## Appendix C

# DISPERSANT STOCKPILES AND EQUIPMENT DISTRIBUTION

As cross-referenced in Chapter 4, "Assessment of the Impact of Dispersant Use on Response Capability," this appendix contains maps depicting the dispersant stockpile and equipment distribution throughout the United States, including maps that show the airport locations for short-range (50 nmiles) and long-range (150 nmiles) aircraft dispersant operations. Tables delineating airport specifications complement these latter sets of maps.

- Figures C-1 through C-5: Distribution of existing dispersant delivery vehicles and stockpiles
- Figures C-6 through C-12: Short-range aircraft coverage limits for the coastal United States
- Table C-1: Runway specifications at coastal U.S. airports (short-range aircraft)
- Figures C-13 through C-20: Long-range aircraft coverage limits for the coastal United States
- Table C-2: Runway specifications at coastal U.S. airports (long-range aircraft)
- Figures C-21 through C-24: Contracted and identified long-range aircraft response times

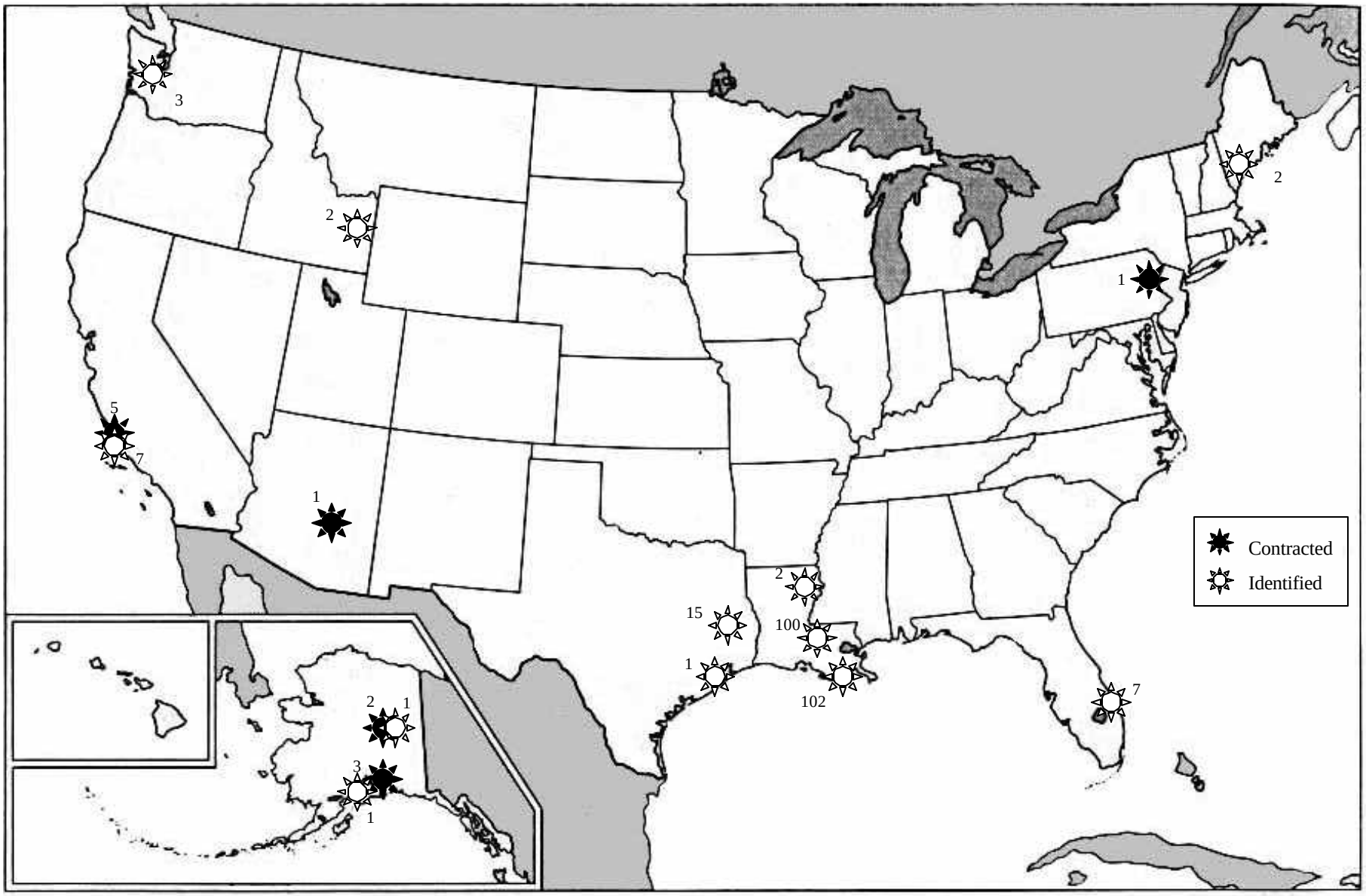


**FIGURE C-1.** Distribution of Contracted and Identified Short-Range Dispersant Application Aircraft.

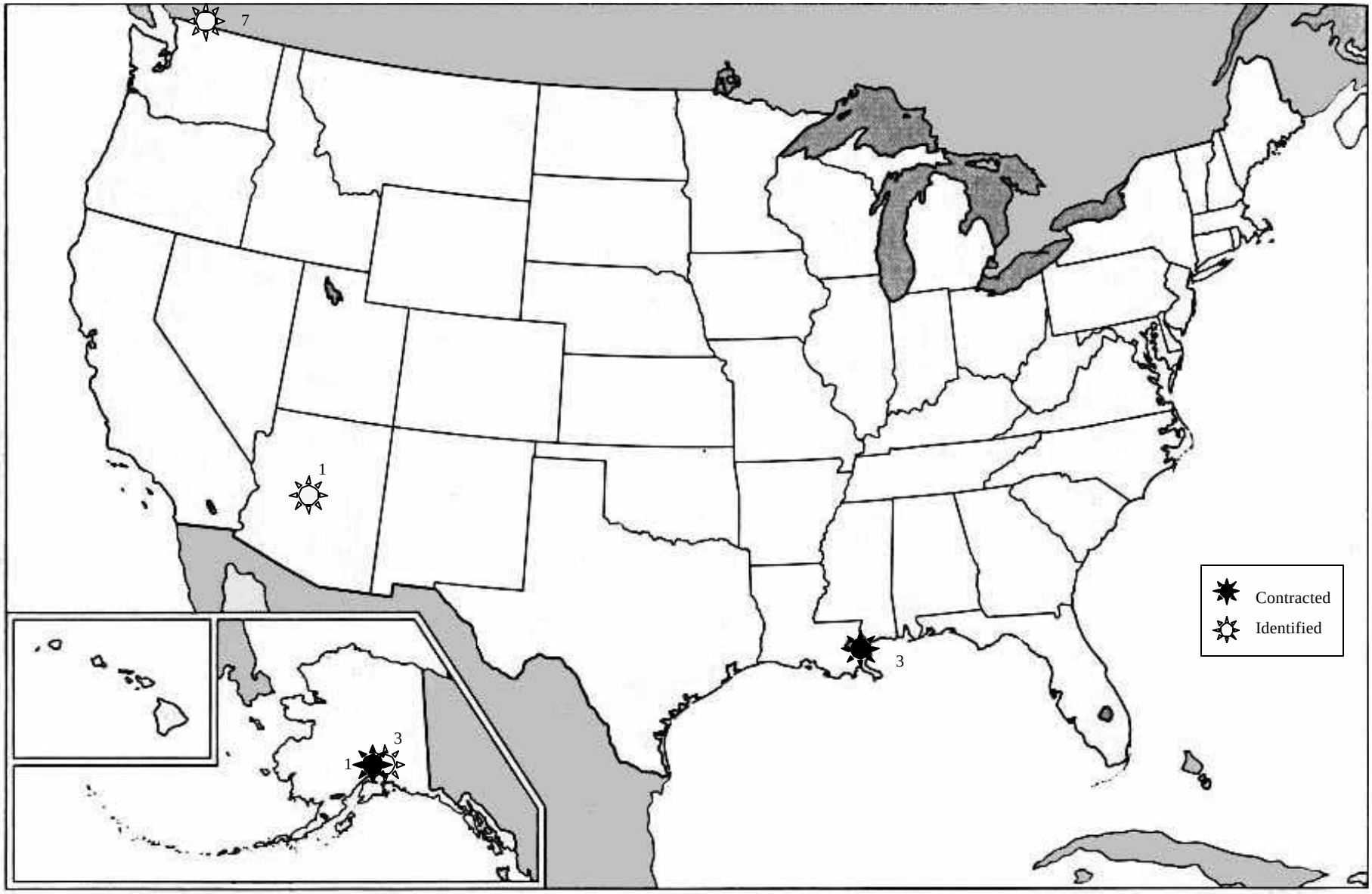


**FIGURE C-2.** Distribution of Contracted and Identified Long-Range Dispersant Application Aircraft.

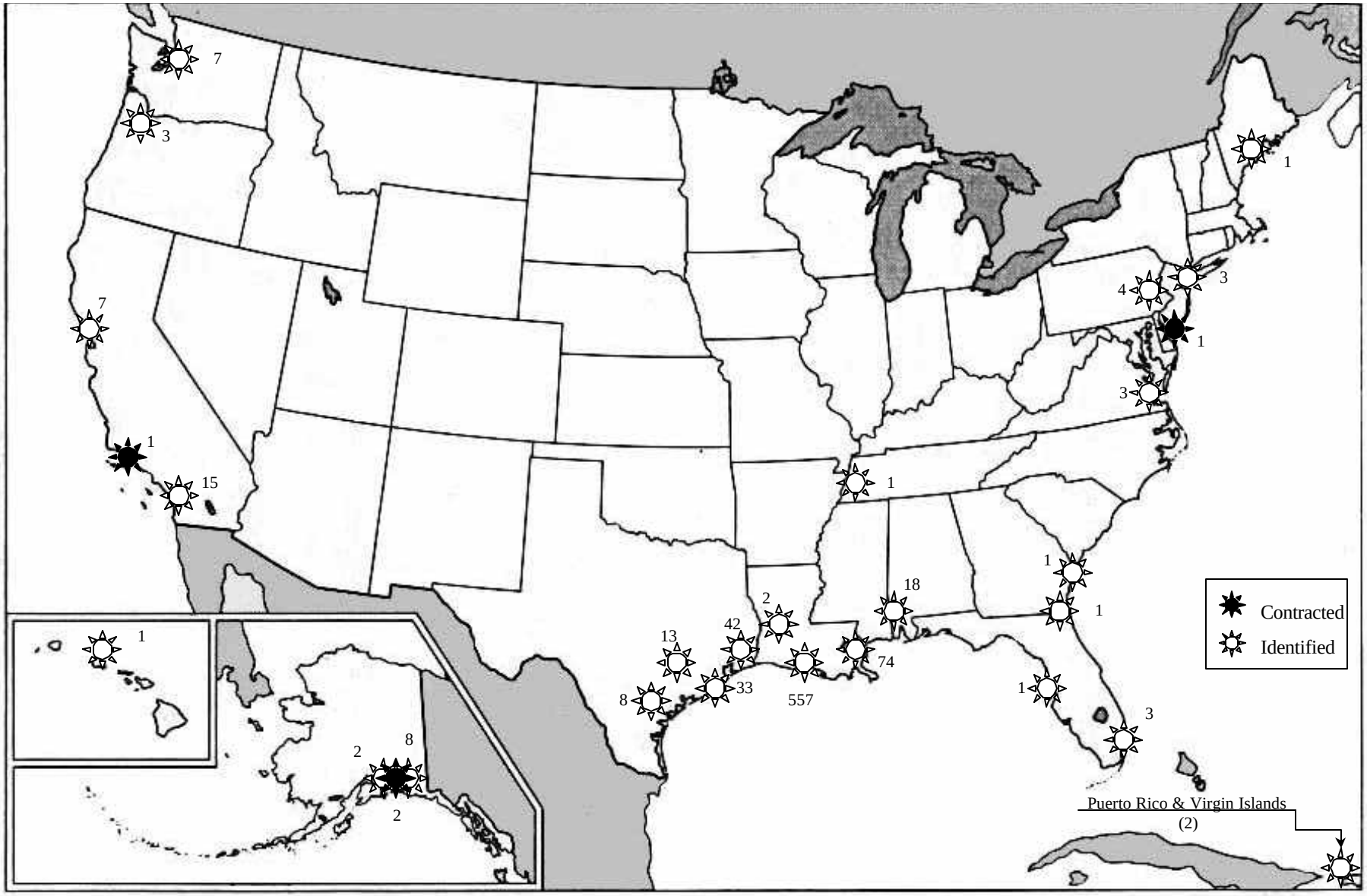


**FIGURE C-3.** Distribution of Contracted and Identified Dispersant Application Vessels.

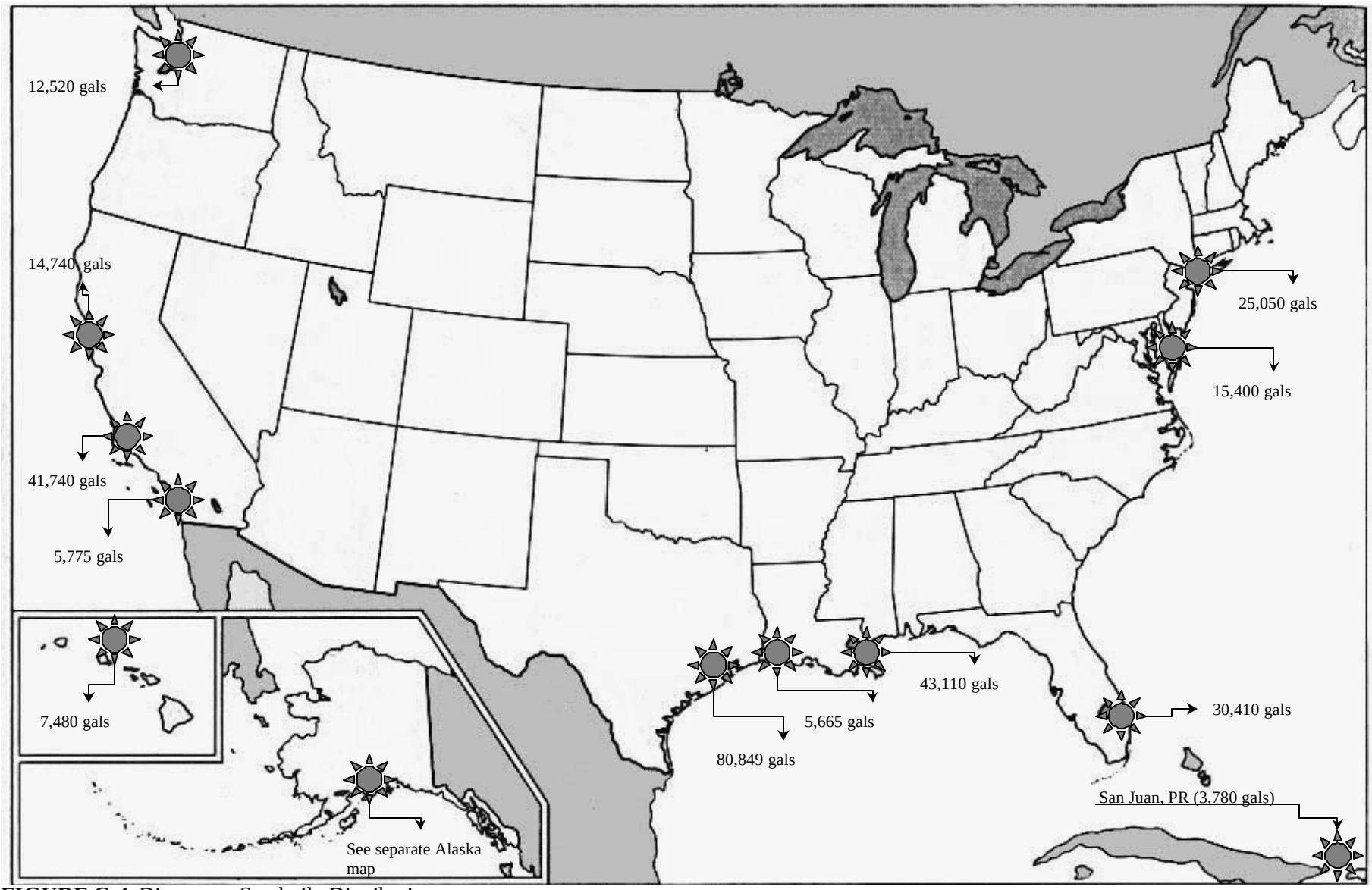


**FIGURE C-4.** Dispersant Stockpile Distribution.

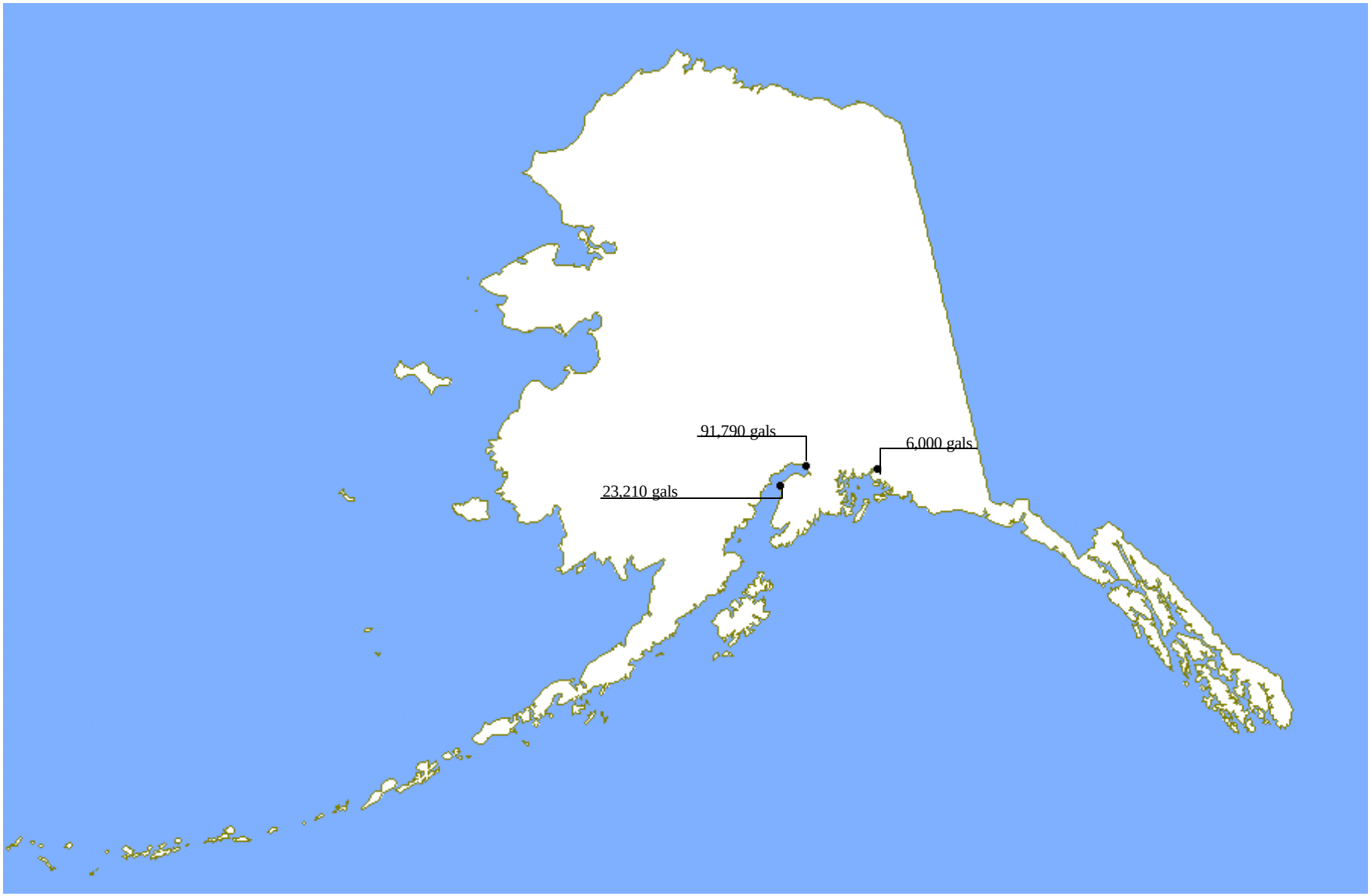


**FIGURE C-5.** Dispersant Stockpile Distribution in Alaska.

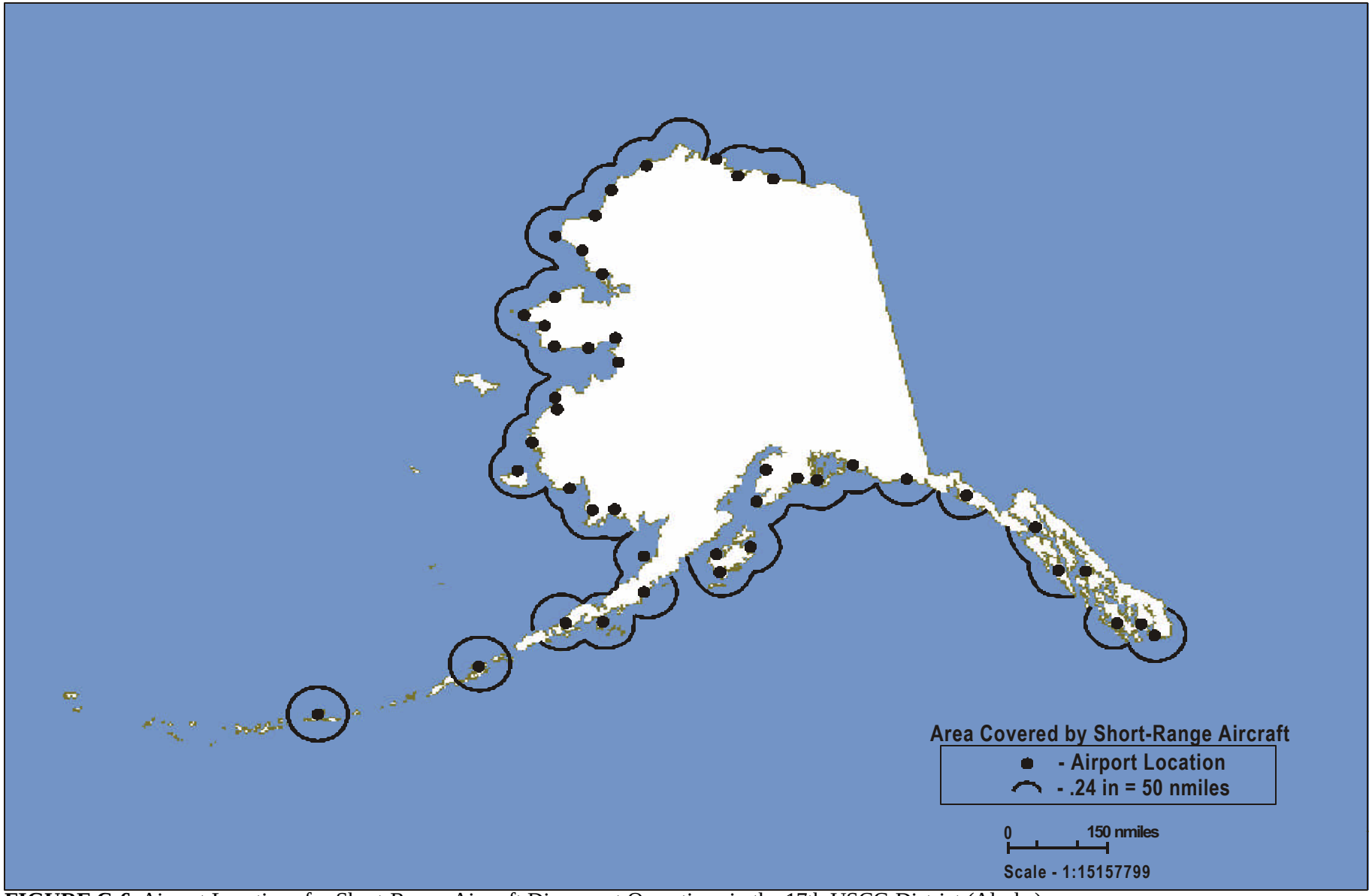


**FIGURE C-6.** Airport Locations for Short-Range Aircraft Dispersant Operations in the 17th USCG District (Alaska).

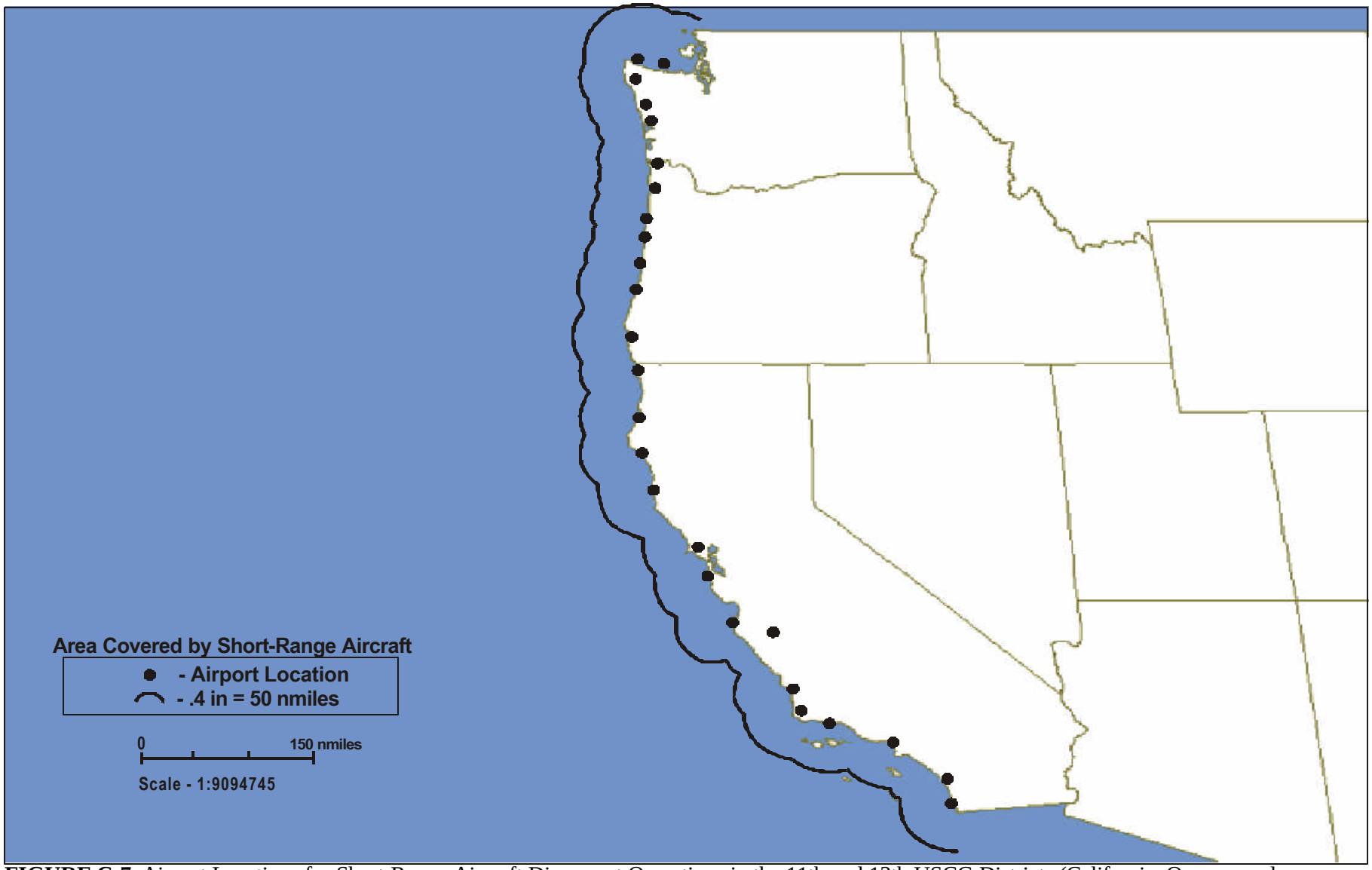


**FIGURE C-7.** Airport Locations for Short-Range Aircraft Dispersant Operations in the 11th and 13th USCG Districts (California, Oregon, and Washington).

