4. (CGS) If the satellite is not in jeopardy, train/evaluate to Level B.
5. If required voice comm is not available, train/evaluate Performance 1 to level B.
6. For Satellite Malfunction not causing OPSCAP Red/Yellow, train/evaluate Performance 1 to level B.
7. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to level B.

Table A1.52. Respond To Satellite Malfunction.

PERFORMANCE	STANDARD
1. Initiate contact with MW C2 agency to report OPSCAP outage.	Within 2 minutes of receipt of indications.
2. (CGS) Transmit commands necessary to prevent loss or damage the satellite.	2.1. Within 10 minutes of notification/receipt of indications.

A1.71. PERFORM VALID SITE REPORT ACTIONS (D01A):

Constraints: If primary secure voice is unavailable, train/evaluate to level B.

Table A1.53. Perform Valid Site Report Actions.

PERFORMANCE	STANDARD
1. Pass statement of validity to primary MW C2 agency.	*1.1. Within the time standards IAW HHQ Directives of valid mission event report if voicetell not required.

A1.72. PERFORM ANOMALOUS SITE REPORT ACTIONS (D01B):

Constraints: If primary secure voice is unavailable, train/evaluate to level B.

Table A1.54. Perform Anomalous Site Report Actions.

PERFORMANCE	STANDARD
1. Pass statement of validity to primary MW C2 agency.	*1.1. Within the time standards IAW HHQ directives of an anomalous mission event report if voicetell not required.
2. (TGS) Pass correct complete report to theater C2 agency.	*2.1. Within the time standards IAW HHQ Directives.

A1.73. RESPOND TO MWC-IMPLEMENTED SITE REPORT ACTIONS (D01C):

Constraints: If primary secure voice is unavailable, train/evaluate to level B.

Table A1.55. Respond To MWC-Implemented Site Report Actions.

PERFORMANCE	STANDARD
1. Determine and Pass statement of validity to primary MW C2 agency.	*1.1. Within the time standards IAW HHQ directives of MW C2 agency directing site report.

A1.74. PERFORM VOICETELL (D01D):

Constraints:

1. If primary secure voice is unavailable, train/evaluate to level B.
2. If multiple events, train/evaluate to level B.

Table A1.56. Perform Voicetell.

PERFORMANCE	STANDARD
1. Pass correct complete report to MW C2 agency.	1.1. Within 90 seconds if MW C2 indicated non-receipt of high speed. 1.2. Within 4 minutes of CCLT if previously in voicetell situation.

A1.75. PERFORM THEATER VOICE NET ACTIONS (D01E):

Constraints:

1. If primary secure voice net is unavailable, train/evaluate to level B.
2. If multiple events, train/evaluate to level B.

Table A1.57. Perform Theater Voice Net Actions.

PERFORMANCE	STANDARD
1. Pass correct complete report to theater C2 agency.	*1.1. Within the time standards IAW HHQ Directives.

A1.76. PROCESS LAUNCH ACTIVITY (D02A):

Constraints: (LPS's) Event must be readily detectable, otherwise, train/evaluate to level B.

Table A1.58. Process Launch Activity.

PERFORMANCE	STANDARD
1. Detect, collect, assess and disposition event data.	*1.1. Within time criteria IAW HHQ directives.

A1.77. PERFORM ICADS/NUDET ACTIONS (D03B):

Constraints: ICADS must not be OPSCAP Red.

Table A1.59. Perform ICADS/NUDET Actions.

PERFORMANCE	STANDARD
1. Assess and disposition NUDET event data.	*1.1. Within time criteria IAW HHQ directives.

A1.78. PERFORM SYSTEM 8 ACTIONS (D03C):

Constraints:

1. (CGS) ICADS must not be available.
2. If ICADS report is available, train/evaluate to a level C.

Table A1.60. Perform System 8 Actions.

PERFORMANCE	STANDARD
1. Assess and disposition NUDET event data.	*1.1. Within time criteria IAW HHQ directives.

A1.79. PERFORM HOTWALKER ACTIONS (D04C):

Constraints: (LPS's) Event must be readily detectable and identifiable, otherwise, train/evaluate to level B.

Table A1.61. Perform Hotwalker Actions.

PERFORMANCE	STANDARD
1. Detect, collect, assess, and disposition event data.	*1.1. Within time criteria IAW HHQ directives.

A1.80. PERFORM FIRE/OVERHEAT PROCEDURES (E01):**Constraints:**

1. Uncontrollable fires and fires that endanger human life must be clearly recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.).
2. Fire must occur within any area that would affect the mission (e.g. the computer room, power plant, Ops Room).
3. Problem presentation must clearly identify location of fire/overheat condition.
4. Evaluator/instructor must provide status that crewmember's senses would detect but cannot be simulated.
5. Response agency will act as a knowledgeable agency and respond appropriately.
6. Required communications must be available.

Table A1.62. Perform Fire/Overheat Procedures.

PERFORMANCE	STANDARD
1.1 Direct fire containment (if applicable). Notify primary fire agency, request assistance, direct appropriate evacuation and brief location.	1.1. Within 10 minutes of initial indications of a controllable fire.
1.2. Direct/Electrically isolate affected equipment, if applicable.	1.2. Within 2 minutes from initial indications.
1.3. Simulate application of fire extinguisher.	1.3. Within 2 minutes of last isolation action or receipt of indications if no isolation action required.

A1.81. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):**Constraints:**

1. Physical Security violations must be clearly recognizable.
2. Incident must occur within any area that would affect the mission (e.g. the computer room, power plant, Ops Room).
3. Security forces will act as a knowledgeable agency and declare a HH/CW or Unit equivalent as appropriate.

4. Required communications must be available.

Table A1.63. Respond To Physical Security Violations.

PERFORMANCE	STANDARD
1. Notify primary security agency and make PA announcement (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A1.82. RESPOND TO BOMB THREAT (E02B):

Constraints:

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present bomb threat against non-mission operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A1.64. Respond To Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement to search and secure work areas.	1.1. Within 10 minutes of time indications received.

A1.83. PERFORM TOTAL EVACUATION PROCEDURES (E03):

Constraints:

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb/suspicious object found, severe structural damage placing personnel safety in jeopardy, etc.).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. If required voice comm is not available, train/evaluate to level B..
4. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to level B.

Table A1.65. Perform Total Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation and vehicle safing. Make/direct PA announcement. Evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuation.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.2. Within 2 minutes of entering alternate location.

A1.84. PERFORM EMERGENCY FAULT PROCEDURES (E04A):**Constraints:**

1. If required voice comm is not available, train/evaluate to level B.
2. If emergency fault does not cause OPSCAP Red/Yellow, train/evaluate Performance 4 to level B.
3. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to level B.

Table A1.66. Perform Emergency Fault Procedures.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 30 seconds of initial indication of the fault, except for environmental faults.
2. Perform system status checks.	2.1. Within 30 seconds of environmental fault.
3. Direct transfer to alternate power source.	3.1. Within 30 seconds of indications of power failure.
4. Initiate contact with MW C2 agency to report OPSCAP outage.	4.1. Within 2 minutes of initial indications.

A1.85. PERFORM HEAT/LOAD SHEDDING (E04B):**Constraints:**

1. Unless critical temperature is reached, train/evaluate to level B.
2. MW C2 agency will approve/direct system configuration/reconfiguration request.
3. If required voice comm is not available, train/evaluate Performance 1 to level B.
4. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to level B.

Table A1.67. Perform Heat/Load Shedding.

PERFORMANCE	STANDARD
1. Direct/coordinate configuration actions.	1.1. Within 2 minutes of critical temperature/load notification.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of initial indications.

LEVEL B TASK CONSTRAINTS FOR SPACE-BASED SENSORS (CGS/TGS/MGS)

A1.86. PERFORM SYSTEM INITIALIZATION (A13A):

Constraints:

1. (C/M) No events will be presented until 10 minutes after sign-on.
2. (C) If 50% of Threat areas need to be opened due to Flare/Glare, do not present an event until 20 minutes after sign-on.

=====

A1.87. PERFORM HANDOVER ACTIONS (A13E):

Constraints:

1. (M) Crew must be notified of handover requirement 10 minutes prior to event.
2. (M) All appropriate communications equipment required for handover must be operational.

=====

A1.88. RESPOND TO VOICE COMMUNICATION FAILURE (B02A):

Constraints:

1. If required voice comm is not available, train/evaluate to level C.
2. For voice comm not causing OPSCAP Red/Yellow, train/evaluate to level C.

=====

A1.89. RESPOND TO DATALINE COMMUNICATION FAILURE (B02B):

Constraints:

1. If required voice comm is not available, train/evaluate to level C.
2. For dataline failures not causing OPSCAP Red/Yellow, train/evaluate to level C.

=====

A1.90. RESPOND TO POI DIRECTION (D05C):

Constraints:

1. (C/M) Crew must receive POI notification at least 15 minutes prior to expected event.

- 2. (T) POI must occur within existing AOIs, otherwise do not present expected event for 5 minutes.

=====

A1.91. RESPOND TO PEC DIRECTION (D05D):

Constraints: Crew must receive PEC notification 15 minutes prior to expected event.

=====

A1.92. PERFORM SYSTEM OPTIMIZATION (D06C):

Constraints: (M) Crew must receive activity notification at least 15 minutes prior to event presentation.

=====

A1.93. PERFORM CPS COMMANDING (D08B):

Constraints: All commanding equipment must operate normally.

=====

A1.94. PERFORM STANDALONE COMMANDING (D08C):

Constraints: All commanding equipment must operate normally.

=====

A1.95. PROCESS EPHEMERIS DATA (D10):

Constraints: (M) No additional status will be presented while crew is completing ephemeris data actions.

=====

LEVEL C TASK CONSTRAINTS FOR SPACE-BASED SENSORS (CGS/TGS/MGS)

A1.96. SUBMIT EMI REPORT (B01B):

Constraints: Do not evaluate hard-copy report.

=====

Table A1.68. Space-Based Infrared Systems (SBIRS) JPRL.

			MR SKILL LEVELS								
A	T	S	DESCRIPTION	U	L	C	M	D	S	G	S
R	A	U		Q	E	M	C	S	C	S	S
E	S	B		T	V	D	C	O	C	O	O
A	K	T							H		
		A		O	L						
		S		N							
		K		L							
				Y							
			MISSION SUPPORT PROCEDURES								
A	01		Perform Crew Actions								
		A	Perform Crew Changeover/Shift Actions		C	3c	3c	3c	3c	3c	3c
		B	NOT USED								
		C	Log Operations Activities		C	3c	3c	B	3c	3c	3c
A	02		Operate Mission Equipment								
		A	Use Operational/Mission Consoles		C	3c	3c	3c	3c	3c	3c
		B	Use Voice Communications Equipment		C	3c	3c	B	3c	3c	3c
		C	Use Printer/Peripheral Equipment	*	C	3c T	3c T	3c T	3c T	3c T	3c T
		D	Operate Interactive Electronic Technical Manual		C	3c	3c	3c	3c	3c	3c
A	03		Perform Contingency Procedures								
		A	Respond to Accident/Injury/Illness Notifications		A	3c	3c	3c	3c	3c	3c
		B	Respond to Severe Wx/Natural Disaster Notifica- tion		A	3c	3c	3c	3c	3c	3c
A	04		Perform/Demonstrate OPSEC Procedures		C	3c	3c	3c	3c	3c	3c
A	5-7		FUTURE EXPANSION								
A	08		Perform COMSEC Procedures								
		A	Perform COMSEC Inventory	*	C	3c	3c		3c		3c

		B	Destroy COMSEC Materials	*		3c T	3c T		3c T		3c T
		C	Use Authenticator	*	C	3c	3c		3c		
		D	Use Mission-Unique Materials	*	C	3c	3c		3c		3c
		E	NOT USED								
A	09		Perform Operational Reporting								
		A	Determine/Report OPREP-3 Incidents		B	3c	3c		3c		
		B	DELETED								
		C	Submit SITREP	*	C	3c	3c				
		D	DELETED								
		E	Perform White Pinnacle Actions	*	A	3c	3c		3c		
		F	Identify OPSCAP Requirements			C	C	C	C	C	C
		G	Determine/Report Threat Area Coverage		B	3c	3c	B			
		H	DELETED								
A	10		Perform Data Communications Actions		C	B			2b	3c	
A	11		Perform Test Control Procedures	*	B	3c	3c	B	3c	3c	B
A	12		NOT USED								
A	13		Perform Ground Station Procedures								
		A	Perform System Initialization		B	B			2b	3c	
		B	Perform System Configuration		B	B			2b	3c	
		C-E	NOT USED								
		F	Perform AFSCN Configuration Actions		B				2b	3c	
		G	Perform Tape Playback	*		2b T	2b T	B	3c T	3c T	
		H	Perform RGS-M Configuration Actions		B				2b	3c	
		I	Perform RGS-P Configuration Actions		B				2b	3c	
A	14		Operate Spacecraft Simulator	*					3c T	3c T	3c T
A	15		NOT USED								
A	16		Understand Space Elements								

		A	Perform Valid Site Report Actions		A	3c	3c	B			
		B	Perform Anomalous Site Report Actions		A	3c	3c	B			
		C	Perform MWC-Implemented Site Report Actions		A	3c	3c	3c			
		D	Perform Voicetell		A	3c	3c	B			
		E	Perform Theater Voice Net Actions		A	3c	3c	B			
D	02		Perform Launch Procedures								
		A	Process Launch Activity		A	3c	3c	3c			
		B	Perform LTR Actions		B	3c	3c	3c			
		C	Perform Auto Release Actions		B	3c	3c	B			
		D	NOT USED								
		E-F	DELETED								
D	03		Perform NUDET Procedures								
		A	Perform Mass NUDET Actions		B	3c	3c				
		B	Perform ICADS/NUDET Actions		A	3c	3c				
		C	NOT USED								
D	04		Perform Supplemental Event Procedures								
		A	Perform Slowwalker Actions		B	3c	3c	3c			
		B	NOT USED								
		C	Perform Hotwalker Actions		A	3c	3c	3c			
		D	Perform Handoff Actions		B	3c	3c	B			
		E	NOT USED								
		F	Perform Shredout Actions		B	3c	3c	3c			
		G	NOT USED								
		H	Perform Special Event Actions		B	3c	3c	3c			
		I	Perform Delog Actions	*		B	B				
		J	Perform FOED Actions		A	3c	3c	3c			
		K	Perform Update Actions		A	3c	3c	3c			
D	05		Perform Event Alert Actions		B	3c	3c	3c			
D	06		NOT USED								

D	07		Process Intelligence Information			B	B	B			
		A-D	NOT USED								
D	08		Perform Satellite Commanding								
		A-E	NOT USED								
		F	Review Command Plans			B	B			3c	3c
		G	Configure Commanding System			B	B			3c	3c
		H	Transmit Commands			B	B			3c	3c
		I	Build/Modify/Delete Command Sequence							2b T	2b T
		J	Respond to Commanding NOGO			B	B			3c	3c
		K	Perform Command Functional Verification			B	B			3c	3c
		L	Perform Two-Person Command Verification			B	B			3c	3c
		M	Transfer Satellite Connection/Command Control			C	B			3c	B
		N	Establish/Terminate Satellite Connection			C	B			3c	B
D	09		Perform Satellite Telemetry Monitoring								
		A	Perform Satellite State Of Health			B	B			3c	3c
		B	Monitor Satellite Telemetry			B				3c	3c
		C	Perform Satellite Telemetry Trending Procedures							3c T	3c T
		D	Perform Telemetry Processing Data Rate Change			B				3c	3c
		E	Set/change Measurand Limits							2b T	2b T
D	10		Process Ephemeris Data			B	B			2b	3c
D	11		Perform SCA Transfer								
		A	Perform SCA Actions			B	3c			3c	B
		B	Perform Report				3c T			3c T	
		C	DELETED								
D	12		Perform Prepass Procedures			B				2b	3c
D	13		Perform Postpass Procedures			B				2b	3c

EMERGENCY PROCEDURES											
E	01		Perform Fire/Overheat Procedures		A	3c	3c	3c	3c	3c	3c
E	02		Perform Security Procedures								
		A	Respond to Physical Security Violations		A	3c	3c	3c	3c	3c	3c
		B	Respond to Bomb Threat		A	3c	3c	3c	3c	3c	3c
		C	Perform FPCON Change Actions		B	3c	3c	3c	3c	3c	3c
		D	DELETED								
		E	NOT USED								
		F	Respond to Information Operations Directives		C	3c	3c	3c	3c	3c	3c
E	03		Perform Total Evacuation Procedures		A	3c	3c	3c	3c	3c	3c
E	04		Perform Emergency Fault Procedures								
		A	Perform Emergency Fault Procedures		A	3c	B	B	3c	3c	B
		B	Perform Heat/Load Shedding	*	A	3c	B	B	3c	3c	B
E	05		NOT USED								
E	06		Perform Mission Transfer/Deployment		A	3c	3c	B	B	3c	B
LERTCON PROCEDURES											
F	01		Perform LERTCON Actions								
		A	Respond to SEAM		B	3c	3c		3c		
		B	Perform LERTCON Actions		B	3c	3c	B	3c	B	2b
			NOT USED								
<p>^T = Train Only Tasks</p> <p>Positions:CMDR = Crew Commander/Deputy Commander SCCH = Systems Crew Chief MCCH = Mission Crew Chief GSO = Ground Systems Operator DSO = Data Systems Operator SSO = Satellite Systems Operator</p>											

LEVEL A TEPS FOR SPACE BASED INFRARED SYSTEM

A1.97. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):

Constraints:

1. Accidents and Life-threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart-failure, etc.).

2. Incident must occur within the restricted area.
3. For non life-threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A1.69. Respond To Accident/Injury/Illness.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, request assistance and direct safing operations as needed.	1.1. Within 10 minutes of receipt of indications.

A1.98. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):**Constraints:**

1. Input must occur within crewmember's scope of responsibility.
2. Indications must be given of type and severity of conditions inputted ("you feel an earthquake, thunderstorms within 10 nm.").
3. If not life-threatening and/or equipment damaging, train/evaluate to Level B.
4. PA must be functional.
5. MW C2 Agency will allow the requested configuration(s).

Table A1.70. Respond To Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, make notifications, and direct/coordinate equipment configuration as required.	1.1. Within 10 minutes of receipt of indications.

A1.99. PERFORM WHITE PINNACLE ACTIONS (A09E):

Constraint: Voice communication must be available.

Table A1.71. Perform White Pinnacle Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass White Pinnacle Report to applicable agency.	*1.1. Within the time standards according to HHQ directives

A1.100. PERFORM EMI PROCEDURES (B01A):**Constraints:**

1. If required voice comm is not available, train/evaluate to Level B.

2. If EMI does not cause OPSCAP Red/Yellow, train/evaluate to Level B.
3. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to Level B.

Table A1.72. Perform EMI Procedures.

PERFORMANCE	STANDARD
1. Initiate contact with MW C2 agency to report OPSCAP outage.	1.1. Within 2 minutes of receipt of indications.

A1.101. RESPOND TO VOICE COMMUNICATION FAILURE (B02A):

Constraint: If no OPSCAP change required, train/evaluate to Level B

Table A1.73. Respond to Voice Communications Failure.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of receipt of indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of receipt of indications.

A1.102. RESPOND TO DATALINE COMMUNICATION FAILURE (B02B):

Constraint: If no OPSCAP change required, train/evaluate to Level B.

Table A1.74. Respond to Dateline Communications Failure.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of receipt of indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of receipt of indications.

A1.103. RESPOND TO CONSOLE/GROUND STATION MALFUNCTIONS (B03A):**Constraints:**

1. If required voice comm is not available, train/evaluate to Level B.
2. If malfunction does not cause OPSCAP Red/Yellow, train/evaluate to Level B.
3. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to Level B.

Table A1.75. Respond to Console/Ground Station Malfunctions.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of receipt of indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of receipt of indications.

A1.104. RESPOND TO SATELLITE MALFUNCTION (B03F):**Constraints:**

1. If required voice comm is not available, train/evaluate to Level B
2. For satellite malfunction not causing OPSCAP Red/Yellow, train/evaluate to Level B.
3. Presentation/malfunction must clearly indicate a satellite malfunction.
4. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to Level B.

Table A1.76. Respond to Satellite Malfunction.

PERFORMANCE	STANDARD
1. Initiate contact with MW C2 agency to report OPSCAP outage.	Within 2 minutes of receipt of indications.

A1.105. RESPOND TO RGS-M MALFUNCTION (B03G):**Constraints:**

1. If required voice comm is not available, train/evaluate to Level B
2. For malfunction not causing OPSCAP Red/Yellow, train/evaluate to Level B.
3. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to Level B.

Table A1.77. Respond to RGS-M Malfunction.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of receipt of indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of receipt of indications.

A1.106. RESPOND TO RGS-P MALFUNCTION (B03K):**Constraints:**

1. If required voice comm is not available, train/evaluate to Level B
2. For malfunction not causing OPSCAP Red/Yellow, train/evaluate to Level B.
3. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to Level B.

Table A1.78. Respond to RGS-P Malfunction.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of receipt of indications.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of receipt of indications.

A1.107. PERFORM VALID SITE REPORT ACTIONS (D01A):

Constraints: If primary secure voice is unavailable, train/evaluate to Level B.

Table A1.79. Perform Valid Site Report Actions.

PERFORMANCE	STANDARD
1. Pass statement of validity to primary MW C2 agency.	*1.1. Within the time standards IAW HHQ directives of valid mission event report if voicetell not required.

A1.108. PERFORM ANOMALOUS SITE REPORT ACTIONS (D01B):

Constraint: If primary secure voice is unavailable, train/evaluate to Level B.

Table A1.80. Perform Anomalous Site Report Actions.

PERFORMANCE	STANDARD
1. Pass statement of validity to primary MW C2 agency.	*1.1. Within the time standards IAWHHQ Directives of an anomalous mission event report if voicetell not required.

A1.109. RESPOND TO MWC-IMPLEMENTED SITE REPORT ACTIONS (D01C):

Constraint: If primary secure voice is unavailable, train/evaluate to Level B.

Table A1.81. Respond to MWC Implemented Site Report Actions.

PERFORMANCE	STANDARD
1. Determine and Pass statement of validity to primary MW C2 agency.	*1.1. Within the time standards IAW HHQ Directives of MW C2 agency directing site report.

