

PROPOSED ESTABLISHMENT
Of
Grayling North & South Temporary Military Operations Areas (MOAs)
Northern Michigan

AIRSPACE STUDY 11-AGL-53NR

SUMMARY: The Federal Aviation Administration (FAA) is considering a request by the United States Air Force (USAF) to establish the Grayling North and South Temporary Military Operations Areas (MOAs). This proposed airspace would provide maneuvering airspace north and south of the Grayling Aerial Gunnery Range (R-4201A/B) in support of Exercise NORTHERN FURY. 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 MOAs would be effective during the following times:

- 1200-0100 CDT daily, other times by NOTAM
- July 22 - September 1, 2012

Exercise NORTHERN FURY is designed to integrate ground forces with air operations in a Major Combat Operation training scenario. The execution of NORTHERN FURY allows combat air forces to practice weapons attack mechanics, target acquisition, and reaction to simulated surface-to-air threats while coordinating with friendly ground elements. Specifically, the proposed MOAs will be used for aircraft marshaling, air-to-air refueling, and as a maneuver corridor for attack aircraft on ordnance deliveries into the R-4201 complex.

NORTHERN FURY will execute from Alpena Combat Readiness Training Center, Michigan. Approximately 30 sorties per day will participate in the exercise. Aircraft types include AV-8B, F-5, AH-1/UH-1, KC-130, A-10, EA-6B, and F-16. 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 11-AGL-53NR
Department of Transportation
Federal Aviation Administration
2601 Meacham Blvd
Fort Worth, TX 76137

Comments received on or before February 15, 2012 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: Detailed descriptions of the MOAs are listed below. Refer to the enclosed copy of the Lake Huron Sectional for a graphical presentation of the proposal.

1a. DIMENSIONS FOR GRAYLING NORTH TEMPORARY MOA, MICHIGAN

a. Horizontal

Beginning at lat. 44° 56' 00" N., long. 84° 29' 00" W. ;
to lat. 45° 08' 00" N., long. 84° 35' 00" W. ;
to lat. 45° 08' 00" N., long. 84° 43' 00" W. ;
to lat. 45° 02' 00" N., long. 84° 43' 00" W. ;
to lat. 44° 56' 00" N., long. 84° 39' 00" W. ;
to the point of beginning

b. Vertical 5,000' MSI to but not including FL 180

1b. DIMENSIONS FOR GRAYLING SOUTH TEMPORARY MOA, MICHIGAN

a. Horizontal

Beginning at lat. 44° 47' 00" N., long. 84° 39' 00" W. ;
to lat. 44° 43' 00" N., long. 84° 40' 00" W. ;
to lat. 44° 41' 00" N., long. 84° 40' 00" W. ;
to lat. 44° 34' 00" N., long. 84° 35' 00" W. ;
to lat. 44° 34' 00" N., long. 84° 24' 00" W. ;
to lat. 44° 40' 00" N., long. 84° 25' 00" W. ;
to lat. 44° 47' 00" N., long. 84° 29' 00" W. ;
to lat. 44° 47' 00" N., long. 84° 39' 00" W. ;
to the point of beginning

