

**BY ORDER OF THE COMMANDER
AIR FORCE SPACE COMMAND**

**AIR FORCE SPACE COMMAND INSPECTION
CHECKLIST 91-2**

1 JULY 1999

Safety

SAFETY PROGRAMS (MAJCOM/NAF/UNIT)



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This checklist reflects Command requirements for AFSPC safety offices to prepare for and conduct compliance inspections.

SUMMARY OF REVISIONS

This checklist updates references and changes format.

- 1.** References are provided for each item. Critical items are kept to a minimum and are related to public law, safety, security, fiscal responsibility, and/or mission accomplishment. While compliance with non-critical items is not rated, these items help gauge the effectiveness/efficiency of the function.
- 2.** This publication establishes a baseline checklist. HQ AFSPC/IG will also use the checklist during applicable assessments. Add to each area as needed to ensure all local requirements are met to accomplish an effective and thorough review of the unit safety program. See **Attachment 1** for MAJCOM Checklist, **Attachment 2** for NAF Checklist, and **Attachment 3** for Unit Checklist.

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Director of Safety

Attachment 1

SAFETY PROGRAMS (MAJCOM)

Table A1.1. MAJCOM Checklist.

SECTION 1: DIRECTOR OF SAFETY			
<p>MISSION STATEMENT: The Director of Safety and MAJCOM safety staff are responsible for managing the safety mishap prevention program and report directly to the commander. The safety staff provides program and operational safety support to commanders, functional managers, and subordinate organizations. Prime responsibilities include implementing the Air Force Mishap Prevention and Occupational Safety Programs and assisting commanders in preserving unit combat capability by reducing the accidental loss of personnel, facilities, equipment, and space assets to a minimum.</p> <p><i>NOTE:</i> All references are from AFI 91-202 unless otherwise stated.</p>			
1.1. CRITICAL ITEMS:	YES	NO	N/A
1.1.1. Does the safety staff report directly to the commander for implementation of the safety program elements? (para 2.2.1)			
1.1.2. Are the safety directives applicable, current, and do they direct the development of safety programs that implement the Air Force Mishap Prevention Program and Air Force Occupational Safety and Health Program to subordinate units throughout the command? (Paras 1.6.7 and 1.6.8.1; AFI 91-301, para 2.5.5.1)			
1.1.3. Does the safety program have provisions to analyze and distribute mishap prevention data, all safety communications, and identify appropriate mishap trends to all subordinate units? (Para 1.6.8.2)			
1.1.4. Does the safety staff evaluate the management, implementation, and effectiveness of the command's AFOSH program and Air Force Mishap Prevention Program? (AFI 91-301, para 2.5.5.5)			
1.1.5. Are all safety personnel qualified, properly trained to manage safety programs, and able to function at the staff level? (Para 2.1)			
1.1.6. Does the MAJCOM evaluate the safety program management of the NAFs and prepare a written report of the evaluation? (Para 3.2 and 3.2.3)			
1.1.7. Does the safety staff conduct staff assistance visits to subordinate units when problems, deficiencies, adverse trends, or special subjects require on-scene assistance? (Para 3.4)			
1.1.8. Is the MAJCOM monitoring Class A and B mishap corrective actions within the command and those resulting from mishaps for which the command is responsible? (AFI 91-204, paras 1.2.3.3 and 6.11.2)			
1.1.9. Does the MAJCOM have provisions to ensure assistance is provided to subordinate units for mishap investigations, including a current list of qualified Safety Investigation Board (SIB) members? (AFI 91-204, para 3.6)			

1.1.10. Does the MAJCOM ensure an adequate budget is available for the overall safety program, to include safety awards, support of safety program evaluations, staff assistance visits, mishap investigations, and special initiatives? (AFI 65-601, para 1.3.2)			
1.1.11. Does the MAJCOM safety staff have appropriate measures in place to control and handle limited-use safety reports? (AFI 91-204, para 1.13.1.4)			
1.1.12. Does HQ AFSPC/SEG ensure manpower authorization levels are adequate in terms of grade structures and quantities to support MAJCOM tasking? (AFI 38-201, para 1.4.3.1)			
1.2. NON-CRITICAL ITEMS:			
1.2.1. Does the safety staff compute standard mishap rates for Flight Safety and Ground mishaps for the MAJCOM? (Para 5.6)			
1.2.2. Does the MAJCOM safety staffs have appropriate program administrative functions, to include administrative documentation, files maintenance, disposition of mishap reports, and official correspondence? (Para 2.5.2 and AFI 37-138, para 1.1)			
SECTION 2: GROUND SAFETY			
MISSION STATEMENT: The ground safety staff provides program and operational safety support to commanders, functional managers, and subordinate organizations. The staff manages the ground safety mishap prevention program. NOTE: All references are from AFI 91-202 unless otherwise stated.	YES	NO	N/A
2.1. CRITICAL ITEMS:			
2.1.1. Does the safety staff provide safety advice and guidance to subordinate units? (AFI 91-301, para 2.5.5.4)			
2.1.2. Does HQ AFSPC/SEG process and monitor AFOSH variances requests to AFOSH standards and forward the variance requests recommended for approval to HQ AFSC? (AFI 91-301, paras 2.5.5.8, 6.5, and 6.6.4)			
2.2. NON-CRITICAL ITEMS:			
2.2.1. Are reportable ground mishaps forwarded to higher headquarters? (AFI 91-204, table 4-1)			
2.2.2. Is the safety staff providing AFSC a Command Endorsement within 90 days of all on-duty Class A and B mishaps for which the command is responsible? (AFI 91-204, table 5.5)			
2.2.3. Does the safety staff develop AFOSH standard supplements for MAJCOM unique operations where Air Force level guidance does not exist? (AFI 91-301 para 2.5.5.1)			

2.2.4. Does the safety staff provide AFSC information upon request to support the annual occupational safety and health program review and the DoD OSH Annual Report to the DOL? (AFI 91-301 para 2.5.5.6)			
2.2.5. Have procedures been established for obtaining and recording all OSHA visits to command installations or geographically separated units where OSHA officials have issued a notice of unsafe or unhealthy working condition citation? (AFI 91-301 para 2.5.5.11.)			
SECTION 3 : WEAPONS SAFETY			
MISSION STATEMENT: The weapons safety staff is responsible for ensuring that mishap prevention measures are used in areas of nuclear surety, missile safety, and explosive safety. The weapons safety staff is directly responsible for implementing the commander's mishap prevention program.			
<i>NOTE:</i> All references are from AFI 91-101 unless otherwise stated.			
3.1. CRITICAL ITEMS:	YES	NO	N/A
3.1.1. Does the MAJCOM have a nuclear surety program established and provide appropriate guidance to subordinate units? (Para 2.3.1)			
3.1.2. Does the MAJCOM ensure appropriate data on proposed changes to nuclear weapon systems and noncombat delivery vehicles are sent to AFMC or the appropriate program executive office? (Para 2.3.7)			
3.1.3. Does HQ AFSPC/SEW advise all appropriate MAJCOM staff agencies on significant nuclear surety issues? (Para 2.4.3)			
3.1.4. Does AFSPC/SEW publish directives outlining MAJCOM-unique nuclear surety requirements? (Para 2.4.4)			
3.1.5. Does AFSPC/SEW ensure that MAJCOM developed procedures comply with approved nuclear weapon system safety rules and agree with Air Force-approved operational and technical procedures? (AFI 91-102, para 22.1)			
3.1.6. Does AFSPC/SEW provide AFSPC/IG with appropriate instructions and guidance to conduct effective inspections of subordinate units? (Para 2.4.5)			
3.1.7. Does AFSPC/SEW ensure explosive site plans are reviewed? (AFMAN 91-201, para 4.3)			
3.1.8. Does AFSPC/SEW review and obtain HQ AFSPC/CV approval for sitings involving Q-D violations and deviations, then forward the sitings to HQ AFSC/SEWE for processing? (AFMAN 91-201AFSPC1, para 5.3)			
3.1.9. Has MAJCOM approved nuclear surety lesson plans for each applicable unit and do they include all required training topics? (Para 2.16.1 and 2.4.9)			
3.1.10. Does AFSPC/SEW review waivers annually and exemptions every 5 years for relevancy? (AFMAN 91-201, para 5.4.1)			