A1.110. PERFORM VOICETELL (D01D):

Constraints:

1. If primary secure voice is unavailable, train/evaluate to Level B.
2. If multiple events, train/evaluate to Level B.

Table A1.82. Perform Voicetell.

PERFORMANCE	STANDARD
1. Pass correct complete report to MW C2 agency.	1.1. Within 90 seconds if MW C2 indicated non-receipt of high speed. 1.2. Within 4 minutes of CCLT if previously in voicetell situation.

A1.111. PERFORM THEATER VOICE NET ACTIONS (D01E):

Constraint: If multiple events, train/evaluate to Level B.

Table A1.83. Perform Theater Voice Net Actions.

PERFORMANCE	STANDARD
1.1 Initiate Theater Voice Warning Net, as applicable. If Theater Voice Warning Net does not exist; is not operational; or MWC-T does not acknowledge presence on Theater Voice Warning Net: 1.2 Contact MWC.	1.1.1. Within time criteria IAW Directives. 1.2.1. Within time criteria IAW Directives.

A1.112. PROCESS LAUNCH ACTIVITY (D02A):

Constraints:

1. Event must be readily detectable, otherwise, train/evaluate to Level B.
2. The system must detect and present events to the operator automatically, otherwise, train/evaluate to Level B.
3. All events must have A7xx profile or better, otherwise, train/evaluate to Level B.

Table A1.84. Process Launch Activity.

PERFORMANCE	STANDARD
1. Detect, collect, assess and disposition event data over Strategic comms. 1.b Detect, collect, assess and disposition event data over Theater comms.	*1.1. Within time criteria IAW HHQ Directives. 1.1.b. Within time criteria IAW Directives.

A1.113. PERFORM ICADS/NUDET ACTIONS (D03B):

Constraint: ICADS must not be OPSCAP Red.

Table A1.85. Perform ICADS/NUDET Actions.

PERFORMANCE	STANDARD
1. Assess and disposition NUDET event data.	*1.1. Within time criteria IAW HHQ Directives.

A1.114. PERFORM HOTWALKER ACTIONS (D04C):

Constraint: Event must be readily detectable and identifiable, otherwise, train/evaluate to Level B.

Table A1.86. Perform Hotwalker Actions.

PERFORMANCE	STANDARD
1. Detect, collect, assess, and disposition event data.	*1.1. Within time criteria IAW HHQ Directives.

A1.115. PERFORM FOED ACTIONS (D04J):

Constraint: Event must be readily detectable and identifiable, otherwise, train/evaluate to Level B.

Table A1.87. Perform FOED Actions.

PERFORMANCE	STANDARD
1. Detect, collect, assess, and disposition event data.	*1.1. Within time criteria IAW HHQ Directives.

A1.116. PERFORM UPDATE ACTIONS (D04K):

Constraints: None.

Table A1.88. Perform Update Actions.

PERFORMANCE	STANDARD
1. Detect, collect, assess and disposition event data over Strategic comms.	*1.1. Within time criteria IAW HHQ Directives.
1.b Detect, collect, assess and disposition event data over Theater comms.	1.1.b. Within time criteria IAW Directives.

A1.117. PERFORM FIRE/OVERHEAT PROCEDURES (E01):

Constraints:

1. Uncontrollable fires and fires that endanger human life must be clearly recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.).
2. Fire must occur within any area that would affect the mission (i.e. the computer room, power plant, SOC).
3. Problem presentation must clearly identify location of fire/overheat condition.

4. Evaluator/instructor must provide status that crewmember’s senses would detect but cannot be simulated.
5. Response agency will act as a knowledgeable agency and respond appropriately.
6. Required communications must be available.

Table A1.89. Perform Fire/Overheat Procedures.

PERFORMANCE	STANDARD
1.1 Direct fire containment (if applicable). Notify primary fire agency , request assistance, direct non-essential evacuation and brief location.	1.1. Within 10 minutes of first indications of a controllable fire.
1.2. Direct/Electrically isolate affected equipment.	1.2. Within 2 minutes from initial indications.
1.3. Simulate application of fire extinguisher.	1.3. Within 2 minutes of last isolation action or receipt of indications if no isolation action required.

A1.118. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):

Constraints:

1. Physical Security violations must be clearly recognizable.
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, SOC).
3. Security forces will act as a knowledgeable agency and declare a HH/CW or Unit equivalent as appropriate.
4. Required communications must be available.

Table A1.90. Respond to Physical Security Violations.

PERFORMANCE	STANDARD
1. Notify primary security agency and make PA announcement (if required).	1.1. Within 10 minutes of first indications of a security incident.

A1.119. RESPOND TO BOMB THREAT (E02B):

Constraints:

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Bomb threats against facilities not related to mission operations will not be shown.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).

4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A1.91. Respond to Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct nonessential personnel evacuation; make/direct PA announcement to search and secure work areas.	1.1. Within 10 minutes of time indications occur.

A1.120. PERFORM TOTAL EVACUATION PROCEDURES (E03):

Constraints:

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb/suspicious object found, severe structural damage placing personnel safety in jeopardy, etc.).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. If required voice comm is not available, train/evaluate to Level B.
4. For final (return to OPSCAP Green) OPSCAP report, train/evaluate to Level B.

Table A1.92. Perform Total Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation and vehicle safing. Make/direct PA announcement. Evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuation.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of entering alternate location.

A1.121. PERFORM EMERGENCY FAULT PROCEDURES (E04A):

Constraints:

1. If required voice comm is not available, train/evaluate to Level B.
2. If emergency fault does not cause OPSCAP Red/Yellow, train/evaluate Performance 2 to Level B.
3. For final (return to OPSCAP Green) OPSCAP Report, train/evaluate to Level B.

Table A1.93. Perform Emergency Fault Procedures.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of initial indications of fault.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of initial indications.

A1.122. PERFORM HEAT/LOAD SHEDDING (E04B):

Constraints:

1. Unless critical temperature is reached, train/evaluate to Level B.
2. If required voice comm is not available, train/evaluate to Level B.
3. For final (return to OPSCAP Green) OPSCAP Report, train/evaluate to Level B.

Table A1.94. Perform Heat/Load Shedding.

PERFORMANCE	STANDARD
1. Direct/coordinate configuration actions.	1.1. Within 2 minutes of critical temperature/load notification.
2. Initiate contact with MW C2 agency to report OPSCAP outage.	2.1. Within 2 minutes of initial indications.

A1.123. PERFORM MISSION TRANSFER DEPLOYMENT (E06):

Constraint: None.

Table A1.95. Perform Mission Transfer Deployment (E06).

PERFORMANCE	STANDARD
1. Direct/coordinate configuration actions IAW directives.	1.1. Within time criteria IAW directives.

Attachment 2

SPACE SURVEILLANCE MISSION AREA

A2.1. The Space Surveillance mission area includes the master JPR matrix, one system JPRL with associated TEPS. The table below lists the title and table number for easy reference.

Table A2.1. Space Surveillance Mission Area Matrix.

Description	Table	Para
Space Surveillance JPR	A2.2.	
Active Space Surveillance JPRL	A2.3.	
Level A TEPS		A2.2.
Level B Task Constraints		A2.18.
Optical Surveillance JPRL	A2.20.	
Level A TEPS		A2.22.
Level B Constraints		A2.34.

Table A2.2. Space Surveillance JPR (4/18/20 SPSS, 18 SPSS Det 4).

A	T	S	DESCRIPTION	LV L	4	20	18	Det 4
			MISSION SUPPORT OPERATIONS					
A	01		Perform Crew Actions					
		A	Perform Crew Changeover/Shift Actions	C	x	x	x	x
		B	Manage Tech Order	C			x	
		C	Log Operations Activities	C	x	x	x	x
A	02		Operate Mission Equipment					
		A	Use Operational/Mission Consoles	C	x	x	x	x
		B	Use Voice Communications Equipment	C	x	x	x	x
		C	Use Printer/Peripheral Equipment	C	x	x	x	x
		D	Operate Interactive Electronic Technical Manual	C				x
A	03		Perform Contingency Procedures					
		A	Respond to Accident/Injury/Illness Notifications	A	x	x	x	x
		B	Respond to Severe Weather/Natural Disaster Notifications	A	x	x	x	x
A	04		Perform/Demonstrate OPSEC Procedures	C	x	x	x	x
A	5-7		FUTURE EXPANSION					
A	08		Perform COMSEC Procedures					
		A	Perform COMSEC Inventory	C	x	x	x	x
		B	Destroy COMSEC Materials	C	x	x	x	x
		C	Use Authenticator	C		x	x	x
		D	Use Mission-Unique Materials	C		x	x	x
A	09		Perform Operational Reporting					
		A	Determine/Report OPREP-3 incidents	A/B	x	x (B)	x (B)	x (B)
		B	NOT USED					
		C	Submit SITREP	C	x	x	x	x
		D	NOT USED					
		E	Perform White Pinnacle Actions	A		x	x	x

		F	Identify OPSCAP Requirements		x	x	x	x
		G-I	NOT USED					
		J	DELETED					
		K	Submit Utility Outage/Incident Report	B			x	x
		L	Describe BLUE DART				x	
A	10		Perform Data Communications Actions	B	x			
		A-C	NOT USED					
		D	Perform MDT Procedures	B			x	
		E	Perform DCCS Procedures	B			x	
		F	Perform SDIN/WAN Procedures	B			x	
A	11		Perform Test Control Procedures	B	x			
A	12		NOT USED					
			STATUS MONITORING					
B	01		Perform EMI Procedures					
		A	Perform EMI Procedures	B/A	x	x (A)		
		B	Submit EMI Report	C		x		
B	02		Perform Communications Failure Procedure					
		A	Respond to Voice Communication Failure	A/B	x	x (B)	x (B)	x (B)
		B	Respond to Dataline Communication Failure	A/B	x	x (B)	x	x
		C	Respond to AUTODIN Failure	B		x		
B	03		Perform Fault/Anomaly Resolution Procedures					
		A	Respond to Console Malfunctions	B	x	x	x	x
		B	Respond to Miscellaneous Printer Malfunctions	C	x			
		C	Respond to Miscellaneous System Faults	B		x	x	x
		D-G	NOT USED					
		H	Respond to Support Equipment Malfunctions	B	x			
B	4-5		FUTURE EXPANSION					

B	06		Perform Preventive Maintenance	B	x	x	x	x
B	07		Perform SCC Command and Control Change Actions					
		A	Perform SCC Level Change Actions	B		x	x	x
		B	NOT USED					
		C	Perform Handover/Ops Center Transfer Actions	B			x	
B	08		Perform Power Transfer Procedure	B/A	x		x (A)	x (A)
B	09		Perform Communications Sustainment Actions					
		A	Perform AUTODIN Procedure	B		x		
		B	Perform Retransmission Procedures	B		x		
B	10		NOT USED					
B	11		Respond to Site Weather Changes	B			x	x
			MISSION PROCEDURES (ACTIVE)					
C	01		Perform Space Surveillance Procedures					
		A	Conduct Search	B		x		
		B	Perform LAPRED Actions	C		x		
		C	Edit Spacetrack/Calibration Task	C		x		
		D	Edit/Delete OES	C		x		
		E	Update Epoch Time/Right Ascension	B		x		
C	02		Perform Spacetrack Procedures					
		A	Perform Normal Spacetrack Actions	A		x		
		B	Submit Missed Pass Report	C		x		
C	03		Perform New Foreign Launch Procedure					
		A	Perform Anchor Alert Actions	A		x		
		B	Perform Folder Alert Actions	A		x		
		C	Perform ASAT Actions	A		x		
		D	Perform ANALSAT Actions	A		x		
C	04		Perform Pre-Planned Launch Procedure					
		A	Perform Actions for PPL Requiring EODET	B		x		

		B	Perform Actions for PPL Not Requiring EODET	C		x		
C	05		Perform SOI Procedures	C		x		
C	06		Perform Spacetrack Catalog Management					
		A	Perform Element Set Inventory Procedures	C		x		
		B	Process Tasking Summary Message/Tasking Update	C		x		
			MISSION PROCEDURES (PASSIVE)					
D	01		Understand Orbital Mechanics Elements					
		A	List & Define Orbital Elements		x			
		B	Describe Orbit Types		x			
		C	DELETED					
D	02		Perform DSTS Mission Procedures					
		A	Describe Target Signals					
		B	Understand Mission Tasking Process					
		C	Respond to Tasking Message	B				
		D	Perform Metric Spacetrack Actions	B				
		E	Classified Task	B				
		F	Submit SPADAT Report	A				
		G	Submit POS/NEG Report	A				
		H	Submit Missed Pass Report	C				
		I	Classified Task	A				
D	03		Perform New Foreign Launch Procedures					
		A	NOT USED					
		B	Perform NFL Actions	B				
D	04		Perform Spacetrack Catalog (ESI/A File) Management	B	x			
		A	Perform SST Database Management Procedures	C				
		B	Process Daily Tasking	C				
		C	Perform Elset Actions	C	x			
D	05		FUTURE EXPANSION					

D	06-14		Classified Task		x			
			EMERGENCY PROCEDURES					
E	01		Perform Fire/Overheat Procedures	A	x	x	x	x
E	02		Perform Security Procedures					
		A	Respond to Physical Security Violations	A	x	x	x	x
		B	Respond to Bomb Threat	A	x	x	x	x
		C	Perform FPCON Change Actions	B	x	x	x	x
		D	DELETED					
		E	NOT USED					
		F	Respond to Information Operations Directives	C	x	x	x	x
E	03		Perform Total Evacuation Procedures	A	x	x		x
E	04		Perform Emergency Fault Procedures	A	x	x		x
E	05		Perform Radiation Hazard Actions					
		A	Perform Airspace Management	A		x		
		B	Perform Radiation Frequency (RF) Inhibit Actions	A		x		
			LERTCON PROCEDURES					
F	01		Perform LERTCON Action					
		A	Respond to SEAM	B	x	x	x	x
		B	Perform LERTCON Actions	B	x	x	x	x
		C	NOT USED					
F	02		Classified Task		x			
			MISSION PROCEDURES (OPTICAL)					
G	01		Perform Spacetrack Procedures					
		A	Perform System Procedures	B			x	x
		B	NOT USED					
		C	Perform Shooting Period Actions	B			x	x
		D	Perform Routine Metric Tasking	B			x	x
		E	Perform Special Tasking	A			x	x

		F	Perform UCT Processing	B				x
G	02		Perform Calibration Procedures					
		A	Perform Mount Calibration	C			x	
		B	Perform SOI Instrumentation Calibration	C			x	x
		C	NOT USED					
		D	NOT USED					
G	03		Perform New Foreign Launch					
		A	Perform Alerting Actions	A				x
G	04		Perform Pre-planned Launch Procedures					
		A	Perform Pre-Launch Actions	B				x
		B	Perform Liftoff (Non-EODET) Actions	B				x
G	05		Perform Space Object Identification (SOI) Procedures					
		A	Perform SOI Tasking Actions	B			x	x
G	06		Perform Spacetrack Catalog Management					
		A	Perform Database Maintenance	C				x

Table A2.3. Active Space Surveillance JPRL (20 SPSS).

				MR SKILL LEVELS		
A	T	S	DESCRIPTION	L	C	S
R	A	U		E	M	C
E	S	B		V	D	O
A	K	T		E	R	
		A		L		
		S				
		K				
			MISSION SUPPORT OPERATIONS			
A	01		Perform Crew Actions			
		A	Perform Crew Changeover/Shift Actions	C	3c	3c
		B	NOT USED			
		C	Log Operational Activities	C	3c	3c
A	02		Operate Mission Equipment			
		A	Use Operational/Mission Consoles	C	3c	3c
		B	Use Voice Communications Equipment	C	3c	3c
		C	Use Printer/Peripheral Equipment	C	3c	3c
A	03		Perform Contingency Procedures			
		A	Perform Accident/Injury/Illness Notifications	A	3c	3c
		B	Respond to Severe Weather/Natural Disaster Notifications	A	3c	3c
A	04		Perform/Demonstrate OPSEC Procedures	C	3c	3c
A	5-7		FUTURE EXPANSION			
A	08		Perform COMSEC			
		A	Perform COMSEC Inventory	C	3c	3c
		B	Destroy COMSEC Materials	C	3c T	3c T
		C	Use Authenticator	C	3c	3c

		D	Use Mission Unique Materials	C	3c	3c
A	09		Perform Operational Reporting			
		A	Determine/Report OPREP-3 Incidents	B	3c	3c
		B	NOT USED			
		C	Submit SITREP	C	3c	3c
		D	NOT USED			
		E	Perform White Pinnacle Actions	A	3c	3c
		F	Identify OPSCAP Requirements		B	B
		G	NOT USED			
A	10-12		NOT USED			
			STATUS MONITORING			
B	01		Perform EMI Procedures			
		A	Perform EMI Procedures	A	3c	3c
		B	Submit EMI Report	C	3c	3c
B	02		Perform Communications Failure Actions			
		A	Respond to Voice Communication Failure	B	3c	3c
		B	Respond to Dataline Communication Failure	B	3c	3c
		C	Respond to AUTODIN Failure	B	3c	3c
B	03		Perform Fault Anomaly Resolution Procedures			
		A	Respond to Console/Ground Station Malfunctions	B	3c	3c
		B	NOT USED			
		C	Respond to Miscellaneous System Faults	B	3c	3c
		D	NOT USED			
B	4-5		FUTURE EXPANSION			
B	06		Perform Preventive Maintenance	B	3c	3c
B	07		Perform SCC Command and Control Change Actions			
		A	Perform SCC Level Change Actions	B	3c	3c
		B-C	NOT USED			
B	08		DELETED			

B	09		Perform Communications Sustainment Actions			
		A	Perform AUTODIN Procedure	B	3c	3c
		B	Perform Retransmission Procedure	B	3c	3c
			MISSION PROCEDURES (GROUND BASED)			
C	01		Perform Space Surveillance Procedures			
		A	Conduct Search	B	3c	3c
		B	Perform LAPRED Actions	C	3c	3c
		C	Edit Spacetrack/Calibration Task	C	3c	3c
		D	Edit/Delete OES	C	3c	3c
		E	Update Epoch Time/Right Ascension	B	3c	3c
C	02		Perform Spacetrack Procedures			
		A	Perform Normal Spacetrack Actions	A	3c	3c
		B	Submit Miss Report	C	3c	3c
C	03		Perform New Foreign Launch Procedure			
		A	Perform Anchor Actions	A	3c	3c
		B	Perform Folder Alert Actions	A	3c	3c
		C	Perform ASAT Actions	A	3c	3c
		D	Perform ANALSAT Actions	A	3c	3c
C	04		Perform Pre-planned Launch Procedure			
		A	Perform Actions for PPL Requiring EODET	B	3c	3c
		B	Perform Actions for PPL Not Requiring EODET	C	3c	3c
C	05		Perform SOI Procedures	C	3c	3c
C	06		Perform Spacetrack Catalog Management			
		A	Perform Element Set Inventory Procedures	C	3c	3c
		B	Process Tasking Summary Message/Tasking Update	C	3c	3c
			MISSION PROCEDURES (PASSIVE)			
D			NOT USED			
			EMERGENCY PROCEDURES			
E	01		Perform Fire/Overheat Procedures	A	3c	3c

E	02		Perform Security Procedures			
		A	Respond to Physical Security Violations	A	3c	3c
		B	Respond to Bomb Threat	A	3c	3c
		C	Perform FPCON Change Actions	B	3c	3c
		D	DELETED			
		E	NOT USED			
		F	Respond to Information Operations Directives	C	3c	3c
E	03		Perform Total Evacuation Procedures	A	3c	3c
E	04		Perform Emergency Fault Procedures	A	3c	3c
E	05		Perform Radiation Hazard Actions			
		A	Perform Airspace Management	A	3c	3c
		B	Perform Radiation Frequency (RF) Inhibit Actions	A	3c	3c
			LERTCON PROCEDURES			
F	01		Perform LERTCON Actions			
		A	Respond to SEAM	B	3c	3c
		B	Perform LERTCON Actions	B	3c	3c
		C	NOT USED			
F	2-3		NOT USED			

LEVEL A TEPS FOR ACTIVE SPACE SURVEILLANCE (20 SPSS)

A2.2. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):

Constraints:

1. Accidents and Life Threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart failure, etc.).
2. Incident must occur within the restricted area.
3. For non-life threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A2.4. Respond to Accident/Injury/Illness.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, and request emergency assistance.	1.1. Within 10 minutes of receipt of indications.

A2.3. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):**Constraints:**

1. Input must occur within crewmember's scope of responsibility.
2. Type and severity of presented conditions must clearly be recognizable. (Earthquake, tornado/flood/hurricane warning, brush/forest fire).
3. If not life threatening and/or equipment damaging, train/evaluate to Level B.
4. PA must be functional.
5. Civil Engineer, weather, and emergency response agencies will act as a knowledgeable agency and respond appropriately.

Table A2.5. Respond to Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, notify site personnel, and make/request emergency notifications and assistance (as required).	1.1. Within 10 minutes of receipt of indications.

A2.4. PERFORM WHITE PINNACLE ACTIONS (A09E):

Constraint: Voice communication must be available.

Table A2.6. Perform White Pinnacle Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass White Pinnacle Report to applicable agency.	*1.1. Within the time standard IAW HHQ directives.

A2.5. PERFORM EMI PROCEDURES (B01A):**Constraints:**

1. If required voice communication is not available, train/evaluate to Level B.
2. If EMI does not cause OPSCAP Red or Yellow, train/evaluate to Level B.
3. For final OPSCAPs, train/evaluate to Level B.

Table A2.7. Perform EMI Procedures.

PERFORMANCE	STANDARD
1. Pass OPSCAP to space controlling agency.	1.1. Within 5 minutes of reportable OPSCAP change.

A2.6. PERFORM NORMAL SPACETRACK ACTIONS (C02A):**Constraints:**

1. If voice comm is not available, train/evaluate to Level B.
2. Object must be a category 1 or 2 and "POS/NEG" reportable, otherwise train/evaluate to Level B.
3. For possible breakups not related to "POS/NEG" objects, train/evaluate to Level B.

Table A2.8. Perform Normal Spacetrack Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to C2 agency.	*1.1. Within 5 minutes of track termination.

A2.7. PERFORM ANCHOR ALERT ACTIONS (C03A):**Constraints:**

1. Anchor Alerts will be presented no less than 5 minutes prior to object entry into field of view.
2. If voice comm is not available, train/evaluate performance 1 to Level B.