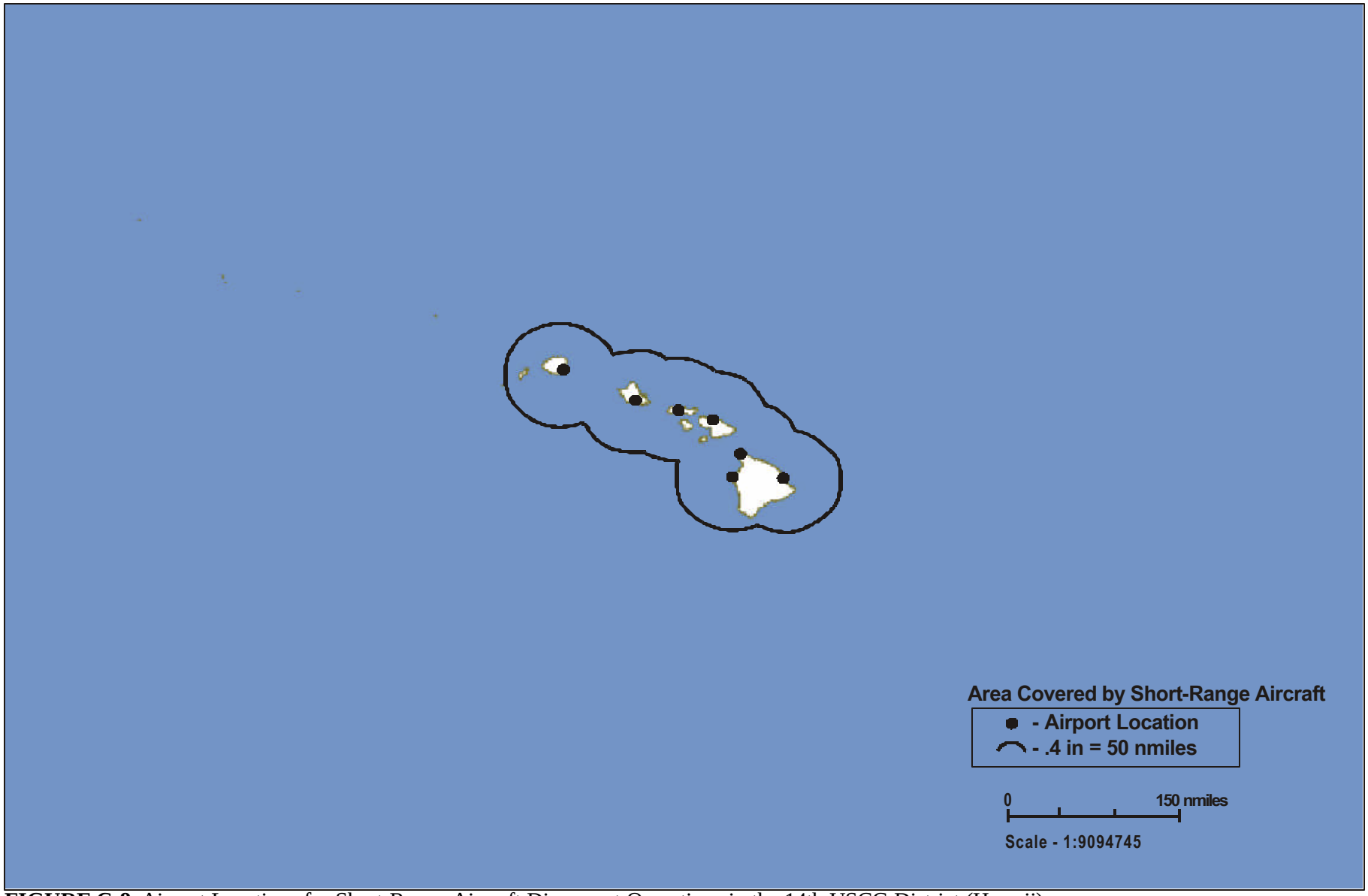


**FIGURE C-8.** Airport Locations for Short-Range Aircraft Dispersant Operations in the 14th USCG District (Hawaii).

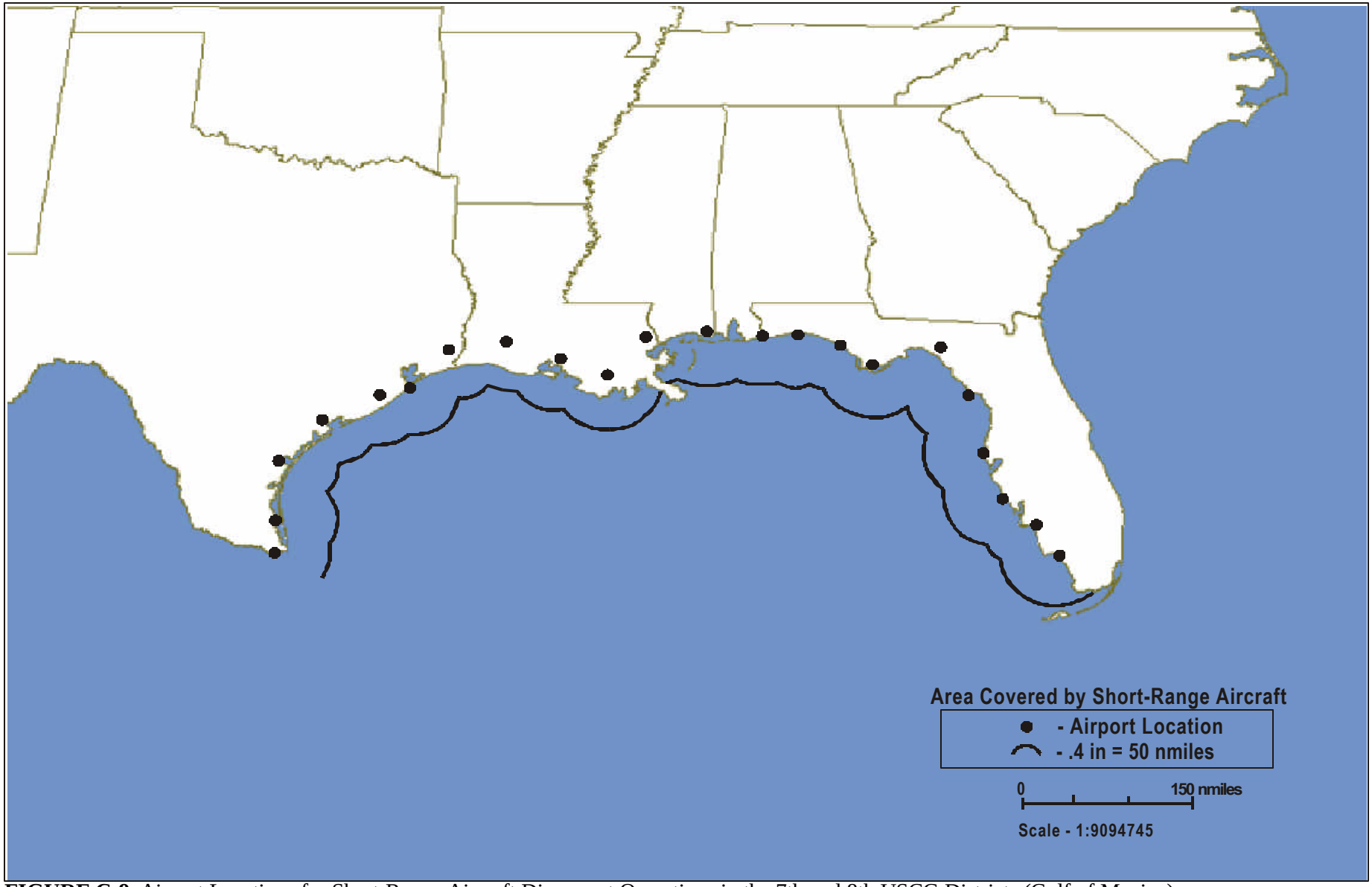


**FIGURE C-9.** Airport Locations for Short-Range Aircraft Dispersant Operations in the 7th and 8th USCG Districts (Gulf of Mexico).

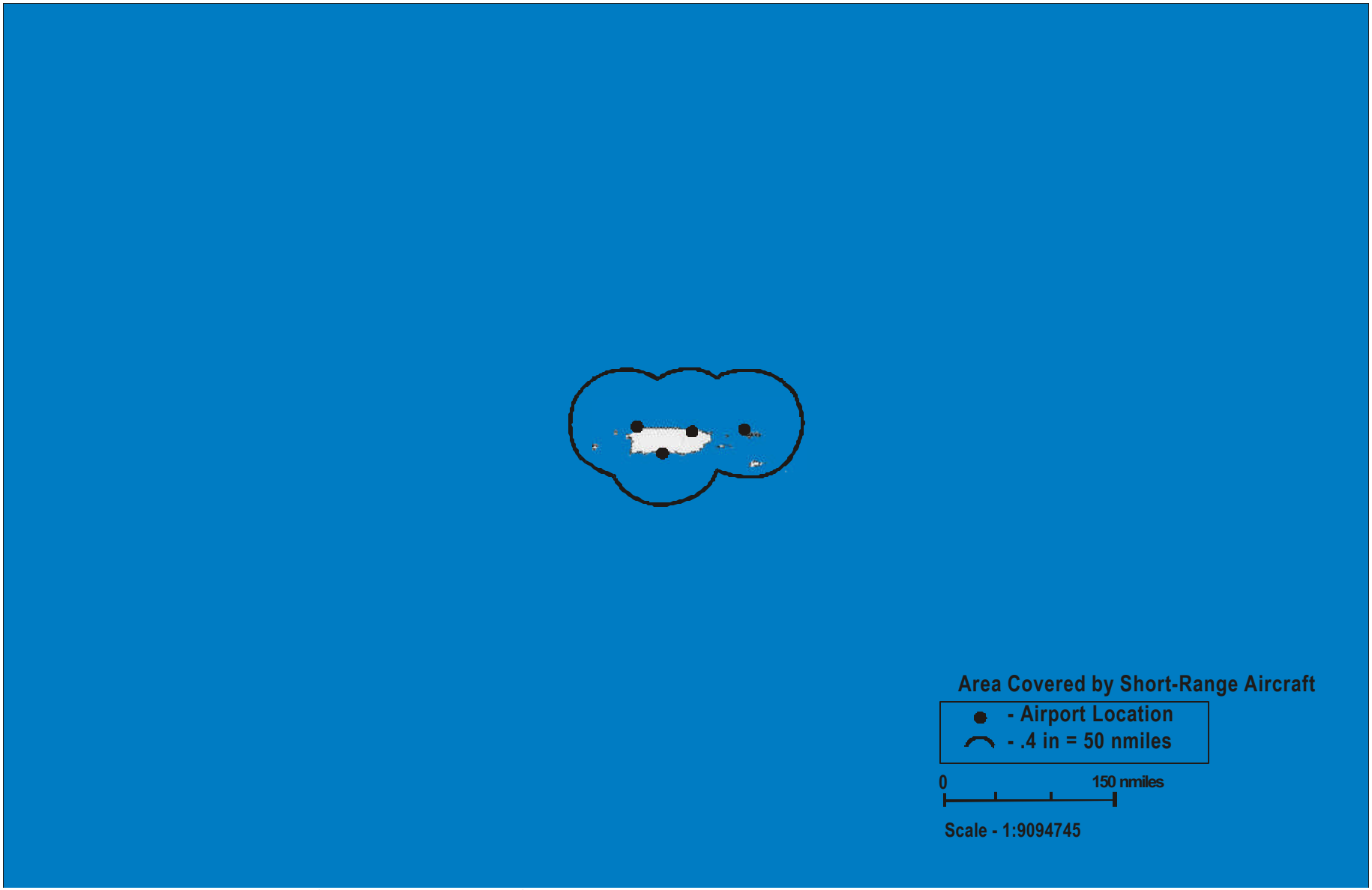


**FIGURE C-10.** Airport Locations for Short-Range Aircraft Dispersant Operations in the 7th USCG District (Puerto Rico and U.S. Virgin Islands).