3.2. NON-CRITICAL ITEMS:	YES	NO	N/A
3.2.1. Does HQ AFSPC/SEW develop criteria for nuclear surety councils? (Para 2.4.2)			
3.2.2. Does AFSPC/SEW develop and distribute procedures for sealing, where appropriate? (AFI 91-104, para 3.3.2)			
3.2.3. Does AFSPC/SEW ensure full-time weapon safety officers are trained on MAJCOM unique items and philosophy of program management within 90 calendar days after assuming their jobs? (Para 2.4.7)			
3.2.4. Does AFSPC appoint a voting member to the Nuclear Weapon System Safety Group (NWSSG)? (AFI 91-102, para 5.2)			
3.2.5. Are all Air Staff approved NWSSG recommendations for which AFSPC is designated the action agency implemented? (AFI 91-102, para 14 and AFSPC1, para 14.2)			
3.2.6. Does AFSPC/SEW ensure nuclear units report deficiencies on certified items according to procedures in AFI 91-204? (AFI 91-103, para 3.2 and AFI 91-204, Chapter 12)			
3.2.7. Has AFSPC/SEW established a nuclear safety certification program? (AFI 91-103, para 3.2)			
3.2.8. Has AFSPC designated a person to manage the certification program? (AFI 91-103, para 3.2)			
3.2.9. Does AFSPC/SEW provide guidance on the nuclear safety certification program to the units? (AFI 91-103, para 3.2)			
3.2.10. Does AFSPC/SEW coordinate the certifying of facility lifting and suspension systems? (AFI 91-103, para 3.2)			
3.2.11. Does AFSPC/SEW evaluate proposed modifications, procedural changes, tests, or other activities involving nuclear weapons and take appropriate actions as outlined in paragraph 22.2 of AFI 91-102? (AFI 91-102, para 22.2)			
3.2.12. Does AFSPC/SEW review Secretary of the Air Force waivers and exemptions for continued validity and operational necessity? (AFMAN 91-201, para 5.4)			
3.2.13. Does AFSPC/SEW evaluate the management, implementation, and effectiveness of the Air Force mishap prevention program? (AFI 91-202, para 1.6.8.1)			
3.2.14. Does AFSPC/SEW analyze and distribute prevention data from mishap reports and analysis programs? (AFI 91-202, para 1.6.8.2)			
3.2.15. Does AFSPC/SEW review records from other agencies to ensure all appropriate mishaps involving AFSPC activities have been properly investigated and reported? (AFI 91-202, para 1.6.8.1)			

3.2.16. Have Weapons Safety Managers (WSM) completed the Air Education and training Command Weapons Safety Course? (AFI 91-202, para 2.1.4)			
3.2.17. Does AFSPC/SEW ensure that subordinate units develop standardized local weapon safety lesson plans if a standardized MAJCOM plan is not available? (AFI 91-202, para 10.10.1)			
3.2.18. Does AFSPC/SEW validate causes, corrective actions taken, and recommendations in mishap reports? (AFI 91-204, para 1.2.3.3)			
3.2.19. Does AFSPC/SEW provide a member to the Nonnuclear Munitions Safety Board (NNMSB) and weapon system safety groups, as applicable? (AFI 91-205, para 1.1)			
SECTION 4: FLIGHT SAFETY			
MISSION STATEMENT: The flight safety staff provides program and operational safety support to commanders, flight crews, and tenant organizations. Flight safety is responsible for developing and standardizing flight safety policy and procedures at AFSPC bases and in AFSPC flying units in support of the Air Force Mishap Prevention Program. NOTE: All references are from AFI 91-202 unless otherwise stated.			
4.1. CRITICAL ITEMS:	YES	NO	N/A
4.1.1. Does AFSPC/SEF evaluate the management, implementation, and effectiveness of the Air Force Mishap Prevention Program within the command? (Paras 1.6.8.1 and 3.2.1)			
4.1.2. Does AFSPC/SEF analyze and distribute flight mishap data? (Para 1.6.8.2)			
4.1.3. Does AFSPC/SEF review mishap reports to validate causes, corrective actions, and recommendations? (AFI 91-204, para 1.2.3.3)			
4.1.4. Does AFSPC/SEF review and monitor Class A and B mishap corrective actions within the command and report semi-annual status until closure to HQ AFSC? (AFI 91-204, para 6.10)			
4.2 NON-CRITICAL ITEMS:			
4.2.1. Does AFSPC/SEF carry out and develop flight safety education and training programs to meet command needs? (Para 6.2)			
4.2.2. Does AFSPC/SEF coordinate on directives, plans, and programs that affect safety? (Para 1.8.8)			
4.2.3. Does AFSPC/SEF provide technical assistance to Safety Investigation Boards? (AFI 91-204, para 1.2.4.1, 3.10, and 15.2.2.3)			
4.2.4. Does AFSPC/SEF review flight mishap investigation formal reports and prepare command endorsements? (AFI 91-204, para 6.4 and AFI 34-217, para 3.5.2.1)			
4.2.5. Does AFSPC/SEF lead the HATR program? (Para A3.5.4)			

4.2.6. Does AFSPC/SEF manage the command BASH program? (Para 7.11.1.1.8)			
<p>SECTION 5: SPACE SAFETY MISSION STATEMENT: Space safety is divided into launch safety, and orbital safety. The space safety discipline is also the command focal point for implementing system safety by establishing system safety requirements for all space systems. Launch safety includes launch operations safety, flight safety analysis, and mission flight control; orbital safety covers the post-launch phase of a space system and includes the control of hazards related to orbital debris minimization, collision avoidance, laser clearing-house functions, environmental hazards, and safing procedures in pass plans. Both launch and orbital safety require proper mishap reporting and prevention. NOTE: All references are from AFI 91-202 unless otherwise stated.</p>			
5.1. CRITICAL ITEMS:	YES	NO	N/A
5.1.1. Did the MAJCOM appoint trained system safety managers to act as points of contact to facilitate system safety matters and has the appointment notification been provided to HQ AFSC? (Paras 9.2.6 and 9.3.6.3)			
5.1.2. Are launch and orbital safety requirements incorporated into program requirement documentation generated at AFSPC? (Paras 1.4.2.1, 1.6.8.3, 9.3.6.1, and 11.2)			
5.1.3. Does the MAJCOM ensure units have adequate tailored space safety programs in place to meet mission needs? (Para 11.3.1)			
5.1.4. Is there a launch mishap plan? (AFI 91-204, paras 8.5.5.2 and 11.2.1)			
<p>5.2 NON-CRITICAL ITEMS:</p>			
5.2.1. Does the MAJCOM participate as System Safety Group (SSG) and System Safety Working Group (SSWG) members to ensure acquisition, testing, training development, and modification plans include adequate operational system safety criteria? (Para 9.3.6.2)			
5.2.2. Does AFSPC/SEC ensure mishap investigations and mishap reports are completed for AFSPC space mishaps? (AFI 91-204, para 1.2.3.1 and 9.3.10.1)			
5.2.3. Is safety guidance and support provided to subordinate units to resolve safety issues? (AFI 38-202, Para 1.1.1)			
5.2.4. Are AFSPC standards and policies for space and MRTFB operations in place where necessary? (Paras 2.9 and 11.1)			
5.2.5. Does the MAJCOM ensure space safety offices provide adequate training to all individuals involved in space operations? (Para 11.3)			
5.2.6. Does AFSPC/SEC validate causes, corrective actions taken, and recommendations in AFSPC space mishap reports? (AFI 91-204, para 1.2.3.3)			

Attachment 2

SAFETY PROGRAMS (NAF)

Table A2.1. NAF Checklist.