Table A2.9. Perform Anchor Alert Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to C2 agency.	*1.1. Within time standard IAW HHQ Directives

A2.8. PERFORM FOLDER ALERT ACTIONS (C03B):

Constraint: If voice comm is not available, train/evaluate to Level B.

Table A2.10. Perform Folder Alert Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to C2 agency.	*1.1. Within time standard IAW HHQ Directives

A2.9. PERFORM ASAT ACTIONS (C03C):

Constraint: If voice comm is not available, train/evaluate to Level B.

Table A2.11. Perform ASAT Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to C2 agency.	*1.1. Within time standard IAW HHQ Directives

A2.10. PERFORM ANALSAT ACTIONS (C03D):

Constraint: If voice comm is not available, train/evaluate to Level B.

Table A2.12. Perform ANALSAT Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass POS/NEG report to C2 agency.	*1.1. Within time standard IAW HHQ Directives

A2.11. RESPOND TO FIRE/OVERHEAT INDICATIONS (E01):**Constraints:**

1. Uncontrollable fires and fires that endanger human life must clearly be recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.)
2. Fire indications must occur within the restricted area.
3. Problem presentation must clearly identify the location of fire/overheat condition.
4. Evaluator/instructor must provide status that the crewmember's senses would detect but cannot be simulated.
5. Response agency will act as a knowledgeable agency and respond appropriately.
6. Required communications must be available.

Table A2.13. Respond to Fire/Overheat Indications.

PERFORMANCE	STANDARD
1. Obtain information, notify primary fire agency, request assistance, direct appropriate evacuation and brief location.	1.1. Within 10 minutes of initial indications of controllable fire.
2. Direct/Electrically isolate the affected equipment.	2.1. Within 2 minutes from initial indications.
3. Simulate application of fire extinguisher.	3.1. Within 2 minutes of last isolation action or receipt of indications if no isolation action required.

A2.12. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):

Constraints:

1. Physical Security violations must clearly be recognizable.
2. Physical security incident must occur within the restricted area.
3. Security forces will act as a knowledgeable agency and respond appropriately and declare a HH/CW as appropriate.
4. Required communications must be available.

Table A2.14. Respond to Physical Security Violations.

PERFORMANCE	STANDARD
1. Notify primary security agency and make a PA announcement (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A2.13. RESPOND TO BOMB THREAT (E02B):

Constraints:

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present a bomb threat against non-mission essential operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A2.15. Respond to Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement and site notifications to search and secure work areas.	1.1. Within 10 minutes of time indications are received.

A2.14. PERFORM TOTAL EVACUATION PROCEDURES (E03):

Constraints:

1. Situations requiring facility evacuation must clearly be recognizable (uncontrollable fire, bomb found, severe structural damage, toxic fumes present).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communication must be available.
4. For final OPSCAPs, train/evaluate to Level B.

Table A2.16. Perform Total Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation, make/direct PA announcement/site notifications and evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.
2. Pass OPSCAP to space controlling agency.	2.1. Within 5 minutes of entering alternate location.

A2.15. PERFORM EMERGENCY FAULT PROCEDURES (E04):**Constraints:**

1. Train/Evaluate only faults causing OPSCAP Red/Yellow.
2. For final OPSCAPs, train/evaluate to Level B.

Table A2.17. Perform Emergency Fault Procedures.

PERFORMANCE	STANDARD
1. Direct corrective maintenance.	1.1. Within 60 seconds of initial indications.
2. Pass OPSCAP to space controlling agency.	2.1. Within 5 minutes of reportable OPSCAP change.

A2.16. PERFORM AIRSPACE MANAGEMENT (E05A): Constraint: None.**Table A2.18. Perform Airspace Management.**

PERFORMANCE	STANDARD
1. Five minutes prior to IP call, direct RF Inhibit Actions.	1.1. Within 60 seconds of status presentation.
2. Direct RF inhibit actions.	2.1. Within 30 seconds of an aircraft at IP.

A2.17. PERFORM RF INHIBIT ACTIONS (E05B):

Constraint: RADHAZ situation must clearly be recognizable (i.e. individuals in front of the Radar Face, aircraft in restricted airspace).

Table A2.19. Perform Airspace Management.

PERFORMANCE	STANDARD
1. Obtain information and direct RF Inhibit actions.	1.1. Within 60 seconds of initial notification.

LEVEL B TASK CONSTRAINTS FOR ACTIVE SPACE SURVEILLANCE (20 SPSS)

A2.18. RESPOND TO VOICE COMMUNICATION FAILURE (B02A):

Constraints:

- 1. If voice contact is not available with required maintenance personnel, train/evaluate to Level C.
- 2. If presentation does not drive OPSCAP Red/Yellow, train/evaluate to Level C.

=====

A2.19. RESPOND TO DATALINE COMMUNICATION FAILURE (B02B):

Constraints:

- 1. If voice contact is not available with required maintenance personnel, train/evaluate to Level C.
- 2. If presentation does not drive OPSCAP Red/Yellow, train/evaluate to Level C.

=====

A2.20. RESPOND TO AUTODIN FAILURE (B02C):

Constraint: Communication center will notify the operations crew of an initial AUTODIN outage.

=====

A2.21. UPDATE EPOCH TIME/RIGHT ASCENSION (C01E):

Constraints:

- 1. Present liftoff status no later than 30 minutes prior to pass time for any PPL.
- 2. Present liftoff status no later than 30 minutes prior to pass time for any NFL.
- 3. Manual calculation is "train only."

=====

Table A2.20. Optical Space Surveillance JPRL (18 SPSS/18 SPSS Det 4).

				MR SKILL LEVELS		
A R E A	T A S K	S U B T A S K	DESCRIPTION	L E V E L	CMDR/ CCH/ DCCH/ SCO	
					O C 3 F	M O S S
			MISSION SUPPORT OPERATIONS			
A	01		Perform Crew Actions			
		A	Perform Crew Changeover/Shift Actions	C	3c	3c
		B	Manage Technical Order	C	3c	
		C	Log Operational Activities	C	3c	3c
A	02		Operate Mission Equipment			
		A	Use Operational/Mission Consoles	C	3c	3c
		B	Use Voice Communications Equipment	C	3c	3c
		C	NOT USED			
		D	Operate Interactive Electronic Technical Manual	C		3c
A	03		Perform Contingency Procedures			
		A	Perform Accident/Injury/Illness Notifications	A	3c	3c
		B	Respond to Severe Weather/Natural Disaster Notifications	A	3c	3c
A	04		Perform/Demonstrate OPSEC Procedures	C	3c	3c
A	5-7		FUTURE EXPANSION			
A	08		Perform COMSEC			

		A	Perform COMSEC Inventory	C	3c	3c
		B	Deleted			
		C	Use Authenticator	C	3c	3c
		D	Deleted			
A	09		Perform Operational Reporting			
		A	Determine/Report OPREP-3 Incidents	B	3c	3c
		B	NOT USED			
		C	Submit SITREP	C	3c	3c
		D	NOT USED			
		E	Perform White Pinnacle Actions	A	3c	3c
		F	NOT USED			
		G-J	NOT USED			
		K	Submit Utility Outage/Incident Report	B	3c	3c
		L	NOT USED			
A	10		Perform Data Communications			3c
		A-C	NOT USED			
		D	Perform MDT Procedures	B	3c	
		E	Perform DCCS Procedures	B	3c	
		F	NOT USED			
A	11		NOT USED			
A	12		NOT USED			
			STATUS MONITORING			
B	01		NOT USED			
B	02		Perform Communications Failure Actions			
		A	Respond to Voice Communication Failure	B	3c	3c
		B	Respond to Dataline Communication Failure	A	3c	3c
		C	NOT USED			
B	03		Perform Fault Anomaly Resolution Procedures			
		A	Respond to Console Malfunctions	B	3c	3c

		B	NOT USED			
		C	Respond to Miscellaneous System Faults	B	3c	3c
		D	NOT USED			
B	4-5		FUTURE EXPANSION			
B	06		Perform Preventive Maintenance	B	3c	3c
B	07		Perform SCC Command and Control Change Actions			
		A	Perform SCC Level Change Actions	B	3c	3c
		B	NOT USED			
		C	Perform OC3F State Change Actions	B	3c	
B	08		Perform Power Transfer Procedure	A	3c	3c
B	9-10		NOT USED			
B	11		Respond to Site Weather Changes	B	3c	3c
			MISSION PROCEDURES (GROUND BASED)			
C			NOT USED			
			MISSION PROCEDURES (PASSIVE)			
D			NOT USED			
			EMERGENCY PROCEDURES			
E	01		Perform Fire/Overheat Procedures	A	3c	3c
E	02		Perform Security Procedures			
		A	Respond to Physical Security Violations	A	3c	3c
		B	Respond to Bomb Threat	A	3c	3c
		C	Perform FPCON Change Actions	B	3c	3c
		D	DELETED			
		E	NOT USED			
		F	Respond to Information Operations Directives	C	3c	3c
E	03		Perform Total Evacuation Procedures	A	3c	3c
E	04		Perform Emergency Fault Procedures	A		3c
			LERTCON PROCEDURES			

F	01		Perform LERTCON Actions			
		A	Respond to SEAM	B	3c	3c
		B	Perform LERTCON Actions	B	3c	3c
			MISSION PROCEDURES (OPTICAL)			
G	01		Perform Spacetrack Procedures			
		A	Perform System Procedures	B	3c	3c
		B	NOT USED			
		C	Perform Shooting Period Actions	B	3c	3c
		D	Perform Metric Tasking	B	3c	3c
		E	Perform Special Tasking	A	3c	3c
		F	Perform UCT Processing	B		3c
G	02		Perform Calibration Procedures			
		A	Perform Mount Calibration	C	3c	
		B	Perform SOI Instrumentation Calibration	C	3c	3c
		C	NOT USED			
		D	NOT USED			
G	03		Perform New Foreign Launch Procedures			
		A	Perform Alerting Actions	A		3c
G	04		Perform Pre-Planned Launch Procedures			
		A	Perform Pre-Launch Actions	B		3c
		B	Perform Liftoff (Non EODET) Actions	B		3c
G	05		Perform Space Object Identification (SOI) Procedures			
		A	Perform SOI Tasking	B	3c	3c
G	06		Perform Spacetrack Catalog Management			
		A	Perform Database Maintenance	C		3c

LEVEL A TEPS FOR OPTICAL SPACE SURVEILLANCE (18 SPSS/18 SPSS DET 4)**A2.22. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):****Constraints:**

1. Accidents and Life Threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart failure, etc.).
2. Incident must occur within crewmember's scope of responsibility.
3. For non-life threatening injuries/illness, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A2.21. Respond to Accident/Injury/Illness:

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, and request emergency assistance.	1.1. Within 10 minutes of receipt of indications.

A2.23. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):**Constraints:**

1. Input must occur within crewmember's scope of responsibility.
2. Type and severity of presented conditions must clearly be recognizable. (Earthquake, tornado/flood/hurricane warning, brush/forest fire).
3. If not life threatening and/or equipment damaging, train/evaluate to Level B.
4. PA must be functional, (if applicable).

Table A2.22. Respond to Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, direct evacuation as applicable, make notifications, and direct/coordinate equipment configuration as required.	1.1. Within 10 minutes of receipt of indications.

A2.24. PERFORM WHITE PINNACLE ACTIONS (A09E):

Constraint: Voice communication must be available.

Table A2.23. Perform White Pinnacle Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass White Pinnacle Report to applicable agency.	*1.1. Within the time standard IAW HHQ directives.

A2.25. RESPOND TO DATALINE COMMUNICATION FAILURE (B02B):**Constraints:**

1. For dataline failures not causing OPSCAP Red/Yellow for communications, train/evaluate to level B.
2. If voice comm is not available to maintenance, train/evaluate to level B.

Table A2.24. Respond to Dataline Communication Failure.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of receipt of indications.

A2.26. PERFORM POWER TRANSFER PROCEDURES (B08):**Constraints:**

1. For any condition which does not threaten mission accomplishment, train/evaluate to level B.
2. Problem presentation must clearly show status of power failure, current power source is unstable, threatening condition to power source (i.e., bomb threat/bomb found at the power source), or weather condition which could cause power loss.

Table A2.25. Perform Power Transfer Procedures.

PERFORMANCE	STANDARD
1. Direct transfer to alternate power source.	*1.1. Within 2 minutes of indications of power failure.

A2.27. PERFORM FIRE/OVERHEAT PROCEDURES (E01):**Constraints:**

1. Uncontrollable fires and fires that endanger human life must clearly be recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.)
2. Fire must occur within crewmember's area of responsibility.
3. Problem presentation must clearly identify the location of fire/overheat condition.

4. Evaluator/instructor must provide status that the crewmember's senses would detect but cannot be simulated.
5. Response agency will act as a knowledgeable agency and respond appropriately.
6. Required communications must be available.

Table A2.26. Perform Fire/Overheat Procedures.

PERFORMANCE	STANDARD
1. Direct fire containment (if applicable). Notify primary fire agency, request assistance, direct appropriate evacuation and brief location.	1.1. Within 10 minutes of initial indications of controllable fire.
2. Direct/Electrically isolate the affected equipment.	2.1. Within 2 minutes from initial indications.
3. Simulate application of fire extinguisher.	3.1. Within 2 minutes of last isolation action or receipt of indications if no isolation action required.

A2.28. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):**Constraints:**

1. Physical Security violations must be clearly recognizable.
2. Physical security incident must occur within the crewmember's scope of responsibility.
3. Security forces will act as a knowledgeable agency and respond appropriately.
4. Required communications must be available.

Table A2.27. Respond to Physical Security Violation:

PERFORMANCE	STANDARD
1. Notify primary security agency and make/direct a PA announcement, (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A2.29. RESPOND TO BOMB THREAT (E02B):**Constraints:**

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present a bomb threat against non-mission essential operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.

5. Bomb threat must occur within crewmember's scope of responsibility.
6. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A2.28. Respond to Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement (if applicable) and site notifications to search and secure work areas.	1.1. Within 10 minutes of time indications are received.

A2.30. PERFORM TOTAL EVACUATION PROCEDURES (E03):**Constraints:**

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb found, severe structural damage, toxic fumes etc.).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communication must be available.

Table A2.29. Perform Total Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation, make/direct PA announcement/site notifications and evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.
2. Pass OPSCAP to controlling space agency.	2.1. Within 5 minutes of entering the alternate location.

A2.31. PERFORM EMERGENCY FAULT PROCEDURES (E04):**Constraints:**

1. Train/Evaluate only faults causing OPSCAP Red/Yellow.
2. For Final OPSCAP, train/evaluate to level B.

Table A2.30. Perform Emergency Fault Procedures.

PERFORMANCE	STANDARD
1. Direct corrective maintenance and report OPSCAP to controlling space agency.	1.1. Within 5 minutes of reportable OPSCAP change.

A2.32. PERFORM SPECIAL TASKING (G01E):

Constraint: If voice comm is not available, train/evaluate to level B.

Table A2.31. Perform Special Tasking.

PERFORMANCE	STANDARD
1. Establish voice contact and pass POS/NEG voice report to C2 agency.	1.1. Within 5 minutes after knowledge of end of track.

A2.33. PERFORM ALERTING ACTIONS (GO3A):

Constraint: If voice comm is not available, train/evaluate to level B.

Table A2.32. Perform Alerting Actions.

PERFORMANCE	STANDARD
1. Establish voice contact and pass POS/NEG voice report to C2 agency.	1.1. Within HHQ directed time constraints.

LEVEL B TASK CONSTRAINTS FOR 18 SPSS, 18 SPSS/DET 4

A2.34. SUBMIT UTILITY OUTAGE/INCIDENT REPORT (A09K):

Constraint: Hardcopy reporting for Precautionary and Final reports will be trained/evaluated post scenario.

=====

A2.35. PERFORM PREVENTIVE MAINTENANCE (B06):

Constraint: Voice Comm must be available.

Attachment 3

COMMAND AND CONTROL MISSION AREA

A3.1. The Command and Control mission area includes the master JPR matrix, two JPRLs with associated TEPS. The table below lists the title and table number for easy reference.

Table A3.1. Command and Control Mission Area Matrix.

Description	Table	Para
Command and Control JPR	A3.2.	
1 SPCS JPRL	A3.3.	
Level A TEPS		A3.2.
614SOPS SCCO JPRL	A3.15.	
Level A TEPS		A3.13.
21 SW/WOC JPRL	A3.22.	
Level A TEPS		A3.19.
Level B Task Constraints		A3.27.

Table A3.2. Command and Control JPR (1 SPCS/614SOPS SCCO/21 SW WOC).

A	T	S	DESCRIPTION	LVL	1	614 SCC O	21
			MISSION SUPPORT OPERATIONS				
A	01		Perform Crew Actions				
		A	Perform Crew Changeover/Shift Actions	C	x	x	x
		B	NOT USED				
		C	Log Operations Activities	C	x	x	x
		D	Update/Maintain Sensor Status Board	C		x	x
A	02		Operate Mission Equipment				
		A	Use Operational/Mission Consoles	C	x		x
		B	Use Voice Communications Equipment	C	x	x	x
		C	Use Printer/Peripheral Equipment	C	x		
		D	Use Automated Warning Capability	C		x	
		E	Use Subscriber Terminal	C		x	
A	03		Perform Contingency Procedures				
		A	Respond to Accident/Injury/Illness Notifications	A	x	x	x
		B	Respond to Severe Weather/Natural Disaster Notifications	C		x ^T	x ^T
A	04		Perform/Demonstrate OPSEC Procedures	C	x	x	x
A	5-7		FUTURE EXPANSION				
A	08		Use COMSEC Materials				
		A	Perform COMSEC Inventory	C	x	x ^T	x
		B	Destroy COMSEC Materials	C	x ^T	x ^T	x ^T
		C	Use Authenticator	C	x	x	x
		D	Use AKAC-222	C	x		
		E	NOT USED				
A	09		Perform Operational Reporting	B			x
		A	Determine/Report OPREP-3 Incidents	A	x		

		B	NOT USED				
		C	Submit SITREP	B	x		
		D	NOT USED				
		E	Perform White Pinnacle Actions	A	x		
		F	Identify OPSCAP Requirements	A	x		
		G	NOT USED				
		H	Submit Formatted Messages	B	x		
		I	Submit Space Warning and Attack Messages	A	x		
A	10		Perform Data Communications Actions				
		A	Perform Data Line Grounding/Restoral Actions	B		x	x
A	11		Perform Test Control Procedures				
		A	Perform SIM Media Procedures	B		x	x
A	12		NOT USED				
A	13		FUTURE EXPANSION				
A	14		Perform DELOG Procedures	C			x
A	15		Perform Message Processing				
		A	Perform DSP ELSET Update Procedure	B			x
		B	Perform J-2 Message Update Procedure	B		x	x
			STATUS MONITORING				
B	01		Perform EMI procedures				
		A	Respond to Sensor Site Interference Indications	B		x	x
		B	Respond to Solar/Geomagnetic Event Indications	B		x ^T	x
B	02		Perform Communication Failure Procedures				
		A	Respond to Voice Communication Failure	B		x	x
B	03		Perform Fault/Anomaly Resolution Procedures				
		A	Respond to Computer/Console Malfunctions	A/B		x (B)	x
		B-D	NOT USED				
B	4-5		FUTURE EXPANSION				

B	06		Perform Preventive Maintenance				
		A	Respond to Unit Maintenance Requests	B		x	x
		B	Perform MMS/Change Procedures	B		x	x
B	07		Perform Command and Control Change Actions				
		A	Perform SCC Level Change Actions	B	x		
		B	Respond to OC3F State/OPSCAP Change	B	x		
		C	Perform Handover/Ops Center Transfer Actions	B		x	x
		D	Perform Direct Tasking/Elset Change Actions	B	x		
B	08		NOT USED				
			MISSION PROCEDURES (ACTIVE C2)				
C	01		Perform Space Sensor Management				
		A	Respond to Space Sensor OPSCAP	B	x		
		B	Perform Sensor Recall	B	x		
		C	NOT USED				
		D	Perform Scheduling Procedures	B	x		
C	02		Perform Space Event Processing Procedures				
		A	Perform Maneuver Processing	B	x		
		B	Perform Solar/Geomagnetic Event Procedures	B	x		
		C	Perform Docking Procedures	B	x		
		D	NOT USED				
		E	Perform Multiple Headcount Procedures	B	x		
		F	Perform Reentry Procedures	A	x		
		G	Perform High Interest Tasking	B	x		
C	03		NOT USED				
C	04		Perform High Interest Catalog Maintenance				
		A	Perform Conjunction Analysis	A	x		
		B	Perform SCC Predictive Avoidance Procedures	B	x		
		C	Perform SPEPH Support Actions	B	x		
		D	Perform Vault Support	B	x		

		E	Accomplish NAOC Support Procedures	B	x		
		F	NOT USED				
C	05		Perform Space Threat Procedures				
		A	Perform Space Nuclear Detonation Procedures	B	x		
		B	Perform Anti-Satellite Launch Procedures	B	x		
		C	NOT USED				
		D	Perform Ground Attack/Sabotage Procedures	B	x		
		E	Perform Satellite Anomalous Event Procedures	B	x		
		F	Perform Space System EMI Processing	B	x		
		G	Perform Uncorrelated IR Procedures	B	x		
		H	Perform Space Order of Battle Update Procedures	B	x		
C	06		Perform Space Surveillance Command and Control				
		A	Perform Element Set Maintenance Procedures	C	x		
		B	Perform Satellite Update Procedures	C	x		
		C	Perform Decay Procedures	C	x		
		D	Perform Catalog Support Procedures	C	x		
		E	Perform Analsat Management Procedures	C	x		
		F-L	Deleted				
C	07		Perform Elset Product Procedures				
		A	Perform Sensor Tasking and Calibration Procedures	B	x		
		B	Perform EPOCHED Product Procedures	C	x		
		C	Perform Elset Transmission Procedures	C	x		
		D-H	DELETED				
C	08		Understand Space Control Principles				
		A	Orbital Analysis Principles		x		
		B	Space Control Organizations and Missions		x		
		C	Space Surveillance Network		x		
		D	Intelligence Means and Products		x		

		E	Missile Warning System Concepts		x		
		F	Blue Space Systems and Launch Sites		x		
		G	Foreign Space Systems and Launch Sites		x		
C	09		Perform Missile Warning Sensor Management				
		A	Respond to Unscheduled Radar Outage	A		x	x
		B	Respond to Unscheduled DSP Outage	A		x	x
C	10		Perform Launch Processing				
		A	Respond to Launch/Reentry Notification	B		x	x
		B	Perform Launch/Reentry Procedures	B		x	x
		C	Respond to POI Alert	B		x	
		D	Respond to Anchor Option Requests	B		x	
		E	Perform Pre-Planned Space Launch Procedures	B	x		
		F	Perform New Foreign Launch Processing	B	x		
		G	DELETED				
		H	Perform Launch Observation Processing Procedures	C	x		
		I	Perform Elset One Transmission Procedures	A	x		
		J	Perform Post Launch Procedures	C	x		
		K-O	DELETED				
C	11		Perform Submarine Approach/Withdrawal Procedures	B		x	x
C	12		Understand Integrated Missile Warning Fundamentals				
		A	ITW/AA Structure			x	x
		B	Command Relationships/Responsibilities			x	x
		C	Understand Ground Based MW Elements			x	x
		D	Understand Space Based MW Elements			x	x
			MISSION PROCEDURES (PASSIVE C2)				
D			NOT USED				
			EMERGENCY PROCEDURES				
E	01		Perform Fire/Overheat Procedures	A	x	x	x

E	02		Perform Security Procedures				
		A	Respond to Physical Security Violations	A/B	x	x (B)	x
		B	Respond to Bomb Threat	A	x	x	x
		C	Perform FPCON Change Actions	B	x	x ^T	x ^T
		D	DELETED				
		E	NOT USED				
		F	Respond to Information Operations Directives	B	x		x ^T
E	03		Perform Evacuation Procedures	A	x	x	x
			LERTCON PROCEDURES				
F	01		Perform LERTCON Action	B		x	x
		A	NOT USED				
		B	Perform LERTCON Actions	B	x		
		C	NOT USED				
F	2-3		NOT USED				

Table A3.3. Active Command and Control JPRL (1 SPCS).