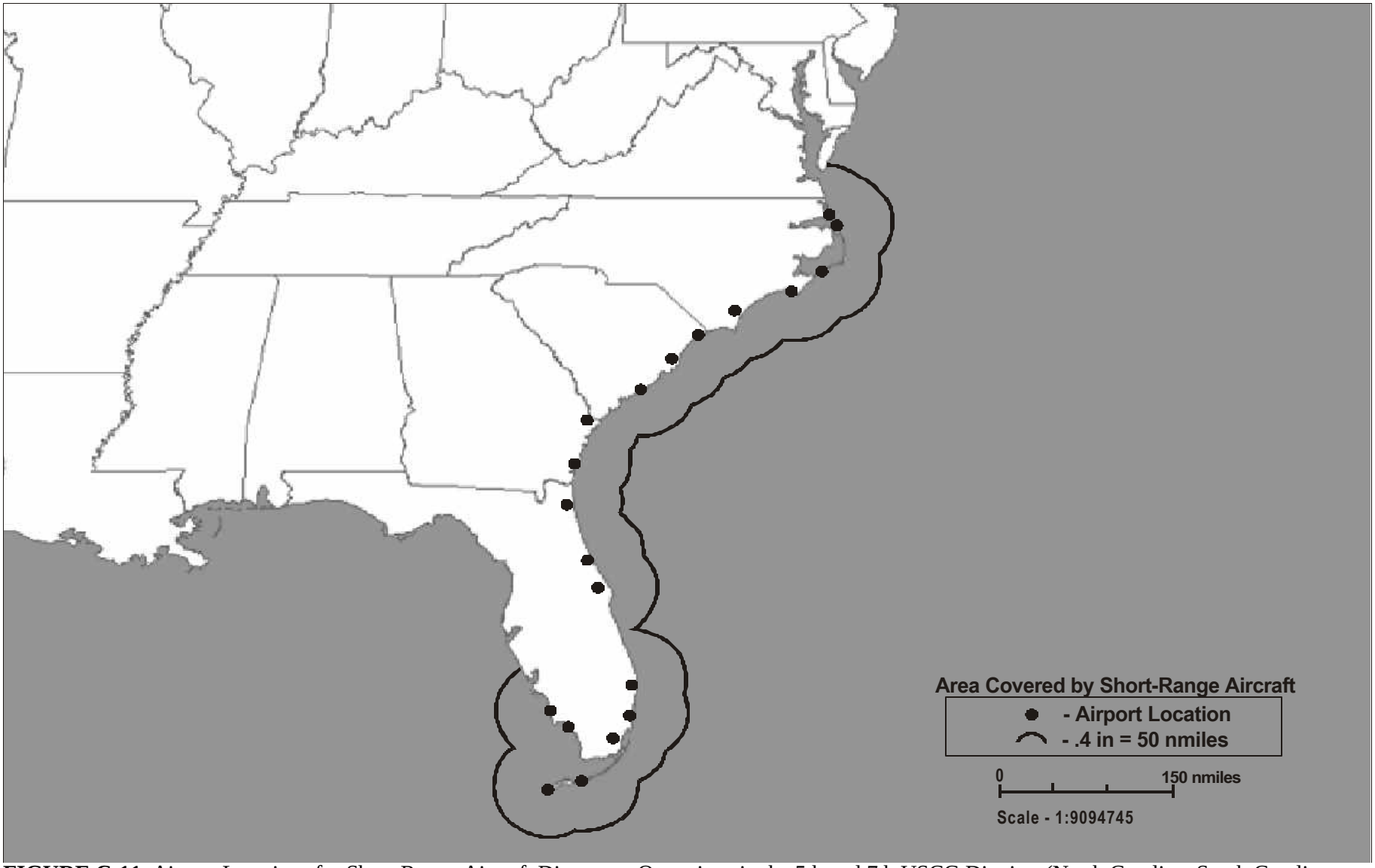


**FIGURE C-11.** Airport Locations for Short-Range Aircraft Dispersant Operations in the 5th and 7th USCG Districts (North Carolina, South Carolina, Georgia, and Florida).

**FIGURE C-12.** Airport Locations for Short-Range Aircraft Dispersant Operations in the 1st and 5th USCG Districts (Maine, New Hampshire, Massachusetts, Connecticut, New York, New Jersey, Maryland, Virginia, and North Carolina).

**TABLE C-1.** Runway Specifications for Short-Range Aircraft.

| LOCATION | AIRPORT NAME | LATITUDE | LONGITUDE | RUNWAY LENGTH (FT) | SURFACE, CONDITION |
|---|---|---|---|---|---|
| **ALASKA** | | | | | |
| Deadhorse | Deadhorse Airport | 70.1947N | 148.4651W | 6,500 × 150 | Asphalt, good |
| Nuiqsut | Nuiqsut Airport | 70.209N | 151.005W | 4,343 × 90 | Gravel, good |
| Barrow | Wiley Post-Will Rogers Memorial | 71.285 N | 156.766 W | 6,500 × 150 | Asphalt, fair |
| Wainwright | Wainwright Airport | 70.613 N | 159.860 W | 4,494 × 90 | Gravel, good |
| Point Lay | Point Lay LRRS Airport | 69.729 N | 163.017 W | 3,519 × 80 | Gravel, good |
| Cape Beaufort | Cape Sabine Airport | 69.024 N | 163.857 W | 2,700 × 75 | Gravel, poor |
| Point Hope | Point Hope Airport | 68.349 N | 166.799 W | 4,000 × 75 | Asphalt, good |
| Kivalina | Kivalina Airport | 67.731 N | 164.552 W | 3,000 × 60 | Gravel, good |
| Kotzebee | Ralph Wien Memorial | 66.885 N | 162.599 W | 5,900 × 150 | Asphalt, grooved |
| Nome | Nome Airport | 64.5122N | 165.4452W | 5,576 × 150 | Asphalt/grooved, good |
| Shishmaref | Shishmaref/New Airport | 66.250 N | 166.090 W | 5,000 × 70 | Asphalt, good |
| Wales | Wales Airport | 65.624 N | 168.099 W | 4,000 × 75 | Gravel, good |
| Teller | Teller Airport | 65.241 N | 166.336 W | 3,000 × 60 | Gravel, good |
| Koyuk | Koyuk Airport | 64.934 N | 161.158 W | 3,000 × 60 | Gravel, good |
| Unalakleet | Unalakleet Airport | 63.888 N | 160.799 W | 6,004 × 150 | Gravel, good |
| Emmonak | Emmonak Airport | 62.7851N | 164.491W | 4,400 × 75 | Gravel, good |
| Golovin | New Golovin Airport | 64.553 N | 163.0089 W | 4,000 × 75 | Gravel, good |
| Hopper Bay | Hooper Bay Airport | 61.524 N | 166.147 W | 3,300 × 75 | Asphalt, good |
| Mekoryuk | Airport | 60.37 N | 166.271 W | 3,070 × 75 | Gravel, good |
| Kwigillingok | Airport | 59.876 N | 163.168 W | 2,500 × 35 | Gravel, fair |
| Togiak Village | Togiak Airport | 59.053 N | 160.397 W | 4,220 × 125 | Gravel, good |
| Goodnews Bay | Goodnews Airport | 59.117 N | 161.581 W | 2,850 × 80 | Gravel, good |
| Sand Point | Sand Point Airport | 55.315 N | 160.518 W | 4,000 × 150 | Asphalt, good |
| Cold Bay | Cold Bay Airport | 55.206 N | 162.724 W | 10,420 × 150 | Asphalt/grooved, good |
| Chignik | Chignik Airport | 56.311 N | 158.373 W | 2,600 × 60 | Gravel, good |
| Kodiak | Kodiak Airport | 57.7499 N | 152.494 W | 7,562 × 150 | Asphalt/grooved, good |
| Pilot Point | Ugashik Bay | 57.425 N | 157.7398 W | 5,280 × 125 | Gravel, good |

*Continued*

**TABLE C-1.** Runway Specifications for Short-Range Aircraft (*Continued*).

| LOCATION | AIRPORT NAME | LATITUDE | LONGITUDE | RUNWAY LENGTH (FT) | SURFACE, CONDITION |
|---|---|---|---|---|---|
| **ALASKA** (*Continued*) | | | | | |
| Larson Bay | Larsen Bay Airport | 57.535 N | 153.978 W | 2,700 × 75 | Gravel, good |
| Seward | Seward Airport | 60.127 N | 149.419 W | 4,240 × 100 | Asphalt, good |
| Chenega | Chenega Bay Airport | 60.077 N | 147.992 W | 3,000 × 75 | Gravel, good |
| Homer | Homer Airport | 59.646 N | 151.477 W | 6,700 × 150 | Asphalt, poor |
| Cordova | Merle K. (Mudhole) Smith | 60.491 N | 145.478 W | 7,499 × 150 | Asphalt/grooved, poor |
| Yakataga | Yakataga Airport | 60.082 N | 142.493 W | 4,350 × 75 | Gravel, fair |
| Yakutat | Yakutat Airport | 59.5033 N | 139.6602 W | 7,748 × 150 | Asphalt/gravel, good |
| Gustavus | Gustavus Airport | 58.424 N | 135.707 W | 6,700 × 150 | Asphalt, fair |
| Sitka | Sitka Rocky Gutierrez Airport | 57.047 N | 135.362 W | 6,500 × 150 | Asphalt/grooved, good |
| Kake | Kake Airport | 56.962 N | 133.913 W | 4,000 × 100 | Asphalt, good |
| Craig | Kalawock Airport | 55.475 N | 133.146 W | 5,000 × 100 | Asphalt, good |
| Ketchikan | Ketchikan International Airport | 55.356 N | 131.714 W | 7,497 × 150 | Asphalt/grooved, good |
| **WASHINGTON** | | | | | |
| Port Angeles | William R. Fairchild International | 48.120N | 123.500W | 6,349 × 150 | Asphalt, fair |
| Sekiu | Sekiu Airport | 48.266N | 124.307W | 2,980 × 50 | Asphalt, good |
| Forks | Forks Airport | 47.941N | 124.393W | 2,400 × 75 | Asphalt, good |
| South Bend/Raymond | Willapa Harbor Airport | 46.696N | 123.822W | 3,000 × 52 | Asphalt, good |
| Hoquiam | Bowerman Airport | 46.9712N | 123.937W | 4,999 × 150 | Asphalt, good |
| **OREGON** | | | | | |
| Astoria | Astoria Regional | 46.157N | 123.877W | 5,796 × 100 | Asphalt, not reported |
| Tillamook | Tillamook | 45.419N | 123.814W | 4,990 × 100 | Asphalt, not reported |
| Gleneden Beach | Siletz Bay State | 44.878N | 124.028W | 3,000 × 60 | Asphalt, fair |
| Florence | Florence Muni | 43.979N | 124.1096W | 3,000 × 60 | Asphalt, good |
| Newport | Newport Muni | 44.580N | 124.058W | 5,398 × 75 | Asphalt, good |
| North Bend | North Bend Muni | 43.417N | 124.246W | 5,321 × 150 | Asphalt, good |
| Gold Beach | Gold Beach Muni | 42.413N | 124.424W | 3,200 × 75 | Asphalt, good |

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**TABLE C-1.** Runway Specifications for Short-Range Aircraft (*Continued*).

| LOCATION | AIRPORT NAME | LATITUDE | LONGITUDE | RUNWAY LENGTH (FT) | SURFACE, CONDITION |
|---|---|---|---|---|---|
| **CALIFORNIA** | | | | | |
| Crescent City | Jack McNamara Field | 41.780N | 124.237W | 5,002 x 150 | Asphalt, good |
| Eureka | Murray Field | 40.803N | 124.113W | 3,000 × 75 | Asphalt, fair |
| Shelter Cove | Shelter Cove Airport | 40.0276N | 124.0734W | 3,400 × 75 | Asphalt, fair |
| Little River | Little River | 39.262N | 123.754W | 5,249 × 150 | Asphalt, fair |
| Navato | Gnoss Field | 38.144N | 122.557W | 3,300 × 75 | Asphalt, good |
| Half Moon Bay | Half Moon Bay | 37.514N | 122.501W | 5,000 × 150 | Asphalt/concrete, fair |
| Monterey | Monterey Peninsula | 36.587N | 121.843W | 7,598 ×150 | Asphalt/grooved |
| King City | Mesa Del Ray | 36.228N | 121.121W | 4,485 × 100 | Asphalt, good |
| San Luis Obispo | San Luis Obispo County-McChesney Field | 35.237N | 120.643W | 3,259 × 100 | Asphalt, fair |
| Lompoc | Lompoc | 34.666N | 120.467W | 3,600 × 100 | Asphalt, fair |
| Santa Barbara | Santa Barbara Muni | 34.426N | 119.840W | 6,052 × 150 | Asphalt, good |
| Santa Monica | Santa Monica Muni | 34.0158N | 118.451W | 4,987 × 150 | Asphalt, good |
| Oceanside | Oceanside Muni | 33.218N | 117.352W | 2,712 × 75 | Asphalt, good |
| San Diego | San Diego International-Lindbergh Field | 32.734N | 117.190W | 9,400 × 200 | Concrete/asphalt/grooved, good |
| **HAWAII** | | | | | |
| Lihue | Lihue Airport | 21.976N | 159.339W | 6,500 × 150 | Asphalt/grooved, good |
| Honolulu | Honolulu International Airport | 21.319N | 157.922W | 6,952 × 150 | Asphalt, good |
| Kaunakakai | Molokai | 21.1528858N | 157.0962561W | 4,494 × 100 | Asphalt, good |
| Kahului | Kahului Airport | 20.8986497N | 156.4304578W | 6,995 × 150 | Asphalt/grooved, good |
| Hawi | Upolu Airport | 20.265N | 155.86W | 3,800 × 75 | Asphalt, good |
| Hilo | Hilo International Airport | 19.720N | 155.048W | 5,600 × 150 | Asphalt, good |
| Kailua/Kona | Kona International at Keahole | 19.739N | 156.046W | 11,000 × 150 | Asphalt/grooved, good |
| **TEXAS** | | | | | |
| Brownsville | Brownsville/South Padre Island International | 25.907N | 97.426W | 7,400 × 150 | Asphalt/grooved, good |
| Port Mansfield | Charles R. Johnson Airport | 26.562N | 97.438W | 3,200 × 50 | Asphalt, poor |
| Corpus Christi | Corpus Christi International Airport | 27.770N | 97.501W | 7,508 × 150 | Asphalt/grooved, good |
| Port Lavaca | Calhoun County Airport | 28.654N | 96.681W | 5,004 × 75 | Asphalt, fair |

