

**MILTECH SIMULATIONS**  
**AMPHIBIOUS READY GROUP**  
**MANUAL**

**MICROSOFT FLIGHT SIMULATOR**  
**VERSION 1.0.0**

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**CHANGELOG****1.0.0 – Initial Release**

**AMPHIBIOUS READY GROUP****1. INTRODUCTION****I. Introduction**

Thank you very much for purchasing Miltech Simulations – Amphibious Ready Group.

An Amphibious Ready Group of the United States Navy consists of a naval element - group of Warships, and a landing force – fleet of aircraft. Together, these elements and supporting units are trained, organized and equipped to perform amphibious operations, such as offensive coastal landings, but have been used in the past for humanitarian, MedVac and transport missions.

Amphibious Ready Groups consist of one Landing Helicopter Assault (LHA), a Landing Platform Dock (LPD) and supporting vessels, such as LSDs and Frigates. These typically carry MV-22B Ospreys, F-35Bs, AV8Bs and attack/transport helicopters.

Worldwide, there are normally at least three ARGs deployed at all times, typically one in the Mediterranean Sea, and two in the Western Pacific. Under a slightly different configuration, which may include cruisers, destroyers and submarines, the Amphibious Ready Group then becomes an Expeditionary Strike Group.

We hope you enjoy the product,

Miltech Simulations.

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**AMPHIBIOUS READY GROUP****2. CREDITS**

- 3D Modeling, Animations & Texturing: Miltech Simulations
- Documentation: Miltech Simulations
- Distribution: Miltech Simulations, ORBX, Microsoft
- Marketing: Miltech Simulations, ORBX
- Testing: Miltech Simulations, ORBX
- Video: AviationLads

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[hello@vantech.dev](mailto:hello@vantech.dev)

**4. SUPPORT**

All support for this product will be handled initially by Miltech Simulations. Currently, our support is offered via email in a 1-to-1 manner, through our Email Address:

[miltechsimulations@gmail.com](mailto:miltechsimulations@gmail.com)

Emails are typically replied to in under 24hrs. Before sending an email, please visit our FAQs Support page, at [www.miltechsim.com/support](http://www.miltechsim.com/support), as your question may be a common one.

For company/business inquiries, please contact [hello@vantech.dev](mailto:hello@vantech.dev)

**AMPHIBIOUS READY GROUP****5. PLACEMENT OF CUSTOM LOCATIONS**

We will place the carriers at any location you chose for no additional cost. Email us at [miltechsimulations@gmail.com](mailto:miltechsimulations@gmail.com) the coordinates, proof of purchase and ship (or ships) you want placed and we will process the new location for you within a few days. This service is exclusive to PC Customers.

**6. INSTALLATION & REMOVAL****I. Requirements**

Microsoft Flight Simulator – PC. Latest version available.

A valid product license from ORBX or the MS Marketplace

Joystick Controller (Recommended)

CPU: Quad-core processor or better.

GPU: At least 6GB of dedicated memory, Nvidia 1060 or better.

RAM: 8GB Minimum.

Hard Disk: At least 4GB Recommended.

**II. Installation from ORBX**

1. Open ORBX Central with Administrator Rights
2. Verify ORBX Central has located your MSFS Community Folder Path
3. Search the product
4. Hit “Install” and wait for the product to install successfully
5. Close ORBX and launch Microsoft Flight Simulator

The product will be installed on your: (User)\AppData\Roaming\Microsoft Flight Simulator\Packages\Community\miltech-amphibious-ready-group

**III. Installation from the MS Marketplace**

1. Launch Microsoft Flight Simulator
2. Open the Marketplace
3. Search the product
4. Hit “Install” and wait for the product to install successfully

The product will be installed on your: (User)\AppData\Roaming\Microsoft Flight Simulator\Packages\Community\miltech-amphibious-ready-group

**IV. Removal**

The product can be removed from ORBX Central or the MS Marketplace, by clicking on the uninstall button.

**AMPHIBIOUS READY GROUP****7. IMPORTANT REMARKS**

1. Crash detection must be OFF for the product to function correctly.
2. All USS America (LHA-6) Locations have two starting positions:
  - a. Runway ("North"), which spawns the aircraft in Ready to Fly configuration
  - b. Parking Position ("Gate 0") which spawns the aircraft in Cold and Dark configuration
3. This product is fully compatible with out USS George Bush carrier.

**8. FEATURES TO BE ADDED IN V1.1**

1. Missions and Bushtrips will be progressively added to the product, starting with the following on V1.1:
  - Bush Trip: Operation Unified Response – Medical Evacuations
  - Bush Trip: Carrier Onboard Delivery
  - Bush Trip: Submarine Delivery
  - Bush Trip: Nighttime Training Exercise
2. Wasp and/or Tarawa-class Ships to be added in V1.1
3. Moving Ships (LHA, LPD, Submarines) to be added in V1.1

