

VACAPES Restricted Areas

Environmental Common Operating Picture (COP) GIS metadata
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Prepared for:
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1. INTRODUCTION

A restricted area is one type of special use airspace (SUA) and is a defined water area for the purpose of prohibiting or limiting public access to the area. SUA is a three-dimensional region of airspace for activities which must be confined because of their nature. Limitations may be imposed upon aircraft operations that are not a part of the airspace activities. Restricted areas generally provide security for government property and also provide protection to the public from the risks of damage or injury arising from the government's use of that area (33 C.F.R. Part 334). Restricted areas can include airspace where aircraft are subject to restriction due to the existence of unusual, often invisible hazards (e.g., release of ordnance) to aircraft. Some areas are under strict control of the Department of Defense and some are shared with non-military agencies. The locations of restricted areas are published and available to mariners and pilots, who typically review such information before boating or flying in any area. Restricted areas are typically avoided by mariners and pilots.

2. PURPOSE

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

3. SOURCES AND AUTHORITIES

- 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

DoD Siting Clearinghouse
3400 Defense Pentagon, Room 5C646
Washington, DC 20301 - 3400
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

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 VACAPES Restricted 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	SubTypeID	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	2

			Integer	
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
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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: 0.000000001

Tolerance: 0.000000008983153

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