SECTION 1: DIRECTOR OF SAFETY			
MISSION STATEMENT: The Director of Safety and NAF safety staff are responsible for managing the safety mishap prevention program and report directly to the commander. The safety staff provides program and operational safety support to commanders, functional managers, and subordinate organizations. Prime responsibilities include implementing the Air Force Mishap Prevention and Occupational Safety Programs and assisting commanders in preserving unit combat capability by reducing the accidental loss of personnel, facilities, equipment, and space assets to a minimum.			
<i>NOTE:</i> All references are from AFI 91-202 unless otherwise stated.			
1.1. CRITICAL ITEMS:	YES	NO	N/A
1.1.1. Does the safety staff report and communicate directly to the commander for implementation of the safety program elements? (Para 2.2)			
1.1.2. Does the safety program have provisions to evaluate, analyze, and distribute mishap prevention data, all safety communications, and identify appropriate mishap trends to all subordinate units? (Paras 5.1, 5.4, 5.5)			
1.1.3. Are full-time safety personnel qualified, properly trained to manage safety programs, and able to function at the staff level? (Para 2.1)			
1.1.4. Does the safety staff conduct staff assistance visits (SAVs) to subordinate units when problems, deficiencies, adverse trends, or special subjects require on-scene assistance and are the SAVs effective in enhancing the command safety program? (Para 3.4)			
1.1.5. Does the safety staff have a safety focus in regards to strategic planning, goals, and objectives? (AFI 91-301, para 15)			
1.1.6. Are mishaps, safety inspections, and hazard reports logged and filed properly? (AFI 37-138, para 1.1)			
1.1.7. Does the NAF safety staff have an effective working relationship with higher headquarters and all subordinate units that allows for an accurate determination of the effectiveness of the Air Force Mishap Prevention Program? (para 1.6.8.1)			
1.1.8. Does the NAF have an inspection program in order to conduct Staff Assistance Visits and Technical Inspections? (AFI 90-201AFSPC1, paras 3.4, 3.12, and 4.1)			

SECTION 2: GROUND SAFETY			
MISSION STATEMENT: The ground safety staff provides program and operational safety support to commanders, functional managers, and subordinate organizations in support of the unit's ability to conduct combat operations. Prime responsibilities include implementing the Air Force Occupational Safety Program and preserving unit combat capability by reducing the accidental loss of personnel, facilities, equipment, and space assets to a minimum.			
<i>NOTE:</i> All references are from AFI 91-202 unless otherwise stated.			
2.1. CRITICAL ITEMS:	YES	NO	N/A
2.1.1. Has the NAF safety staff incorporated risk management when planning readiness-training exercises? (AFI 91-301AFSPC1, para 2.5.5.9)			
2.2. NON-CRITICAL ITEMS:			
2.2.1. Is the NAF/SEG qualified in the position? (Paras 2.1 and 2.1.8)			
2.2.2. Has the NAF/SEG developed a mishap analysis program to evaluate mishap statistics, identify trends, set direction for corrective actions, and provide lessons learned? (Para 5.5)			
2.2.3. Are NAF safety staffs ensuring rapid and accurate dissemination of mishap information? (AFI 91-204AFSPC1, para 4.3.1)			
2.2.4. Does the NAF/SEG review all AFOSH standard variance requests from subordinate units? (AFI 91-301AFSPC1, para 2.5.5.8)			
SECTION 3 : WEAPONS SAFETY			
MISSION STATEMENT: The weapons safety staff is responsible for ensuring that mishap prevention measures are used in areas of nuclear surety, missile safety, and explosive safety. The weapons safety staff is directly responsible for implementing the commander's mishap prevention program.			
<i>NOTE:</i> All references are from AFI 91-202 unless otherwise stated.			
3.1. CRITICAL ITEMS:	YES	NO	N/A
3.1.1. Does the NAF weapons safety staff manage the NAF weapons safety program? (Para 1.6.11.2)			
3.1.2. Does the NAF safety staff keep the commander informed of program status and hazards? (Para 1.6.11.5)			
3.1.3. Does the NAF safety staff review all explosive safety site plans containing exceptions prior to forwarding to HQ AFSPC/SEW for review? (AFMAN 91-201AFSPC1, paras 5.4 and 5.6)			
3.1.4. Does the NAF safety staff review OPLANS and exercises to ensure explosive safety compliance? (AFMAN 10-401, para 26.7)			

3.2. NON-CRITICAL ITEMS:	YES	NO	N/A
3.2.1. Does the NAF check for accuracy and completeness of nuclear mishap reports and the corrective actions for nuclear surety problems found during higher headquarters inspections or assistance visits? (AFI 91-101AFSPC1, para 7.10.6)			
3.2.2. Does NAF (20 AF) safety staff advise the chief of safety and staff on nuclear surety issues? (AFI 91-101AFSPC1, para 7.10.1)			
3.2.3. Has the NAF/SEW assumed Weapon Safety Manager training responsibilities from the MAJCOM? (AFI 91-101AFSPC1, para 7.10.3)			
3.2.4. Does the NAF safety staffs visit subordinate units when needed? (AFI 91-101AFSPC1, para 7.10.4)			
3.2.5. Does the NAF (20 AF) safety staff work with the personnel manager on Personnel Reliability Program issues? (AFI 91-101AFSPC1, para 7.10.5)			
3.2.6. Has the NAF (20 AF) safety staff developed a Nuclear Surety Program Inspection Checklist or supplement the MAJCOM Nuclear Surety Inspection Checklist for conducting Nuclear Surety Inspections? (AFI 90-201AFSPC1, paras 5.1.2)			
3.2.7. Does the NAF safety staff have a mishap analysis program to evaluate mishap statistics and identify trends? (Para 5.5)			

SECTION 4: FLIGHT SAFETY

MISSION STATEMENT: The wing safety staff provides program and operational safety support to commanders, flight crews, and tenant organizations. Individual primary responsibilities include implementing the Air Force Flight Mishap Prevention Program and preserving the unit combat capability by reducing to a minimum the accidental loss of personnel and aircraft. On bases with Aero clubs, the wing Flight Safety Officer provides guidance and expertise to the Aero club.

NOTE: All references are from AFI 91-202 unless otherwise stated.