A	T	S	DESCRIPTION	UNITS	L	MR SKILL LEVEL				
						F	S	S	O	S
R	A	U		NOT	E	C	C	P	A	S
E	S	B		A	V	M	A	C		A
A	K	T		F	E	D		O		
		A		F	L	R		/		
		S		E				S		
		K		C				C		
				T				T		
				E						
				D						
			MISSION SUPPORT OPERATIONS							
A	01		Perform Crew Actions							
		A	Perform Crew Changeover/Shift Actions		C	3c	3c	3c	3c	3c
		B	NOT USED							
		C	Log Operations Activities		C	3c	3c	3c	3c	3c
		D	NOT USED							
A	02		Operate Mission Equipment							
		A	Use Operational/Mission Consoles		C	3c ^T	3c ^T	3c _T	3c _T	3c _T
		B	Use Voice Communications Equipment		C	3c ^T	3c ^T	3c _T	3c _T	3c _T
		C	Use Printer/Peripheral Equipment		C	3c ^T	3c ^T	3c _T	3c _T	3c _T
		D-E	NOT USED							
A	03		Perform Contingency Procedures							
		A	Respond to Accident/Injury/Illness Notifications		A	3c	3c	3c	3c	3c
		B	NOT USED							
A	04		Perform/Demonstrate OPSEC Procedures		C	3c	3c	3c	3c	3c
A	5-7		FUTURE EXPANSION							

A	08		Perform COMSEC Procedures							
		A	Perform COMSEC Inventory		C	B		3c		
		B	Destroy COMSEC Materials		C	B		C		
		C	Use Authenticator		C	B		3c		
		D	Use AKAC-222		C	B		3c	3c	
		E	NOT USED							
A	09		Perform Operational Reporting							
		A	Determine/Report OPREP-3 Incident		A	3c		3c		
		B	NOT USED							
		C	Submit SITREP		B	3c		3c		
		D	NOT USED							
		E	Deleted							
		F	Identify OPSCAP Requirements		A	3c	3c	3c	3c	
		G	NOT USED							
		H	Submit Formatted Messages		B	B	3c			
		I	Submit Space Warning and Attack Messages		A	3c		3c		
A	10-15		NOT USED							
			STATUS MONITORING							
B	1-3		NOT USED							
B	4-5		FUTURE EXPANSION							
B	06		Perform Preventive Maintenance							
		A	NOT USED							
		B	NOT USED							
B	07		Perform Command and Control Change Actions							
		A	Perform SCC Level Change Actions		B	3c	3c	3c	3c	
		B	Respond to OCF3 State/OPSCAP Change		B	B		3c		
		C	NOT USED							

		D	Perform Direct Tasking/Elset Change Actions		B		3c	3c	3c	3c
B	08		NOT USED							
			MISSION PROCEDURES (ACTIVE C2)							
C	01		Perform Space Sensor Management							
		A	Respond to Sensor Space OPSCAP		B	B		3c	3c	
		B	Perform Sensor Recall		B	3c		3c	3c	
		C	NOT USED							
		D	Perform Scheduling Procedures		B			3c T		
C	02		Perform Space Event Processing Procedures							
		A	Perform Maneuver Processing		B	B			3c	
		B	Perform Solar/ Geomagnetic Event Procedures		B	3c		3c		
		C	Perform Docking Procedures		B	B			3c	
		D	NOT USED							
		E	Perform Multiple Headcount Procedures		B	B	B		3c	
		F	Perform Reentry Procedures		A	3c	B	3c	3c	
		G	Perform High Interest Tasking		B	3c	3c	3c	3c	
C	03		NOT USED							
C	04		Perform Customer Support							
		A	Perform Conjunction Analysis		A	B	3c			
		B	Perform SCC Predictive Avoidance Procedures		B	B	3c			
		C	Perform SPEPH Support Actions		B	B	3c			
		D	Perform Vault Support		B	B	3c			
		E	Accomplish NAOC Support Procedures		B	B	3c			
		F	Deleted							
C	05		Perform Space Threat Procedures							
		A	Perform Space Nuclear Detonation Procedures		B	3c	3c	3c	3c	
		B	Perform Anti-Satellite Procedures		B	3c	3c	3c	3c	
		C	NOT USED							

		D	Perform Ground Attack / Sabotage Procedures	B	3c	B	3c		
		E	Perform Satellite Anomalous Event Procedures	B	3c	3c	3c		
		F	Perform Space System EMI Processing	B	3c	B	3c		
		G	Perform Uncorrelated IR Procedures	B	B		3c	3c	
		H	Perform Space Order of Battle Update Procedures	C	B	3c	3c	3c	
C	06		Perform Space Catalog Maintenance						
		A	Perform Element Set Maintenance Procedures	C		3c		3c	3c
		B	Perform Satellite Update Procedures	C					3c
		C	Perform Decay Procedures	C					3c
		D	Perform Catalog Support Procedures	C					3c
		E	Perform Analsat Management Procedures	C					3c
		F-L	Deleted						
C	07		Perform Catalog Product Procedures						
		A	Perform Sensor Tasking and Calibration Procedures	B					3c
		B	Perform EPOCHED Product Procedures	C					3c
		C	Perform Elset Transmission Procedures	C					3c
		D-H	Deleted						
C	08		Understand Orbital Analysis Principles						
		A	Orbital Analysis Principles		B	C	B	C	C
		B	Space Control Organizations and Missions		C	C	C	C	C
		C	Space Surveillance Network		C	C	C	C	C
		D	Intelligence Means and Products		C	C	C	C	
		E	Missile Warning System Concepts		C	C	C	C	
		F	Blue Space Systems and Launch Sites		C	C	C	C	C
		G	Foreign Space Systems and Launch Sites		C	C	C	C	C
C	09		NOT USED						
C	10		Perform Launch Processing						
		A-D	NOT USED						
		E	Perform Pre-Planned Space Launch Procedures	B	3c	3c	3c	3c	

		F	Perform New Foreign Launch Processing		B	3c	3c	3c	3c	
		G	DELETED							
		H	Perform Launch Observation Processing Procedures		C				3c	
		I	Perform Elset One Transmission Procedures		A	B	B		3c	
		J	Perform Post Launch Procedures		C		3c		3c	
		K-O	DELETED							
C	11-12		NOT USED							
			MISSION PROCEDURES (PASSIVE C2)							
D			NOT USED							
			EMERGENCY PROCEDURES							
E	01		Perform Fire/Overheat Procedures		A	3c	3c	3c	3c	3c
E	02		Perform Security Procedures							
		A	Respond to Physical Security Violations		A	3c	3c	3c	3c	3c
		B	Respond to Bomb Threat		A	3c	3c	3c	3c	3c
		C	Perform FPCON Change Actions		B	3c	3c	3c	3c	3c
		D	Deleted							
		E	NOT USED							
		F	Respond to Information Operations Directives		C	3c	3c	3c	3c	
E	03		Perform Total Evacuation Procedures		A	3c	3c	3c	3c	3c
			LERTCON PROCEDURES							
F	01		Perform LERTCON Action							
		A	NOT USED							
		B	Perform LERTCON Actions		B	3c	3c	3c	3c	3c
F	2-3		NOT USED							

LEVEL A TEPS FOR 1 SPCS

A3.2. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):

Constraints:

1. Accidents and Life-threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart-failure).
2. Incident must occur within the SCC or alternate operations center. Otherwise evaluate to level B.
3. For non life-threatening injuries/illnesses, train/evaluate to level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A3.4. Respond To Accident/Injury/Illness.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, and request emergency assistance.	1.1. Within 10 minutes of receipt of indications.

A3.3. DETERMINE/REPORT OPREP-3 INCIDENTS (A09A):

Constraints:

1. If required voice communications are not available, train/evaluate performance 1 to level B.
2. Normal SPADOC communications will be available.
3. Reportable mission event occurs (i.e., Reportable Errant Pre-Planned Launch Achieves Orbit (C10H), Non-Reportable Errant Pre-Planned Launch Achieves Orbit (C10H), Confirmed Break-ups (C02E) and Reportable Reentry Assessment (C02F)). Otherwise evaluate to level B.
4. Reportable mission event OPREP-3 requires Command Director approval.

Table A3.5. Determine/Report OPREP-3 Incidents:

PERFORMANCE	STANDARD
1. Establish voice contact and identify requirements to pass initial verbal OPREP-3 to applicable agencies 2. Provide hardcopy to Command Director for approval.	1.1. Within 5 minutes after a Reportable Reentry Assessment or Confirmed Breakups. 1.2. Within 5 minutes of RCO declaring a domestic space launch errant and orbit is achieved. 1.3. Provide hard copy OPREP-3 to CD within 30 minutes of determining OPREP-3 reportability.

A3.4. IDENTIFY OPSCAP REQUIREMENTS (A09F):**Constraints:**

1. If required voice comm is not available, train/evaluate to level B.
2. If malfunction does not result in OPSCAP Red/Yellow, train/evaluate to level B.

Table A3.6. Identify OPSCAP Requirements.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of either receipt of indications or upon notification.

A3.5. SUBMIT SPACE WARNING AND ATTACK MESSAGES (A09I):**Constraints:**

1. Approval authority for the messages (listed in HHQ Instructions) must be available.
2. Normal SPADOC communications will be available.

Table A3.7. Submit Space Warning and Attack Messages.

PERFORMANCE	STANDARD
1. Transmit threat messages	1.1. Within the timeline provided by HHQ instructions

A3.6. PERFORM REENTRY PROCEDURES (C02F):**Constraints:**

1. Object must reenter. Otherwise evaluate to Level B.
2. Reentry conditions must be clearly recognizable.

Table A3.8. Perform Reentry Procedures.

PERFORMANCE	STANDARD
1. Brief Command Director (CD) of correlation assessment	1.1. Within 10 minutes of reentry indications

A3.7. PERFORM CONJUNCTION ANALYSIS (C04A):**Constraints:**

1. Must involve manned spaceflight. Otherwise, evaluate to level C.
2. Evaluate large box objects to level B.
3. One, and only one, one object must be in small box.
4. Contact with OSA must be available.
5. Must receive single vector only, correctly formatted with applicable data.

Table A3.9. Perform Conjunction Analysis.

PERFORMANCE	STANDARD
1.1 Initiate SPADOC processing of SP vector on manned spaceflight analsat.	1.1. Within 15 minutes of receipt of NASA vector.
1.2. Submit conjunction analysis information.	1.2. To OSA Flight Control within 10 minutes of SPADOC processing completion.

A3.8. PERFORM ELSET ONE TRANSMISSION PROCEDURES (C10I):**Constraints:**

1. Events requiring Elset One (Launches and Maneuvers) must be clearly recognizable.
2. Proper sensor track requirements must be met prior to Elset One processing.
3. Sufficient quality and quantity (IAW HHQ Instructions) of observations must be available. Otherwise, evaluate to Level B.
4. The number of pieces to catalog will be limited to two.
5. Launch events must be Historic New Foreign Launches or Nominal Cooperative Launches (C10E, C10F, C10H) with pieces matching expected profile IAW NFL Historic folders, OA Handbook or nominal PPLF. Otherwise, evaluate to Level B.
6. Maneuver event must be on an object that requires maneuver processing (i.e., foreign object of interest; C02A).

Table A3.10. Perform ELSET One Transmission Procedures.

PERFORMANCE	STANDARD
1. Transmit Elset One to the User/Space Sensor Network.	1.1. Within 30 minutes after sensor tracking requirements are met for a single payload launch or post maneuver sensor tracking requirements are met (IAW HHQ instructions) 1.2. Within 90 minutes after sensor tracking requirements are met for a multiple payload launch (IAW HHQ instructions)
2. Transmit Verified Maneuver Message	2.1. Within 30 minutes after Elset One is transmitted

A3.9. PERFORM FIRE/OVERHEAT PROCEDURES (E01):**Constraints:**

1. Fire indication must occur within the SCC.
2. Problem presentation must clearly identify location of fire/overheat condition.
3. Evaluator/instructor must provide status that crewmember's senses would detect but cannot be simulated.
4. Response agency will act as a knowledgeable agency and respond appropriately.
5. Required communications must be available.

Table A3.11. Perform Fire/Overheat Procedures.

PERFORMANCE	STANDARD
1.1. Obtain information, notify primary fire agency, request assistance, direct appropriate evacuation and brief location.	1.1. Within 10 minutes of initial indications of a controllable fire.
1.2. Direct/Electrically isolate affected equipment.	1.2. Within 2 minutes from initial indications.
1.3. Simulate application of fire extinguisher.	1.3. Within 2 minutes of last isolation action or receipt of indications if no isolation action required.

A3.10. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):**Constraints:**

1. Physical Security violations must be clearly recognizable.
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).

3. Security forces will act as a knowledgeable agency and declare a HH/CW or Unit equivalent as appropriate.
4. Required communications must be available.

Table A3.12. Respond To Physical Security Violations.

PERFORMANCE	STANDARD
1. Notify primary security agency and make notifications (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A3.11. RESPOND TO BOMB THREAT (E02B):

Constraints:

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present bomb threat against non-mission operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A3.13. Respond To Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct appropriate evacuation; make/direct Ops Loop announcement and site notifications to search and secure work areas.	1.1. Within 10 minutes of time indications received.

A3.12. PERFORM TOTAL EVACUATION PROCEDURES (E03):

Constraints:

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb found/exploded, severe structural damage, toxic fumes present).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communications must be available.
4. Evaluate Operations Center Reconstitution Procedures to Level B.

Table A3.14. Perform Total Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation, make/direct Ops Loop announcement/site notifications, and evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.

Table A3.15. 614SOPS SCCO JPRL.

						MR SKIL L LEV- ELS
A R E A	T A S K	S U B T A S K	DESCRIPTION	UNITS NOT AFFECTED	L E V E L	S C C O
			MISSION SUPPORT OPERATIONS			
A	01		Perform Crew Actions			
		A	Perform Crew Changeover/Shift Actions		C	3c
		B	NOT USED			
		C	Log Operations Activities		C	3c
		D	Update/Maintain Sensor Status Board		C	3c
A	02		Operate Mission Equipment			
		A	NOT USED			
		B	Use Voice Communications Equipment		C	3c
		C	NOT USED			
		D	Use Automated Warning Capability		C	3c
		E	Use Subscriber Terminal		C	3c
A	03		Perform Contingency Procedures			
		A	Respond to Accident/Injury/Illness Notifications		A	3c

		B	Respond to Severe WX/Natural Disaster Notifications		C	3c ^T
A	04		Perform/Demonstrate OPSEC Procedures		C	3c
A	5-7		FUTURE EXPANSION			
A	08		Use COMSEC Materials			
		A	Perform COMSEC Inventory		C	3c ^T
		B	Destroy COMSEC Materials		C	3c ^T
		C	Use Authenticator		C	3c
		D	NOT USED			
A	09		NOT USED			
A	10		Perform Data Communications Actions			
		A	Perform Sensor Data Line Grounding/Restoral Actions		B	3c
A	11		Perform Test Control Procedures			
		A	Perform SIM Media Procedures		B	3c
A	12		NOT USED			
A	13		FUTURE EXPANSION			
A	14		DELETED		C	3c
A	15		Perform Message Processing			
		A	DELETED		B	3c
		B	Perform J-2 Message Update Procedure		B	3c
			STATUS MONITORING			
B	01		Perform EMI Procedures			
		A	Respond to Sensor Site Interface Indications		B	3c
		B	Respond to Solar/Geomagnetic Event Indications		B	3c ^T
B	02		Perform Communications Failure Procedures			
		A	Respond to Voice Communications Failure		B	3c
B	03		Perform Fault/Anomaly Resolution Procedures			
		A	Respond to Computer/Console Malfunctions		B	3c
B	4-5		FUTURE EXPANSION			

B	06		Perform Preventive Maintenance Procedures			
		A	Respond to Unit Maintenance Request		B	3c
		B	Perform MMS/Change Procedures		B	3c
B	07		Perform Command & Control Change Actions			
		A-B	NOT USED			
		C	Perform Handover/Ops Center Transfer Actions		B	3c
			MISSION PROCEDURES (ACTIVE C2)			
C	1-8		NOT USED			
C	09		Perform Missile Warning Sensor Management			
		A	Respond to Unscheduled Radar Outage		A	3c
		B	Respond to Unscheduled DSP Outage		A	3c
C	10		Perform Launch Procedures			
		A	Respond to Launch/Reentry Notification		B	3c
		B	Perform Launch/Reentry Procedures		B	3c
		C	Respond to POI Alert		B	3c
		D	Respond to Anchor Option Requests		B	3c
		E-O	NOT USED			
C	11		Perform Submarine Approach/Withdrawal Procedures		B	3c
C	12		Understand Integrated Missile Warning Fundamentals			
		A	ITW/AA Structure			C
		B	Command Relationships/Responsibilities			C
		C	Understand Ground Based MW Elements			C
		D	Understand Space Based MW Elements			C
			MISSION PROCEDURES (PASSIVE C2)			
D			NOT USED			
			EMERGENCY PROCEDURES			
E	01		Perform Fire/Overheat Procedures		A	3c
E	02		Perform Security Procedures			

		A	Respond to Physical Security Violations		B	3c
		B	Respond to Bomb Threat		A	3c
		C	Perform FPCON Change Actions			C
		D-F	NOT USED			
E	03		Perform Evacuation Procedures		A	3c
			LERTCON PROCEDURES			
F	01		Perform LERTCON Action		B	3c
		A-C	NOT USED			

LEVEL A TEPS FOR ACTIVE COMMAND AND CONTROL (614SOPS)

A3.13. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):

Constraints:

1. Accidents and Life-threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart-failure).
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
3. For non life-threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A3.16. Respond To Accident/Injury/Illness.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, and request emergency assistance.	1.1. Within 10 minutes of receipt of indications.

A3.14. RESPOND TO UNSCHEDULED RADAR OUTAGE (C09A):

Constraints:

1. Required communications must be available, otherwise train/evaluate to Level B.
2. Required computer assets must be available.

Table A3.17. Respond to Unscheduled Radar Outage.

PERFORMANCE	STANDARD
1. Obtain information, determine SYSCAP, determine warning time change and coverage, and make notifications.	1.1. Within 10 minutes of receipt of initial indications.

A3.15. RESPOND TO UNSCHEDULED DSP OUTAGE (C09B)

Constraints:

1. Required communications must be available, otherwise train/evaluate to Level B.
2. Required computer assets must be available.

Table A3.18. Respond to Unscheduled DSP Outage.

PERFORMANCE	STANDARD
1. Obtain information, determine SYSCAP, determine warning time change and coverage, and make notifications.	1.1. Within 10 minutes of receipt of initial indications.

A3.16. PERFORM FIRE/OVERHEAT PROCEDURES (E01):**Constraints:**

1. Uncontrollable fires and fires that endanger human life must be clearly recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc).
2. Fire indication must occur within an area that would affect the mission (e.g., ops room, battlestaff, adjacent office areas).
3. Problem presentation must clearly identify location of fire/overheat condition.
4. Evaluator/instructor must provide status that crewmember's senses would detect but cannot be simulated.
5. Response agency will act as a knowledgeable agency and respond appropriately.
6. Required communications must be available.

Table A3.19. Perform Fire/Overheat Procedures.

PERFORMANCE	STANDARD
1.1 Obtain information, notify primary fire agency , request assistance, direct appropriate evacuation and brief location.	1.1. Within 10 minutes of initial indications of a controllable fire.
1.2. Direct/Electrically isolate affected equipment.	1.2. Within 2 minutes from initial indications.
1.3. Simulate application of fire extinguisher.	1.3. Within 2 minutes of last isolation action or receipt of indications if no isolation action required.

A3.17. RESPOND TO BOMB THREAT (E02B):**Constraints:**

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present bomb threat against non-mission operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.

5. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A3.20. Respond To Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement and site notifications to search and secure work areas.	1.1. Within 10 minutes of time indications received.

A3.18. PERFORM EVACUATION PROCEDURES (E03):

Constraints:

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb found/exploded, severe structural damage, toxic fumes present).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communications must be available.

Table A3.21. Perform Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation, make/direct PA announcement/site notifications, and evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.

Table A3.22. 21 SW/WOC JPRL.

