

VACAPES Airspace Corridors

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

The Virginia Capes Range Complex (VACAPES) consists of an Operating Area (OPAREA) and several associated special use airspaces. This includes airspace of defined vertical/lateral limits, assigned by Air Traffic Control, for the purpose of providing air traffic segregation between the specified activity being conducted within the assigned airspace and other instrument flight rules traffic. The VACAPES Range Complex includes 28,672 nm² of special use airspace overlying the VACAPES OPAREA. Flight altitudes range from surface to ceilings of 18,000 ft. to unlimited altitudes. Warning areas within the VACAPES Range Complex include W-50, W-386, W-387, W-72, and W-110. Restricted airspace within the VACAPES Range Complex is designated R-6606, which extends from the shoreline to approximately the 3 nm state territorial sea limit.

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
- Atlantic Fleet Training and Testing, Environmental Impact Statement
- 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
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1322 Patterson Ave. SE Suite 1000
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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 Airspace Corridors, regulated airspace corridors.

Data Dictionary:

Line	Name	Definition	Type	Size
1	OBJECTID	Sequential unique whole numbers that are automatically generated.	OBJECTID	*
2	SHAPE	Coordinates defining the features.	Geometry	*
3	PKAirspaceID	No definition available.	String	20
4	PKMapID	No definition available.	Integer	4
5	FKMetaID	No definition available.	String	20
6	FKMediaID	No definition available.	String	20
7	FKCoordID	No definition available.	String	20
8	Remarks	No definition available.	String	240
9	Narrative	No definition available.	String	240
10	Elevation	No definition available.	Single	4
11	FeatDesc	No definition available.	String	80
12	FeatName	No definition available.	String	30
13	DateEstab	No definition available.	Integer	4
14	DateEnfor	No definition available.	Integer	4
15	NoticeNum	No definition available.	String	30
16	Actions	No definition available.	String	80
17	FeatTypDOM	No definition available.	String	16
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	GridValue	No definition available.	Single	4
23	FKInstlnID	No definition available.	String	20
24	FKFacilID	No definition available.	String	20
25	UserFlag	No definition available.	String	20
26	Shape_Length	Length of feature in internal units.	Double	8
27	Shape_Area	Area of feature in internal units squared.	Double	8

Name of Feature Class: regulated_airspace_area

Total Number of Unique Features: 37

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: -88.03W to -71.38W, 40.45N to 28.83N