4.1. CRITICAL ITEMS:	YES	NO	N/A
4.1.1. Does the NAF evaluate the effectiveness of the Air Force mishap prevention program in subordinate units and provide specific guidance for improvement? (Paras 1.6.8.1 and 3.2.1)			
4.1.2. Does the NAF (20 AF) conduct flight safety program evaluations of all AFSPC helicopter flights and forward a written report to HQ AFSPC/SE? (AFSPC1, para 3.2)			
4.1.3. Does the NAF/SEF participate in wartime safety planning? (AFMAN 10-401, para 26.3)			

SECTION 5: SPACE SAFETY (14 AF)			
MISSION STATEMENT: Space safety is divided into launch safety and orbital safety. The space safety discipline is also the focal point for implementing system safety by establishing system safety requirements for all space systems. Launch safety includes launch operations safety, flight safety analysis, and mission flight control; orbital safety covers the post-launch phase of a space system and includes the control of hazards related to orbital debris minimization, collision avoidance, laser clearing-house functions, environmental hazards, and safing procedures in pass plans. Both launch and orbital safety require proper mishap reporting and prevention.			
<i>NOTE:</i> All references are from AFI 91-202 unless otherwise stated.			
5.1. CRITICAL ITEMS:	YES	NO	N/A
5.1.1. Does the NAF identify and ensure resolution of space safety concerns that apply to NAF unique operations? (Para 11.1)			
5.1.2. Does the NAF ensure all space mishaps are categorized, investigated (Class B, C, D, and HAPS), and reported? (AFI 91-204, para 9.3)			
5.2 NON-CRITICAL ITEMS:			
5.2.1. Does the NAF provide oversight and guidance of unit system safety programs? (Para 11.1; AFI 38-202, para 1.1.1)			
5.2.2. Does the NAF provide guidance to space operations units in maintaining an orbital space safety program? (Para 11.2.2)			
5.2.3. Does the NAF provide oversight of significant spacelift safety issues that affect both launch ranges? (Para 11.2.1; AFI 38-202, para 1.1.1)			
5.2.4. Does the NAF review procedures, plans, and compliance requirements? (AFMAN 10-401, paras 26.1-26.3)			
5.2.5. Does the NAF support HQ AFSPC/SE in implementing and resolving space/orbital safety issues? (Para 11.2 and AFRD 91-2, para 3)			
5.2.6. Does the NAF review space-related mishap reports for accuracy and standardization? (AFI 91-204, paras 1.4.4.5 and 1.13.1.3)			

Attachment 3

SAFETY PROGRAMS (UNIT)

Table A3.1. UNIT Checklist.

SECTION 1: CHIEF OF SAFETY			
MISSION STATEMENT: The Chief of Safety and safety staff are responsible for managing the safety mishap prevention program and report directly to the commander. The safety staff provides program and operational safety support to commanders, functional managers, and subordinate organizations. Prime responsibilities include implementing the Air Force Mishap Prevention and Occupational Safety Programs and assisting commanders in preserving unit combat capability by reducing the accidental loss of personnel, facilities, equipment, and space assets to a minimum.			
<i>NOTE:</i> All references are from AFI 91-202 unless otherwise stated.			
1.1. CRITICAL ITEMS:	YES	NO	N/A
1.1.1. Does the Chief of Safety supervise the mishap prevention program for the commander and is the Chief of Safety qualified in the primary mission of the unit? (Para 2.1.1)			
1.1.2. Does the Chief of Safety determine the frequency of spot inspections and ensure activities that operate around-the-clock are adequately surveyed at times other than normal duty hours? (Para 3.1.2)			
1.1.3. Are all mishap reports required by AFI 91-204? (AFI 91-204, para 4.1)			
1.1.4. Are all safety disciplines consolidated under a single manager? (Para 2.2)			
SECTION 2: GROUND SAFETY			
MISSION STATEMENT: The ground safety staff provides program and operational safety support to commanders, functional managers, and subordinate organizations in support of the unit's ability to conduct its mission. Prime responsibilities include implementing a total base ground mishap prevention program to include both on- and off-duty activities.			
<i>NOTE:</i> All references are from AFI 91-202 unless otherwise stated.			
2.1. CRITICAL ITEMS:	YES	NO	N/A
2.1.1. Does the ground safety office ensure mishaps are reported and investigated in accordance with AFI 91-204? (Para 8.2 and 11.1)			
2.1.2. Do qualified safety personnel conduct safety inspections of Air Force facilities (to include utilization of trained unit safety representatives in administrative areas) and work areas annually? (Para 3.1)			
2.1.3. Does the ground safety office conduct spot inspections on a frequency determined by the Chief of Safety? (Para 3.1.2)			
2.1.4. Do qualified safety personnel conduct safety program management assessments of organizations below wing/group level when applicable? (Para 3.3)			

<p>2.1.5. Does the safety staff conduct ground safety evaluations of subordinate geographically separated units (GSU) at least once every 36 months? (Para 3.2 and AFI 91-301AFSPC1, para 8)</p>			
<p>2.1.6. Does the ground safety office coordinate mishap investigation information with the injury compensation program administrator and provide a representative to participate in the Federal Employs Compensation Act (FECA) working group? (AFI 91-301, para 2.9.5)</p>			
<p>2.1.7. Does the ground safety office provide effective safety advice and consultation services to base activities? (Para 8.2.6)</p>			
<p>2.1.8. Does the ground safety office maintain the installation master occupational hazard abatement file, including AF Form 3, Hazard Abatement Plan, covering occupational safety, fire, and health hazards and deficiencies? (AFI 91-301, para 2.9.14)</p>			
<p>2.1.9. Does the ground safety office maintain a master file or computerized access to approved occupational safety, fire protection, and health standards variances and evaluate and process new AFOSH standard variances? (AFI 91-301, para 2.9.9)</p>			
<p>2.1.10. Does the safety staff manage the mishap prevention program and report directly to the commander? (Para 2.1)</p>			
<p>2.1.11. Do full-time safety staffs develop locally oriented mishap analysis programs to evaluate mishap statistics and identify trends (as determined to be applicable by the GSM)? (Para 5.5)</p>			
<p>2.1.12. Are full-time safety staff members qualified, trained to manage safety programs, and able to function at a staff level? (Para 2.1)</p>			
<p>2.1.13. Does the ground safety office review worker's compensation claims involving occupational injuries and ensure that mishaps are investigated and reported? (AFI 91-301, para 2.9.4)</p>			
<p>2.1.14. Does the ground safety office maintain records of reportable mishaps and non-reportable, but recordable, events? (AFI 91-301, para 2.9.6)</p>			
<p>2.1.15. Does the ground safety office evaluate and process hazard reports and maintain a master hazard report log? (AFI 91-301, para 2.9.3)</p>			
<p>2.1.16. Does the ground safety staff serve as the focal point for implementation of the confined space standard; coordinate the installation confined space program, lead the confined space program team (CSPT)? (AFOSH STD 91-25, para 2.7)</p>			
<p>2.1.17. Does the ground safety office ensure the SEG representatives on the confined space program team (CSPT) are trained in confined space requirements and ensure they have attended a formal confined space course or have adequate experience in confined space operations? (AFOSH STD 91-25, para 2.7.4)</p>			
<p>2.1.18. Does the CSPT review the installation confined space program at least annually? (AFOSH STD 91-25, para 2.10.7)</p>			

