

Training and Evaluation Outline Report

Task Number: 01-4-7537

Task Title: Provide Airspace Information Center (AIC) Services

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TM 95-225	UNITED STATES STANDARD: FLIGHT INSPECTION {NAVAIR 16-1-520;AFM 55-8;FAA OA-P8200.1} (S&I, U.S. ARMY AERONAUTICAL SERVICES AGENCY, FT BELVOIR, VA)	Yes	No
	TM 95-226	UNITED STATES STANDARD FOR TERMINAL INSTRUMENT PROCEDURES (TERPS) {OPNAVINST 3722.16C;AFM 55-9;CG 318;FAA HDBK 8260.3B} (S&I, U.S. ARMY AERONAUTICAL SERVICES AGENCY, FT BELVOIR, VA) (REPRINTED W/BASIC	Yes	Yes

Condition: The battalion is in a simulated (live, virtual, or constructive) combat environment. The unit deploys to an area as per Operations Order/ Fragmentary Order (OPORD/FRAGO). The Airspace Information Center (AIC) is collocated with, or electronically connected to the control and reporting center. Communications are established with the other AIC's, airfields, and/or appropriate TOC. All soldiers and equipment are available. Some iterations of this task should be performed in MOPP.

Standard: The unit integrates digital systems as appropriate. The Airspace Information Center (AIC) provides advisories, deconflict, separates, and monitors airspace users which prevented loss of friendly aircraft operating in an area of operations.

Special Equipment: None

Safety Level: Low

Task Statements

Cue: None

DANGER

none

WARNING

none

CAUTION

None

Remarks: I task steps and performance measures, prerequisite and supporting collective tasks, supporting individual tasks and supporting reference numbers were reviewed/updated on 31 January 2013.

Notes: None

TASK STEPS

1. The AIC team provides air traffic services (ATS) to aircraft within the area of operations.
 - a. Provides en route coordination.
 - b. Conducts flight-following.
 - c. Issues flight advisories, weather, and air warning information.
 - d. Relays flight clearances between Airspace Information Center (AIC) and originator.
 - e. Assists in search and rescue operations.
 - f. Maintains flight data records.
 - g. Supervises the operation of subordinate AIC team(s) .
 - h. Operates the net control stations, if applicable.
2. The AIC team receives the following information from the airspace control order and posts to appropriate maps/charts.
 - a. Posts location and designation of ATS facilities and Navigational Aids (NAVAIDS).
 - b. Displays coordinating altitudes.
 - c. Posts location of Air Defense Artillery (ADA) unit(s).
 - d. Displays frequency-modulated command net frequency and call sign of the supporting ADA unit.
Note: This is provided for coordination contingencies.
 - e. Displays Identification Friend or Foe (IFF) operation procedures such as IFF on/off line.
 - f. Posts alternate ADA identification procedures.
 - g. Displays weapons control status in effect.
 - h. Posts airspace restrictions such as:
 - (1) Low-level transit routes.
 - (2) Minimum risk routes.
 - (3) High-density airspace control zone.
 - (4) Restricted operation area.
 - (5) Standard use army aircraft flight routes.
 - i. Posts other information pertaining to the operational area of responsibility.
3. The AIC team provides (via secure means only) information, when requested by supported units.

Step Number	Task Number	Title	Proponent	Status
	01-1-5175	Coordinate Tactical Mission Command Information Systems Planning	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7525	Install The Tactical Airspace Integration System (TAIS) AN/TSQ-221	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7533	Conduct Tactical Airspace Integration Systems-Airspace Information Center (TAIS-AIC) Functions	01 - Aviation/Aviation Logistics (Collective)	Approved
	19-3-9003	Conduct Physical Security Operations	19 - Military Police (Collective)	Approved
	34-2-0011	Maintain Operations Security	34 - Combat Electronic Warfare and Intelligence (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	01-4-7521	Install The AN/TRN-30 (V) 2	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7523	Install the AN/TPN-31 (ATNAVICS)	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7524	Install The AN/TSQ-70A Or AN/TSW-7A	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7525	Install The Tactical Airspace Integration System (TAIS) AN/TSQ-221	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7526	Operate The Electronic Shop Shelter Mounted Avionics AN/ASM-146 and AN/ASM-147	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7527	Conduct Communications-Electronics (COM/NAV) Maintenance	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7531	Conduct Ground Controlled Approach Radar Functions	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7532	Conduct Tower Missions	01 - Aviation/Aviation Logistics (Collective)	Approved
	01-4-7533	Conduct Tactical Airspace Integration Systems-Airspace Information Center (TAIS-AIC) Functions	01 - Aviation/Aviation Logistics (Collective)	Approved