*Continued*

**TABLE C-1.** Runway Specifications for Short-Range Aircraft (*Continued*).

| LOCATION | AIRPORT NAME | LATITUDE | LONGITUDE | RUNWAY LENGTH (FT) | SURFACE, CONDITION |
|---|---|---|---|---|---|
| **TEXAS** (*Continued*) | | | | | |
| Angleton/Lake Jackson | Brazoria County Airport | 29.110N | 95.462W | 7,000 × 100 | Asphalt/grooved, good |
| Beaumont/Port Arthur | Jefferson County Airport | 29.950N | 94.020W | 6,750 × 150 | Concrete/grooved, good |
| Galveston | Scholes Field | 29.265N | 94.860W | 6,001 × 150 | Asphalt/concrete, fair |
| **LOUISIANA** | | | | | |
| Welsh | Welsh Airport | 30.242N | 92.829W | 2,700 × 50 | Asphalt, fair |
| Jeanerette | LeMaire Memorial | 29.899N | 91.666W | 3,000 × 75 | Asphalt, good |
| Houma | Houma-Terrebonne | 29.567N | 90.661W | 6,508 × 150 | Concrete, good |
| Slidell | Slidell Airport | 30.345N | 89.821W | 4,058 × 100 | Asphalt, good |
| **MISSISSIPPI** | | | | | |
| Pascagoula | Trent Lott International | 30.463N | 88.529W | 6,500 × 100 | Asphalt, good |
| **FLORDIA** | | | | | |
| Pensacola | Ferguson | 30.399N | 87.345W | 3,200 × 40 | Asphalt, good |
| Destin | Destin-Fort Walton Beach | 30.400N | 86.471W | 4,999 × 100 | Asphalt, good |
| Panama City | Panama City-Bay County International | 30.212N | 85.683W | 6,308 × 150 | Asphalt/grooved, good |
| Apalachicola | Apalachicola Muni | 29.727N | 85.0296W | 5,350 × 150 | Concrete, good |
| Perry | Perry-Foley | 30.069N | 83.581W | 4,986 × 150 | Asphalt, fair |
| Cedar Key | George T. Lewis | 29.138N | 83.050W | 2,355 × 100 | Asphalt, fair |
| Clearwater | Clearwater Airpark | 27.977N | 82.759W | 3,300 × 75 | Asphalt, good |
| Venice | Venice Muni | 27.072N | 82.440W | 5,000 × 150 | Asphalt, fair |
| Fort Myers | Southwest Florida International | 26.536N | 81.755W | 12,000 × 150 | Asphalt/grooved, good |
| Everglades | Everglades Airpark | 25.849N | 81.390W | 2,400 × 50 | Asphalt, good |
| Naples | Naples Muni | 26.152N | 81.775W | 5,000 × 100 | Asphalt/grooved, good |
| Key West | Key West International | 24.556N | 81.760W | 4,800 × 100 | Asphalt/grooved, good |
| Fort Lauderdale | Fort Lauderdale/Hollywood International | 26.073N | 80.153W | 9,000 × 150 | Asphalt/grooved, good |
| West Palm Beach | Palm Beach International | 26.683N | 80.0956W | 7,989 × 150 | Asphalt/grooved, good |
| Titusville | Arthur Dunn Airpark | 28.622N | 80.836W | 3,000 × 70 | Asphalt, fair |

*Continued*

**TABLE C-1.** Runway Specifications for Short-Range Aircraft (*Continued*).

| LOCATION | AIRPORT NAME | LATITUDE | LONGITUDE | RUNWAY LENGTH (FT) | SURFACE, CONDITION |
|---|---|---|---|---|---|
| **FLORIDA** (*Continued*) | | | | | |
| Daytona Beach | Daytona Beach International | 29.180N | 81.058W | 10,500 × 150 | Asphalt/grooved, good |
| Jacksonville | Craig Muni | 30.336N | 81.514W | 4,004 × 100 | Asphalt, good |
| **PUERTO RICO** | | | | | |
| Aguadilla | Rafael Hernandez Airport | 18.496N | 67.129W | 11,701 × 200 | Asphalt/concrete, good |
| Ponce | Mercedita Airport | 18.008N | 66.563W | 6,904 × 150 | Asphalt/concrete, good |
| San Juan | Luis Munoz Marin International | 18.439N | 66.002W | 10,002 × 200 | Asphalt, good |
| **U.S. VIRGIN ISLANDS** | | | | | |
| Charlotte Amalie | Cyril E. King | 18.337N | 64.973W | 7,000 × 150 | Asphalt/grooved, good |
| **GEORGIA** | | | | | |
| Brunswick | Malcolm McKinnon | 31.152N | 81.391W | 5,421 × 150 | Asphalt, good |
| Savannah | Savannah International | 32.127N | 81.202W | 9,351 × 150 | Concrete/grooved, good |
| **SOUTH CAROLINA** | | | | | |
| Charleston | Charleston Executive | 32.701N | 80.003W | 5,000 × 150 | Concrete, good |
| Georgetown | Georgetown County | 33.312N | 79.320W | 5,000 × 100 | Asphalt, good |
| North Myrtle Beach | Grand Strand | 33.8118N | 78.724W | 5,996 × 100 | Asphalt, fair |
| **NORTH CAROLINA** | | | | | |
| Wilmington | Wilmington International | 34.271N | 77.903W | 8,015 × 200 | Asphalt/concrete/grooved, good |
| Beaufort | Michael J. Smith Field | 34.734N | 76.661W | 4,249 × 100 | Asphalt, good |
| Kill Devil Hills | First Flight | 36.0182N | 75.6712W | 3,000 × 60 | Asphalt, good |
| Ocracoke | Ocracoke Island | 35.1011N | 75.965W | 3,000 × 60 | Asphalt, good |
| **VIRGINIA** | | | | | |
| Williamsburg | Williamsburg-Jamestown | 37.239N | 76.716W | 3,204 × 60 | Asphalt, good |
| **MARYLAND** | | | | | |
| Salisbury | Salisbury-Ocean City Wicomico Regional | 38.34N | 75.51W | 5,500 × 150 | Asphalt/concrete, good |
| **NEW JERSY** | | | | | |
| Atlantic City | Atlantic City Muni/Bader Field | 39.355N | 74.418W | 2,596 × 100 | Asphalt, good |
| Lakewood | Lakewood Airport | 40.0668N | 74.178W | 3,457 × 50 | Asphalt, fair |

*Continued*

**TABLE C-1.** Runway Specifications for Short-Range Aircraft (*Continued*).

| LOCATION | AIRPORT NAME | LATITUDE | LONGITUDE | RUNWAY LENGTH (FT) | SURFACE, CONDITION |
|---|---|---|---|---|---|
| **NEW YORK** | | | | | |
| New York | JFK | 40.640N | 73.779W | 11,351 × 150 | Asphalt/concrete/grooved, good |
| Islip | Long Island MacArthur | 40.795N | 73.100W | 7,002 × 150 | Asphalt/grooved, good |
| **MASSACHUSETTS** | | | | | |
| Provincetown | Provincetown Muni | 42.072N | 70.221W | 3,498 × 100 | Asphalt, fair |
| Boston | General Edward Lawrence Logan International | 42.364N | 71.005W | 7,860 × 150 | Asphalt/grooved, good |
| **CONNETICUT** | | | | | |
| Groton/New London | Groton-New London | 41.33N | 72.048W | 5,000 × 150 | Asphalt/grooved, good |
| **NEW HAMPSHIRE** | | | | | |
| Portsmouth | Pease International Tradeport | 43.078N | 70.823W | 11,318 × 150 | Asphalt/concrete/grooved, good |
| **MAINE** | | | | | |
| Portland | Portland International Jetport | 43.646N | 70.309W | 6,800 × 150 | Asphalt, good |
| Wiscasset | Wiscasset | 43.961N | 69.713W | 3,397 × 75 | Asphalt, fair |
| Bar Harbor | Hancock County | 44.450N | 68.362W | 5,200 × 100 | Asphalt, good |
| Eastport | Eastport Muni | 44.910N | 67.013W | 4,000 × 75 | Asphalt, good |

Source: Adapted from AirNav created by Paulo Santos (*www.airnav.com*).