2.1.19. Does the ground safety office maintain confined space records, to include a listing of all permits required and non-permit required confined spaces? (AFOSH STD 91-25, para 2.7.5)			
2.1.20. Does the ground safety office evaluate the effectiveness of unit-implemented procedures to protect confined space entrants? (AFOSH STD 91-25, para 2.7.6)			
2.1.21. Does the ground safety office conduct periodic inspections of the lockout/tagout program to ensure the program procedures, training, and self-inspection is accomplished? (AFOSH STD 91-45, para 5.3.1)			
2.2. NON-CRITICAL ITEMS:			
2.2.1. Are high-interest areas designated in writing, if appropriate, and spot inspected monthly and annually as a part of the facility inspection program? (Para 3.1 and AFI 91-301, para 2.9.12)			
2.2.2. Does the ground safety office budget for training and safety promotional campaign incentives; budget, acquire, and distribute safety education materials? (Para 8.2.7)			
2.2.3. Do qualified personnel assign risk assessment codes (RAC) to occupational safety hazards or deficiencies and coordinate with health and fire protection officials when required? (AFI 91-301, paras 2.9.7 and 16)			
2.2.4. Does the ground safety office assist in establishing funding priorities by using the abatement priority number (APN) system for hazard abatement projects during the budgetary cycle? (AFI 91-301, para 2.9.8)			
2.2.5. Does the ground safety office review work hazards as they apply to environmental differential pay (EDP) requests before final review and action by Civilian Personnel Flight (CPF)? (AFI 91-301, para 2.9.15)			
2.2.6. Does the ground safety office monitor hazardous conditions and make recommendations to CPF regarding EDP? (AFI 91-301, para 2.9.15)			
2.2.7. Does the ground safety office function as the primary point of contact for all DOL OSHA visits to the installation? (AFI 91-301, paras 2.9.17)			
2.2.8. Does the ground safety office assist supervisors in conducting job safety analyses of work processes and tasks? (AFI 91-301, para 2.9.20)			
2.2.9. Does the ground safety office support environmental safety and fire prevention efforts? (Para 8.2.3)			
2.2.10. Does the ground safety office provide the new commanders safety orientation? (Para 8.2.6)			
2.2.11. Does the ground safety staff assist tenant units with ground mishap reporting and assign appropriate mishap control numbers? (Para 8.2.9)			
2.2.12. Does the ground safety office, to include the GSU, maintain a daily record of on-duty civilian illness and injuries? (AFI 91-204, para 4.12)			

2.2.13. Are ground safety inspections recorded in writing and did the inspections address the scope of all seven areas listed in AFI 91-202, including follow-up actions? (Paras 3.1.4.4 and 3.1.4.5)			
2.2.14. Does the safety staff perform safety program assessments including a safety inspection as part of the program assessment at intervals not to exceed 3 years and prepare a written report? (Paras 3.3.1 and 3.3.2)			
2.2.15. Does the ground safety office evaluate and monitor the personal protective equipment (PPE) program as it pertains to safety-related conditions? (AFI 91-301, para 2.9.11)			
2.2.16. Does the safety office have equipment listed in the Tables of Allowances required to accomplish the mission? (Para 2.4.2)			
2.2.17. Does the safety office establish and maintain a safety publications library? (Para 2.6 and AFI 91-301, para 2.9.13)			
2.2.18. Is the Air Force Manpower Standard used to determine the required size of the safety staff? (Para 2.1, AFMS 106A, AFMAN 30-130, and AFI 38-201)			
2.2.19. Does the ground safety office post AF Form 739 provided by military public health (MPH) with the injury logs to satisfy the OSHA requirements for a single-point access to injury or illness logs? (AFI 91-204, paras 4.12.2.2 and 4.13)			
2.2.20. Does the ground safety staff ensure local purchase requests for equipment meet safety requirements? (Para 8.2.8)			
2.2.21. Does the ground safety staff prepare the annual summary of occupational injuries, post it as required, and forward a copy to HQ AFSPC/SEG NTL 15 November of each fiscal year? (AFI 91-204, para 4.12.3)			
<p>SECTION 3 : WEAPONS SAFETY</p> <p>MISSION STATEMENT: The weapons safety staff is responsible for ensuring that mishap prevention measures are used in areas of nuclear surety, missile safety, and explosive safety. The weapons safety staff is directly responsible for implementing the commander's mishap prevention program.</p> <p><i>NOTE:</i> All references are from AFI 91-202 unless otherwise stated.</p>			
3.1. CRITICAL ITEMS:	YES	NO	N/A
3.1.1. Does the weapons safety staff review, help develop and coordinate on locally developed checklists, instructions, operating procedures, and plans that impact nuclear surety/weapons safety? (Para 10.4.6 and 10.4.8; AFI 91-101, para 2.11.14; AFI 91-101AFSPC1, para 7.1.7.14)			
3.1.1.2. Does the weapons safety staff participate in training and exercise planning that includes use of explosive simulators and weapons? (Para 10.4.10.8 and 2.1; AFMAN 91-201, para 2.16)			
3.1.1.3. Does the weapons safety staff approve and annually review unit weapons safety lesson plans? (Para 10.10.2)			

<p>3.1.1.4. Does the weapons safety staff coordinate on nuclear surety lesson plans and tests, and periodically observe training? (AFI 91-101, para 2.11.11)</p>			
<p>3.1.1.5. Does the weapons safety staff work with base civil engineering, historian, and MAJCOM safety staff to develop plans to clear land contaminated with ammunition or explosives? (AFMAN 91-201, para 6.8.3.1)</p>			
<p>3.1.1.5.1. Are the plans to clear land of contamination approved by the Department of Defense Explosive Safety Board prior to land lease, transfer or disposal? (AFMAN 91-201, para 6.8.3.4)</p>			
<p>3.1.2. Does the weapons safety staff ensure explosive safety site plans are accomplished as required? (Para 10.5.1; AFMAN 91-201, para 4.2; AFI 91-101AFSPC1, para 13.19)</p>			
<p>3.1.2.1. Is the weapons safety staff the OPR for explosive safety site plans? (AFMAN 91-201, para 4.2)</p>			
<p>3.1.2.2. Does the weapons safety staff ensure site plans are prepared and retained in accordance with AFMAN 91-201 and AFSPC supplement? (AFMAN 91-201, Chapter 4 and para 4.2)</p>			
<p>3.1.3. Does the weapons safety staff ensure explosive exceptions (waivers, exemptions, and deviations) are submitted when appropriate and have the proper level of approval authority? (Paras 10.4.1, 10.4.2, and 10.4.4; AFMAN 91-201, para 5.3)</p>			
<p>3.1.3.1. Does the weapons safety staff advise commanders in writing of the increased damage potential these explosive exceptions allow? (Paras 10.4.3 and 10.4.9)</p>			
<p>3.1.3.2. Does the weapons safety staff advise each new commander in writing of explosive waivers, exemptions, and deviations? (Para 10.4.9)</p>			
<p>3.1.3.3. Does the weapons safety staff ensure units take compensatory measures required on approved explosive exceptions to minimize mishap potential? (Para 10.4.5)</p>			
<p>3.1.3.4. Are waivers reviewed annually on the anniversary of the approval date? (AFMAN 91-201, para 5.4.1)</p>			
<p>3.1.3.5. Are exemptions reviewed every 5 years on the anniversary of the approval date? (AFMAN 91-201, para 5.4.1)</p>			
<p>3.1.3.6. Are reviews of waivers, exemptions, and deviations documented and forwarded through the NAF/SEW to HQ AFSPC/SEW? (AFMAN 91-201AFSPC1, para 5.4)</p>			
<p>3.1.4. Does the weapons safety staff maintain an explosives location map that includes all items listed in AFI 91-202 (to include the AFSPC supplement) and review it annually? (Para 10.4.11)</p>			
<p>3.1.4.1. Is an alternate explosive movement route designated on the explosive location map? (Para 10.4.11.3 and AFMAN 91-201, para 2.68)</p>			

