

# Warning Areas

Environmental Common Operating Picture (COP) GIS metadata  
Downloaded 08/13/2015  
Finalized 04/15/2016

Prepared for:  
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## 1. INTRODUCTION

Warning areas are one type of special use airspace commonly found in range complexes. Special use airspace is a designated airspace of defined dimensions where activities must be confined because of their nature or where limitations may be imposed upon aircraft operations that are not part of those activities. A warning area is an area of defined dimensions extending from 3 nautical miles (nm) outward from the coast of the United States, which serve to warn non-participating aircraft of potential danger.

## 2. PURPOSE

This data was created to assist the Navy in analysis, planning, and decision making purposes.

## 3. SOURCES AND AUTHORITIES

- National Geospatial-Intelligence Agency (NGA)
- Digital Aeronautical Flight Information File (DAFIF)
- United States Fleet Forces Range Complex Support Team
- Contact the POCs below if planning activities in this area:

Fleet Area Control and Surveillance Facility, Virginia Capes  
601 Oceana Blvd  
Virginia Beach, VA 23460  
757.433.1211  
[FFAECC@navy.mil](mailto:FFAECC@navy.mil)

DoD Siting Clearinghouse

3400 Defense Pentagon, Room 5C646  
 Washington, DC 20301 - 3400  
[osd.dod-siting-clearinghouse@mail.mil](mailto:osd.dod-siting-clearinghouse@mail.mil)

Naval Sea Floor Cable Protection Office  
 Naval Facilities Engineering Command  
 NAVFAC-OFP/C  
 1322 Patterson Ave. SE Suite 1000  
 Washington Navy Yard, DC 20374  
 1-202-433-5325  
[NSCPO@navy.mil](mailto:NSCPO@navy.mil)

#### 4. DATABASE DESIGN AND CONTENT

Native storage format: ArcGIS file geodatabase – simple feature class

Feature Types:

Polygons –

A geometric representation in polygon format of an area designated as a Warning Areas, regulated airspace for Military Operations Areas (MOAs).

Data Dictionary:

Line	Name	Definition	Type	Size
1	OBJECTID	Sequential unique whole numbers that are automatically generated.	OBJECTID	4
2	SHAPE	Coordinates defining the features.	Geometry	*
3	SubTypeIdentifier	No definition available.	Integer	4
4	PKOpsID	No definition available.	String	20
5	PKMapID	No definition available.	Integer	4
6	FKMetaID	No definition available.	String	20
7	FKMediaID	No definition available.	String	20
8	FKCorrdID	No definition available.	String	20
9	OpsUOM	No definition available.	String	16
10	OpsTypDOM	No definition available.	String	16
11	AcTypDOM	No definition available.	String	16
12	AcAffilDOM	No definition available.	String	16
13	TrafPatt	No definition available.	String	20
14	NumDayops	No definition available.	Small Integer	2
15	NumEveops	No definition available.	Small Integer	2
16	NumNitops	No definition available.	Small Integer	2
17	NumTotops	No definition available.	Small Integer	2

18	AreaSize	No definition available.	Double	8
19	AreaUOM	No definition available.	String	16
20	Perim	No definition available.	Double	8
21	PerimUOM	No definition available.	String	16
22	PwrProf	No definition available.	String	20
23	FKAirsafID	No definition available.	String	20
24	UserFlag	No definition available.	String	20
25	FKInstlnID	No definition available.	String	20
26	FKFacilID	No definition available.	String	20
27	GridValue	No definition available.	Single	4
28	FeatDesc	No definition available.	String	60
29	CoordX	No definition available.	Double	8
30	CoordY	No definition available.	Double	8
31	CoordZ	No definition available.	Double	8
32	FKSpcZonID	No definition available.	String	20
33	MilspcDOM	No definition available.	String	16
34	FKAtcID	No definition available.	String	20
35	FKScAgncID	No definition available.	String	20
36	AirdisDOM	No definition available.	String	16
37	FloorAlt	No definition available.	Integer	4
38	FKOwnerID	No definition available.	String	50
39	AltUOM	No definition available.	String	16
40	FKAgencyID	No definition available.	String	50
41	CeilAlt	No definition available.	Integer	4
42	Shape_Length	Length of feature in internal units.	Double	8
43	Shape_Area	Area of feature in internal units squared.	Double	8
44	Suas_ident	No definition available.	String	12
45	Type	No definition available.	String	1
46	Name	No definition available.	String	38
47	ICAO	No definition available.	String	4
48	CON_AGCY	No definition available.	String	38
49	LOC_HDATUM	No definition available.	String	3
50	WGS_DATUM	No definition available.	String	255
51	COMM_NAME	No definition available.	String	20
52	FREQ1	No definition available.	String	9
53	FREQ2	No definition available.	String	9
54	LEVEL	No definition available.	String	1
55	UPPER_ALT	No definition available.	String	10
56	LOWER_ALT	No definition available.	String	8
57	EFF_TIMES	No definition available.	String	38
58	WX	No definition available.	String	8
59	CYCLE_DATE	No definition available.	String	6
60	EFF_DATE	No definition available.	String	9
61	Sua	No definition available.	String	255
62	Narrative	No definition available.	String	240

Name of Feature Class: mil\_special\_use\_airspace\_area

Total Number of Unique Features: 381

## **5. SPATIAL REPRESENTATION**

Geometry Type: polygon

Reference System: Geographic Coordinate Reference System

Horizontal Datum: GCS\_WGS\_1984

Ellipsoid: WGS\_1984

XY Resolution: 0.00000001

Tolerance: 0.000000008983153

Geographic extent: -100.00W to -47.82W, 45.42N to 18.50N