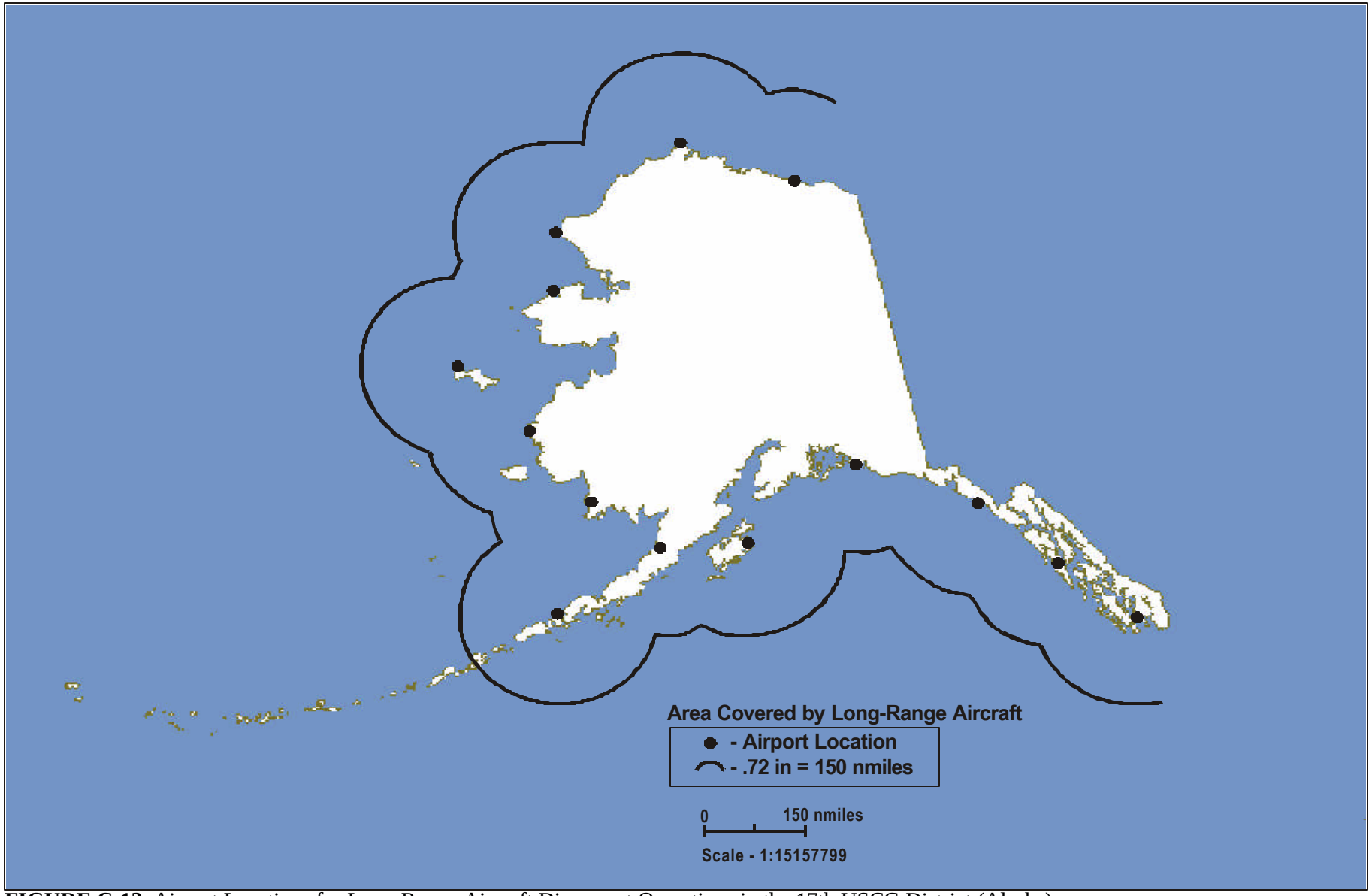


**FIGURE C-13.** Airport Locations for Long-Range Aircraft Dispersant Operations in the 17th USCG District (Alaska).

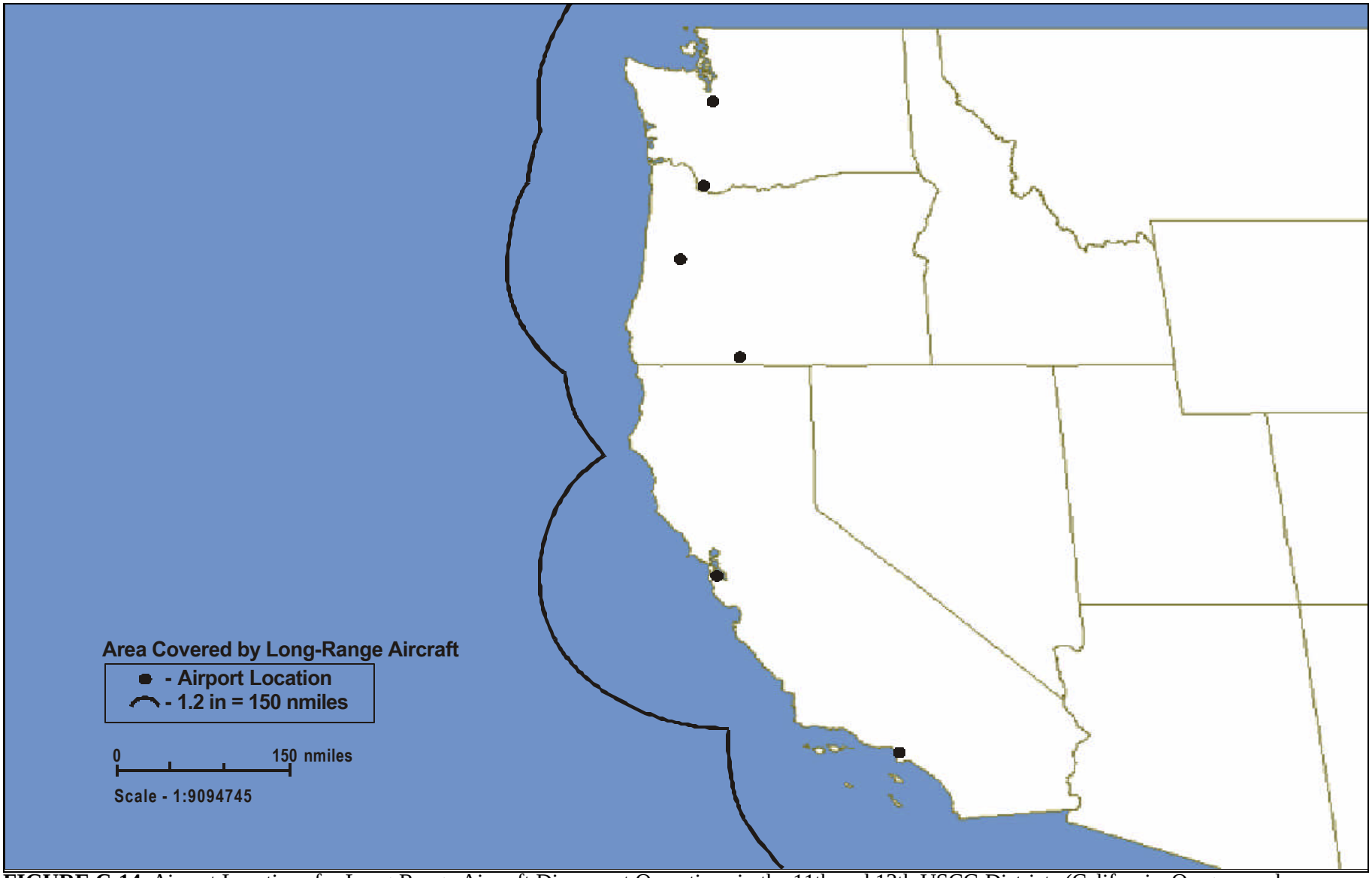


**FIGURE C-14.** Airport Locations for Long-Range Aircraft Dispersant Operations in the 11th and 13th USCG Districts (California, Oregon, and Washington).

**FIGURE C-15.** Airport Locations for Long-Range Aircraft Dispersant Operations in the 11th USCG Districts (California).

**FIGURE C-16.** Airport Locations for Long-Range Aircraft Dispersant Operations in the 14th USCG District (Hawaii).

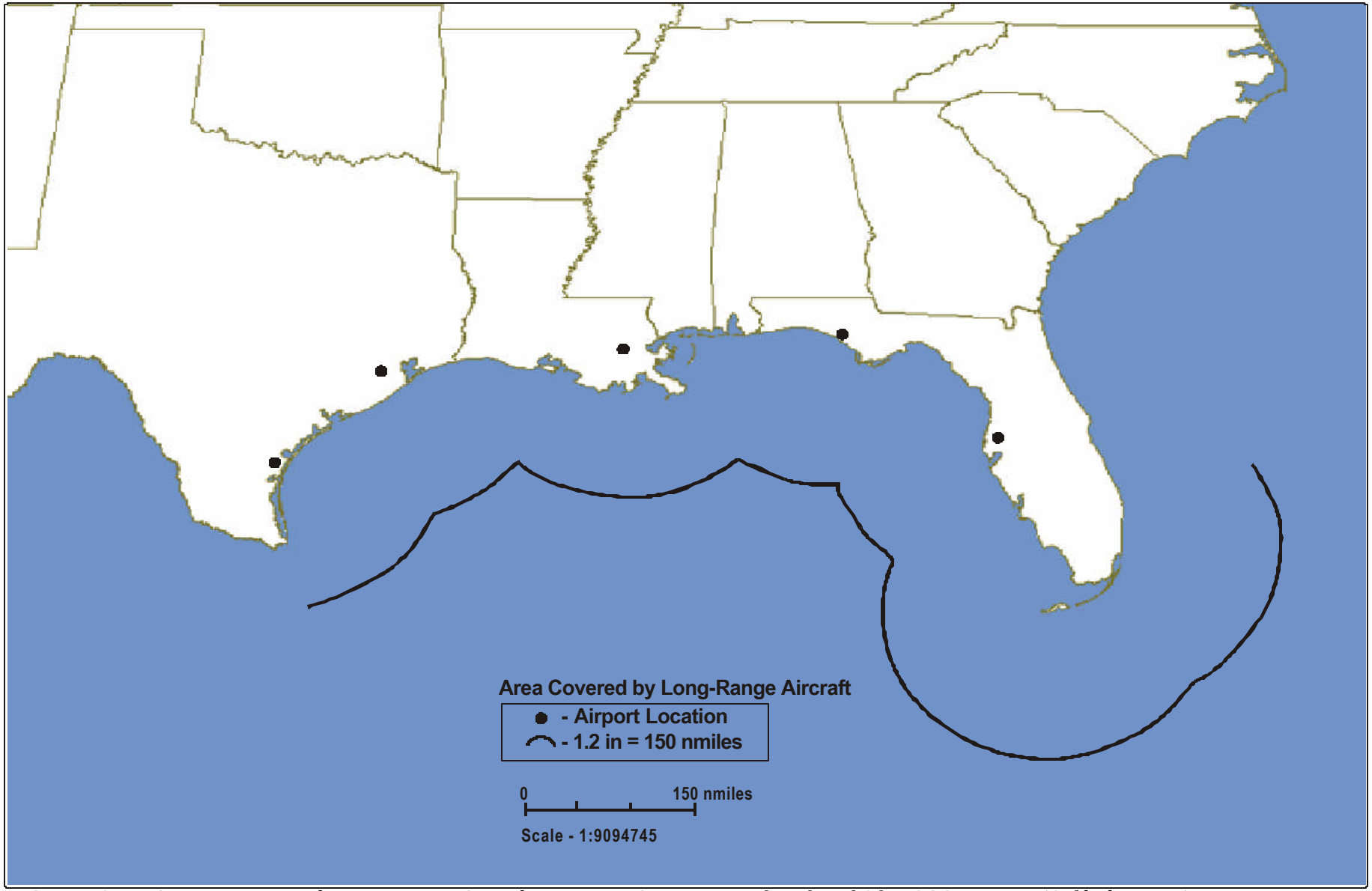


**FIGURE C-17.** Airport Locations for Long-Range Aircraft Dispersant Operations in the 7th and 8th USCG Districts (Gulf of Mexico).

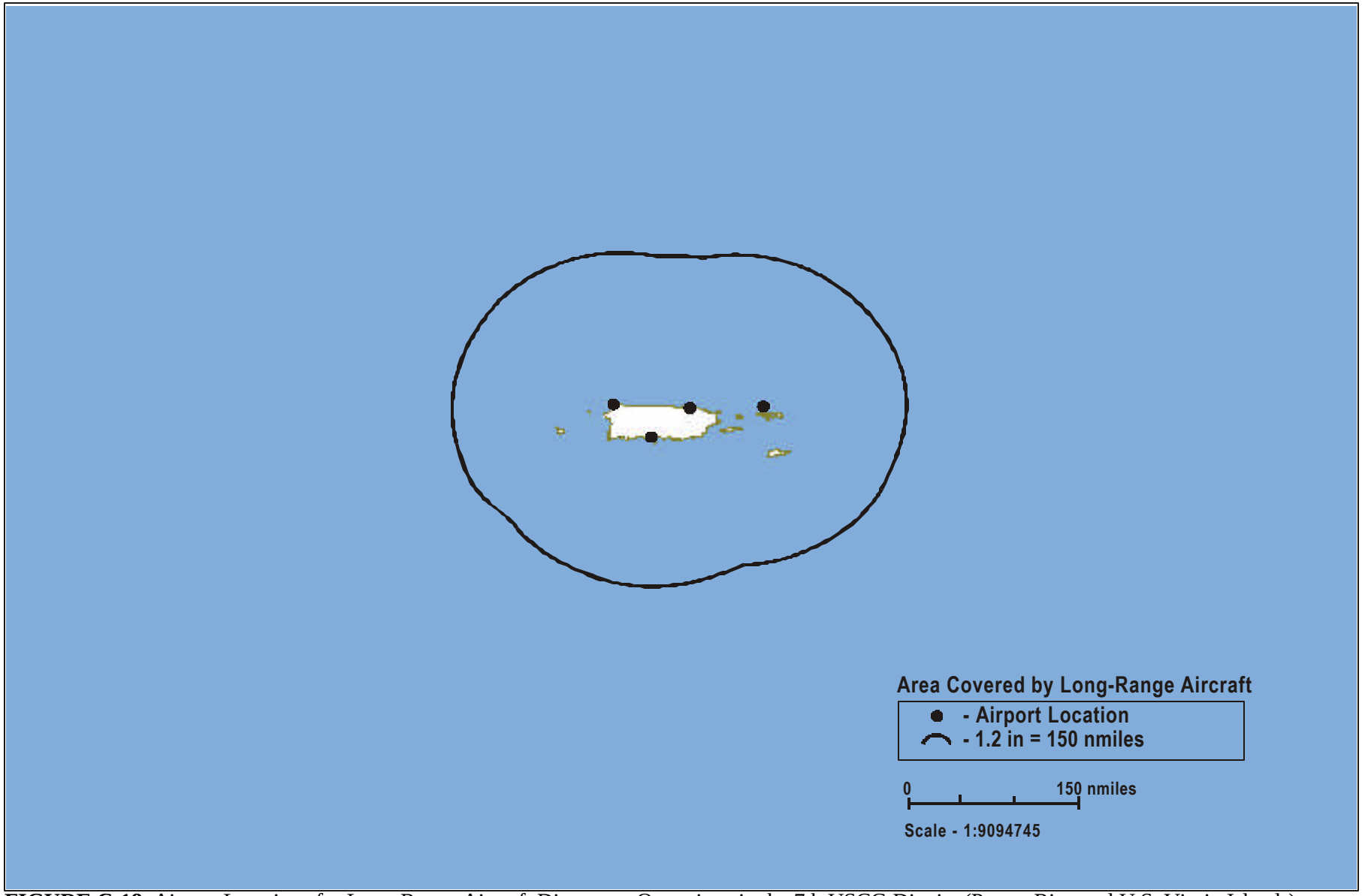


**FIGURE C-18.** Airport Locations for Long-Range Aircraft Dispersant Operations in the 7th USCG District (Puerto Rico and U.S. Virgin Islands).

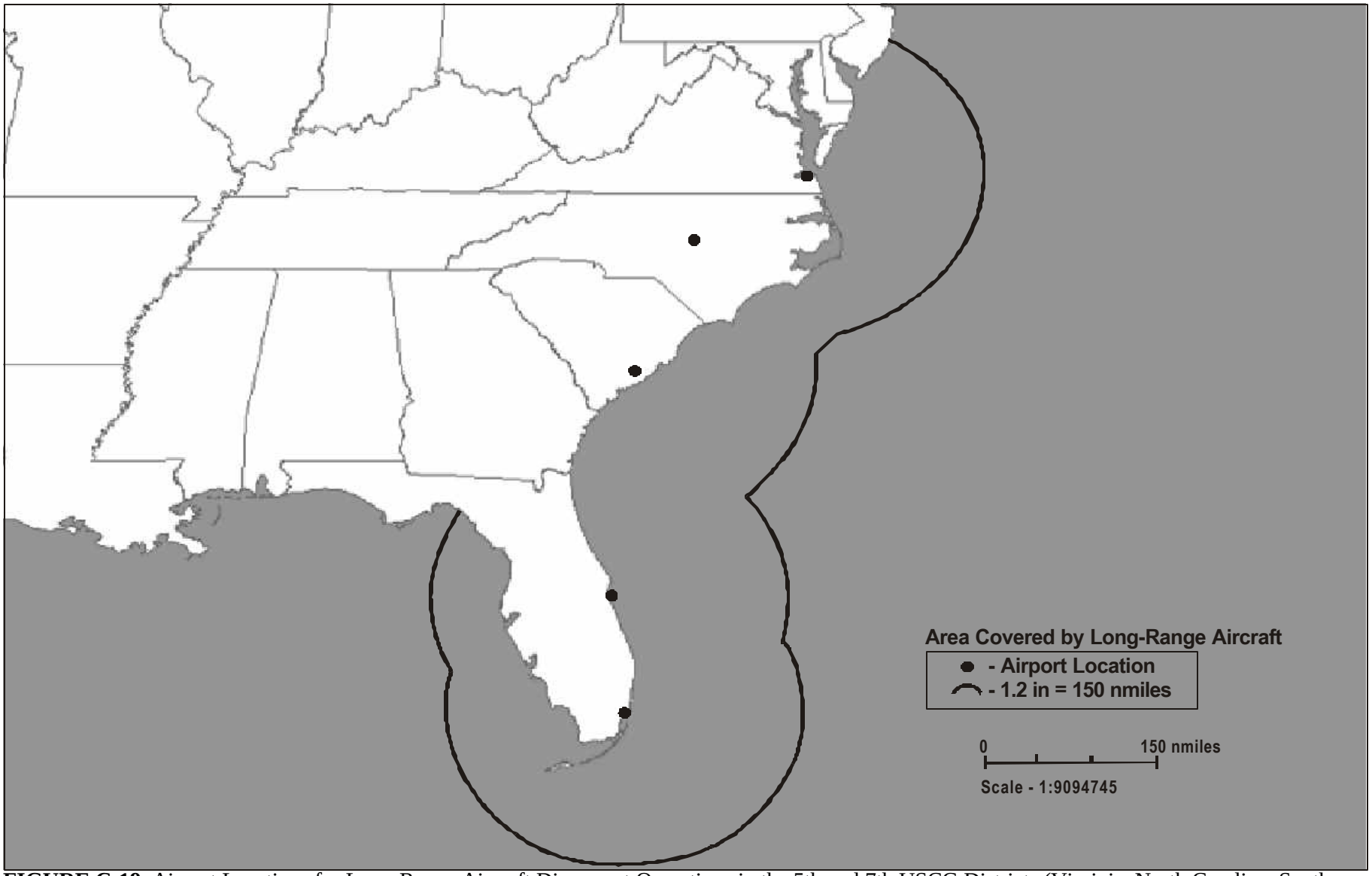


**FIGURE C-19.** Airport Locations for Long-Range Aircraft Dispersant Operations in the 5th and 7th USCG Districts (Virginia, North Carolina, South Carolina, and Florida).

