

**Summary Report for Individual Task
011-143-3024
Prepare Minimum Vectoring Altitude (MVA) Chart
Status: Approved**

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

Condition: In a radar Air Traffic Services facility in a tactical or installation environment; given access to TC 3-04.81, and FAA Form 7210-9, two copies of the correct FAA Sectional Chart or DOD Joint Operational Graphic (JOG) or suitable digital equivalents, and the requirement to develop a Minimum Vectoring Altitude Chart (MVAC). Standard MOPP conditions do not exist for this task. See the MOPP statement for specific conditions.

Standard: Prepare the MVACHART for submission in accordance with applicable publications.

Special Condition: None

Special Standards: None

Special Equipment:

Safety Level: Low

MOPP: N/A

Task Statements

Cue: None

DANGER
None

WARNING
None

CAUTION
None

Remarks: None

Notes: To find FAA Form 7210-9, En Route Minimum IFR/Minimum Vectoring Altitude Obstruction Document, will be stocked at the FAA Logistics Center and additional copies may be ordered through normal supply channels (NSN: 0052-00-911-3000 U/I:SH).

To access the Electronic Code of Federal Regulation go to the following web site: <http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&tpl=%2Findex.tpl>

To access CHUM/ECHUM go to the following web site:
<http://www1.nga.mil/ProductsServices/Aeronautical/Pages/default.aspx> or
<https://aero.geointel.nga.mil/products/webchum/index.cfm>

Performance Steps

1. Refer to TC 3-04.81 Appendix D, table D-2 for instructions on the development of an MVA chart.
2. Prepare the final MVA chart and final FAA Form 7210-9 and forward for approval IAW FAAO JO 7210.3, FAAO 8260.15, and TC 3-04.81.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: Setup: Provide the Soldier TC 3-04.81, two copies of the correct FAA Sectional Chart or DOD Joint Operational Graphic (JOG) or suitable digital equivalents. Have the Soldier perform all performance steps IAW TC 3-04.81

Brief Soldier: Tell the Soldier he/she will be evaluated on their ability to construct an MVAC with the Performance Steps contained within this Task. This requirement includes using the performance steps listed IAW TC 3-04.81.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Referred to TC 3-04.81 Appendix D, table D-2 for instructions on the development of an MVA chart.			
2. Prepared the final MVA chart and final FAA Form 7210-9 and forward for approval IAW FAAO JO 7210.3, FAAO 8260.15, and TC 3-04.81.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	AR 95-2	AIRSPACE, AIRFIELDS/HELIPORTS, FLIGHT ACTIVITIES, AIR TRAFFIC	Yes	No
	CFR TITLE 14 PART 77	Objects Affecting Navigable Airspace	Yes	No
	CFR TITLE 14 PART 95	IFR Altitudes	Yes	No
	FAA FORM 7210-9	Minimum IFR Altitude/Minimum Vectoring Altitude Obstruction Documentation	Yes	No
	FAAN 8260.64	Radar Approaches and Minimum Vectoring Altitudes - Current Guidance and Criteria	Yes	No
	FAAO 8260.15	United States Army Terminal Instrument Procedures Service (Use Current Version)	Yes	No
	FAAO 8260.19	Flight Procedures and Airspace(Use Current Version)	Yes	No
	FAAO 8260.3	United States Standard for Terminal Instrument Procedures (TERPS)(Use Current Version)	Yes	No
	FAAO JO 7110.65	Air Traffic Control (Use Current Version)	Yes	No
	FM 3-04.120	Air Traffic Services Operations	Yes	No
	FM 3-25.26	MAP READING AND LAND NAVIGATION	Yes	No

Environment: It is the responsibility of all Soldiers and DA civilians to protect the environment, and to participate in the Army's Environmental Management System (EMS) at the installation where they are assigned. The key points of an EMS are:

- a. We are committed to the prevention of pollution.
- b. We are committed to meeting all applicable legal and regulatory requirements.
- c. We will strive for continual improvement in environmental management.

A sustainable installation will use resources wisely to support the current mission, without compromising the ability to

accomplish future missions.

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 and reduce waste 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.

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. Everyone is responsible for safety. A thorough risk assessment must be completed prior to every mission or operation.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
011-143-0036	Operate the Air Traffic Navigation, Integration, and Coordination System (ATNAVICS), AN/TPN-31	011 - Aviation (Individual)	Obsolete
011-143-0035	Install the Tactical Airspace Integration System (TAIS), AN/TSQ-221	011 - Aviation (Individual)	Obsolete
011-143-3029	Supervise the Operation of Tactical Equipment	011 - Aviation (Individual)	Analysis
011-143-1009	Install the Landing Control Central, AN/TSQ-71B	011 - Aviation (Individual)	Obsolete
011-143-3028	Supervise the Emplacement of Tactical Equipment	011 - Aviation (Individual)	Approved
011-143-5061	Operate Theodolite	011 - Aviation (Individual)	Obsolete
011-143-5006	Operate the Landing Control Central, AN/TSQ-71B	011 - Aviation (Individual)	Approved
011-143-3029	Supervise the Operation of Tactical Equipment	011 - Aviation (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
011-15Q-4008	Evaluate a Minimum Vectoring Altitude chart	011 - Aviation (Individual)	Analysis
011-143-4008	Evaluate a Minimum Vectoring Altitude Chart	011 - Aviation (Individual)	Approved
011-143-3006	Develop an Air Traffic Control Letter of Agreement	011 - Aviation (Individual)	Analysis
011-143-3015	Develop Instrument Approach Procedures (ASR, PAR, NDB)	011 - Aviation (Individual)	Obsolete

Supported Collective Tasks :

Task Number	Title	Proponent	Status
01-4-7562	Validate Air Traffic Control (ATC) Facility Emplacement Criteria	01 - Aviation/Aviation Logistics (Collective)	Approved
01-4-7566	Establish Air Traffic Control (ATC) Letter(s) of Agreement and Procedures	01 - Aviation/Aviation Logistics (Collective)	Approved
01-4-7568	Report Air Traffic Control (ATC) Facility Status	01 - Aviation/Aviation Logistics (Collective)	Approved
01-4-7531	Conduct Ground Controlled Approach Radar Functions	01 - Aviation/Aviation Logistics (Collective)	Approved
01-4-7565	Coordinate Flight Inspections of Navigational AID Systems (NAVAIDS)	01 - Aviation/Aviation Logistics (Collective)	Approved

01-4-7559	Establish Airspace Usage Agreements	01 - Aviation/Aviation Logistics (Collective)	Approved
-----------	-------------------------------------	--	----------

ICTL Data :

ICTL Title	Personnel Type	MOS Data
15Q30 Air Traffic Control	Enlisted	MOS: 15Q, Skill Level: SL3, LIC: EN
15Q AIR TRAFFIC CONTROL ICTL (Consolidated)	Enlisted	MOS: 15Q