

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



**AIR FORCE SPACE COMMAND INSPECTION
CHECKLIST 10-19**

1 DECEMBER 1998

Operations

**SPACE WARNING OPERATIONS (MAJCOM/
NAF/WING) (FA)**

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This checklist reflects the Command requirements for managers to prepare for and conduct internal reviews in the functional area of Space Warning Operations. It applies to all subordinate units.

SUMMARY OF REVISIONS

Updates references, and aligns the Space Inspection Guides (SIG) to the new IG standards. Adds the unit level steps to the overall checklist.

1. References have been provided for each critical item. Critical items have been kept to a minimum, and are related to public law, safety, security, fiscal responsibility, and/or mission accomplishment. Asterisked critical items (if present) are those items that if not accomplished in support of primary mission could result in an overall MAJCOM/NAF/Wing/Unit assessment rating of less than satisfactory. While compliance with non-critical items is not rated, these items help gauge the effectiveness/efficiency of the function.

2. The checklist will also be used by the Command IG during applicable assessments. Use the checklist at **Attachment 1** as a guide only. Add to or modify each area as needed, to ensure an effective and thorough review of a unit's Space Warning Operations Flight.

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Director of Operations

Attachment 1

SPACE WARNING OPERATIONS (MAJCOM, NUMBERED AIR FORCE (NAF), WING) (FA)

Table A1.1. Checklist.

SECTION 1: HQ AFSPC			
MISSION STATEMENT: Provide 14th Air Force, 21st Space Wing and Space Warning Squadrons with support necessary to ensure timely, accurate and unambiguous missile warning and space launch information is provided to USSPACECOM, NORAD, Theater CINC's and Forward Users.			
1.1. CRITICAL ITEMS (KRA 1 – Policy and Guidance)	YES	NO	N/A
1.1. Does the warning operations branch provide warning operations policy and guidance in the form of MAJCOM operations instructions for all warning sensor systems, and update such documents as required? (Ref AFSPCMD 5-1)			
1.2. Does the warning operations branch supplement USSPACECOM operational directives as required and provide timely dissemination to all subordinate units? (Ref: AFSPCI 10-120102)(S)			
1.2 NON-CRITICAL ITEMS (KRA 1 – Policy and Guidance)	YES	NO	N/A
1.2.1. Does the warning operations branch assign Functional Area Managers to all space warning units? (Ref: AFSPCMD 5-1)			
1.2.2. Does the warning operations branch provide warning sensor security classification guidance for all operational systems and update such documents as required? (Ref: DORM Mission Statement)			
1.2.3. Does the warning operations branch provide Defense Support Program (DSP) long-term constellation management advice to USSPACECOM, AFSPC/DO and 14 AF in support of launch-to-sustain and launch-to-augment approaches to support Operational Requirements Document on-orbit requirements? (Ref: DORM Mission Statement)			
1.3 NON-CRITICAL ITEMS (KRA 2 – Program Evaluation)	YES	NO	N/A
1.3.1. Does the warning operations branch participate in sensor system performance analysis, sensor system upgrades, modification programs and new systems requirements development to ensure refinement of missile warning products for warning information users? (Ref: AFSPCI 10-120106)			
1.4 CRITICAL ITEMS (KRA 3 – Resource Allocations)	YES	NO	N/A
1.4.1. Does the warning operations branch coordinate with HQ Strike Command (UK) and other similar host country/combined operations sensor agencies to ensure technical guidance, operational interface and joint requirements are identified/provided in a timely manner as required? (Ref: DORM Mission Statement)			