b. Vertical 5000' MSI to but not including FL 180

2. TIME OF USE

July 22-September 1, 2012; 1200-0100 CDT daily, other times by NOTAM

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

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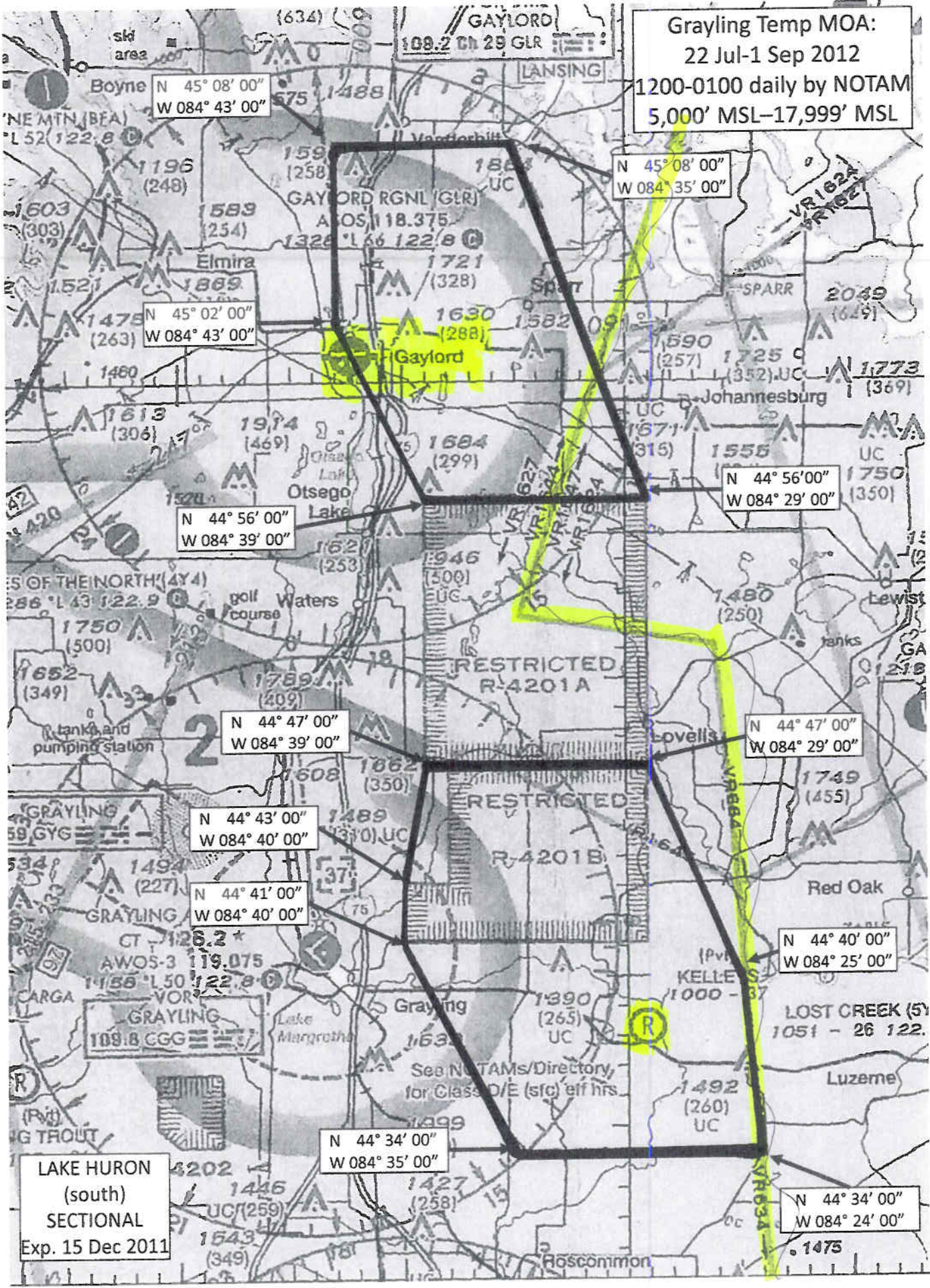
David P. Medina.
Manager, Operations Support Group
AFO Central Service Center

Enclosure
Map

cc: AGL-230, AGL-610, ASW-910; ASW-920; ASW-930; AJV-11; AJV-12; AJR-15,
AJV-C 24, Minneapolis ARTCC-530; Michigan State Aviation Director

SEE DISTRIBUTION LIST

Grayling Temp MOA:
22 Jul-1 Sep 2012
1200-0100 daily by NOTAM
5,000' MSL-17,999' MSL



N 45° 08' 00"
W 084° 43' 00"

N 45° 08' 00"
W 084° 35' 00"

N 45° 02' 00"
W 084° 43' 00"

N 44° 56' 00"
W 084° 39' 00"

N 44° 56' 00"
W 084° 29' 00"

N 44° 47' 00"
W 084° 39' 00"

N 44° 47' 00"
W 084° 29' 00"

N 44° 43' 00"
W 084° 40' 00"

N 44° 41' 00"
W 084° 40' 00"

N 44° 40' 00"
W 084° 25' 00"

LAKE HURON
(south)
SECTIONAL
Exp. 15 Dec 2011

N 44° 34' 00"
W 084° 35' 00"

N 44° 34' 00"
W 084° 24' 00"