

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

AIRSPACE STUDY 14-AGL-03NR

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 Exercises Naval Aviation, NORTHERN STRIKE and JADED THUNDER. 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 4 hours in advance, 0830-0100 CDT Monday-Sunday
- August 4-22, 2014 and October 6-31, 2014

The exercises are 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.

Execution of missions will originate from Alpena Combat Readiness Training Center, Michigan and several other bases in the region. Approximately 26 sorties per day and night will participate in the exercise. Aircraft types include A-10, F-16, F18, B-1, C-130 and B-52. Activities will occur between 5,000' Mean Sea Level (MSL) to but not including Flight Level 180 (FL180).

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 14-AGL-03NR
Department of Transportation
Federal Aviation Administration
2601 Meacham Blvd
Fort Worth, TX 76137

Comments received on or before March 17, 2014 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' 00.00" N., long. 084° 39' 00.00" W. ;
to lat. 45° 15' 00.00" N., long. 084° 08' 08.00" W. ;
to lat. 44° 41' 00.00" N., long. 084° 06' 00.00" W. ;
to lat. 44° 34' 00.00" N., long. 083° 59' 11.00" W. ;
to lat. 44° 34' 00.00" N., long. 084° 35' 00.00" W. ;
to lat. 44° 41' 00.00" N., long. 084° 40' 00.00" W. ;
to lat. 44° 43' 00.00" N., long. 084° 40' 00.00" W. ;
to lat. 44° 43' 00.00" N., long. 084° 38' 00.00" W. ;
to lat. 44° 47' 00.00" N., long. 084° 38' 00.00" W. ;
to lat. 44° 47' 00.00" N., long. 084° 39' 00.00" W. ;
to the point of beginning.

(Excludes R4201A/B airspace when the restricted area is active)

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

2. TIME OF USE

0830-0100 M-Su from 4-22 Aug, 6-31 Oct 2014, by NOTAM 4 hours in advance, estimate 16.5 hours per day, 44 days per year.

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: John Witucki, AJV-C23
2601 Meacham Blvd
Fort Worth, TX 76137
Telephone: (817) 321-7734
Fax: (817) 321-7744

Issued in Fort Worth, Texas on JAN 24 2014


Kent M. Wheeler,
Manager, Operations Support Group
ATO Central Service Center

Attachment
Grayling Temporary MOA Map

cc:

Grayling Temp MOA:
4-22 Aug / 6-31 Oct 2014
0830-0100 M-Su by
NOTAM 4 hours in advance
5,000' MSL-17,999' MSL

N 45° 15' 00"
W 084° 08' 08"

N 45° 08' 00"
W 084° 39' 00"

N 44° 47' 00"
W 084° 39' 00"

N 44° 47' 00"
W 084° 38' 00"

N 44° 43' 00"
W 084° 40' 00"

N 44° 43' 00"
W 084° 38' 00"

N 44° 41' 00"
W 084° 40' 00"

N 44° 41' 00"
W 084° 06' 00"

LAKE HURON
(south)
SECTIONAL
Exp. 2 Apr 2014

N 44° 34' 00"
W 084° 35' 00"

N 44° 34' 00"
W 083° 59' 11"