						MR SKILL LEV- ELS
A R E A	T A S K	S U B T A S K	DESCRIPTION	UNITS NOT AFFECTED	L E V E L	CMDR/ CCH
			MISSION SUPPORT OPERATIONS			
A	01		Perform Crew Actions			
		A	Perform Crew Changeover/Shift Actions		C	3c
		B	NOT USED			
		C	Log Operations Activities		C	3c
		D	Update/Maintain Sensor Status Board		C	3c
A	02		Operate Mission Equipment			
		A	Use Operational/Mission Consoles		C	3c
		B	Use Voice Communications Equipment		C	3c
		C-E	NOT USED			
A	03		Perform Contingency Procedures			
		A	Respond to Accident/Injury/Illness Notifications		A	3c
		B	Respond to Severe WX/Natural Disaster Notifications			C
A	04		Perform/Demonstrate OPSEC Procedures		C	3c
A	5-7		FUTURE EXPANSION			

A	08		Perform COMSEC Procedures			
		A	Perform COMSEC Inventory		C	3c
		B	Destroy COMSEC Materials			C
		C	Use Authenticator		C	3c
		D	NOT USED			
A	09		Perform Operational Reporting		B	3c
		A-I	NOT USED			
A	10		Perform Data Communications Actions			
		A	Perform Sensor Data Line Grounding/Restoral Actions		B	3c
A	11		Perform Test Control Procedures			
		A	Perform SIM Media Procedures		B	3c
A	12		NOT USED			
A	13		FUTURE EXPANSION			
A	14		Perform DELOG Procedures		C	3c
A	15		Perform Message Processing			
		A	Perform DSP ELSET Update Procedure		B	3c
		B	Perform J-2 Message Update Procedure		B	3c
			STATUS MONITORING			
B	01		Perform EMI Procedures			
		A	Respond to Sensor Site Interference Indications		B	3c
		B	Respond to Solar/Geomagnetic Event Indications		B	3c
B	02		Perform Communications Failure Procedures			
		A	Respond to Voice Communications Failure		B	3c
B	03		Perform Fault/Anomaly Resolution Procedures			
		A	Respond to Computer/Console Malfunctions		A	3c
B	4-5		FUTURE EXPANSION			
B	06		Perform Preventive Maintenance Procedures			

		A	Respond to Unit Maintenance Requests		B	3c
		B	Perform MMS/Change Procedures		B	3c
B	07		Perform Command & Control Change Actions			
		A-B	NOT USED			
		C	Perform Handover/Ops Center Transfer Actions		B	3c
			MISSION PROCEDURES (ACTIVE C2)			
C	1-8		NOT USED			
C	09		Perform Missile Warning Sensor Management			
		A	Respond to Unscheduled Radar Outage		A	3c
		B	Respond to Unscheduled DSP Outage		A	3c
C	10		Perform Launch Procedures			
		A	Respond to Launch/Reentry Notification		B	3c
		B	Perform Launch/Reentry Procedures		B	3c
		C-O	NOT USED			
C	11		Perform Submarine Approach/Withdrawal Procedures		B	3c
C	12		Understand Integrated Missile Warning Fundamentals			
		A	ITW/AA Structure			C
		B	Command Relationships/Responsibilities			C
		C	Understand Ground Based MW Elements			C
		D	Understand Space Based MW Elements			C
			MISSION PROCEDURES (PASSIVE C2)			
D			NOT USED			
			EMERGENCY PROCEDURES			
E	01		Perform Fire/Overheat Procedures		A	3c
E	02		Perform Security Procedures			
		A	Respond to Physical Security Violations		A	3c
		B	Respond to Bomb Threat		A	3c
		C	Perform FPCON Change Actions			C

		D	DELETED			
		E	NOT USED			
		F	Respond to Information Operations Directives			C
E	03		Perform Total Evacuation Procedures		A	3c
			LERTCON PROCEDURES			
F	01		Perform LERTCON Action		B	3c
		A-C	NOT USED			

LEVEL A TEPS FOR ACTIVE COMMAND AND CONTROL (21 SW WOC)**A3.19. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A): Constraints:**

1. Accidents and Life-threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart-failure).
2. Incident must occur within any area that would affect the mission (i.e, Ops Room).
3. For non life-threatening injuries/illnesses, train/evaluate to level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A3.23. Respond To Accident/Injury/Illness.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, and request emergency assistance.	1.1. Within 10 minutes of receipt of indications.

A3.20. RESPOND TO COMPUTER/CONSOLE MALFUNCTIONS (B03A):**Constraints:**

1. If required voice comm is not available, train/evaluate to level B.
2. If malfunction does not cause OPSCAP Red/Yellow, train/evaluate to level B.

Table A3.24. Respond to Computer/Console Malfunctions.

PERFORMANCE	STANDARD
1. Direct corrective actions/maintenance.	1.1. Within 2 minutes of receipt of indications.

A3.21. RESPOND TO UNSCHEDULED RADAR OUTAGE (C09A):**Constraints:**

1. Required communications must be available, otherwise train/evaluate to Level B.
2. Required computer assets must be available.

Table A3.25. Respond to Unscheduled Radar Outage.

PERFORMANCE	STANDARD
1. Obtain information, determine SYSCAP determine warning time change and coverage, and make notifications.	1.1. Within 10 minutes of receipt of initial indications.

A3.22. RESPOND TO UNSCHEDULED DSP OUTAGE (C09B):

Constraints:

1. Required communications must be available, otherwise train/evaluate to Level B.
2. Required computer assets must be available.

Table A3.26. Respond to Unscheduled DSP Outage.

PERFORMANCE	STANDARD
1. Obtain information, determine SYSCAP determine warning time change and coverage, and make notifications.	1.1. Within 10 minutes of receipt of initial indications.

A3.23. PERFORM FIRE/OVERHEAT PROCEDURES (E01):**Constraints:**

1. Uncontrollable fires and fires that endanger human life must be clearly recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.)
2. Fire indication must occur within an area that would affect the mission (i.e. Ops room, Battle Staff, office area).
3. Problem presentation must clearly identify location of fire/overheat condition.
4. Evaluator/instructor must provide status that crewmember's senses would detect but cannot be simulated.
5. Response agency will act as a knowledgeable agency and respond appropriately.
6. Required communications must be available.

Table A3.27. Perform Fire/Overheat Procedures.

PERFORMANCE	STANDARD
1.1 Direct fire containment (if applicable), Notify primary fire agency , request assistance, direct appropriate evacuation and brief location.	1.1. Within 10 minutes of initial indications of a controllable fire.
1.2. Direct/Electrically isolate affected equipment.	1.2. Within 2 minutes from initial indications.
1.3. Simulate application of fire extinguisher.	1.3. Within 2 minutes of last isolation action or receipt of indications if no isolation action required.

A3.24. RESPOND TO PHYSICAL SECURITY VIOLATION (E02A):**Constraints:**

1. Physical Security violations must be clearly recognizable.
2. Incident must occur within any area that would affect the mission (i.e. Ops room, Battle Staff, office area).
3. Security forces will act as a knowledgeable agency and respond appropriately (i.e. Declare HH/CW as appropriate).
4. Required communications must be available.

Table A3.28. Respond To Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency. Notify all personnel in WOC, Battle Staff, and office area.	1.1. Within 10 minutes of initial indications of a security incident.

A3.25. RESPOND TO BOMB THREAT (E02B):

Constraints:

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present bomb threat against non-mission operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A3.29. Respond To Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement and site notifications to search and secure work areas.	1.1. Within 10 minutes of time indications received.

A3.26. PERFORM EVACUATION PROCEDURES (E03):

Constraints:

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb found/exploded, severe structural damage placing personnel safety in jeopardy, toxic fumes present, etc).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communications must be available.

Table A3.30. Perform Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation, make/direct PA announcement/site notifications, and evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.

LEVEL B TASK CONSTRAINTS FOR SENSOR MANAGEMENT COMMAND AND CONTROL (21 SW/WOC & 614 SOPS SCCO)

A3.27. PERFORM SIM MEDIA PROCEDURES (A11A):

Constraints: Required communications must be available.

=====

A3.28. RESPOND TO SENSOR SITE INTERFERENCE INDICATIONS (B01A):

Constraints:

1. Required communications must be available.
 2. Required computer assets must be available.
- =====

A3.29. RESPOND TO SOLAR/GEOMAGNETIC EVENT INDICATIONS (B01B):

Constraints: Required communications must be available.

=====

A3.30. RESPOND TO VOICE COMMUNICATION FAILURE (B02A):

Constraints:

1. If required voice comm is not available, train/evaluate to level C.
 2. For voice comm not causing OPSCAP Red/Yellow, train/evaluate to level C.
- =====

A3.31. RESPOND TO UNIT MAINTENANCE REQUESTS (B06A):

Constraints:

1. Required communications must be available.
 2. Required computer assets must be available.
- =====

A3.32. PERFORM MMS CHANGE PROCEDURES (B06B):

Constraints:

1. Required communications must be available.
2. Required computer assets must be available.

=====

A3.33. PERFORM HANDOVER/OPERATIONS CENTER TRANSFER ACTIONS (B07C):

Constraints:

1. Required communications must be available.
2. Required computer assets must be available.

=====

Attachment 4

SPACELIFT MISSION AREA

A4.1. The Spacelift mission area includes the master JPR matrix, four system JPRLs with associated TEPS. The table below lists the title and table for easy reference.

Table A4.1. Spacelift Mission Area Matrix.

Description	Table	Para
Spacelift JPR	A4.2.	
Space Launch JPRL	A4.3.	
Level A TEPS		A4.2.
Level B Task Constraints		A4.10.
Range Operations JPRL	A4.12.	
Level A TEPS		A4.13.
Level B Task Constraints		A4.25.
Safety Operations JPRL	A4.25.	
Level A TEPS		A4.27.
Level B Task Constraints		A4.38.
SCMDR/OD JPRL	A4.37.	
Level A TEPS		A4.40.
Level B Task Constraints		A4.46.

Table A4.2. Spacelift JPR. (30 SW/45 SW).

				x = both; y = 30; z = 45			
A	T	S	DESCRIPTION	LVL	SLS	RG	FCO
			MISSION SUPPORT PROCEDURES				
A	01		Perform Crew Actions ⁽²⁾				
		A	Perform Crew Changeover/Shift Actions	C	x	z	
		B	Perform On-Station Actions	C	y	y	y
		C	Log Operational Activities	C	x	x	x
A	02		Operate Mission Equipment				
		A	Use Operational/Mission Consoles	C/B	x	x	x (B)
		B	Use Voice Communications Equipment	C	x	x	x
A	03		Perform Contingency Procedures				
		A	Respond to Accident/Injury/Illness Notification	A/B	x	x	x
		B	Respond to Severe Weather/Natural Disaster Notifications	A/B	x	x	x
		C	Perform Toxic Hazard Procedures	A/B	y	y	y
A	04		NOT USED				
A	5-7		FUTURE EXPANSION				
A	08		Identify Launch/Mission Documentation		x	x	x
			STATUS MONITORING				
B	01		NOT USED				
B	02		Perform Communication Failure Procedures	B	x	x	x
B	03		Perform Fault/Anomaly Resolution Procedures				
		A	Respond to Console/Display Malfunctions	B	x	x	x
		B	Perform Problem/Failure Resolution Procedures	B	x	x	x
		C	NOT USED				
		D	Perform/Request Waiver Actions	B	x	x	x
B	4-5		FUTURE EXPANSION				
			LAUNCH OPERATIONS				

C	01		Identify Booster Systems				
		A	Identify First Stage Systems		x		
		B	Identify Second Stage Systems		x ¹		
		C	Identify Solid Rocket Motors		x		
		D	Identify Payload Support Systems		x		
		E	Identify GSE/AGE		x		
		F	NOT USED				
		G	Identify Upper Stage Systems		x		
C	02		Identify Launch Facilities				
		A	Identify Control Center Locations/Functions		x		
		B	Identify Space Launch Complexes		x		
		C	Identify Support Facilities		x		
C	03		Perform Instrumentation Checks				
		A	Perform Lift-off Circuit/First Motion Check	B	y		
		B	Perform Status & Alert Light System/Hold Fire Check	B	y ¹		
			RANGE OPERATIONS				
C	01		Understand Range Fundamentals				
		A	Identify Mission and Organization			x	
		B	Know Lead and Support Range Responsibilities			x	
		C	Know Range Geography and Layout/Assets			x	
		D	Know Range Operations Control Center Layout			x	
		E	NOT USED				
		F	Know Range Scheduling Resources			x	
		G-H	NOT USED				
		I	Know Range Resources for Various Programs			x	
C	02		Perform Aerospace Monitor/Control Procedures				
		A	Perform Area Control Center Supervision	B		y	
		B	Perform Airspace Operations	A/B		x	
		C	Perform Laser Operations	A		z	

		D	Perform Wildlife Hazards	B		y	
		E	Perform Land Clearance	B		y	
		F	Perform Sea Clearance	B		y	
		G	Perform Aircraft Operations	B		y	
		H	Perform Fouled Range Actions	B		z	
C	03		Perform Instrumentation Checks				
		A	Perform Radar Operations	B		y	
		B	Perform Telemetry Operations	B		y	
		C	Perform Flight Termination System, Operations	B		x	
		D	Perform Optic Operations	C		y	
		E	Perform Data Center/Naval Data Flow Operations	B		y	
		F	Perform Photo Operations	C		y	
		G	Perform Power/HVAC Operations	C		y	
		H	Perform Lift-off Circuit/First Motion Check	B		y	
		I	Perform Status & Alert Light System/Hold Fire Check	B		x	
		J	Perform Airborne Power Go/No-Go Checks	B		y	
C	04		Perform Aircraft Emergency Procedures	A		x	
C	05		Perform Joint Range Procedures				
		A	Perform Instrumentation Supervision	B		y	
		B	Perform Area Clearance Supervision	B		y	
		C	Perform Safety Monitoring Actions	B		y	
		D	Perform Support Range Supervision	B		y	
		E	Perform WRCC Security Actions	B		y	
		F	Perform Range Clear to Launch	B		x	
			SAFETY OPERATIONS				
C	01		Understand Safety Fundamentals				
		A	Identify Launch Vehicles				x
		B	Describe Telemetry Systems				x
		C	Describe Tracking Systems				x

		D	Describe Airborne Range Safety Systems				x
		E	Know Range Geography/ Layout/ Resources/ Responsibilities				x
		F	Identify EWR 127-1 Section Requirements				x
C	02		Perform Surveillance Control Procedures	B			x
C	03		Perform Flight Control Procedures				
		A	Perform Vehicle Performance Assessment/Flight Narration	B			x
		B	Perform Flight Termination Actions	A			x
		C	Perform C2 Contingencies	A			x
			INTEGRATED LAUNCH OPERATIONS				
D	01		Understand Integrated Launch Fundamentals				
		A	Identify Roles, Missions and Responsibilities		x	x	x
		B	Identify Operations Process Flow		x	x	x
D	02		Submit Operational Reports				
		A	Prepare/Submit Nominal Launch Report	B		x	
		B	Prepare/Submit Launch Scrub Report	B		x	
		C	Prepare/Submit Non-nominal & Errant Missile Report	B		x	
		D	Prepare/Submit LCU Net Reporting	B/C		x	
		E	NOT USED				
D	03		Identify Constraints				
		A	Identify Safety/LDA Constraints		x	x	x
		B	Identify Launch Agency/User Constraints		x	x	x
D	04		Identify Generation Phase Activities				
		A	Identify Pre-Launch Tests				x
		B	Identify Operational Requirements/Configuration			x	
		C	Identify Procedural Review/Update Actions		x	x	
D	05		Perform Execution Phase Activities				
		A	Perform Countdown Procedures	B	x	x	x
		B	Perform Contingency Countdown (Hold/Recycle/Abort)	A/B	x	x	x

		C	Perform Launch Window Management	B	x	x	x
D	06		Perform Recovery Phase Activities				
		A	Perform Reconfiguration/Release Actions	C		y	
		B	Describe Post Operation Actions		x	x	
D	07		Perform Anomalous Flight Activities				
		A	Perform Non-Nominal/Post Destruct Actions	A/B	x (B)	x	x
		B	Perform Errant Missile Actions	A/B		x	x
		C	NOT USED				
D	08		Perform Space Shuttle Actions	B		z	
			EMERGENCY PROCEDURES				
E	01		Perform Fire/Overheat Procedures	A	x	x	x
E	02		Perform Security Procedures				
		A	Respond to Physical Security Violations	A/B	x	x	x
		B	Respond to Bomb Threat	A/B	x	x	x
		C	Perform FPCON Change Actions	B	x	x	x
		D	DELETED				
E	03		Perform Evacuation Procedures	A	x	x	x
¹ = Atlas not affected (2) =A01 A: Required only if excessive time on console drives need for changeover							

Table A4.3. Space Launch JPRL (1/2/3 SLS).

				MR SKILL LEVELS			
A	T	S	DESCRIPTION	UNITS NOT AFFECTED	L	A	D/
R	A	U			E	F	A
E	S	B		V	L	F	
A	K	T		E	D	L	C
		K		L			
			MISSION SUPPORT PROCEDURES				
A	01		Perform Crew Actions				
		A	Perform Crew Changeover/Shift Actions		C	3b	3b
		B	Perform On-Station Actions	45 SW	C	3b	3b
		C	Log Operational Activities		C	3b	3b
A	02		Operate Mission equipment				
		A	Use Operational/Mission Consoles		C	3b	3b
		B	Use Voice Communications Equipment		C	3b	3b
A	03		Perform Contingency Procedures				
		A	Respond to Accident/Injury/Illness Notification		A/B	3b	3b
		B	Respond to Severe Weather/Natural Disaster Notifications		A/B	3b	3b
		C	Perform Toxic Hazard Procedures	45 SW	A/B	3b	3b
A	04		NOT USED				
A	5-7		FUTURE EXPANSION				
A	08		Identify Launch/Mission Documentation			B ^T	B ^T
			STATUS MONITORING				
B	01		NOT USED				
B	02		Perform Communication Failure Procedures		B	3b	3b
B	03		Perform Fault/Anomaly Resolution Procedures				
		A	Respond to Console/Display Malfunctions		B	3b	3b

		B	Perform Problem/Failure Resolution Procedures		B	3b	3b
		C	NOT USED				
		D	Perform/Request Waiver Actions		B	3b	3b
B	4-5		FUTURE EXPANSION				
			LAUNCH OPERATIONS				
C	01		Identify Booster Systems				
		A	Identify First Stage Systems			B ^T	B ^T
		B	Identify Second Stage Systems	(Atlas)		B ^T	B ^T
		C	Identify Solid Rocket Motors			B ^T	B ^T
		D	Identify Payload Support Systems			B ^T	B ^T
		E	Identify GSE/AGE ¹			B ^T	B ^T
		F	NOT USED				
		G	Identify Upper Stage Systems	30 SW (Titan)		B ^T	B ^T
C	02		Identify Launch Facilities				
		A	Identify Control Center Locations/Functions			B ^T	B ^T
		B	Identify Space Launch Complexes			B ^T	B ^T
		C	Identify Support Facilities			B ^T	B ^T
C	03		Perform Instrumentation Checks				
		A	Perform Lift-off Circuit/First Motion Check	45, 30 SW (Atlas)	B		3b
		B	Perform Status & Alert Light System/Hold Fire Check	45, 30 SW (Atlas)	B		3b
			INTEGRATED LAUNCH OPERATIONS				
D	01		Understand Integrated Launch Fundamentals				
		A	Identify Roles, Missions and Responsibilities			B ^T	B ^T
		B	Identify Operations Process Flow			B ^T	B ^T
D	02		Submit Operational Reports				
		A-D	NOT USED				

		E	DELETED				
D	03		Identify Constraints				
		A	Identify Safety/LDA Constraints			B ^T	B ^T
		B	Identify Launch Agency/User Constraints			B ^T	B ^T
D	04		Identify Generation Phase Activities				
		A	NOT USED				
		B	DELETED				
		C	Identify Procedural Review/Update Actions			B ^T	B ^T
D	05		Perform Execution Phase Activities				
		A	Perform Countdown Procedures		B	3b	3b
		B	Perform Contingency Countdown (Hold/Recycle/Abort)		A/B	3b ⁴	3b ⁴
		C	Perform Launch Window Management		B	3b	3b
D	06		Perform Recovery Phase Activities				
		A	NOT USED				
		B	Describe Post Operation Actions			B ^T	B ^T
D	07		Perform Anomalous Flight Activities				
		A	Perform Non-Nominal/Post-Destruct Actions		B	3b	3b
		B	NOT USED				
		C	DELETED				
D	08		NOT USED				
			EMERGENCY PROCEDURES				
E	01		Perform Fire/Overheat Procedures		A	3b	3b
E	02		Perform Security Procedures				
		A	Respond to Physical Security Violations		A/B	3b	3b
		B	Respond to Bomb Threat		A/B	3b	3b
		C	Perform FPCON Change Actions		B	3b	3b
		D	DELETED				

E	03		Perform Evacuation Procedures		A	3b	3b
^T = Train Only Tasks 4 = 45 th SW Train/Knowledge Only ¹ = Delta not affected							

LEVEL A TEPS FOR SPACE LAUNCH (1/2/3 SLS)

A4.2. RESPOND TO ACCIDENT/INJURY/ILLNESS (A03A):

Constraints:

1. Accidents and life-threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart-failure, severe nausea, etc.).
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
3. For non life-threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.
7. Required communications must be available.

Table A4.4. Respond To Accident/Injury/Illness.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, notify primary medical agency, brief location and direct safing operations as needed.	1.1. Within 10 minutes of receipt of indications.

A4.3. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):

Constraints:

1. Input must occur within evaluatee/trainee scope of responsibility.
2. Type and severity of presented conditions must be clearly recognizable (“you feel an earthquake, thunderstorms within 10 NM.”).
3. If not life-threatening and/or equipment damaging, train/evaluate to Level B.
4. Required communications must be available.

Table A4.5. Respond To Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, direct evacuation as applicable, make notifications, and direct/coordinate equipment configuration as required.	1.1. Within 10 minutes of receipt of indications.

A4.4. PERFORM TOXIC HAZARD PROCEDURES (A03C):

Constraints:

1. Toxic Hazard situations involving injury must train/evaluate Level A concurrently.

2. Ensure input is relevant to the task being evaluated (i.e. If a Titan pad experiences a toxic hazard that ordinarily would not affect the Delta pad, do not evaluate the Delta crewmember with such an input).
3. Ensure input only asks for the evaluatee/trainee to make evacuation assessments from the plotted hazard corridor.
4. Indications must be given of sufficient toxic propellant release, as defined by Wing Safety, to warrant emergency actions.
5. Required communications must be available.
6. For D/AFLD, evaluate to level B.