<p>3.1.5. Does the weapons safety staff grant explosive facility licenses, AF Form 2047, for storage of mission-essential explosives in non-sited locations in accordance with AFMAN 91-201? (Para 10.5.2 and AFMAN 91-201, paras 2.35 and 2.38)</p>			
<p>3.1.5.1. Does the weapons safety staff physically inspect facilities to ensure requirements of AFMAN 91-201 are met prior to approving explosive licenses? (AFMAN 91-201, para 2.35.4)</p>			
<p>3.1.5.2. Does the weapons safety staff coordinate the license with the base fire chief and security police? (AFMAN 91-201, para 2.35.4)</p>			
<p>3.1.5.3. Are licenses reviewed at least annually for continued requirement and applicability? (AFMAN 91-201, para 2.35.5)</p>			
<p>3.1.5.4. Are licenses and operating procedures displayed at each storage location? (AFMAN 91-201, para 2.35.5)</p>			
<p>3.1.5.5. Are fire and chemical symbols properly posted? (AFMAN 91-201, paras 2.35.4.2 and 2.25.7)</p>			
<p>3.1.5.6. Are the housekeeping requirements of AFMAN 91-201 complied with? (AFMAN 91-201, para 2.10)</p>			
<p>3.1.5.7. Are explosive and chemical items designated for mobility stored in the base munition storage area until ready for shipment? (AFMAN 91-201, para 2.35.1)</p>			
<p>3.1.6. Does the weapons safety staff conduct annual nuclear surety inspections? (AFI 91-101, para 2.11.1)</p>			
<p>3.1.6.1. Does the weapons safety staff develop and maintain a nuclear surety inspection checklist, or supplement higher headquarters checklists? (AFI 91-101AFSPC1, para 13.21)</p>			
<p>3.1.7. Does the weapons safety staff keep the commander and staff informed of mishaps, pertinent Dull Swords, changes to applicable nuclear weapons safety rules, and other related nuclear surety/weapons safety issues? (Para 1.6.11.5; AFI 91-101, paras 2.11.5 and 2.11.12; and AFI 91-101AFSPC1, para 13.18)</p>			
<p>3.1.8. Does the weapons safety staff check the adequacy and completeness of corrective action on problems found during all inspections? (AFI 91-101, para 2.11.2; AFI 91-101AFSPC1, para 13.16)</p>			
<p>3.1.9. Does the weapons safety staff ensure all weapons-related mishaps are properly investigated and reported? (AFSPC1, para 1.8.12.6 and AFI 91-101AFSPC1, para 7.1.7.7)</p>			
<p>3.1.9.1. Does the weapons safety staff ensure notification procedures are in place to notify them of nuclear surety incidents or mishaps? (AFI 91-101AFSPC1, para 13.20)</p>			
<p>3.1.10. Does the weapons safety staff inspect all work areas periodically for overall weapons safety criteria through spot inspections? (Paras 3.7.1 and 10.4.1;AFI 91-101, para 2.11.10)</p>			

3.1.10.1. Are weapons high-interest areas designated and inspected monthly by spot inspection and annually as a part of the facility and work area inspection? (Para 3.6)			
3.1.10.2. Does the weapons safety staff monitor operations involving weapons to ensure compliance with all safety standards? (Para 10.4.1)			
3.1.10.2.1. Does the weapons safety staff ensure that supervisors, workers, casuals, and visitors are briefed prior to entering an area containing explosives? (AFMAN 91-201, paras 2.3 and 2.4; AFI 91-104AFSPC1, para 1.2.2)			
3.1.10.2.2. Does the WSM ensure that the weapon system safety rules for intercontinental ballistic missile weapon systems are complied with ? (AFI 91-114, Section B)			
3.1.11. Does the weapons safety staff evaluate and monitor unit weapons safety training? (Para 10.10.2)			
3.1.11.1. Is the weapons safety training tailored to the individual's specific duties and weapons systems? (Para 10.10.2)			
3.1.11.2. Is recurring weapons safety training conducted annually, not later than the end of the month in which the initial training was conducted? (Para 10.10.2)			
3.1.12. Did the commander designate personnel to perform a quarterly review of Inhabited Building Distance (IBD) to ensure the areas remain open, uninhabited, and unused; and if the review determines violations exist, are measures taken to reduce explosives limits? (AFMAN 91-201, para 3.2.1.1)			
3.1.13. Does the WSM check munitions and missile maintenance activities to ensure only authorized or certified equipment and Air Force approved T.O.s, checklists, or procedures are being used with nuclear weapons? (AFI 91-101, para 2.11.8)			
3.2. NON-CRITICAL ITEMS:			
	YES	NO	N/A
3.2.1. Do weapons safety personnel manage the weapons safety program? (Para 1.6.11.2)			
3.2.2. Do weapons safety personnel keep the commander informed on program status and hazards? (Para 1.6.11.5)			
3.2.3. Does the weapons safety staff maintain a viable safety education and publicity program? (AFI 91-101AFSPC1, para 13.24)			
3.2.4. Are all Weapons Safety Managers (WSM) qualified in their specialty code (AFSC) or civil service equivalent in the maintenance or operation of nuclear weapons, missiles, or non-nuclear munitions? (Para 2.1.4)			
3.2.5. Have all full-time WSMs completed the Air Education and Training Command (AETC) Weapons Safety Course? (Para 2.1.4)			
3.2.6. Do all required subordinate units have a weapons safety program? (Para 10.1.1)			

3.2.7. Does the weapons safety staff participate in the quality improvement process in all areas? (para 10.4.10)			
3.2.8. Does the weapons safety staff validate license requests and the quantity of explosives prior to approving explosive licenses? (AFMAN 91-201, para 2.35.4)			
3.2.9. Does the weapons safety staff ensure licenses clearly state location and explosives quantities authorized? (AFMAN 91-201, para 2.35.4)			
3.2.10. Are licenses renewed each time a type or quantity of explosives changes? (AFMAN 91-201, para 2.35.5)			
3.2.11. Are licenses revoked when no longer required? (AFMAN 91-201, para 2.35.5)			
3.2.12. Does the weapons safety staff exercise cancellation authority of licenses when conditions warrant? (AFMAN 91-201, para 2.35.5)			
3.2.13. Does the weapons safety staff ensure HQ AFSPC/SEW is notified when a waiver, exemption or deviation is no longer needed? (AFMAN 91-201, para 5.4 and AFMANAFSPC1 91-201, para 5.4)			
3.2.14. Does the weapons safety train staff Unit Safety Representatives within 30 days after appointment? (Para 6.2 and AFI 91-101AFSPC1, para 13.22)			
3.2.15. Are local situations that could increase the risk of a nuclear mishap included in initial and refresher training? (AFI 91-101, para 2.16.2)			
3.2.16. Are deficiencies on training weapons reported as maintenance assistance requests? (AFI 91-204, para 12.3.5.1.4)			
3.2.17. Are nuclear mishap statistics or nuclear safety deficiency statistics not compiled and published for statistical comparison? (AFI 91-204, paras 12.1.2.2)			
3.2.18. Does the weapons safety staff review quality assurance summaries and standardization findings to identify nuclear surety trends or problem areas? (AFI 91-101AFSPC1, para 13.23)			
3.2.19. Is a nuclear surety council established and in compliance with the requirements of AFI 91-101? (AFI 91-101, para 2.17 and AFI 91-101AFSPC1, para 18.6)			
3.2.20. Does the weapons safety staff review nuclear surety mishap reports and disseminate pertinent information to subordinate units? (AFI 91-101, para 2.11.4 and AFI 91-101AFSPC1, para 13.17)			
3.2.21. Are weapons safety mishaps (explosive, missile, and nuclear) properly categorized? (AFI 91-204, paras 8.2, 10.1, and 12.2)			
3.2.22. Are weapons safety mishaps (explosive, missile, and nuclear) properly classified? (AFI 91-204, paras 8.4, 10.3, and 12.6.3)			
3.2.23. Are weapons safety mishaps properly reported? (AFI 91-204, paras 8.5, 10.4, and 12.3)			