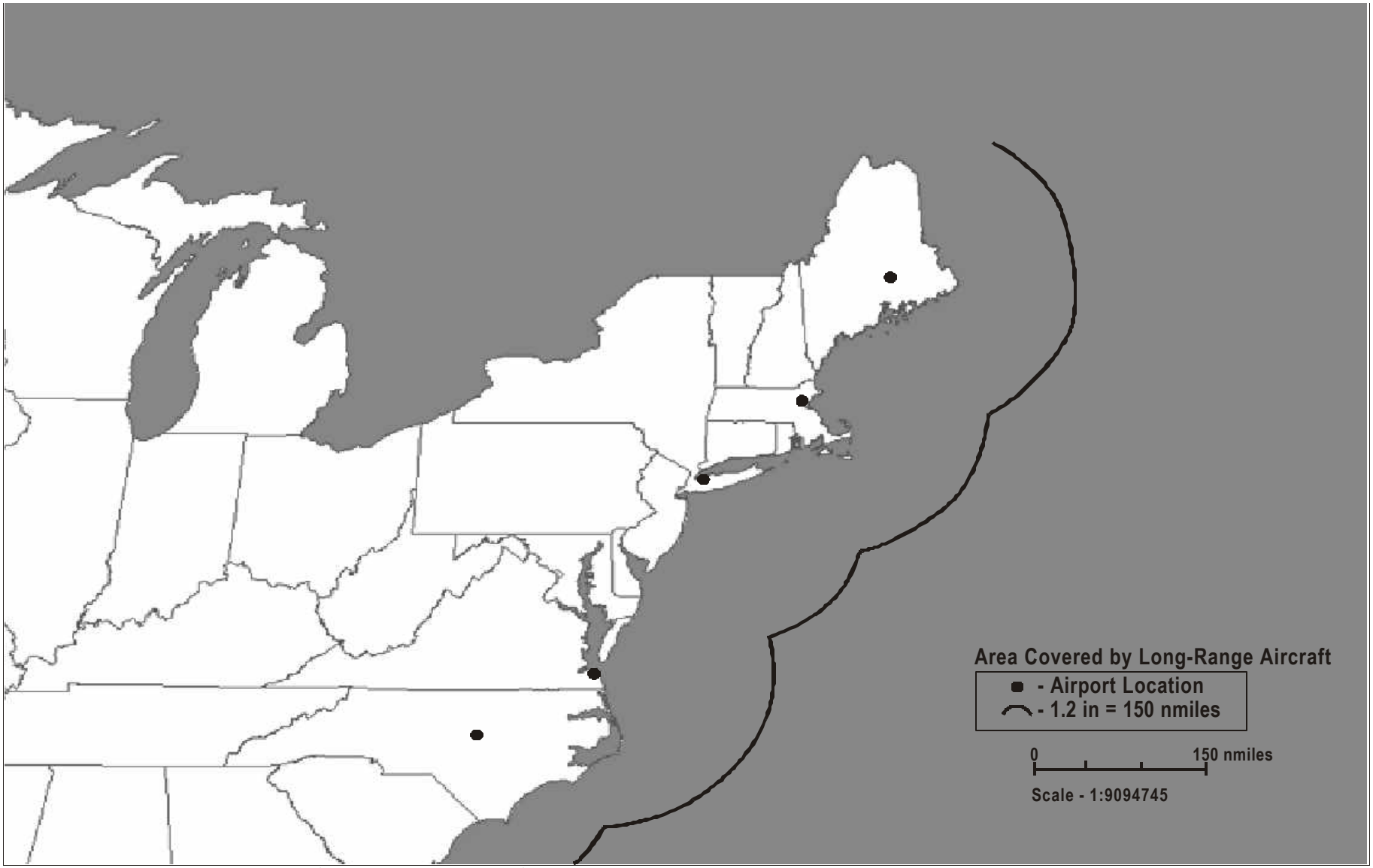


**FIGURE C-20.** Airport Locations for Long-Range Aircraft Dispersant Operations in the 1st and 5th USCG Districts (Maine, Massachusetts, New York, and Virginia).

**TABLE C-2.** Runway Specifications for Long-Range Aircraft.

| LOCATION | AIRPORT NAME | LATITUDE | LONGITUDE | RUNWAY LENGTH (FT) | SURFACE, CONDITION |
|---|---|---|---|---|---|
| **ALASKA** | | | | | |
| Deadhorse | Deadhorse Airport | 70.1947N | 148.4651W | 6,500 × 150 | Asphalt, good |
| Barrow | Wiley Post-Will Rogers Memorial | 71.285N | 156.766W | 6,500 × 150 | Asphalt, fair |
| Point Hope | Point Hope Airport | 68.349N | 166.799W | 4,000 × 75 | Asphalt, good |
| Shishmaref | Shishmaref/New Airport | 66.250N | 166.090W | 5,000 × 70 | Asphalt, good |
| Gambell | Gambell Airport | 63.766N | 171.732W | 4,500 × 100 | Asphalt, fair |
| Hopper Bay | Hopper Bay Airport | 61.524N | 166.147W | 3,300 × 75 | Asphalt, good |
| Platinum | Platinum Airport | 59.020N | 161.823W | 3,640 × 60 | Gravel, fair |
| Pilot Point | Ugashik Bay | 57.425N | 157.7398W | 5,280 × 125 | Gravel, good |
| Cold Bay | Cold Bay Airport | 55.206N | 162.724W | 10,420 × 150 | Asphalt/grooved, good |
| Kodiak | Kodiak Airport | 57.7499N | 152.494W | 7,562 × 150 | Asphalt/grooved, good |
| Yakataga | Yakataga Airport | 60.082N | 142.493W | 4,350 × 75 | Gravel, fair |
| Yakutat | Yakutat Airport | 59.5033N | 139.6602W | 7,748 × 150 | Asphalt/grooved, good |
| Sitka | Sitka Rocky Gutierrez Airport | 57.047N | 135.362W | 6,500 × 150 | Asphalt/grooved, good |
| Ketchikan | Ketchikan International Airport | 55.356N | 131.714W | 7,497 × 150 | Asphalt/grooved, good |
| **WASHINGTON** | | | | | |
| Seattle | Boeing Field/King County International | 47.2599N | 122.301W | 10,001 × 200 | Asphalt/grooved, good |
| **OREGON** | | | | | |
| Portland | Portland International Airport | 45.588N | 122.597W | 11,000 × 150 | Asphalt/grooved |
| Eugene | Mahlon Sweet Field | 44.123N | 123.218W | 8,009 × 150 | Asphalt/grooved, good |
| Klamath Falls | Klamath Falls | 42.156N | 121.733W | 10,301 × 150 | Asphalt/concrete, good |
| **CALIFORNIA** | | | | | |
| Arcata/Eureka | Arcata Airport | 40.978N | 124.108W | 5,998 × 150 | Asphalt/grooved, good |
| San Francisco | San Francisco International | 37.619N | 122.374W | 11,870 × 200 | Asphalt/grooved, good |
| Santa Maria | Santa Maria Public/Capt. G. Allen Hancock Field | 34.899N | 120.457W | 6,300 × 150 | Asphalt/grooved, good |
| Los Angeles | Los Angeles International | 33.942N | 118.408W | 12,091 × 150 | Concrete/grooved, good |
| San Diego | San Diego International Lindbergh Field | 32.734N | 117.190W | 9,400 × 200 | Concrete/asphalt/grooved, good |
| **HAWAII** | | | | | |
| Lihue | Lihue Airport | 21.976N | 159.339W | 6,500 × 150 | Asphalt/grooved, good |
| Honolulu | Honolulu International | 21.319N | 157.922W | 6,952 × 150 | Asphalt, good |
| Hilo | Hilo International Airport | 19.720N | 155.048W | 5,600 × 150 | Asphalt, good |
| Kailua/Kona | Kona International at Keahole | 19.739N | 156.046W | 11,000 × 150 | Asphalt/grooved, good |

*Continued*

**TABLE C-2.** Runway Specifications for Long-Range Aircraft (*Continued*).

| LOCATION | AIRPORT NAME | LATITUDE | LONGITUDE | RUNWAY LENGTH (FT) | SURFACE, CONDITION |
|---|---|---|---|---|---|
| **TEXAS** | | | | | |
| Corpus Christi | Corpus Christi International Airport | 27.770N | 97.501W | 7,508 × 150 | Asphalt/grooved, good |
| Houston | Sugar Land Muni/Hull Field | 29.622N | 95.656W | 8,000 × 100 | Concrete, good |
| **LOUISIANA** | | | | | |
| New Orleans | New Orleans International | 29.993N | 90.258W | 10,080 × 150 | Asphalt/concrete/grooved, good |
| **FLORDIA** | | | | | |
| Panama City | Panama City-Bay County International | 30.212N | 85.683W | 6,308 × 150 | Asphalt/grooved, good |
| Tampa | Tampa International | 27.975N | 82.533W | 11,002 × 150 | Concrete/grooved, good |
| Miami | Miami International | 25.793N | 80.290W | 10,502 × 200 | Asphalt/grooved, good |
| Melbourne | Melbourne International | 28.103N | 80.646W | 9,483 × 150 | Asphalt, good |
| **PUERTO RICO** | | | | | |
| San Juan | Luis Munoz Marin International | 18.439N | 66.002W | 10,002 × 200 | Asphalt/grooved, good |
| Ponce | Mercedita Airport | 18.008N | 66.563W | 6,904 × 150 | Asphalt/concrete, good |
| **U.S. VIRGIN ISLANDS** | | | | | |
| Charlotte Amalie | Cyril E. King | 18.495N | 64.973W | 7,000 × 150 | Asphalt/grooved, good |
| **SOUTH CAROLINA** | | | | | |
| Charleston | Charleston AFB International | 32.899N | 80.041W | 9,001 × 200 | Concrete |
| **NORTH CAROLINA** | | | | | |
| Raleigh | Raleigh-Durham International | 35.878N | 78.787W | 7,500 × 150 | Asphalt/grooved, good |
| **VIRGINIA** | | | | | |
| Norfolk | Norfolk International | 36.895N | 76.201W | 9,001 × 150 | Asphalt/concrete/grooved, good |
| **NEW YORK** | | | | | |
| New York | JFK | 40.640N | 73.779W | 11,351 × 150 | Asphalt/concrete/grooved, good |
| **MASSACHUSETTS** | | | | | |
| Boston | General Edward Lawrence Logan International | 42.364N | 71.005W | 7,860 × 150 | Asphalt/grooved, good |
| **MAINE** | | | | | |
| Bangor | Bangor International | 44.807N | 68.828W | 11,441 × 300 | Concrete/grooved, good |

Source: Adapted from AirNav created by Paulo Santos (*www.airnav.com*).