Table A4.6. Perform Toxic Hazard Procedures:

PERFORMANCE	STANDARD
1. Obtain information, direct clearance of the affected area by applicable means (i.e. PA); determine proper fan house configuration, direct LOB to 100% recirculation as appropriate.	1.1. Within 10 minutes of receiving initial indications of Toxic Hazard.

A4.5. PERFORM CONTINGENCY COUNTDOWN (Hold/Recycle/Abort) (D05B):

Constraints:

1. If presented prior to Terminal Count, train/evaluate to Level B. Terminal Count is defined as the point that a hold may be called and a recycle action may be required (not applicable to space shuttle or Navy operations).
2. During the terminal count, the constraint violation requiring a hold must be clearly recognizable (loss of a mandatory item, redline measurement violation, etc.).
3. Do not present a Hold/Recycle event after T-30 to T-0 seconds in eval scenario.
4. Do not present a hold/recycle event that could drive multiple outcomes.
5. The LC/LD are only required to recognize and call emergency holds on constraints which they are specifically listed as the “hold authority” for, according to mission-specific Launch Constraints Document and/or Countdown Manuals.
6. Required communications must be available.

Table A4.7. Perform Contingency Countdown (Hold/Recycle/Abort).

PERFORMANCE	STANDARD
1. Initiate a hold for the count.	1.1. Within 30 seconds after stimuli presentation.
2. Direct proper recycle (as applicable).	2.1. Within 1 minute of the hold/abort.
3. (30 SW only) If within commit sequence, initiate a hold for the count and direct proper recycle (as applicable).	3.1. Within 30 seconds after stimuli presentation and commit sequence have been initiated.

A4.6. RESPOND TO FIRE/OVERHEAT INDICATIONS (E01):**Constraints:**

1. Fire/Overheat situations involving injury must train/evaluate Level A concurrently.
2. Uncontrollable fires and fires that endanger human life must be clearly recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.).
3. Fire must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
4. Problem presentation must clearly identify location of fire/overheat condition.
5. Evaluator/instructor must provide status that evaluatee/trainee senses would detect but cannot be simulated.
6. Response agency will act as a knowledgeable agency and respond appropriately.
7. Required communications must be available.

Table A4.8. Respond To Fire/Overheat Indications.

PERFORMANCE	STANDARD
1.1 Obtain information, direct fire containment (if applicable).	1.1. Within 2 minutes of initial indication.
1.2 Notify primary fire agency, brief location, direct appropriate evacuation and make/direct PA announcement.	1.2. Within 10 minutes of initial indications of a controllable fire.

A4.7. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):**Constraints:**

1. Physical Security violations must be clearly recognizable.
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
3. Security forces will act as a knowledgeable agency and declare a HH/CW as appropriate.

4. Required communications must be available.

Table A4.9. Respond To Physical Security Violations.

PERFORMANCE	STANDARD
1. Obtain information, notify primary security agency, make PA announcement (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A4.8. RESPOND TO BOMB THREAT (E02B):

Constraints:

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present bomb threat against non-mission operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.
6. Provide contractor evacuation intent immediately upon request.

Table A4.10. Respond To Bomb Threat.

PERFORMANCE	STANDARD
1. Obtain information, notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement, if required, and initiate search and secure work areas.	1.1. Within 10 minutes of time indications received.

A4.9. PERFORM EVACUATION PROCEDURES (E03):

Constraints:

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb/suspicious object found, severe structural damage placing personnel safety in jeopardy, etc.).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communications must be available.

Table A4.11. Perform Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation. Direct system safing, if required. Make/direct PA announcement, if required. Evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.

LEVEL B TASK CONSTRAINTS FOR SPACE LAUNCH (1/2/3 SLS)

A4.10. PERFORM LAUNCH WINDOW MANAGEMENT (D05C):

Constraints:

1. Do not present additional inputs while the crewmember is recalculating new T-0.
2. Ensure that adequate time exists within the window for recalculation of the T-0.

=====

A4.11. PERFORM/REQUEST WAIVER ACTIONS (D05D):

Constraint: Waiver requests must apply to the launch agency and Level of constraint violation must be available if asked.

=====

A4.12. PERFORM SECURITY PROCEDURES (E02) (30 SW only):

Constraint: If Helping Hand is declared for a previously related security incident, train/evaluate to Level B.

=====

B	02		Perform Communication Failure Procedures		B		3b	3b	3b
B	03		Perform Fault/Anomaly Resolution Procedures						
		A	Respond to Console/Display Malfunctions		B		3b	3b	3b
		B	Perform Problem/Failure Resolution Procedures		B		3b	3b	3b 1
		C	NOT USED						
		D	Perform/Request Waiver Actions		B		3b 1/ B4	3b 1/ B4	B4
B	4-5		FUTURE EXPANSION						
			RANGE OPERATIONS						
C	01		Understand Range Fundamentals						
		A	Identify Mission and Organization				BT	BT	BT
		B	Know Lead and Support Range Responsibilities				BT	BT	BT
		C	Know Range Geography and Layout/ Assets				BT	BT	BT
		D	Know Range Operations Control Center Layout				BT	BT	BT
		E	NOT USED						
		F	Know Range Scheduling Resources				BT	BT	BT
		G-H	NOT USED						
		I	Know Range Resources for Various Programs				BT	BT	BT
C	02		Perform Aerospace Monitor/Control Procedures						
		A	Perform Area Control Center Supervision	45 SW	B		BT		3b
		B	Perform Airspace Operations		B		B3		3b
		C	Perform Laser Operations	30 SW	A		BT	BT	3b
		D	Perform Wildlife Hazards	45 SW	B		BT		3b
		E	Perform Land Clearance	45 SW	B		BT		3b

		F	Perform Sea Clearance	45 SW	B		BT		3b
		G	Perform Aircraft Operations	45 SW	B				3b
		H	Perform Fouled Range Actions	30 SW	B		3b	3b	3b
C	03		Perform Instrumentation Checks						
		A	Perform Radar Operations	45 SW	B		BT	3b	
		B	Perform Telemetry Operations	45 SW	B		BT	3b	
		C	Perform Flight Termination System Operations		B		3b 3	3b	
		D	Perform Optic Operations	45 SW	C		BT	3b	
		E	Perform Data Center/Naval Data Flow Operations	45 SW	B		BT	3b	
		F	Perform Photo Operations	45 SW	C		BT	3b	
		G	Perform Power/HVAC Operations	45 SW	C		BT	3b	
		H	Perform Lift-off Circuit/First Motion Check	45 SW	B		BT	3b	
		I	Perform Status & Alert Light System/ Hold Fire Check		B		3b 3	3b	
		J	Perform Airborne Power Go/No-Go Checks	45 SW	B		BT	3b	
C	04		Perform Aircraft Emergency Procedures		A		BT	B4	3b
C	05		Perform Joint Range Procedures						
		A	Perform Instrumentation Supervision	45 SW	B		3b		
		B	Perform Area Clearance Supervision	45 SW	B		3b		
		C	Perform Safety Monitoring Actions	45 SW	B		3b		
		D	Perform Support Range Supervision	45 SW	B		3b		
		E	Perform WRCC Security Actions	45 SW	B		3b		
		F	Perform Range Clear to Launch		B		3b	3b 2	3b 2
			INTEGRATED LAUNCH OPERATIONS						
D	01		Understand Integrated Launch Fundamentals						

		A	Identify Roles, Missions and Responsibilities				BT	BT	BT
		B	Understand Operations Process Flow				BT	BT	BT
D	02		Submit Operational Reports						
		A	Prepare/Submit Nominal Launch Report		B		3b 2	3b 1	
		B	Prepare/Submit Launch Scrub Report		B		3b 2	3b 1	
		C	Prepare/Submit Non-nominal & Errant Missile Report		B		3b 2	3b 1	
		D	Prepare/Submit LCU Net Reporting		B2/ C1		3b 4	3b 4	3b 2
		E	NOT USED						
D	03		Identify Constraints						
		A	Identify Safety/LDA Constraints				BT	BT	BT
		B	Identify Launch Agency/User Constraints				BT	BT	BT 2
D	04		Identify Generation Phase Activities						
		A	Identify Pre-Launch Tests	45 SW			BT	BT	
		B	Identify Operational Requirements/Configuration				BT	BT	BT
		C	Identify Procedural Review/Update Actions				BT	BT	BT
D	05		Perform Execution Phase Activities						
		A	Perform Countdown Procedures		B		3b	3b	3b
		B	Perform Contingency Countdown (Hold/Recycle/Abort)		A		3b	3b	3b
		C	Perform Launch Window Management		B		3b	3b 2	
D	06		Perform Recovery Phase Activities						
		A	Perform Reconfiguration/Release Actions	45 SW	C		3b	3b	3b
		B	Describe Post Operation Actions				BT	BT	BT

D	07		Perform Anomalous Flight Activities						
		A	Perform Non-Nominal/Post Destruct Actions		A/ B		3b	3b	3b
		B	Perform Errant Missile Actions		A/ B		3b	3b	3b
		C	NOT USED						
D	08		Perform Space Shuttle Actions	30 SW	B		BT	BT	3b
			EMERGENCY PROCEDURES						
E	01		Perform Fire/Overheat Procedures		A		3b	3b	3b
E	02		Perform Security Procedures						
		A	Respond to Physical Security Violations		A		3b	3b	3b
		B	Respond to Bomb Threat		A		3b	3b	3b
		C	Perform FPCON Change Actions		B		3b	3b	3b
		D	DELETED						
E	03		Perform Evacuation Procedures		A		3b	3b	3b
¹ = 30th SW Only ² = 45th SW Only ³ = 30th SW Train/Knowledge Only				⁴ = 45th SW Train/Knowledge Only T = Train Only Tasks					

LEVEL A TEPS FOR RANGE (30/45 SW)

A4.13. RESPOND TO ACCIDENT/INJURY/ILLNESS NOTIFICATION (A03A):

Constraints:

1. Accidents and life-threatening injuries/illnesses must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart failure, severe nausea, etc.).
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
3. For non life-threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.
7. Required communications must be available.

Table A4.13. Respond To Accident/Injury/Illness Notification.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, notify primary medical agency, brief location and direct safing operations as needed.	1.1. Within 10 minutes of receipt of indications.

A4.14. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):

Constraints:

1. Input must occur within evaluatee/trainee scope of responsibility.
2. Type and severity of presented conditions must be clearly recognizable (“you feel an earthquake, thunderstorms within 10 nm.”).
3. If not life-threatening and/or equipment damaging, train/evaluate to Level B.
4. Required communications must be available.

Table A4.14. Respond To Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, direct evacuation as applicable, make notifications, and direct/coordinate equipment configuration as required.	1.1. Within 10 minutes of receipt of indications.

A4.15. PERFORM TOXIC HAZARD PROCEDURES (A03C) (ROC/RCO/ACO only):

Constraints:

1. Toxic Hazard situations involving injury must train/evaluate Level A concurrently.

2. Ensure input only asks for the evaluatee/trainee to make evacuation assessments from the plotted hazard corridor.
3. Indications must be given of sufficient toxic propellant release, as defined by Wing Safety, to warrant emergency actions.
4. Required communications must be available.

Table A4.15. Perform Toxic Hazard Procedures.

PERFORMANCE	STANDARD
1. Direct clearance of the affected area and notify Command Post of all indications.	1.1. Within 5 minutes of receiving coordinates for Toxic Hazard.

A4.16. PERFORM LASER OPERATIONS (C02C):

Constraint: None.

Table A4.16. Perform Laser Operations.

PERFORMANCE	STANDARD
1. (45 SW Only) Direct laser operator to cease lasing.	<p>1.1. Within 90 seconds of aircraft entering 3-mile safety barrier.</p> <p>1.2. Within 10 seconds of aircraft entering laser beam.</p> <p>1.3. Within 10 seconds of DBRITE becoming inoperable.</p> <p>1.4. Within 10 seconds of primary and alternate communications failure.</p> <p>1.5. Within 30 seconds of loss of capability to monitor airspace.</p>

A4.17. PERFORM AIRCRAFT EMERGENCY PROCEDURES (C04):

Constraint: None.

Table A4.17. Perform Aircraft Emergency Procedures.

PERFORMANCE	STANDARD
1. Notify Command Post and brief all indications.	1.1. Within 5 minutes of IFE notification.

A4.18. PERFORM CONTINGENCY COUNTDOWN (Hold/Recycle/Abort) (D05B):**Constraints:**

1. If presented prior to Terminal Count, train/evaluate to Level B. Terminal count is defined as the point which a hold may be called and a recycle action may be required (not applicable to space shuttle or Navy operations).
2. During the terminal count, the constraint violation requiring a hold must be clearly recognizable (loss of a mandatory item, redline measurement violation, etc.).
3. Do not present a Hold/Recycle event after T-30 seconds in eval scenario.
4. Do not present a Hold/Recycle event that could drive multiple outcomes.
5. For Hangfire/Misfire, evaluate to Level B.
6. Required communications must be available.

Table A4.18. Perform Contingency Countdown (Hold/Recycle/Abort).

PERFORMANCE	STANDARD
1. Initiate a hold for the count.	1.1. Within 30 seconds after stimuli presentation.

A4.19. PERFORM NON-NOMINAL/POST DESTRUCT ACTIONS (D07A) (Evaluate 30 SW SCMDR, RCO, and ACO to level B):**Constraints:**

1. (45 RANS) If evaluating aural warning announcement:
 - a. Non-nominal flight will not be presented.
 - b. Destruct will be presented NLT T+60 seconds.
2. Required communications must be available.

Table A4.19. Perform Non-Nominal/Post Destruct Actions.

PERFORMANCE	STANDARD
1. (45 RANS) RCO direct aural warning announcement.	1.1. Within 30 seconds of MFCO stating destruct functions sent.
2. (45 RANS) ACO (30 RANS) ROC direct aircraft to breakaway.	2.1. Within 30 seconds of MFCO's direction to breakaway aircraft.

A4.20. PERFORM ERRANT MISSILE ACTIONS (D07B) (Evaluate 30 SW SCMDR, RCO, and ACO to level B):

Constraints:

1. (45 RANS) If evaluating aural warning announcement:
 - a. Non-nominal flight will not be presented.
 - b. Destruct will be presented NLT T+60 seconds.
2. Required communications must be available.

Table A4.20. Perform Errant Missile Actions.

PERFORMANCE	STANDARD
1. (45 RANS) RCO direct aural warning announcement.	1.1. Within 30 seconds of MFCO stating destruct functions sent.
2. (45 RANS) ACO (30 RANS) ROC direct aircraft to breakaway.	2.1. Within 30 seconds of MFCO's direction to breakaway aircraft.

A4.21. PERFORM FIRE/OVERHEAT PROCEDURES (E01):**Constraints:**

1. Fire/Overheat situations involving injury must train/evaluate Level A concurrently.
2. Uncontrollable fires and fires that endanger human life must be clearly recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.).
3. Fire must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
4. Problem presentation must clearly identify location of fire/overheat condition.
5. Evaluator/instructor must provide status that evaluatee's/student's senses would detect but cannot be simulated.
6. Response agency will act as a knowledgeable agency and respond appropriately.
7. Required communications must be available.

Table A4.21. Perform Fire/Overheat Procedures.

PERFORMANCE	STANDARD
1.1 Obtain information, direct fire containment (if applicable).	1.1. Within 2 minutes of initial indication.
1.2 Notify primary fire agency, brief location, direct appropriate evacuation and make/direct PA announcement (if required).	1.2. Within 10 minutes of initial indications of a controllable fire.

A4.22. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):**Constraints:**

1. Physical Security violations must be clearly recognizable.
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
3. Security forces will act as a knowledgeable agency and declare a HH/CW as appropriate.
4. Required communications must be available.

Table A4.22. Respond To Physical Security Violations.

PERFORMANCE	STANDARD
1. Notify primary security agency and make PA announcement (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A4.23. RESPOND TO BOMB THREAT (E02B):**Constraints:**

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present bomb threat against non-mission operations facility.
3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.
6. Provide contractor evacuation intent upon request.

Table A4.23. Respond To Bomb Threat.

PERFORMANCE	STANDARD
1. Obtain information, notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement, if required, and initiate search and secure work areas.	1.1. Within 10 minutes of time indications received.

A4.24. PERFORM EVACUATION PROCEDURES (E03):**Constraints:**

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb/suspicious object found, severe structural damage placing personnel safety in jeopardy, etc.).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communications must be available.

Table A4.24. Perform Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation. Direct system safing, if required. Make/direct PA announcement, if required. Evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.

LEVEL B TASK CONSTRAINTS FOR RANGE (30/45 SW)

A4.25. PREPARE/SUBMIT LCU NET REPORTING (D02D):

Constraint: Only evaluate to Level B for countdown, range, or vehicle status changes (unscheduled holds, OPSCAP changes, NO-GO status, etc.)

=====

A4.26. PERFORM SECURITY PROCEDURES (E02) (30 SW only):

Constraint: If Helping Hand is declared for a previously related security incident, train/evaluate to Level B.

=====

Table A4.25. Safety JPRL (30/45 SW).

						MR SKILL LEVELS
A R E A	T A S K	S U B T A S K	DESCRIPTION	UNITS NOT AFFECT ED	L E V E L	S / M F C O
			MISSION SUPPORT PROCEDURES			
A	01		Perform Crew Actions			
		A	NOT USED			
		B	Perform Routine/Administrative Crew Actions	45 SW	C	3b
		C	Log Operational Activities		C	3b
A	02		Operate Mission Equipment			
		A	Use Operational/Mission Consoles		B	3b
		B	Use Voice Communication Equipment		C	3b
A	03		Perform Contingency Procedures			
		A	Respond to Accident/Injury/Illness Notification		A	3b
		B	Respond to Severe Weather/Natural Disaster Notifications		A	3b
		C	Perform Toxic Hazard Procedures	45 SW	B	3b
A	04		NOT USED			
A	5-7		FUTURE EXPANSION			
A	08		Identify Launch/Mission Documentation			B ^T
			STATUS MONITORING			
B	01		NOT USED			
B	02		Perform Communication Failure Procedures		B	3b
B	03		Perform Fault/Anomaly Resolution Procedures			

		A	Respond to Console/Display Malfunctions		B	3b
		B	Perform Problem/Failure Resolution Procedures		B	3b
		C	NOT USED			
		D	Perform/Request Waiver Actions		B	3b
B	4-5		FUTURE EXPANSION			
			SAFETY OPERATIONS			
C	01		Understand Safety Fundamentals			
		A	Identify Launch Vehicles			A ^T
		B	Describe Telemetry Systems			B ^T
		C	Describe Tracking Systems			B ^T
		D	Describe Airborne Range Safety Systems			B ^T
		E	Know Range Geography/Layout/Resources/Responsibilities			AT
		F	Identify EWR 127-1 Section Requirements			B ^T
C	02		Perform Surveillance Control Procedures		B	3b
C	03		Perform Flight Control Procedures			
		A	Perform Vehicle Performance Assessment/Flight Narration		B	3b
		B	Perform Flight Termination Actions		A	3b
		C	Perform C2 Contingencies		A	3b
			INTEGRATED LAUNCH OPERATIONS			
D	01		Understand Integrated Launch Fundamentals			
		A	Identify Roles, Missions and Responsibilities			A ^T
		B	Understand Operations Process Flow			A ^T
D	02		NOT USED			
D	03		Identify/Use Constraints			
		A	Identify/Use Safety Constraints		B	3B ³
		B	Identify Launch Agency/User Constraints			B ^T
D	04		Identify Generation Phase Activities			
		A	Identify Pre-Launch Tests			B ^T

		B-C	NOT USED			
D	05		Perform Execution Phase Activities			
		A	Perform Countdown Procedures		B	3b
		B	Perform Contingency Countdown (Hold/Recycle/Abort)		A	3b
		C	Perform Launch Window Management		B	3b
D	06		NOT USED			
D	07		Perform Anomalous Flight Activities			
		A	Perform Non-Nominal/Post Destruct Actions		A	3b
		B	Perform Errant Missile Actions		A	3b
		C	NOT USED			
D	08		NOT USED			
			EMERGENCY PROCEDURES			
E	01		Perform Fire/Overheat Procedures		A	3b
E	02		Perform Security Procedures			
		A	Respond to Physical Security Violations		A	3b
		B	Respond to Bomb Threat		A	3b
		C	Perform FPCON Change Actions		B	3b
		D	DELETED			
E	03		Perform Evacuation Procedures		A	3b
^T = Train Only Tasks ³ = 30 th SW Train/Knowledge Only						

LEVEL A TEPS FOR SAFETY (30/45 SW/MFCO)**A4.27. RESPOND TO ACCIDENT/INJURY/ILLNESS NOTIFICATION (A03A):****Constraints:**

1. Accidents and life-threatening injuries/illnesses must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart failure, severe nausea, etc.).
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
3. For non life-threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.
7. Required communications must be available.

Table A4.26. Respond To Accident/Injury/Illness Notification.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, request assistance and direct safing operations as needed.	1.1. Within 10 minutes of receipt of indications.

A4.28. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):**Constraints:**

1. Input must occur within evaluatee/trainee scope of responsibility.
2. Type and severity of presented conditions must be clearly recognizable (“you feel an earthquake, thunderstorms within 10 nm.”).
3. If not life-threatening and/or equipment damaging, train/evaluate to Level B.
4. Required communications must be available.

Table A4.27. Respond To Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, direct evacuation as applicable, make notifications, and direct/coordinate equipment configuration as required.	1.1. Within 10 minutes of receipt of indications.

