



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Southern Region

P. O. Box 20636  
Atlanta, Georgia 30320

**PROPOSAL TO ESTABLISH THE SHIRLEY A, B, AND C  
MILITARY OPERATIONS AREAS (MOA) & DELETE THE  
SHIRLEY 1 MOA  
08-ASW-018-NR  
CLINTON, AR**

**TO ALL CONCERNED:**

This is a circularization of the subject proposed Military Operations Areas (MOAs) actions. The Federal Aviation Administration (FAA) is providing a comment period to solicit comments regarding the aeronautical impacts of the proposal prior to reaching a final decision. This circularization includes data regarding the specific types of operations/activities planned for each MOA and the expected frequency of use of the proposed airspace.

For clarification, the Shirley 1 MOA will be deleted. However, the former Shirley 1 MOA airspace is proposed to expand to the north and west, be subdivided, and named the Shirley A, B, and C MOAs.

The Arkansas Air National Guard's 188<sup>th</sup> Fighter Wing (FW), stationed at Fort Smith Air National Guard Base (ANGB), AR, requires this special use airspace (SUA) to properly train their A/OA-10 aircrews. Additionally, aircrews from nearby A/OA-10 and F-16 fighter bases will also use the Shirley MOAs. The driving force behind this airspace proposal is the operational combat readiness requirements of the A/OA-10 and F-16 fighter communities.

The current military airspace structure was militarily acceptable in years long past with the premise of the single-role aircraft philosophy. Today, due to advancements in aircraft capabilities and weaponry technologies, fighter aircraft are capable of multiple mission roles and delivering weapons from higher altitudes and longer ranges than ever before. At times, these new capabilities and technologies exceed the vertical/lateral boundaries of current SUA. To correct this deficiency, fighter units require larger areas of airspace to conduct their real-world mission training.

Recently, the role of the Air National Guard's fighter aircraft expanded to include Close Air Support (CAS), Destruction of Enemy Air Defenses (DEAD), Combat Search & Rescue (CSAR), Killer Scout (KS), Time

Sensitive Targeting (TST), and the Forward Air Controller Airborne (FAC/A) roles in combat operations. While training for these combat operations still occurs at low altitudes, there is also a need to train for them in the medium to high altitude regime. The proposed Shirley MOAs will provide the necessary airspace to accomplish the missions tasked to not only the 188<sup>th</sup> FW, but also to other operational fighter units.

The vision for using the proposed Shirley MOAs airspace is twofold. The 188<sup>th</sup> FW, along with nearby A/OA-10, F-16 and, to a lesser extent, F/A-18 units, will normally conduct local training sorties in the proposed Shirley A and B MOAs. Shirley C MOA would remain inactive and be available for civil use as part of the National Airspace System. Typical usage by the 188<sup>th</sup> FW's A/OA-10s will be an average of two missions per day for an approximate total of 150 days. Each mission is expected to be one hour in duration, amounting to approximately 300 hours per year. While a vast majority of A/OA-10 training will occur in the proposed Shirley A MOA, some training missions may occur in Shirley B MOA. Typical usage by the F-16s will be an average of three missions per day for an approximate total of 60 days. Each mission is expected to be 40-45 minutes in duration, amounting to approximately 125 hours per year. The F-16 training will occur in the proposed Shirley A and B MOAs.

Additionally, the 188<sup>th</sup> FW proposes to host Time Sensitive Targeting (TST), High-Fast Flier (HFF), and Large Force Employment (LFE) training exercises. Some of these exercises, such as the LFE, will involve a large number (8 to 30) of various types of aircraft and will require a vast amount of airspace to contain all of the activities within the assigned airspace. These exercises will normally use all three Shirley MOAs. The 188<sup>th</sup> FW proposes to sponsor four exercises per year, lasting approximately 10 days each, four hours per day, totaling 40 days (160 hours) per year.

The specifics of this airspace proposal are as follows:

Shirley 1 MOA, AR [REMOVE]

Shirley A MOA, AR [NEW]

Boundaries. Beginning at lat. 35°19'00"N., long. 092°38'00"W.;  
to lat. 35°19'00"N., long. 093°12'00"W.;  
to lat. 35°38'15"N., long. 093°39'00"W.;  
to lat. 36°02'00"N., long. 093°16'07"W.;  
to lat. 36°02'00"N., long. 093°06'15"W.;  
to lat. 36°06'00"N., long. 093°06'15"W.;  
to lat. 36°06'00"N., long. 092°38'00"W.;  
to the point of beginning.

**Designated altitudes.** 11,000 feet MSL to, but not including, FL 180.

**Time of designation.** 0700-1200 and 1300-1700, Monday-Friday; other times by NOTAM.

**Controlling agency.** FAA, Memphis ARTCC.

**Using agency.** Arkansas Air National Guard, 188th Fighter Wing, Ft. Smith, AR.

**Shirley B MOA, AR [NEW]**

**Boundaries. Beginning** at lat. 35°19'00"N., long. 092°38'00"W.;  
to lat. 36°06'00"N., long. 092°38'00"W.;  
to lat. 36°06'00"N., long. 092°07'11"W.;  
to lat. 35°58'53"N., long. 091°46'00"W.;  
to lat. 35°19'10"N., long. 092°02'00"W.;  
to the point of beginning.

**Designated altitudes.** 11,000 feet MSL to, but not including, FL 180.

**Time of designation.** 0700-1200 and 1300-1700, Monday-Friday; other times by NOTAM.

**Controlling agency.** FAA, Memphis ARTCC.

**Using agency.** Arkansas Air National Guard, 188<sup>th</sup> Fighter Wing, Ft. Smith, AR.

**Shirley C MOA, AR [NEW]**

**Boundaries. Beginning** at lat. 35°19'10"N., long. 092°02'00"W.;  
to lat. 35°58'53"N., long. 091°46'00"W.;  
to lat. 35°53'00"N., long. 091°28'30"W.;  
to lat. 35°38'00"N., long. 091°28'30"W.;  
to lat. 35°19'00"N., long. 091°45'01"W.;  
to the point of beginning.

**Designated altitudes.** 11,000 feet MSL to, but not including, FL 180.

**Time of designation.** Intermittent, by NOTAM.

**Controlling agency.** FAA, Memphis ARTCC.

**Using agency.** Arkansas Air National Guard, 188<sup>th</sup> Fighter Wing, Ft. Smith, AR.

**Graphic Description**

See attachment.

This circularization is intended to provide the public with the opportunity to review and comment to the effect this proposal may have on aeronautical activity prior to making a final determination.

Comments or recommendations regarding the effect that this proposal may have on aeronautical activity should be submitted to:

Federal Aviation Administration  
Attn: AJV-E23.1  
P.O. Box 20636  
Atlanta, Georgia 30320

All communications received prior to March 18, 2009, will be considered before final action is taken on this proposal.

*for*   
Mark D. Ward  
Manager, Operations Support Group  
Eastern Service Area

Issued in College Park, GA.  
on January 27, 2009.

# Shirley MOA Proposal

v.4 dated December 29, 2008

**CG-20**  
World Aeronautical Chart  
Scale 1:1,000,000