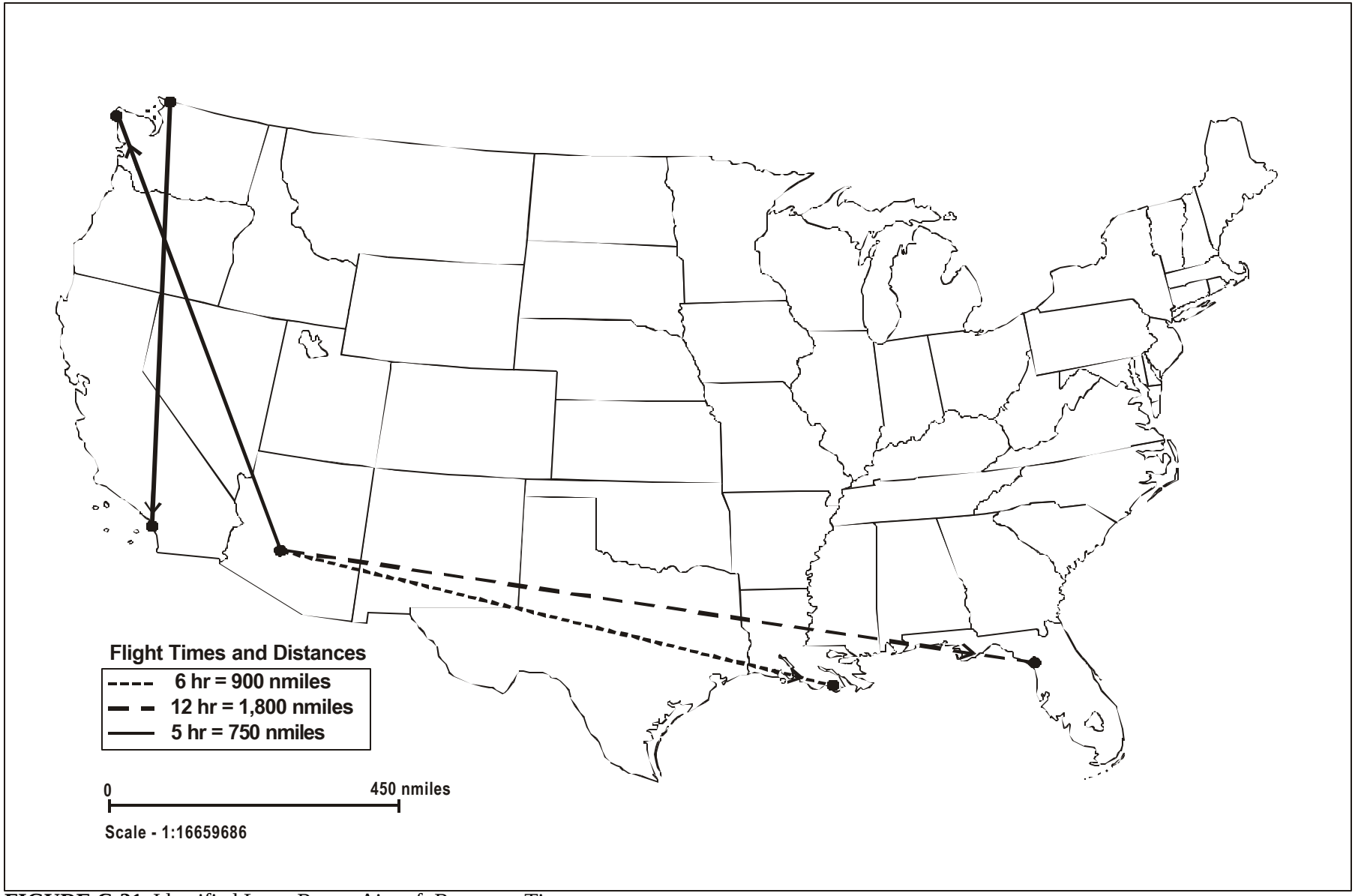


**FIGURE C-21.** Identified Long-Range Aircraft Response Times.

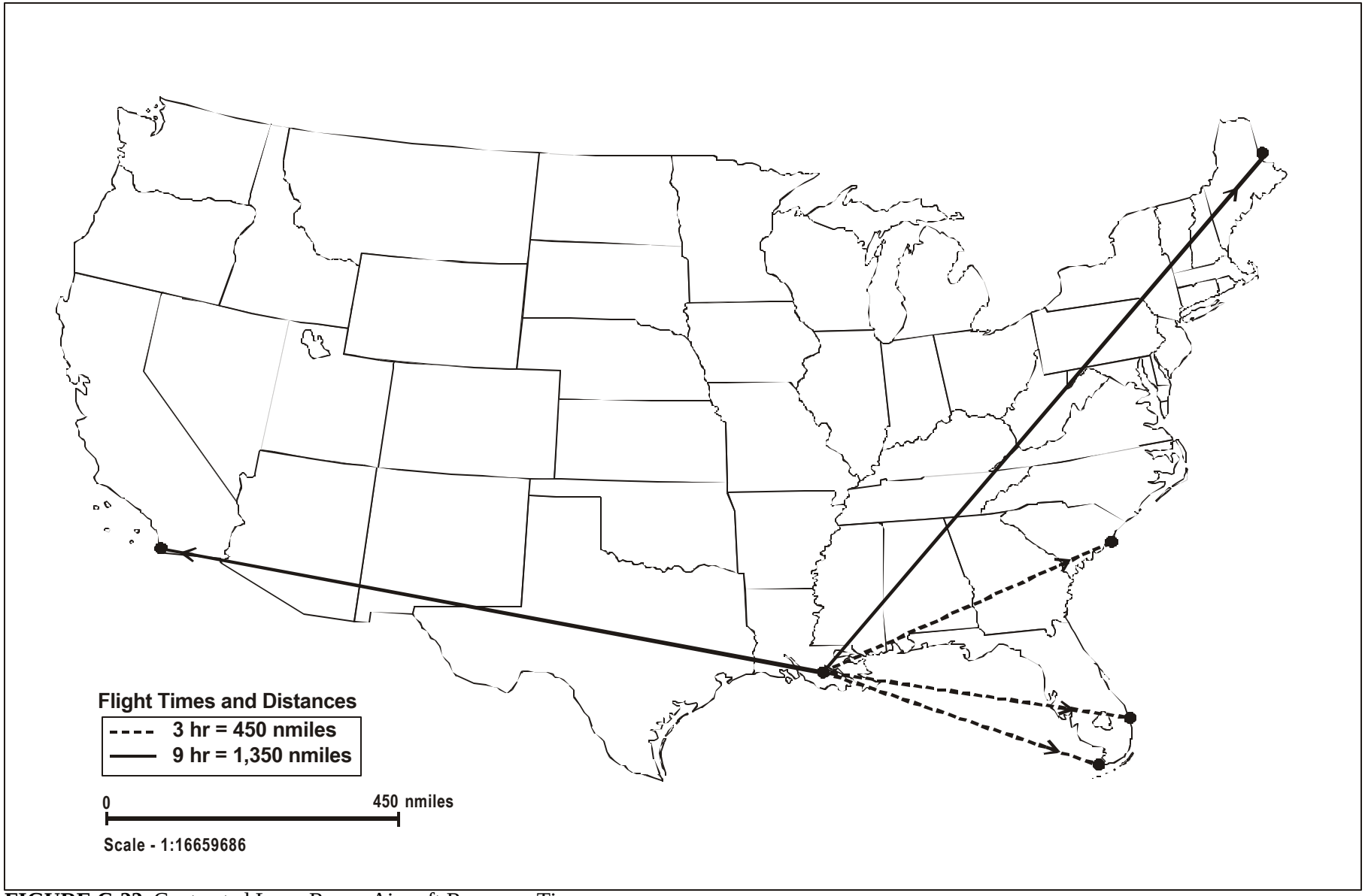


**FIGURE C-22.** Contracted Long-Range Aircraft Response Times.

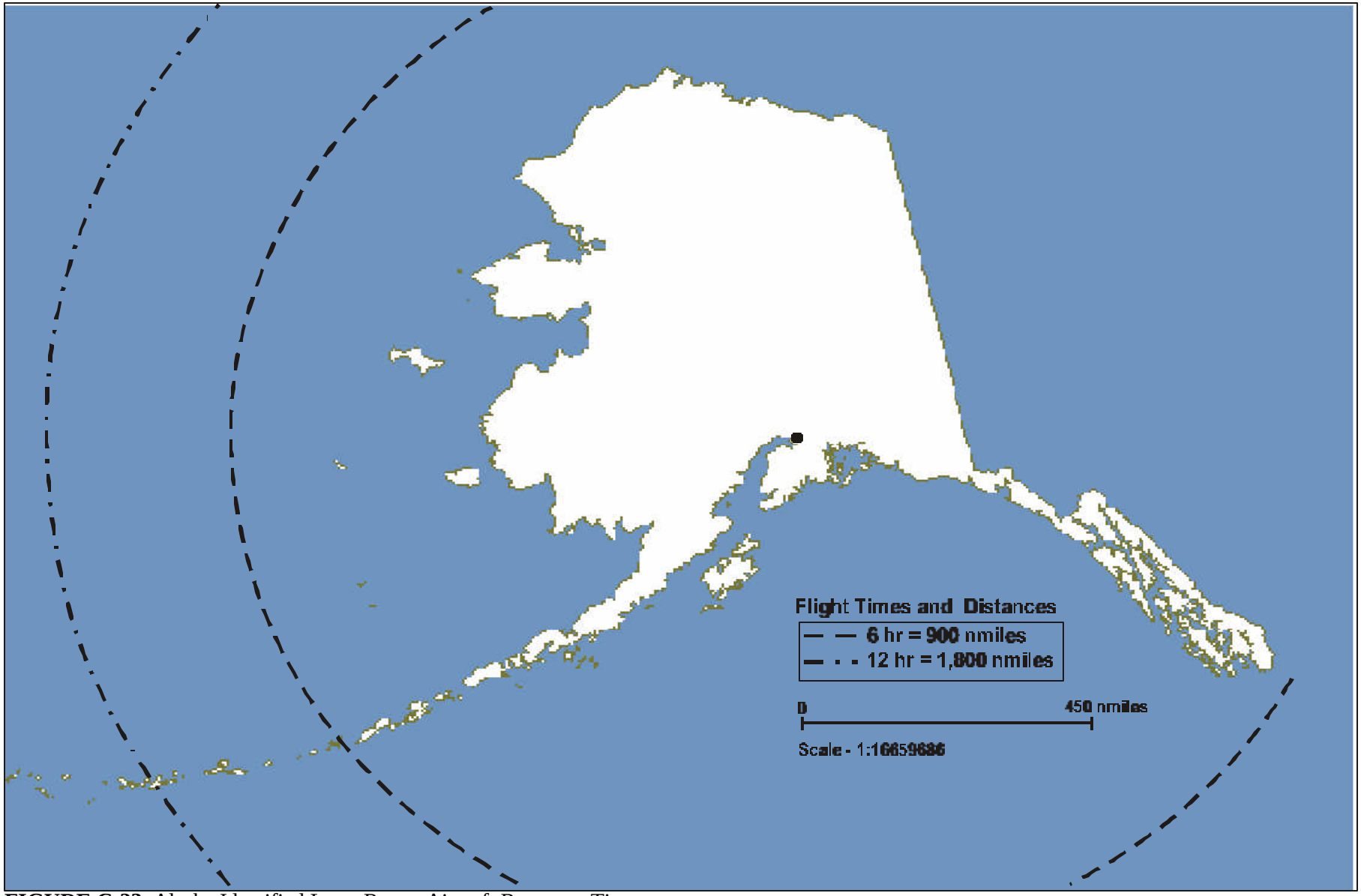


**FIGURE C-23.** Alaska Identified Long-Range Aircraft Response Times.

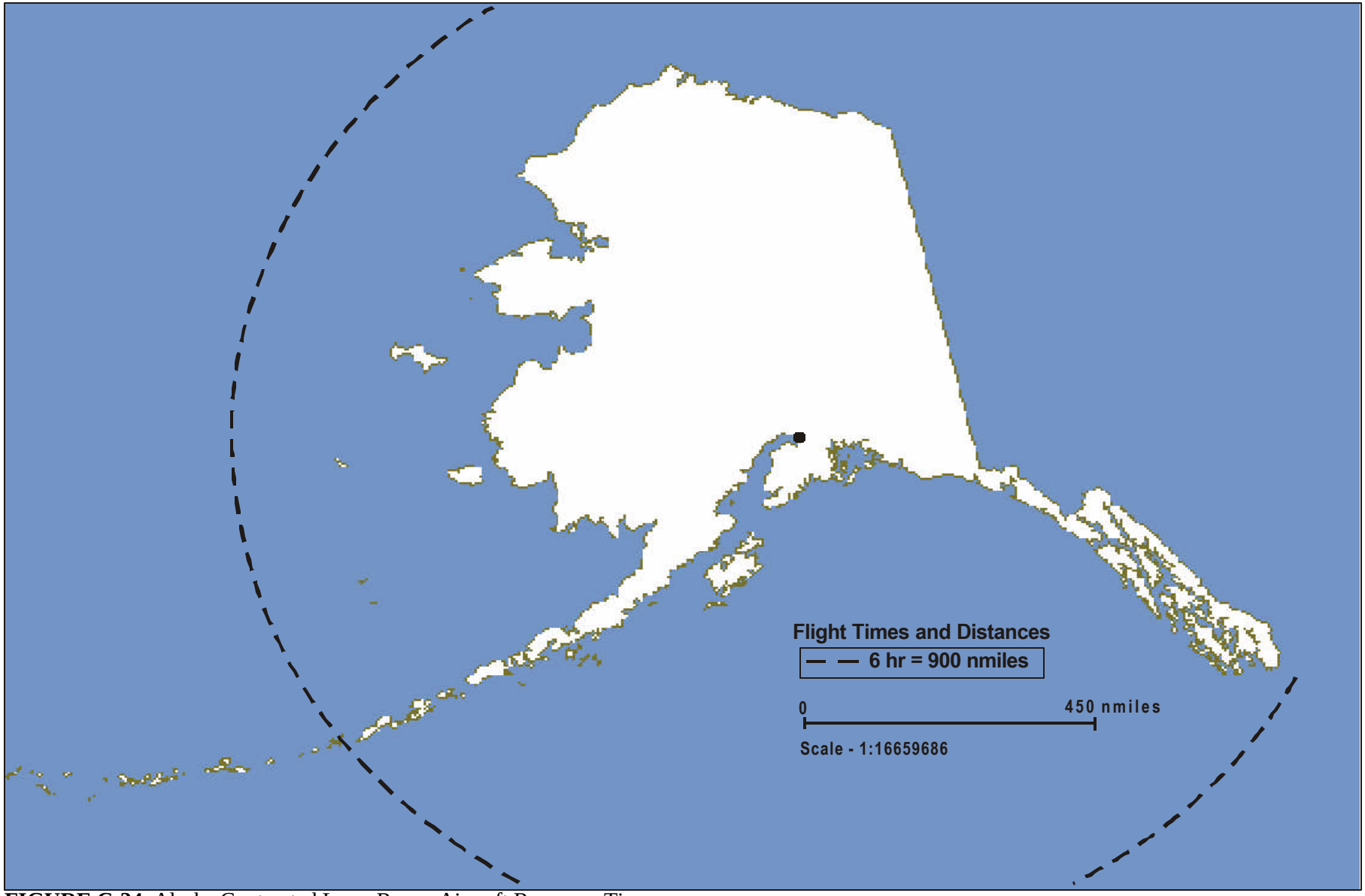


**FIGURE C-24.** Alaska Contracted Long-Range Aircraft Response Times.