A4.29. PERFORM FLIGHT TERMINATION PROCEDURES (C03B):**Constraints:**

1. Adhere to each vehicle’s specific mission rules as applicable.

2. The terms "Critical Time" (30 SW) and "Green Number" (45 SW) are defined as the minimum thrusting time for a vehicle to move from a specified state or condition where it does not threaten protected areas to a state or condition where endangerment is possible. Critical Times/Green Numbers are based on on-azimuth vehicle performance. Do not evaluate the scenario of a vehicle performing non-nominally and currently has a status of unknown.
3. Sending functions refers to terminating a vehicle's flight which consists of fuel cutoff (arm command) followed by destruct (destruct command). All termination actions must be completed within plus five seconds of the performance standard (except for standard 6.1).
4. (30 SW Only): The destruct command may be delayed to allow a pure liquid vehicle to descend to a lower altitude to minimize the debris footprint, but the ability to destroy the vehicle will not be jeopardized.
5. A vehicle's flight may be terminated earlier than the performance standard if the vehicle is deemed to be obviously erratic and the potential exists for the Mission Flight Control Officer to lose positive control.
6. Erratic flight includes tumbling vehicle, fish-tailing, stage non-ignition, and vehicle self-destruct.
7. (30 SW Only): For TMIG failure during ballistic missile operations, continuation of the mission during PBV burns is completely at the discretion of the MFCO. The mission will be allowed to continue as long as high confidence exists in the TNAR IIP solution (high confidence will normally exist when two or more RDOT sources are accepted by the TNAR filter).
8. The MFCO will confirm anomalous events using all data sources available.
9. (45 SW Only): Reference standards 1-11 do not apply to the Space Shuttle. Comply with NASA - Johnson Space Center Flight Rules para A4.1.6-0 through para A4.1.6-9 for Space Shuttle operations.
10. Required communications must be available.

Table A4.28. Perform Flight Termination Procedures.

PERFORMANCE	STANDARD
1. Send functions on a vehicle which does not program downrange	<p>*1.1. (30 SW Only): At RED time. Since a non-programming vehicle's IIP will not cross the Impact Limit Line (ILL), debris circles may be used to determine when flight becomes hazardous.</p> <p>*1.2. (45 SW Only): Upon critical angles negatively exceeding zero degrees or when IIP crosses destruct line, whichever occurs earliest.</p>
2. Send functions on a vehicle (which was previously performing nominally) when all IIP data is lost.	<p>*2.1. (30 SW Only): At Critical Time Expiration. If vehicle is visible from outside observer locations, further flight is authorized IAW 3.1 below.</p> <p>*2.2. (45 SW Only): At expiration of Green Numbers.</p>
3. (30 SW Only): Send functions on a vehicle if no radar Instantaneous Impact Point (IIP) data available at Minimum Time to Endanger (MTE).	*3.1. At Minimum Time to Endanger (MTE) unless downrange motion can be verified via video or outside observer. If nominal flight azimuth is westerly, MFCO may allow continued flight, with Back Azimuth input, until earliest time when populated area near downrange is endangered.
4. Send functions on a vehicle that violates destruct line.	*4.1. When IIP crosses destruct line. (30 SW Only): unless IIP trace is straight and not turning toward ILL, flight is not erratic, debris circles have not and are not about to cross the ILL.
5. (30 SW Only): Send functions on a missile with unplanned active guidance.	5.1. Prior to loss of Command Transmitter coverage (fade over horizon) on missile with unplanned active guidance.
6. Send functions on an obviously erratic vehicle.	6.1. Prior to loss of command control.
7. (30 SW Only): Send functions to non-nominal missile after stage 3 burnout (TMIG functional).	*7.1. When TMIG IIP crosses TMIG destruct line or TM stripchart indicates tumbling or abnormal axial engine burning unless in "on-azimuth, no-destruct area".

8. (30 SW Only): Send functions to non-nominal missile after stage 3 burnout (TMIG NOT Functional).	*8.1. When center of TNAR IIP solution ellipse crosses TNAR destruct line or TM stripchart indicates tumbling or abnormal axial engine burning unless in “on-azimuth, no-destruct area”.
9. For Vehicles that have a minimum engine cutoff time or minimum shutdown time and situations when the minimum cutoff/shutdown time is exceeded, send functions.	9.1. Prior to reaching land mass gate and prior to expiration of committed command coverage.
10. Send functions on a vehicle which terminates thrust (stopped Instantaneous Impact Point - IIP) up range of a land-mass gate.	10.1. Prior to loss of command coverage.
11. For an emergency evacuation situation, send functions on a vehicle which is in flight.	<p>11.1. (30 SW Only): Prior to evacuating the MFCC area unless vehicle is performing nominally and is “safe all the way”.</p> <p>11.2. (45 SW Only): Prior to evacuating the RSD area unless extended flight rule is invoked.</p>

A4.30. PERFORM C 2 CONTINGENCIES (C03C):

Constraints:

1. CCS/CCPS failure or inability to confirm destruct will be clearly recognizable.
2. MFCO will direct Command Transmitter Controller to initiate Emergency Procedures as soon as notified of CCPS failure. In this manner, system will be configured for immediate use should functions be required later in flight.
3. Required communications must be available.

Table A4.29. Perform C2 Contingencies.

PERFORMANCE	STANDARD
1. Direct reconfigure for Next Command Transmitter in failover sequence and resend functions (utilizing Key Switch) to a non-nominal vehicle.	1.1. Within 1 minute of detection of unconfirmed destruct.
2. (30 SW only) Direct Command Transmitter Controller to Initiate Emergency Procedures.	2.1. Within 1 minute of notification of detection of unconfirmed destruct (after using Key Switch) or within one minute of notification of CCS/CCPS failure.
3. (30 SW only) Direct Command Transmitter Controller to have CT Site send functions to non-nominal vehicle.	3.1. Within 1 minute of notification of CT sites configured for Emergency Procedures (if applicable).

A4.31. PERFORM CONTINGENCY COUNTDOWN (Hold/Recycle/Abort) (D05B):

Constraints:

1. If presented prior to Terminal Count, train/evaluate to Level B. Terminal count is defined as the point which a hold may be called and a recycle action may be required (not applicable to space shuttle or Navy operations).
2. During the terminal count, the constraint violation requiring a hold must be clearly recognizable (loss of a mandatory item, redline measurement violation, etc.).
3. Do not present a Hold/Recycle event after T-30 seconds in eval scenario.
4. Do not present a Hold/Recycle event that could drive multiple outcomes.
5. Required communications must be available.

Table A4.30. Perform Contingency Countdown (Hold/Recycle/Abort).

PERFORMANCE	STANDARD
1. Initiate a hold for the count.	1.1. Within 30 seconds after stimuli presentation.

A4.32. PERFORM NON NOMINAL/POST DESTRUCT ACTIONS (D07A):

Constraints:

1. For Hangfire/Misfire, Evaluate to Level B.
2. Required communications must be available.

Table A4.31. Perform Non Nominal/Post Destruct Actions.

(30 SW only) PERFORMANCE	STANDARD
1. Direct outside personnel to take cover/ monitor Safety Radio Frequency.	1.1. Within 1 minute of confirming destruct (if applicable).
2. Report “non-nominal”, destruct time, gen- eral impact location and direct breakaway sup- port aircraft over Safety Net.	2.1. Within 1 minute of either directing out- side personnel to take cover, or confirming destruct, as applicable.
(45 SW only)PERFORMANCE	STANDARD
1. Direct aural warning system activation.	1.1. Within 1 minute of confirming destruct (if applicable).
2. Direct the Forward Observer - Ground to take cover.	2.1. Within 1 minute of directing aural warn- ing system activation.
3. Notify LDCG (through SES) to take cover.	3.1. Within 1 minute of directing FOG to take cover.
4. Notify SCO/CG to broadcast warning to ships/boats.	4.1. Within 1 minute of notifying LDCG/ BTOX.
5. Advise ACO to breakaway aircraft.	5.1. Within 1 minute of notifying SCO/CG.

A4.33. PERFORM ERRANT MISSILE ACTIONS (D07B):**Constraints:**

1. Errant vehicle must be clearly recognizable.
2. “Errant” refers to vehicles whose instantaneous impact point has crossed a destruct line and all attempts to destroy the vehicle have been exhausted without any success.
3. Required communications must be available.

Table A4.32. Perform Errant Missile Actions.

PERFORMANCE	STANDARD
1. Pass errant vehicle information to range and direct breakaway support aircraft (as required).	1.1. Within 1 minute of confirming errant vehicle status.

A4.34. RESPOND TO FIRE/OVERHEAT INDICATIONS (E01):**Constraints:**

1. Fire/Overheat situations involving injury must train/evaluate Level A concurrently.

2. Uncontrollable fires and fires that endanger human life must be clearly recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.).
3. Fire must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
4. Problem presentation must clearly identify location of fire/overheat condition.
5. Evaluator/instructor must provide status that evaluatee/trainee senses would detect but cannot be simulated.
6. Response agency will act as a knowledgeable agency and respond appropriately.
7. Required communications must be available.

Table A4.33. Respond To Fire/Overheat Indications.

PERFORMANCE	STANDARD
1.1 Obtain information, direct fire containment (if applicable).	1.1. Within 2 minutes of initial indication.
1.2 Notify primary fire agency, brief location, direct appropriate evacuation and make/direct PA announcement.	1.2. Within 10 minutes of initial indications of a controllable fire.

A4.35. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):

Constraints:

1. Physical Security violations must be clearly recognizable.
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
3. Security forces will act as a knowledgeable agency and declare a HH/CW as appropriate.
4. Required communications must be available.

Table A4.34. Respond To Physical Security Violations.

PERFORMANCE	STANDARD
1. Obtain information, notify primary security agency, make PA announcement (if required), and initiate search and secure (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A4.36. RESPOND TO BOMB THREAT (E02B):

Constraints:

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present bomb threat against non-mission operations facility.

3. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.
6. Provide contractor evacuation intent immediately upon request.

Table A4.35. Respond To Bomb Threat.

PERFORMANCE	STANDARD
1. Obtain information, notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement, if required, and initiate search and secure work areas.	1.1. Within 10 minutes of time indications received.

A4.37. PERFORM EVACUATION PROCEDURES (E03):

Constraints:

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb/suspicious object found, severe structural damage placing personnel safety in jeopardy, etc.).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communications must be available.

Table A4.36. Perform Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation. Direct system safing, if required. Make/direct PA announcement, if required. Evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.

LEVEL B TASK CONSTRAINTS FOR SAFETY (30/45 SW/MFCO)

A4.38. PERFORM LAUNCH WINDOW MANAGEMENT (D05C):

Constraint: Problem card will be used to introduce or update COLA information.

=====

A4.39. PERFORM SECURITY PROCEDURES (E02) (30 SW only):

Constraint: If Helping Hand is declared for a previously related security incident, train/evaluate to Level B.

=====

Table A4.37. SCMDR/OD JPRL (30/45 SW).

					MR SKILL LEVELS		
A R E A	T A S K	S U B T A S K	DESCRIPTION	UNITS NOT AFFECTED	L E V E L	S C M D R	O D
			MISSION SUPPORT PROCEDURES				
A	01		Perform Crew Actions				
		A	Perform Crew Changeover/Shift Actions	45 SW	C	3b	3b
		B	Perform On-Station Actions	45 SW	C	3b	3b
		C	Log Operational Activities		C	3b	3b
A	02		Operate Mission Equipment				
		A	Use Operational Mission Consoles		C	3b	3b
A	03		Perform Contingency Procedures				
		A	Respond to Accident/Injury/Illness Notification		A	3b	3b
		B	Respond to Severe Wx/Natural Disaster Notifications		A	3b4	3b4
		C	Perform Toxic Hazard Procedures	45 SW	B	3b	3b
A	4-7		FUTURE EXPANSION				
A	08		Identify Launch/Mission Documentation			BT	BT
			STATUS MONITORING				
B	01		NOT USED				
B	02		Perform Communication Failure Procedures		B	3b	3b
B	03		Perform Fault/Anomaly Resolution Procedures				
		A	NOT USED				
		B	Perform Problem/Failure Resolution Procedures		B	BT	3b
		C	NOT USED				

		D	Perform/Request Waiver Actions		B	3b	3b
B	4-5		FUTURE EXPANSION				
			SCMDR/OD OPERATIONS				
C	01		Understand Launch Operations				
		A	Understand Booster Systems				BT
		B	Understand Launch Facilities				BT
C	02		Understand Range Operations				
		A	Understand Range Fundamentals			BT	BT
		B	Understand Aerospace Monitor/Control Procedures				BT
		C	Understand Instrumentation Checks				BT
		D	Understand Aircraft Emergency Procedures				BT
		E	Understand Joint Range Procedures	45 SW			BT
		F	Perform Range Clear to Launch		B	3b	3b
C	03		Understand Safety Operations				
		A	Understand Safety Fundamentals			BT	BT
		B	Understand Surveillance Control Procedures			BT	BT
		C	Understand Flight Control Procedures			BT	BT
C	04		Understand Weather Operations				BT
			INTEGRATED LAUNCH OPERATIONS				
D	01		Understand Integrated Launch Fundamentals				
		A	Identify Roles, Missions and Responsibilities			BT	BT
		B	Identify Operations Process Flow			BT	BT
D	02		NOT USED				
D	03		Identify Constraints				
		A	Identify Safety/LDA Constraints			BT	BT
		B	Identify Launch Agency/User Constraints			BT	BT
D	04		NOT USED				
D	05		Perform Execution Phase Activities				

		A	Perform Countdown Procedures		B	3b	3b
		B	Perform Contingency Countdown (Hold/Recycle/Abort)		B	BT	3b4
		C	Perform Launch Window Management			BT	BT
D	06		Perform Post Operations Actions		C	3b4	3b4
D	07		Perform Anomalous Flight Activities				
		A	Perform Non-Nominal/post Destruct Actions		B	3b	3b
		B	Perform Errant Missile Actions	45 SW	B	3b	3b
D	08		NOT USED				
			EMERGENCY PROCEDURES				
E	01		Perform Fire/Overheat Procedures		A	3b	3b
E	02		Perform Security Procedures				
		A	Respond to Physical Security Violations		A	3b	3b
		B	Respond to Bomb Threat		A	3b	3b
		C	Perform FPCON Change Actions		B	3b	3b
		D	DELETED				
E	03		Perform Evacuation Procedures		A	3b	3b
¹ = 30th SW Only ² = 45th SW Only ³ = 30th SW Train/Knowledge Only				⁴ = 45th SW Train/Knowledge Only T = Train Only Tasks			

LEVEL A TEPS FOR SCMDR/OD (30/45 SW)

A4.40. RESPOND TO ACCIDENT/INJURY/ILLNESS NOTIFICATION (A03A):

Constraints:

1. Accidents and life-threatening injuries/illnesses must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart failure, severe nausea, etc.).
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
3. For non life-threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.

6. Emergency response agency will act as a knowledgeable agency and respond appropriately.
7. Required communications must be available.

Table A4.38. Respond To Accident/Injury/Illness Notification.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, notify primary medical agency, brief location and direct safing operations as needed.	1.1. Within 10 minutes of receipt of indications.

A4.41. RESPOND TO SEVERE WEATHER/NATURAL DISASTER (A03B):**Constraints:**

1. Input must occur within evaluatee/trainee scope of responsibility.
2. Type and severity of presented conditions must be clearly recognizable (“you feel an earthquake, thunderstorms within 10 nm.”).
3. If not life-threatening and/or equipment damaging, train/evaluate to Level B.
4. Required communications must be available.

Table A4.39. Respond To Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, direct evacuation as applicable, make notifications, and direct/coordinate equipment configuration as required.	1.1. Within 10 minutes of receipt of indications.

A4.42. PERFORM FIRE/OVERHEAT PROCEDURES (E01):**Constraints:**

1. Fire/Overheat situations involving injury must train/evaluate Level A concurrently.
2. Uncontrollable fires and fires that endanger human life must be clearly recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.).
3. Fire must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
4. Problem presentation must clearly identify location of fire/overheat condition.
5. Evaluator/instructor must provide status that evaluatee’s/student’s senses would detect but cannot be simulated.
6. Response agency will act as a knowledgeable agency and respond appropriately.
7. Required communications must be available.

Table A4.40. Perform Fire/Overheat Procedures.

PERFORMANCE	STANDARD
1.1 Obtain information, direct fire containment (if applicable).	1.1. Within 2 minutes of initial indication.
1.2 Notify primary fire agency, brief location, direct appropriate evacuation and make/direct PA announcement (if required).	1.2. Within 10 minutes of initial indications of a controllable fire.

A4.43. RESPOND TO PHYSICAL SECURITY VIOLATIONS (E02A):**Constraints:**

1. Physical Security violations must be clearly recognizable.
2. Incident must occur within any area that would affect the mission (i.e. the computer room, power plant, Ops Room).
3. Security forces will act as a knowledgeable agency and declare a HH/CW as appropriate.
4. Required communications must be available.

Table A4.41. Respond To Physical Security Violations.

PERFORMANCE	STANDARD
1. Notify primary security agency and make PA announcement (if required).	1.1. Within 10 minutes of initial indications of a security incident.

A4.44. RESPOND TO BOMB THREAT (E02B):**Constraints:**

1. Security forces will act as a knowledgeable agency and respond appropriately.
2. Do not present bomb threat against non-mission operations facility.
3. **Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).**
4. Required communications must be available.
5. Situation cannot exist which prohibits personnel from evacuating the facility.
6. Provide contractor evacuation intent upon request.

Table A4.42. Respond To Bomb Threat.

PERFORMANCE	STANDARD
1. Obtain information, notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement and initiate search and secure work areas.	1.1. Within 10 minutes of time indications received.

A4.45. PERFORM EVACUATION PROCEDURES (E03):

Constraints:

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb/suspicious object found, severe structural damage placing personnel safety in jeopardy, etc.).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. Required communications must be available.

Table A4.43. Perform Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation. Direct vehicle safing, if required. Make/direct PA announcement. Evacuate the affected area.	1.1. Within 10 minutes from requirement to evacuate.

LEVEL B TASK CONSTRAINTS FOR FOR SCMDR/OD (30/45 SW)

A4.46. PERFORM SECURITY PROCEDURES (E02) (30 SW only):

Constraint: If Helping Hand is declared for a previously related security incident, train/evaluate to Level B.

=====

Attachment 5**SATELLITE CONTROL MISSION AREA**

A5.1. The Satellite Control mission area includes the master JPR matrix and the JPRL with associated TEPS. The table below lists the title and table number for easy reference.

Table A5.1. Satellite Control Mission Area Matrix.

Description	Table	Para
Satellite Control JPR	A5.2.	
Satellite Control JPRL	A5.3.	
Level A TEPS		A5.2.

Table A5.2. Satellite Control JPR (1/2/3/4 SOPS).

A	T	S	DESCRIPTION	LVL	1	2	3	4
			MISSION SUPPORT OPERATIONS					
A	01		Perform Crew Actions					
		A	Perform Crew Changeover/Shift Actions	B ^{2/4} /C	x	x (B)	x	x (B)
		B	Perform Routine/Administrative Crew Actions	C	x	x	x	x
		C	Log Operations Activities	C	x	x	x	x
A	02		Operate Mission Equipment					
		A	Use Operational/Mission Consoles	C	x	x	x	x
		B	Use Voice Communication Equipment	C	x	x	x	x
		C	Use Printer/Peripheral Equipment	C	x	x	x	x
		D	Use Data Communication Equipment	C	x	x	x	x
A	03		Perform Contingency Procedures					
		A	Respond to Accident/Injury/Illness Notifications	A	x	x	x	x
		B	Respond to Severe Wx/Natural Disaster Notifications	A	x	x	x	x
A	04		Perform/Demonstrate OPSEC Procedures	C	x	x	x	x
A	5-7		FUTURE EXPANSION					
A	08		Perform COMSEC Procedures					
		A	Perform COMSEC Inventory	C	x	x	x	x
		B	Destroy COMSEC Materials	C	x	x	x	x
		C	Use Authenticator	C	x	x	x	x
		D	NOT USED					
A	09		Perform Operational Reporting					
		A	Submit OPREP-3	A	x	x	x	x
		B	Submit Attainment Report	B	x	x	x	x
		C	Submit SITREP	C	x	x	x	x
		D	Submit MIR/SSR	B	x	x	x	x

		E	Submit User Specific Reports	A		x		x
		F	Determine/Report Ground System OPSCAP	A	x	x	x	x
		G	Determine/Report Vehicle System Status	A	x	x	x	x
A	10		Perform Data Communication Actions					
		A	Generate HANU Messages	B		x		
		B	Transmit HANU Messages	B		x		
		C	Perform MCS Communication Procedures	B		x		
A	11		Perform Ground System Management					
		A	Configuration Actions	B	x	x	x	x
		B	Deconfiguration Actions	B	x	x	x	x
A	12		Understand Ground Environment Elements					
		A	Identify SOC Equipment		x	x	x	x
		B	Identify Data Link Elements		x	x	x	x
		C	Identify Ground Antenna Elements		x	x	x	x
		D	Identify Monitor Station Elements			x		
A	13		Understand Space Environment Elements					
		A	Recognize/Identify Satellite Families		x	x	x	x
		B	Identify Satellite Subsystems		x	x	x	x
		C	Identify Orbital Mechanics		x	x		
			STATUS MONITORING					
B	01		Perform EMI Procedures					
		A	Perform EMI Procedures	B	x	x	x	x
		B	Submit EMI Report	B	x	x	x	x
B	02		Perform Communication Failure Procedures					
		A	Respond to Voice Communication Failure	B/C ²	x	x	x	x
		B	Respond to Data Link Communication Failure	B	x	x	x	x
B	03		Perform Fault/Anomaly Resolution Procedures					
		A	Apply Troubleshooting Process	B	x	x	x	x

		B	Antenna Troubleshooting	B	x	x	x	x
		C	Perform SOC Troubleshooting	B	x	x	x	x
		D	Respond to Subsystem Anomalies	A	x	x	x	x
		E	Monitor Station Troubleshooting	B		x		
		F	Respond to Commanding Anomalies	B	x	x	x	x
B	4-5		FUTURE EXPANSION					
B	06		Perform Preventive Maintenance Actions	B	x	x	x	x
B	07		Perform Mission Transfer/Deployment/Relocation					
		A	Perform Mission Transfer	B	x	x	x	x
		B	Understand Deployment/Relocation Procedures		x	x	x	x
		C	Ground Mobile Procedures	C				x
			MISSION PROCEDURES					
C	01		Perform Prepass Procedures	B	x	x	x	x
C	02		Perform Commanding Actions	B	x	x	x	x
C	03		Perform Telemetry Analysis					
		A	Perform Subsystem Telemetry Analysis	B	x	x	x	x
		B	NOT USED					
		C	Perform Ground System Telemetry Analysis	B	x	x	x	x
C	04		Perform GPS Payload Operations					
		A	Perform Navigation Upload Actions	B		x		
		B	Perform Diagnostics	B		x		
		C	Perform Special Message Actions	B		x		
		D	Perform SA/A-S Implementation	B		x		
		E	Perform GUV Suppression Actions	B		x		
C	05		Perform Postpass Actions	B	x	x	x	x
C	06		Perform Rekey/Compromise Procedures					
		A	Perform Routine Rekey	B				x
		B	Perform Rekey Support Actions	B				x
		C	Perform Compromise Rekey Actions	B				x

		D	Perform Contingency Rekey Actions	B				x
		E	Perform Breaking the Chain Actions	B				x
		F	Monitor Cryptographic Rollover	B				x
C	07		Perform Crosslink Procedures					
		A	Manage Crosslink Connectivity	B				x
		B	Perform Crosslink Defragmentation	B				x
		C	Perform Crosslink Fragmentation	B				x
C	08		Perform Ephemeris/Clock CPCI Management					
		A	Manage Ephemeris	B		x		x
		B	Manage Time/Frequency	B		x		x
		C	Manage Multi-SAT Clock	B				x
		D	Perform Kalman Filter Actions	B		x		
C	09		Perform Non-Real Time Support Analysis					
		A	Perform Non-Real Time Telemetry Analysis		x		x	x
		B	Perform Commanding Evaluations				x	x
		C	Perform RTS/GA Playbacks		x	x	x	x
C	10		Perform Planning and Scheduling Actions	A ¹ /B	x	x	x	x
C	11		Perform Database Management					
		A	Perform Off-line Actions	B		x		x
		B	Perform On-line Actions	B		x		x
			NOT USED					
D			NOT USED					
			EMERGENCY PROCEDURES					
E	01		Perform Fire/Overheat Procedures	A	x	x	x	x
E	02		Perform Security Procedures					
		A	Respond to Physical Security Violations	A	x	x	x	x
		B	Respond to Bomb Threat	A	x	x	x	x
		C	Perform FPCON Actions	B	x	x	x	x
		D	DELETED					

E	03		Perform Evacuation Procedures	A	x	x	x	x
E	04		Perform Emergency Fault Procedures	A	x	x	x	x
			LERTCON PROCEDURES					
F	01		Perform LERTCON Actions					
		A	NOT USED					
		B	Perform LERTCON Actions	B	x	x	x	x
		C	NOT USED					

Table A5.3. Satellite Control JPRL (1/2/3/4 SOPS).