3.2.24. Are safety reports combined properly if required? (AFI 91-204, paras 8.5.3, 10.4.5, and 12.2.1.3)			
3.2.25. Are hazard reports (HR) involving weapons safety processed properly? (Para 4.3)			
3.2.26. If R&D missile mishaps are reported using the alternate method, are proper procedures followed? (AFI 91-204, para 8.5.5)			
3.2.27. Does the weapons safety staff work with Commanders, staff, supervisors and support personnel to ensure the Personnel Reliability Program (PRP) is properly administered? (AFI 91-101, para 2.11.6)			
3.2.28. Does the WSM attend the base-level PRP meetings? (AFI 91-101, para 2.11.7)			
3.2.29. Does the WSM attend base-level Facilities Utilization Board (FUB) meetings to ensure they are aware of any activities that would affect or require an explosives site plan? (para 1.6.11.13 and 10.4.8)			
<p>SECTION 4: FLIGHT SAFETY</p> <p>MISSION STATEMENT: The unit safety staff provides program and operational safety support to commanders, flight crews, and tenant organizations. Individual primary responsibilities include implementing the Air Force Flight Mishap Prevention Program and preserving the unit combat capability by reducing the accidental loss of personnel and aircraft to a minimum. On bases with Aero clubs, the wing Flight Safety Officer provides guidance and expertise to the Aero club.</p> <p><i>NOTE:</i> All references are from AFI 91-202 unless otherwise stated.</p>			
4.1. CRITICAL ITEMS:	YES	NO	N/A
4.1.1. Does each unit conducting or supporting flight operations have a flight safety program to support its mission? (para 7.1)			
4.1.2. When the host unit does not have a Flight Safety Officer (FSO) authorization, does the largest tenant unit with an authorization manage the flight safety program? (para 7.1.2)			
4.1.3. Is the wing FSO current in a wing unit mission aircraft? (para 2.1.2)			
4.1.4. Has the full-time FSO attended the flight safety course (AFSC), WCIPO5A, before beginning or as soon as possible after assuming the FSO job? (paras 2.1.2 and 6.3)			
4.1.5. Does the FSO and FSNCO monitor all applicable flight-related facilities or operations included in AFI 91-202 as part of a continuous quality improvement program? (para 7.3)			
4.1.6. Does the FSO review and help develop plans and procedures for handling problems involving aircraft emergencies? (para 7.4)			
4.1.7. Do assigned FSOs and FSNCOs work closely with maintenance personnel for continuous quality improvement to include all applicable items in AFI 91-202? (para 7.5)			

4.1.8. Does the FSO provide mishap investigation board training to identified mishap investigation board members? (para 7.6 and AFI 91-204, para 3.5.2)			
4.1.9. Does the wing FSO conduct effective annual assessments of all assigned flying units? (paras 3.3 and 7.2.1)			
4.1.10. Is the host FSO, tenant FSO, or a member of the ground safety staff appointed by the unit commander to serve as an advisor to the base aero club? (para 7.8)			
4.1.11. Does the FSO monitor routine airfield maintenance and major construction projects and consider all the factors outlined in AFI 91-202? (para 7.9)			
4.1.12. Has the unit established a comprehensive Midair Collision Avoidance Program (MACA) that considers all key objectives in AFI 91-202 in coordination with MAJCOM, Chief Air Traffic Control Operation Officer, the airspace manager, and local Flight Standards District Officer? (para 7.10)			
4.1.13. Has the unit established a Bird/Aircraft Strike Hazard (BASH) program that meets all requirements in AFI 91-202? (para 7.11.1.3.1)			
4.1.14. Has the unit established a BASH Reduction Program? (paras 7.11.2 and 7.11.2.4)			
4.1.15. Does the unit report all Bird Strikes IAW AFI 91-202? (paras 7.11.3 and 7.11.2.4)			
4.1.16. Are hazardous air traffic reports (HATR) and hazard reports (HR) properly reported, investigated, and monitored for resolution? (para 7.7, Chapter 4, and Attachment 3)			
4.1.17. Are all aircraft mishaps properly investigated and reported IAW AFI 91-204? (AFI 91-204, Chapter 7)			
4.2 NON-CRITICAL ITEMS:			
4.2.1. Are aero club mishaps (miscellaneous air operations) reported promptly and correctly? (para 7.8 and AFI 91-204, para 15.2.2)			
4.2.2. Does the FSO attend ATC Board, FOD prevention, and unit stan/eval meetings? (para 7.12)			
4.2.3. Does the FSNCO (if there is one) have maintenance experience with the unit mission aircraft or have safety community experience? (para 2.1.7)			
4.2.4. Do the 30SW and 45 SW FSOs evaluate range airspace control safety? (AFSPC1, para 7.2.1)			

<p>SECTION 5: SPACE SAFETY MISSION STATEMENT: Space safety is divided into launch safety and orbital safety. The space safety discipline is also the focal point for implementing system safety by establishing system safety requirements for all space systems. Launch safety includes launch operations safety, flight safety analysis, and mission flight control; orbital safety covers the post-launch phase of a space system and includes the control of hazards related to orbital debris minimization, collision avoidance, laser clearing-house functions, environmental hazards, and safing procedures in pass plans. Both launch and orbital safety require proper mishap reporting and prevention. NOTE: All references are from AFI 91-202 unless otherwise stated.</p>			
<p>5.1. CRITICAL ITEMS - LAUNCH OPERATIONS SAFETY:</p>	<p>YES</p>	<p>NO</p>	<p>N/A</p>
<p>5.1.1. Does wing safety develop and implement required programs, practices, and procedures to reduce the risk to mission accomplishment, resources, and the public? (Para 2.9; AFSPCI10-120108, para 4.2.1 and DODD 3200.11, para 4.2.9.8)</p>			
<p>5.1.2. Are safety precautions taken prior to conducting hazardous or high-risk operations to include launch? (paras 1.6.11.15 and 2.9)</p>			
<p>5.1.3. Does the unit ensure safety is consistent with operational requirements, quantify risk and establish acceptable limits, and assure risk is accepted at an appropriate level? (para 2.9.1)</p>			
<p>5.1.4. Does the unit protect the general public to risk levels significantly less than average public exposure and use safety risk criteria consistent with Range Commanders Council Standard RSG 321-97 for debris hazard assessment? (AFSPC1 para 2.9.1)</p>			
<p>5.1.5. Does wing safety provide launch safety requirements for operational procedures? (AFSPCI10-120108, para 4.2.4)</p>			
<p>5.1.6. Does the unit establish safety requirements and ensure all range users are in compliance? (Para 2.9.2)</p>			
<p></p>			
<p>5.2 NON-CRITICAL ITEMS - LAUNCH OPERATIONS SAFETY:</p>	<p>YES</p>	<p>NO</p>	<p>N/A</p>
<p></p>			
<p>5.2.1. Do the ranges perform safety surveillance and take protective measures during safety-critical launch operations that could affect public or launch area safety? (AFSPCI para 2.9.3)</p>			
<p>5.2.2. Do units ensure that launch systems and payloads operating from the range do not pose an orbital safety hazard due to generation of excessive on-orbit debris by requiring users to submit an orbital debris report prior to launch approval? (AFSPCI para 11.22.3)</p>			
<p>5.2.3. Do units ensure that orbital debris reports include data on launch system debris hazards and mitigation and orbital system debris hazards and mitigation? (AFSPCI paras 11.22.3 and 11.22.3.1)</p>			