1.4.2. Has warning operations branch established a process to ensure adequate personnel, equipment, and training are available for Theater Ground Station (TGS) operations? (Ref: AFSPCI 10-120106 (S), Para 9.5.2)			
1.5. CRITICAL ITEMS (KRA 4 – Planning, Programming and Budgeting (PPB))	YES	NO	N/A
1.5.1. Are Concepts of Operation (CONOPS) developed and updated as required in support of warning operations? (Ref: DORM Mission Statement)			
1.6. NON CRITICAL ITEMS (KRA 4 – Planning, Programming and Budgeting (PPB))			
1.6.1. Does the warning operations branch ensure resource managers are assigned to all sensor missions in the form of Program Element Monitors? (Ref: AFSPCMD 5-1)			
SECTION 2: NAF (14 AF)			
MISSION STATEMENT: Provide 21st Space Wing and Space Warning Squadrons with support necessary to ensure timely, accurate and unambiguous missile warning and space launch information is provided to USSPACECOM, NORAD, Theater CINC's and Forward Users.			
2.1. CRITICAL ITEMS	YES	NO	N/A
2.1.1. Does the 14th AF have an established Operations Review Board (ORB) process with the purpose of conducting an investigation to determine the cause of any abnormal system response? (Ref: AFSPCI 10-120102, Para 1.4)			
2.1.2. Does 14th AF have current Operations Plans for space warning and related tasks which describe 21 SW participation throughout the spectrum of conflict for the necessary Areas of Responsibilities? (Ref: Joint Pub 5-03.1 JOPES Vol 1)			
2.1.3. Does 14th AF coordinate/approve missile warning sensors and ground station downtimes for space warning units? (Ref: AFSPCI 10-120106)			
2.2 NON-CRITICAL ITEMS	YES	NO	N/A
2.2.1. Does 14th AF chair the Constellation Sustainment Assessment Team (CSAT) to determine DSP constellation sustainment actions prior to CINCSPACE approval? (Ref: AFSPCI 10-120106)(S)			
2.2.2. Does 14th AF review and coordinate (supervise preparation of) the Monthly Maintenance Schedule? (Ref: AFSPCI 10-120106)(S)			
2.2.3. Does 14th AF review and coordinate requests for downtime from outside agencies and advise them and affected sites of approval or disapproval? (Ref: AFSPCI 10-120106)(S)			

2.2.4. Does 14th AF review and coordinate (supervise preparation and coordination of) the submission of waivers and extended downtime requests for the space warning units? (Ref: AFSPCI 10-120106)(S)			
SECTION 3: WING (21 SW)			
MISSION STATEMENT: Provide Space Warning Squadrons with support necessary to ensure timely, accurate and unambiguous missile warning and space launch information is provided to USSPACECOM, NORAD, Theater CINC's and Forward Users			
3.1. CRITICAL ITEMS	YES	NO	N/A
3.1.1. Do the wing operations groups have a process to supplement higher headquarters operational directives and provide timely dissemination to space warning squadrons? (Ref: AFSPCMD5-21100)			
3.1.2. Do the wing or group level standardization/evaluation sections have a process for updating and approving changes to unit operational checklists? (Ref: AFSPCMD5-21101)			
3.1.3. Has 21 SW established processes to effectively maintain satellite subpoint locations within tolerances specified by USCINCSpace? (Ref: AFSPCI 10-120106 (S), Para 6.3.6.2 (U))			
3.1.4. Has 21 SW (through 21 OG/821 OG) established procedures to publish Monthly Maintenance Schedule IAW AFSPCI 10-120106 (S), Para 6.9			
3.2. NON-CRITICAL	YES	NO	N/A
3.2.1. Does the 21 SW authorize variations in the maintenance schedule to ensure maximum mission capability to the space warning units? (Ref: AFSPCI 10-120106)(S)			
3.2.2. Do the wing operations support squadrons have a process to ensure operations procedures and policy are standardized among like space warning squadrons? (Ref: AFSPCMD5-21101)			
3.2.3. Do the wing operations groups provide operational staff assistance to the units when requested, or on a scheduled basis? (Ref: AFSPCMD5-21100)			
3.2.4. Do the wing operations support squadrons coordinate with the space warning squadrons to resolve problems identified during HHQ inspections? (Ref: AFSPCMD5-21101)			
3.2.5. Do the wing operations support squadrons develop and maintain space warning squadron operations and maintenance schedules and schedule system tests? (Ref: AFSPCMD5-21101)			
3.2.6. Does 21 SW give operational units authority to test system? (Ref: AFSPCI 10-120106 (S), Para 6.3.6.4)			

