

**PROPOSED ESTABLISHMENT  
Of  
Grayling Temporary Military Operations Area (MOA)  
Northern Michigan**

**AIRSPACE STUDY 13-AGL-06NR**

**SUMMARY:** The Federal Aviation Administration (FAA) is considering a request by the United States Air Force (USAF) to establish the Grayling Temporary MOA. This proposed action would provide maneuvering airspace between the Grayling Aerial Gunnery Range (R-4201A/B) and the existing Pike West MOA in support of Exercise NORTHERN STRIKE. The purpose of this temporary MOA study is to identify and define an airspace area which would contain aircraft conducting military operations. The proposed temporary MOA would be effective during the following times:

- By NOTAM, 0830-0100 CDT Monday-Friday
- August 5-16, 2013

Exercise NORTHERN STRIKE is designed to integrate ground forces with air operations in realistic training scenarios. It would allow combat air forces to practice weapons attack mechanics, target acquisition, and reaction to simulated surface-to-air threats while coordinating with friendly ground elements. Mission profiles would include air-to-air refueling, holding, and tactical combat maneuvering by fixed and rotary wing aircraft into the R-4201 complex.

NORTHERN STRIKE will execute from Alpena Combat Readiness Training Center, Michigan and several other bases in the region. Approximately 36 sorties per day and night will participate in the exercise. Aircraft types include AH-1/UH-1, UH-60, A-10, F-16, and B-52. Activities will occur between 5,000' Mean Sea Level (MSL) to but not including Flight Level 180 (FL 180).

**COMMENTS INVITED:** The purpose of this notice is to invite interested persons to submit in writing any comments they may have regarding the overall aeronautical aspects of the proposal presented in this notice. Comments which provide a factual basis supporting the views and suggestions presented are the most helpful. Persons wishing to comment should submit correspondence to:

Manager, Operations Support Group, AJV-C2  
Airspace Study 13-AGL-06NR  
Department of Transportation  
Federal Aviation Administration  
2601 Meacham Blvd  
Fort Worth, TX 76137

Comments received on or before April 1, 2013 will be considered before final action is taken on the proposal. The proposal may change in light of comments received.

**NOTICE DISTRIBUTION:** Persons interested in being placed on a mailing list for future notices should submit such requests to the FAA at the address listed above.

**PROPOSAL:** A detailed description of the MOA is listed below. Refer to the enclosed copy of the Lake Huron Sectional for a graphical presentation of the proposal.

## **1. DIMENSIONS FOR GRAYLING TEMPORARY MOA, MICHIGAN**

### **a. Horizontal**

Beginning

at lat. 45°08'00"N., long. 84°39'00"W.;  
to lat. 45°15'00"N., long. 84°08'08"W.;  
to lat. 44°41'00"N., long. 84°06'00"W.;  
to lat. 44°34'00"N., long. 83°59'11"W.;  
to lat. 44°34'00"N., long. 84°35'00"W.;  
at lat. 44°41'00"N., long. 84°40'00"W.;  
to lat. 44°43'00"N., long. 84°40'00"W.;  
to lat. 44°43'00"N., long. 84°38'00"W.;  
to lat. 44°47'00"N., long. 84°38'00"W.;  
to lat. 44°47'00"N., long. 84°39'00"W.;  
to the point of beginning

b. Vertical 5,000' MSL to but not including FL180

## **2. TIME OF USE**

By NOTAM 0830-0100 CDT, Monday-Friday; August 5-16, 2013

Contact Minneapolis Air Route Traffic Control Center (ARTCC) for status.

## **3. CONTROLLING AGENCY**

FAA, Minneapolis ARTCC, Farmington, Minnesota.

## **4. USING AGENCY**

USAF, Air National Guard, Alpena Combat Readiness Training Center, Michigan

## **5. MISCELLANEOUS**

Activities. Military aircraft will conduct aggressive three-dimensional maneuvering by attack and transport category fixed wing and rotary wing aircraft involving abrupt, unpredictable changes in altitude, attitude, and direction of flight. Supersonic flight is not authorized in the temporary MOA. Chaff/flares will not be employed.

No restrictions will be imposed on nonparticipating Visual Flight Rules (VFR) aircraft. VFR pilots are expected to exercise vigilance while transiting the temporary MOA. They are strongly encouraged to contact the nearest flight service station and request the latest NOTAM information, or contact Minneapolis ARTCC to ascertain the status of the temporary MOA.

**6. ENVIRONMENTAL/LAND USE ASPECTS**

Provide comments on the environmental and land use aspects of the proposal to:

Major Ryan Kristof  
Environmental Manager, Alpena CRTC  
5884 A Street  
Alpena, MI 49707  
Telephone: (989) 354-6233  
ryan.kristof@ang.af.mil

**FOR FURTHER INFORMATION, CONTACT**

Department of Transportation  
Federal Aviation Administration  
Operations Support Group  
ATTN: Michael Rizzo, AJV-C23  
2601 Meacham Blvd  
Fort Worth, TX 76137  
Telephone: (817) 321-7733  
Fax: (817) 321-7744

Issued in Fort Worth, Texas on

**FEB 06 2013**



David P. Medina.  
Manager, Operations Support Group  
ATO Central Service Center

Attachement  
Map

cc: AGL-230, AGL-610, ASW-910; ASW-920; ASW-930; AJV-11; AJV-12; AJR-15, AJV-C24, Minneapolis ARTCC-530; Michigan State Aviation Director

SEE DISTRIBUTION LIST

## j. Area Chart.