5.2.4. Does the unit standardize range safety requirements where possible and minimize cost and operational impact to range users? (AFSPCI para 2.9.2, AFSPCI10-120108, para 4.2.5)			
5.2.5. Do range safety requirements, at a minimum, regulate the design, checkout, and operations of all hazardous systems that could affect public or launch area safety? (AFSPCI para 2.9 and 2.9.3)			
5.2.6. Does wing safety establish operational safety criteria and display, tracking, and data processing parameters? (AFSPCI10-120108, para 4.2.8)			
5.2.7. Does the unit keep a list of current personnel qualified for launch mishap safety investigation boards (SIB)? (AFI 91-204, para 3.6)			
5.2.8. Are potential SIB members trained? (para A4.3.2)			
5.2.9. Does wing safety provide analyses of flight safety criteria and display tracking and data processing parameters? (AFSPCI10-120108, para 4.2.9)			
5.2.10. Are launch safety personnel given the proper safety training for their job tasks? (paras 11.3.2 and 2.1.6)			
5.2.11. Does wing safety review and approve all unit operations and training documentation? (AFSPCI10-120108, para 4.2.12)			
5.2.12. Are space-related mishaps and high-accident-potential incidents identified and reported through safety channels in a timely manner? (AFI 91-204 Chapters 4 and 5)			
5.2.13. Did the safety staff ensure contractor and commercial launch agencies for which they have oversight responsibilities, comply with all range safety requirements? (para 2.9.2 and DODD 3200.11, para 4.2.9.8.1)			
5.3. CRITICAL - MISSION FLIGHT CONTROL AND ANALYSIS ITEMS:			
5.3.1. Does the unit establish allowable ground and flight safety conditions and take appropriate action to ensure that launch vehicles do not violate the conditions, including the development of mission flight rules consistent with range safety requirements and operational needs? (paras 2.9 and 2.9.3; DODD 3200.11, para 4.2.9.8.4, AFSPCI10-120108, para 4.3.3)			
5.3.2. Does the Mission Flight Control Officer (MFCO) coordinate real-time safety waiver requests with the LDA as necessary? (AFSPCI10-120108, para 4.3.6)			
5.3.3. Does the MFCO serve as the sole authority for determining if the flight of a launch vehicle should be allowed to continue or terminated based on actual flight data and mission rules? (AFSPCI10-120108, para 4.3.4)			
5.3.4. Does the MFCO initiate flight termination action when flight data violates destruct criteria or mission rules? (AFSPCI10-120108, para 4.3.5)			
5.3.5. Does the MFCO provide the final range safety G0/No-Go for launch recommendation to the wing commander in compliance with flight rules? (AFSPCI10-120108, para 4.3.1)			

5.3.6. Are all mission flight control officers trained and certified on their perspective systems? (para 11.3; AFSPCI36-2202, paras 1 and 10)			
5.4. NON-CRITICAL ITEMS - MISSION FLIGHT CONTROL AND ANALYSIS:			
5.4.1. Does the MFCO develop procedures for equipment and vehicle failure/discrepancy/problem resolution? (AFSPCI10-120108, para 4.3.2)			
5.5. CRITICAL ITEMS - SYSTEM SAFETY (SPACE RELATED):			
5.5.1. Does the safety office ensure program requirements are monitored to identify and correct hazards throughout the operational life of a system and ensure hazards are identified through operational experience, mission changes, environmental effects, or system modification? (paras 9.2.3 and 9.3.7)			
5.5.2. Are identified safety concerns elevated to appropriate levels of management? (Para 9.3.7.6, AFI 91-213, para 3.2)			
5.5.3. Are units with range safety responsibilities verifying system safety program compliance for range user programs for which they have oversight responsibility, to include, if necessary, performing system safety analyses? (paras 2.9, 9.3.7, 9.3.5, and 9.2.3)			
5.6. NON-CRITICAL ITEMS - SYSTEM SAFETY (SPACE RELATED):			
5.6.1. Is the unit participating in System Safety Groups and System Safety Working Groups to identify risks and hazards? (Paras 9.3.7.5 and 9.4, AFSPCI para 9.3.7.7)			
5.6.2. As system safety group members, do units assess programs for operational hazards and provide operational insight to the program office as part of their system safety program? (AFSPCI para 9.3.7.7)			
5.6.3. Does the unit ensure safety personnel have identified safety requirements and incorporated them into all program documents? (Para 9.3.7.3)			
5.7. CRITICAL ITEMS - ORBITAL SAFETY:			
5.7.1. Have those groups and squadrons involved in orbital operations appointed an additional duty orbital safety representative to ensure the unit has a viable orbital safety program and for identifying and reporting orbital mishaps and HAPs? (AFSPCI para 11.2.2)	YES	NO	N/A
5.7.2. Does the organization ensure orbital safety related requirements are incorporated into operational documents? (Para 11.2.2)			

5.8. NON-CRITICAL ITEMS - ORBITAL SAFETY:	YES	NO	N/A
5.8.1. Do orbital safety personnel have the proper security clearances to enable them to conduct meaningful mishap prevention, analysis and reporting? (AFSPCI para 11.2.2)			
5.8.2. Have units developed a formal orbital collision avoidance program for each orbital system including a risk assessment, development of corrective measures, and implementation if appropriate? (AFSPCI para 11.2.2.1)			
5.8.3. Do additional duty orbital safety representatives receive training from the wing safety office? (AFSPCI para 11.2.2)			
5.8.4. Has the unit developed a formal debris minimization program for each operational system that minimizes the generation of orbital debris from operational activity, including, establishment of routine state of health reports and contingency plans? (AFSPCI para 11.2.2.3)			
5.8.5. Do units have formal end-of-life safing programs in place including orbital debris minimization actions? (Para 11.2.2; AFSPCI para 11.2.2.3; National Space Policy Directive 1; DOD Space Policy 10 Mar 87; and USSPACECOMR57-2; UPD10-39)			
5.8.6. Do satellite operational procedures include measures to minimize the risk of on-orbit collisions with other satellites or space debris? (Para 11.2.2.1)			
5.8.7. Are orbital mishaps and high-accident-potential incidents identified and reported through safety channels in a timely manner? (AFI 91-204, Chapter 9)			
5.8.8. Are personnel performing orbital safety officer duties properly trained? (paras 2.1.6 and 11.3.3; AFSPC1, paras 6.2.1 and 11.2.2)			