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	011-143-0014	Process Flights Progress Strips	011 - Aviation (Individual)	Approved
	011-143-0018	Provide Traffic Information/Advisories	011 - Aviation (Individual)	Approved
	011-143-0028	Control The Flight Of IFR Arrival/Departure Aircraft	011 - Aviation (Individual)	Approved
	011-143-0035	Install the Tactical Airspace Integration System (TAIS), AN/TSQ-221	011 - Aviation (Individual)	Approved
	011-143-0038	Control the Flight of VFR Arrival/Departure Aircraft	011 - Aviation (Individual)	Approved
	011-143-0068	Install Non-Directional Radio Beacon Set	011 - Aviation (Individual)	Approved
	011-143-0069	Operate Non-Directional Radio Beacon Set	011 - Aviation (Individual)	Approved
	011-143-1021	Communicate Using Interphone Procedures	011 - Aviation (Individual)	Approved
	011-143-1043	Provide Non-Radar IFR Services	011 - Aviation (Individual)	Approved
	011-143-1062	Prepare the AN/TSQ-198A Tactical Terminal Control System (TTCS) for Movement	011 - Aviation (Individual)	Approved
	011-143-1063	Install the AN/TSQ-198A Tactical Terminal Control System (TTCS)	011 - Aviation (Individual)	Approved
	011-143-1079	Operate the Airspace Workstation (AWS)	011 - Aviation (Individual)	Approved
	011-143-2006	Manage Shift During and After an Aircraft Accident or Incident	011 - Aviation (Individual)	Approved
	011-143-3006	Develop An Air Traffic Control Letter Of Agreement	011 - Aviation (Individual)	Approved
	011-143-3022	Manage Controller Training Program	011 - Aviation (Individual)	Approved
	011-143-3025	Deconflict Airspace Control Means Request (ACMR)	011 - Aviation (Individual)	Approved
	011-143-3029	Supervise the Operation of Tactical Equipment	011 - Aviation (Individual)	Approved
	011-143-4005	Manage The Army Airspace Command And Control (AC2) Procedures Operations Of The Tactical Airspace Integration System	011 - Aviation (Individual)	Approved
	011-143-4006	Recommend Army Airspace Command and Control Procedures	011 - Aviation (Individual)	Approved
	011-143-5008	Operate the Flight Coordination Central, AN/TSC-61B	011 - Aviation (Individual)	Approved
	011-415-3105	Supervise Controller Training	011 - Aviation (Individual)	Approved
	011-415-3107	Supervise Implementation of Airspace Control Measures (ACMs)	011 - Aviation (Individual)	Approved
	011-415-3109	Supervise Facility Training Program (FTP) Development	011 - Aviation (Individual)	Approved
	011-415-3118	Conduct Air Traffic Services (ATS) Standardization	011 - Aviation (Individual)	Approved
	011-415-3122	Conduct Staff Assistance Visits (SAVs)	011 - Aviation (Individual)	Approved
	011-415-3123	Conduct Staff Inspections	011 - Aviation (Individual)	Approved
	011-415-3125	Recommend Revisions to Airspace Control Procedures	011 - Aviation (Individual)	Approved
	011-415-3127	Provide Air Traffic Control (ATC) Technical Assistance to Host Nation Air Traffic and Airspace Agencies	011 - Aviation (Individual)	Approved
	011-415-3128	Supervise Host Nation Air Traffic and Airspace Restorative Operations	011 - Aviation (Individual)	Approved
	052-192-1271	Identify Visual Indicators of an Improvised Explosive Device (IED) (UNCLASSIFIED//FOR OFFICIAL USE ONLY) (U//FOUO)	052 - Engineer (Individual)	Approved
	052-192-3261	React to an Improvised Explosive Device (IED) Attack (UNCLASSIFIED / FOR OFFICIAL USE ONLY) (U//FOUO)	052 - Engineer (Individual)	Approved
	171-300-0083	Enforce Rules of Engagement (ROE)	171 - Armor (Individual)	Approved

Supporting Drill Task(s): None

TADSS

Step ID	TADSS ID	Title	Product Type	Quantity
No TADSS specified				

Equipment (LIN)

Step ID	LIN	Nomenclature	Qty
No equipment specified			

Materiel Items (NSN)

Step ID	NSN	LIN	Title	Qty
No equipment specified				

Environment: 1. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT

2. All aerial defensive and offensive tactical operations require an area in which to maneuver. Most training areas have environmental restrictions that a unit must follow during tactical operations. The flight-route parameters resulting from environmental and noise complaint restrictions are unique to aviation. These restrictions must be considered when planning training aviation missions and during mission briefs.

3. Aviation units use large amounts of hazardous materials during routine maintenance. Commanders will be held responsible for the proper disposal of hazardous materials (HAZMAT). The operation of FARPs is especially challenging because of the potential for major environmental catastrophes. The SOPs specify the proper disposal of HAZMAT (such as oils and lubricants, used drip pans, and grease and oil washed off vehicles).

4. All gunnery ranges have environmental SOPs which aviation units need to comply with. These restrictions include normal environmental guidance. They also include specific instructions for the disposal of casings and ammunition boxes and maneuvering weapon systems.

Note. Each U.S. installation is subject to local and state environmental regulations as well as to federal legislation. For information pertaining to a specific location, contact the installation environmental office. When overseas or on deployment, contact operations and plans, and training staff officer (S3) or the assistant chief of staff, operations (G3).

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. 1. In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination.

2. Composite risk management identifies operational risks so hazards can be reduced or eliminated. Composite risk management allows units to operate in high-risk environments. Leaders at every level are responsible for identifying hazards, taking measures to reduce or eliminate hazards, and accepting risk only to the point that the benefits outweigh the potential losses. The Army's doctrinal manuals articulate the risk-management process as the principal risk-reduction tool. Composite risk management is not an add-on feature to the decision-making process but, rather, a fully integrated element of planning and executing operations. The goal is to make composite risk management a routine part of planning and executing operational and training missions.

3. Composite risk management is a continuous process for each assigned mission or training event. It must be integral to military decisions tied into each training plan and become a continuous part of preparation for training. Safety demands total chain of command involvement in planning, preparing, executing, and evaluating training.