SECTION 4: UNIT (DSP GROUND STATIONS – EXCEPT TGS)			
MISSION STATEMENT: Ensure timely, accurate and unambiguous missile warning and space launch information is provided to USSPACECOM, NORAD, Theater CINC's and Forward Users.			
4.1. CRITICAL ITEMS	YES	NO	N/A
4.1.1. * Has ground station established procedures to accomplish missile, space launch, IR, and nuclear activity detection and reporting IAW HHQ guidance? (Ref: AFSPCI 10-120106 (S), Para 1.4			
4.1.2. Has ground station established procedures to accomplish AFSPCI 10-120106(S), Chapter 2 (S)?			
4.1.3. Has ground station established procedures to comply with HHQ Mission Event requirements? (Ref: AFSPCI 10-120106(S), Chapter 3(S)			
4.1.4. Has ground station established procedures to accomplish HHQ Site Reporting requirements? (Ref: AFSPCI 10-120-106(S), Chapter 6(S)			
4.1.5. Has ground station established procedures to comply with HHQ OPSCAP determination and reporting requirements? (Ref: AFSPCI 10-120106(S), Chapter 5(S)			
4.1.6. Has ground station established procedures to comply with AFSPCI 10-120106(S), Para 6.7(S)			
SECTION 5: UNIT (DSP GROUND STATION – TGS)			
MISSION STATEMENT: Ensure timely, accurate and unambiguous missile warning and space launch information is provided to USSPACECOM, NORAD, Theater CINC's and Forward Users.			
5.1. CRITICAL ITEMS	YES	NO	N/A
5.1.1. * Has TGS established procedures to accomplish missile and IR detection and reporting IAW HHQ guidance? (Ref: AFSPCI 10-120106(S), Para 1.4.(U) and 9.3(S)			
5.1.2. Has TGS established process to satisfy Mission Operations Requirements and Doctrine IAW HHQ guidance? (Ref: AFSPCI 10-120106(S), Para 9.4(S)			
5.1.3. Has TGS established procedures to comply with HHQ OPSCAP determination and reporting requirements? (Ref: AFSPCI 10-120106(S), Para 9.6.2(S)			
5.1.4. Has TGS established procedures to process AFSCN scheduling conflicts when notified by 1 SOPS? (Ref: AFSPCI 10-120106(S), Para 9.5.5.1(S)			
5.1.5. Has TGS established procedures to provide 1 SOPS ephemeris update requirements? (Ref: AFSPCI 10-120106(S), Para 9.5.5.1(S)			
5.1.6. Has TGS established procedures to process ephemeris updates provided by 1 SOPS? (Ref: AFSPCI 10-120106(S), Para 9.5.5.1(S)			

SECTION 6: UNIT (GROUND-BASED RADAR)

MISSION STATEMENT: Ensure timely, accurate and unambiguous missile warning and space launch information is provided to USSPACECOM, NORAD, Theater CINC's and Forward Users.

6.1. CRITICAL ITEMS	YES	NO	N/A
6.1.1. * Has missile warning sensor established procedures to accomplish HHQ Site Reporting requirements? (Ref: AFSPCI 10-120105(S) Chapter 2(S))			
6.1.2. Has missile warning sensor established procedures to comply with HHQ OPSCAP determination and reporting requirements? (Ref: AFSPCI 10-120105(S), Chapter 5(S))			
6.1.3. Has missile warning sensor established procedures to accomplish high priority space surveillance requirements? (Ref: AFSPCI 10-120105(S), Para 4.1(S))			