			MR SKILL LEVELS							
A R E A	T A S K	S U B T A S K	DESCRIPTION	UNITS NOT A F F E C T E D	L E V E L	C C H / C M D R	S V O	P S O	S S O	G S O
			MISSION SUPPORT OPERATIONS							
A	01		Perform Crew Actions							
		A	Perform Crew Changeover/Shift Actions		B _{2/4} / C	3c	3c	3c	3c	3c
		B	Perform Routine/Administrative Crew Actions		C	3c	3c	3c	3c	3c
		C	Log Operations Activities		C	3c	3c	3c	3c _{1/3/6/12}	3c
A	02		Operate Mission Equipment							
		A	Use Operational/Mission Consoles		C	a _{3/4} 3c	3c	3c	3c	3c
		B	Use Voice Communication Equipment		C	3c	3c	3c	3c	3c
		C	Use Printer/Peripheral Equipment		C	3c ₉ a ₃	3c	3c	3c	3c
		D	Use Data Communication Equipment		C	3c	3c ₂	3c	A ₁ 3c ₂	A ₁ 3c
A	03		Perform Contingency Procedures							
		A	Respond to Accident/Injury/Illness Notifications		A	3c	3c	3c	3c	3c

		B	Respond to Severe Wx/Natural Disaster Notifications		A	3c	3c	3c	3c	3c
A	04		Perform/Demonstrate OPSEC Procedures		C	3c	3c	3c	3c	3c
A	5-7		FUTURE EXPANSION							
A	08		Perform COMSEC/Classified Procedures							
		A	Perform COMSEC Handling Procedures		C	3c	3c	3c	3c ₄	3c ₄
		B	Perform Classified Handling Procedures		C	3c	3c	3c	3c	3c
		C	Use Authenticator		C	3c	3c ₄		3c ₄	
		D	NOT USED							
A	09		Perform Operational Reporting							
		A	Submit OPREP-3		A	3c				
		B	Submit Attainment Report		B	3c				
		C	Submit SITREP		C	3c				
		D	Submit MIR/SSR		B	3c			3c ₁	3c ₁
		E	Submit User Specific Reports	1/3	A	3c				
		F	Determine/Report Ground System OPSCAP		A	3c				
		G	Determine/Report Vehicle System Status	1	A	3c				
A	10		Perform Data Communication Actions	1/3/4						
		A	Generate HANU Messages		B			3c		
		B	Transmit HANU Messages		B	3c		3c		3c
		C	Perform MCS Communication Procedures		B	3c			3c	3c
A	11		Ground System Management							
		A	Configuration Actions		B	3c ₂ c ₄	a _{3/4} 3c	3c	3c ₇	3c ₇
		B	Deconfiguration Actions		B	c ₄	a ₃ 3c ₁₀	3c	3c _{6/7}	3c ₇

A	12		Understand Ground Environment Elements							
		A	Identify SOC Equipment	2		A _{3/4} B ₁	A ₃ B ₄		B ₁ C _{3/11}	C
		B	Identify Data Link Elements			A ₄ B ₁	A _{3/4}		B ₁ C _{3/11}	B ₂ C ₁
		C	Identify Ground Antenna Elements			A _{2/4} B ₁	A	A	A ₂ B ₁ C _{3/11}	B _{1/2}
		D	Identify Monitor Station Elements	1/3/4		A	A	B	A	B
A	13		Understand Space Environment Elements							
		A	Recognize/Identify Satellite Families	4		AB ₁	A	A	AB ₁	A
		B	Identify Satellite Subsystems			A ₄ B _{1/2}	C	B	A ₄ B _{1/2}	
		C	Identify Orbital Mechanics	3/4		A	C	A	A	A
			STATUS MONITORING							
B	01		Perform EMI Procedures							
		A	Perform EMI Procedures		B	3c	3c ₈		1c _{3/4} 3c _{1/2}	
		B	Submit EMI Report		B	3c				
B	02		Perform Communication Failure Procedures							
		A	Respond to Voice Communication Failure		B/C ₂	3c ₉	3c _{2/4}	3c	3c	3c
		B	Respond to Data Link Communication Failure		B	3c _{2 a8}	b ₄		a ₁ 3c _{2/3/11}	3c
B	03		Perform Fault/Anomaly Resolution Procedures							
		A	Apply Troubleshooting Process		B	3c	3c ₄		3c _{1/11}	3c ₁
		B	Antenna Troubleshooting		B	3c _{1/2}	2b ₄	B	3c _{1/2/3/11}	3c ₂
		C	Perform SOC Troubleshooting		B	2c ₄ 3c 1a ₁	3c _{3a4}	3c	1a ₁ 3c 3/4	3c

		D	Respond to Satellite Anomalies		A	3c	3c	c	1 a ₁₁ 3c _{1/2/6/12}	
		E	Monitor Station Troubleshooting	1/3/4	B			3c		3c ₂
		F	Respond to Commanding Anomalies		B	b ₃ 3c _{1/2}	2c ₂ 3c _{3/4}		3c _{1/2/3/11}	2b ₁
B	4-5		FUTURE EXPANSION							
B	06		Perform Preventive Maintenance Actions		B	3c	3c ₄	3c	3c ₄	3c
B	07		Perform Mission Transfer/Deployment/Relocation							
		A	Perform Mission Transfer/Relocation		B	3c	1a ₂ 3c _{3/4}	3c	1 a ₂ 2b 1/3 3c ₄	3c ₂
		B	Understand Deployment/Relocation Procedures	2	B	B	B _{5/10}	B	B ₁₀ C ₁₂	B
		C	Ground Mobile Procedures	1/2/3	C	3c			3c ₁₂	
			MISSION PROCEDURES							
C	01		Perform Prepass Procedures		B	1b ₃ 3c	2b ₃ 3c	3c	3c	3c
C	02		Perform Commanding Actions		B	c ₄ 3c ₉	3c		3c	
C	03		Perform Satellite Telemetry Analysis							
		A	Perform Subsystem Telemetry Analysis		B	a ₄ 3c _{1/2}	3c		a ₃ 3c	
		B	NOT USED							
		C	Perform Ground System Telemetry Analysis	3	B	c ₂ 3c ₁	3c _{1/4}	2b	a _{8/11} 3c	3c
C	04		Perform GPS Payload Operations	1/3/4						
		A	Perform Navigation Upload Actions		B	3c		3c	3c	
		B	Perform Diagnostics		B			3c		3c
		C	Perform Special Message Actions		B	3c		3c		
		D	Perform SA/A-S Implementation		B	3c		3c		

		E	Perform GUV Supersession Actions		B	3c		3c		
C	05		Perform Postpass Actions		B	3cc3	3c		3c	3c1
C	06		Perform Rekey/Compromise Procedures	1/2/3						
		A	Perform Routine Rekey		A	1c			3C6/12	
		B	Perform Rekey Support Actions		B	1c			3C6/12	
		C	Perform Compromise Rekey Actions		B	2c			3C6/12	
		D	Perform Contingency Rekey Actions		B	2c			3C6/12	
		E	Perform Breaking the Chain Actions		B	1c			3C6/12	
		F	DELETED							
C	07		Perform Crosslink Procedures	1/2/3						
		A	Manage Crosslink Connectivity		B	3c	1c		3C6/12	
		B	Perform Crosslink Defragmentation		B	3c	1c		3C6/12	
		C	Perform Crosslink Fragmentation		B	3c	1c		3C6/12	
C	08		Perform Ephemeris/Clock CPCI Management	1/3						
		A	Manage Ephemeris		B	1c4		3c	3C6/12	
		B	Manage Time/Frequency		B	1c4	3c4	3c	3C6/12	
		C	Manage Multi-SAT Clock	2	B	1c	a		3C6/12	
		D	Perform Kalman Filter Actions	4	B			3c		
C	09		Perform Non-Real Time Support Analysis							
		A	Perform Non-Real Time Telemetry Analysis	2		B _{T/1}	B _T		B _{T/1/3/11}	
		B	Perform Commanding Evaluations	1/2			B _T		B _{T/3/11}	
		C	Perform RTS/GA Playbacks	3		B _{T/1/2}	B _{T/2/4}		B _{T/1/2/3/11}	B _{T/1/2}

C	10		Perform Planning and Scheduling Actions		A1/B	3c	3c8		3c8	B1
C	11		Perform Database Management	1/3						
		A	Perform Off-line Actions		B	a4	3c4	3c	3c6	
		B	Perform On-line Actions		B	a	3c	3c	3c6	
			NOT USED							
D			NOT USED							
			EMERGENCY PROCEDURES							
E	01		Perform Fire/Overheat Procedures		A	3c	3c	3c	3c	3c
E	02		Perform Security Procedures							
		A	Respond to Physical Security Violations		A	3c	3c	3c	3c	3c
		B	Respond to Bomb Threat		A	3c	3c	3c	3c	3c
		C	Perform FPCON Actions		B	3c	3c	3c	3c	3c
E	03		Perform Evacuation Procedures		A	3c	3c	3c	3c	3c
E	04		Perform Emergency Fault Procedures		A	3c	3c	3c	3c10/11	3c
			LERTCON PROCEDURES							
F	01		Perform LERTCON Actions							
		A	DELETED							
		B	Perform LERTCON Actions		B	3c	a8		a8	
		C	NOT USED							

<p>POSITIONS:</p> <p>CMDR = All</p> <p>SVO = 2/3/4 SOPS</p> <p>PSO = 2 SOPS</p> <p>SOO = 4 SOPS</p>	<p>SSO = All</p> <p>BMR = ALL</p> <p>CCH = 1/2/3 SOPS</p> <p>GSO = 1/2 SOPS</p>	<p>¹ 1 SOPS Only</p> <p>² 2 SOPS Only</p> <p>³ 3 SOPS Only</p> <p>⁴ 4 SOPS Only</p> <p>⁵ DSCS SVO Only (3 SOPS)</p> <p>⁶ EHF/SSO Only (4 SOPS)</p> <p>τ = Train Only tasks</p>	<p>⁷ Except 1 SOPS</p> <p>⁸ Except 2 SOPS</p> <p>⁹ Except 3 SOPS</p> <p>¹⁰ Except 4 SOPS</p> <p>¹¹ SGLS SSO only (4 SOPS)</p> <p>¹² EHF/SOO (4 SOPS Mobile only, located in SSO column only)</p>
--	---	--	--

LEVEL A TEPS FOR SATELLITE CONTROL (1/2/3/4 SOPS)

A5.2. Respond to Accident/Injury/Illness Notifications (A03A):

Constraints:

1. Accidents and life-threatening situations must be clearly recognizable (difficulty breathing, unconscious, severe/uncontrollable bleeding, heart-failure, severe nausea, etc.).
2. Incident must occur within or in the immediate vicinity of any area that would affect the mission (e.g. module or mobile operations area) or affect mission essential personnel.
3. For non life-threatening injuries/illnesses, train/evaluate to Level B.
4. Evaluatee/trainee will not be required to perform first aid.
5. Qualified personnel will be available to perform first aid.
6. Emergency response agency will act as a knowledgeable agency and respond appropriately.

Table A5.4. Respond to Accident/Injury/Illness.

PERFORMANCE	STANDARD
1. Obtain information, direct first aid application, request assistance and direct safing operations as needed.	1.1. Within 8 minutes of receipt of indications.

A5.3. Respond to Severe Weather/Natural Disaster Notifications (A03B):

Constraints:

1. If not life threatening, equipment damaging, and/or does not affect mobile operations, train/evaluate to Level B.
2. Type and severity of presented condition must be clearly recognizable (“you feel an earthquake, thunderstorms within **10** nautical miles”).
3. Required communications must be functional.

Table A5.5. Respond to Severe Weather/Natural Disaster.

PERFORMANCE	STANDARD
1. Obtain information, direct evacuation as applicable, make notifications, and direct/coordinate equipment configuration as required.	1.1. Within 8 minutes of receipt of indications.

A5.4. Submit OPREP-3 (A09A):

Constraint: If required voice communications are not available, train/evaluate to Level B.

Table A5.6. Submit OPREP-3.

PERFORMANCE	STANDARD
1. Establish voice contact and forward information on potential OPREP-3 reportable events to applicable agency.	*1.1. Within 15 minutes of indications of potential OPREP-3 reportable events. (IAW AFSPCI 10-202).

A5.5. (2 SOPS AND 4 SOPS ONLY) User Specific Reports (A09E):

Constraints:

1. Navigation outage must exceed **20** minutes. (FAA/GPSIC Report)
2. Navigation outage must exceed **30** minutes. (NANU Report)
3. Outage must be unscheduled.
4. If required voice communications are not available, train/evaluate Performances 1 and 2 to Level B.

Table A5.7. (2 SOPS and 4 SOPS Only) Submit User Specific Reports.

PERFORMANCE	STANDARD
<p>1. SUBMIT FAA/NAVCEN REPORT (2 SOPS ONLY)</p> <p>1.1. Submit report to the FAA.</p>	<p>*1.1.1. Within 30 minutes from the start of the navigation outage.</p> <p>*1.1.2. Within 10 minutes from navigation outage end time.</p>
<p>2. SUBMIT GPSIC REPORT (2 SOPS ONLY)</p> <p>2.1. Notify GPSIC of navigation outage via voice report.</p> <p>2.2. Notify GPSIC of navigation signal recovery following navigation outage via voice report.</p>	<p>*2.1.1. Within 30 minutes from start of the navigation outage.</p> <p>*2.2.1. Within 10 minutes from navigation outage end time.</p>
<p>3. SUBMIT NANU REPORT (2 SOPS ONLY)</p> <p>3.1. Notify navigation users.</p>	<p>*3.1.1. Within 1 hour from the start of the navigation outage.</p> <p>*3.1.2. Within 1 hour from navigation outage end time.</p>
<p>4. SUBMIT USER MESSAGE (4 SOPS ONLY)</p> <p>4.1. Notify users of over-the-air-rekey outage.</p>	<p>4.1.1. Within 10 minutes of over-the-air-rekey outage.</p>

A5.6. Determine/Report Ground System OPSCAP (A09F):

Constraint: If required voice communications are not available, train/evaluate to Level B.

Table A5.8. Determine/Report Ground System OPSCAP.

PERFORMANCE	STANDARD
<p>1. Report OPSCAP to applicable agency.</p>	<p>1.1. Within 10 minutes of notification/determination of a reportable OPSCAP change.</p>

A5.7. (2,3,4, SOPS Only) Determine/Report Vehicle System Status (A09G): **Constraint:** If required voice communications are not available, train/evaluate to Level B.

Table A5.9. Determine/Report Vehicle System Status.

PERFORMANCE	STANDARD
1. Report Vehicle System Status to applicable agency.	1.1. Within 10 minutes of notification/determination of a reportable vehicle system status change.

A5.8. (2,3,4, SOPS Only) Respond to Subsystem Anomalies (B03D):**Constraints:**

1. Do not present performance #2 on Mode III or IV vehicles.
2. SVO must be present during any presentation of satellite anomalies.
3. Over temperature procedure must exist for performance #4.

Table A5.10. Respond to Subsystem Anomalies.

PERFORMANCE	STANDARD
1. Respond to Vehicle Anomalies 1.1. Initiate corrective actions.	1.1.1. Within 5 minutes of initial indications of an anomalous condition.
2. (2 SOPS only) Block II/IIA Impending Loss of Earth 2.1. Initiate Corrective Actions.	2.1.1. Within 8 minutes of initial indications of an impending Loss of Earth condition.
3. (1/2 SOPS only) RCS Tank Safing 3.1. Transmit Tank-close command.	3.1.1. Within 2 minutes of initial indications of an RCS Tank Leak condition.

A5.8a. (2 SOPS PSO Only) Perform Diagnostics (C04B):Constraints: **None****Table A5.11. (2 SOPS PSO Only) Perform Diagnostics.**

PERFORMANCE	STANDARD
1. Determine if anomalous conditions exists; initiate corrective actions (if required); notify and brief any anomalous conditions to AOC.	1.1. Within 30 minutes of initial indications a potential anomalous condition.

A5.9. (4 SOPS Only) Perform Routine Rekey (C06A):

Constraints: EHF SSO/SOO must be present for presentation of priority rekey task.

Table A5.12. (4 SOPS Only) Perform Routine Rekey.

PERFORMANCE	STANDARD
1. Initiate priority rekey task.	*1.1. Immediately after indications are received.

A5.10. Perform Fire/Overheat Procedures (E01):**Constraints:**

1. Uncontrollable fires and fires that endanger human life must be clearly recognizable (fire extinguisher application unsuccessful in stopping fire, fire rapidly spreading, overpowering smoke or noxious odors, toxic fumes, etc.).
2. Fire must occur within any area that would affect the mission (e.g. module or mobile operations area).
3. Problem presentation must clearly identify location of fire condition.
4. Evaluator/instructor must provide status that crew member's senses would detect but cannot be simulated.
5. Response agency will act as a knowledgeable agency and respond appropriately.
6. If required communications are not available, train/evaluate to Level B.
7. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A5.13. Perform Fire/Overheat Procedures.

PERFORMANCE	STANDARD
1.1. Direct fire containment (if applicable). Notify primary fire agency, request assistance, direct appropriate evacuation and brief location.	1.1. Within 8 minutes of initial indications of a controllable fire.
1.2. Simulate application of fire extinguisher.	1.2. Within 2 minutes of initial indications of a controllable fire.

A5.11. Respond to Physical Security Violations (E02A):**Constraints:**

1. Physical Security violations must be clearly recognizable.
2. Incident must occur within or in the immediate vicinity of any area that would affect the mission (e.g the module or mobile operations area) or affect mission essential personnel.
3. Security forces will act as a knowledgeable agency and declare a HH/CW as appropriate.
4. If required communications are not available, train/evaluate to Level B.

Table A5.14. Respond to Physical Security Violations.

PERFORMANCE	STANDARD
1. Notify primary security agency and make PA announcement (if required).	1.1. Within 4 minutes of initial indications of a security incident.

A5.12. Respond to Bomb Threat (E02B):**Constraints:**

Security forces will act as a knowledgeable agency and respond appropriately.

1. Do not present bomb threat against non-mission operations facility. (e.g. Any facility not involved in operations or command of mission).
2. Bomb threats against specific locations must be clearly recognizable (correct building/facility name or building number).
3. If required communications are not available, train/evaluate to Level B.
4. Situation cannot exist which prohibits personnel from evacuating the facility.

Table A5.15. Respond to Bomb Threat.

PERFORMANCE	STANDARD
1. Notify primary security agency and brief all indications; direct appropriate evacuation; make/direct PA announcement to search and secure work areas.	1.1. Within 4 minutes of time indications received.

A5.13. Perform Evacuation Procedures (E03):**Constraints:**

1. Situations requiring facility evacuation must be clearly recognizable (uncontrollable fire, bomb/suspicious object found, severe structural damage placing personnel safety in jeopardy, etc.).
2. Response agency will act as a knowledgeable agency and respond appropriately.
3. If required communications are not available, train/evaluate to Level B.
4. Situation cannot exist which prohibits personnel from evacuating the facility.
5. When presented while on support, vehicle and ground equipment must be in a nominal configuration.

Table A5.16. Perform Evacuation Procedures.

PERFORMANCE	STANDARD
1. Direct evacuation and vehicle safing. Make/direct PA announcement. Evacuate the affected area.	1.1. Within 5 minutes from requirement to evacuate.

A5.14. Perform Emergency Fault Procedures (E04):

Constraints:

1. When presented while on support, vehicle and ground equipment must be in a nominal configuration.
2. (Performance 3 only) Train/evaluate only faults causing OPSCAP **Red** or **Yellow**.

Table A5.17. Perform Emergency Fault Procedures.

PERFORMANCE	STANDARD
1. Loadshedding (1, 3, 4 SOPS) 1.1. Terminate satellite contact and shutdown DASD and Harris racks.	*1.1. Within 15 minutes of notification from appropriate agency.
2. Loadshedding (2 SOPS) 2.1. Terminate satellite contacts and direct COR to complete software shutdown.	*2.1. Within 15 minutes of notification from appropriate agency.
3. Abnormal Temperature, Humidity, Loss of HVAC 3.1. Direct corrective actions	*3.1. Within 2 minutes from the time status presented.
4. Computer Room Water Leak 4.1. Direct/activate emergency power off.	*4.1.1. Within 2 minutes after indications are received.