**9. LOCATIONS**

1. **San Diego**
  - I. USS America:
    - i. **ICAO: AG01**
    - ii. UNICOM: 121.000 MHz
    - iii. 32.638095, -117.231528
  - II. USS Lewis B. Puller: 33.046695, -118.469074
  - III. USS Virginia: 32.913159, -117.873206
  - IV. USS San Antonio: 32.717138, -117.211555
  - V. USNS Mercy: 32.422203, -117.751003
2. **Sasebo**
  - I. USS America:
    - i. **ICAO: AG02**
    - ii. UNICOM: 121.000 MHz
    - iii. 33.099980, 129.574931
  - II. USS Lewis B. Puller: 33.345680, 129.170332
  - III. USS San Antonio: 32.270314, 128.791341

**AMPHIBIOUS READY GROUP****3. Gulf of Aden**

- I. USS America:
  - i. **ICAO: AG03**
  - ii. UNICOM: 121.000 MHz
  - iii. 11.778744, 43.867211
- II. USS Lewis B. Puller: 11.272459, 45.705722
- III. USS Virginia: 12.351698, 48.025892
- IV. USS San Antonio: 12.284025, 44.648511

**4. Persian Gulf**

- I. USS America:
  - i. **ICAO: AG04**
  - ii. UNICOM: 121.000 MHz
  - iii. 29.293715, 49.033379
- II. USS Lewis B. Puller: 29.771679, 49.288674
- III. USS San Antonio: 29.290091, 48.314611

**5. Key West**

- I. USS America:
  - i. **ICAO: AG05**
  - ii. UNICOM: 121.000 MHz
  - iii. 24.587350, -81.840306
- II. USS Lewis B. Puller: 24.830004, -81.544598
- III. USS San Antonio: 24.516857, -82.145109

**6. Okinawa**

- I. USS America:
  - i. **ICAO: AG06**
  - ii. UNICOM: 121.000 MHz
  - iii. 26.412789, 127.554155
- II. USS Lewis B. Puller: 26.964064, 128.104893
- III. USS San Antonio: 26.335841, 128.983246

**7. Caribbean Sea**

- I. USS America:
  - i. **ICAO: AG07**
  - ii. UNICOM: 121.000 MHz
  - iii. 19.613843, -74.630220
- II. USS Lewis B. Puller: 20.484994, -73.984957
- III. USS San Antonio: 18.704198, -73.334359
- IV. USNS Mercy: 18.645940, -72.481120

**8. New River**

- I. USS America:
  - i. **ICAO: AG08**
  - ii. UNICOM: 121.000 MHz

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- iii. 34.341308, -76.781946
- II. USS Lewis B. Puller: 33.726190, -78.078911
- III. USS San Antonio: 35.261517, -75.478143

**9. South Mediterranean**

- I. USS America:
  - i. **ICAO: AG09**
  - ii. UNICOM: 121.000 MHz
  - iii. 34.818969, 13.884638
- II. USS Lewis B. Puller: 33.711944, 15.529460
- III. USS San Antonio: 35.831887, 14.646449
- IV. USS Virginia: 34.474493, 16.700457

**10. Philippines**

- I. USS America:
  - i. **ICAO: AG10**
  - ii. UNICOM: 121.000 MHz
  - iii. 14.259272, 119.875244
- II. USS Lewis B. Puller: 13.570703, 120.944753
- III. USS San Antonio: 16.987575, 119.502824

**11. Pascagoula**

- I. USS America:
  - i. **ICAO: AG11**
  - ii. UNICOM: 121.000 MHz
  - iii. 29.778892, -88.272731
- II. USS Lewis B. Puller: 29.768150, -88.280864
- III. USS San Antonio: 29.790483, -88.280865
- IV. USS Virginia: 29.778886, -88.288433

**12. Portsmouth**

- I. USS America:
  - i. **ICAO: AG12**
  - ii. UNICOM: 121.000 MHz
  - iii. 50.621175, -0.865578
- II. USS Lewis B. Puller: 50.803725, -1.116346
- III. USS San Antonio: 50.669709, 0.990572

**13. Greece**

- I. USS America:
  - i. **ICAO: AG13**
  - ii. UNICOM: 121.000 MHz
  - iii. 38.820755, 25.211002
- II. USS Lewis B. Puller: 38.810369, 25.225531
- III. USS San Antonio: 38.811596, 25.195151
- IV. USS Virginia: 38.809134, 25.211015



**AMPHIBIOUS READY GROUP****14. Gulf of Bengal**

- I. USS America:
  - i. **ICAO: AG14**
  - ii. UNICOM: 121.000 MHz
  - iii. 20.651830, 89.525026
- II. USS San Antonio: 21.093226, 88.168841
- III. USNS Mercy: 21.421141, 90.935971

**15. Hawaii**

- I. USS America:
  - i. **ICAO: AG15**
  - ii. UNICOM: 121.000 MHz
  - iii. 21.577967, -157.759192
- II. USS San Antonio: 21.442140, -157.712123
- III. USNS Mercy: 21.193892, -158.108737
- IV. USS Lewis B. Puller: 21.606488, -158.309692
- V. USS Virginia: 21.348550, -157.969427

**16. Gibraltar Strait**

- I. USS America:
  - i. **ICAO: AG16**
  - ii. UNICOM: 121.000 MHz
  - iii. 35.925744, -5.686327
- II. USS San Antonio: 36.594263, -6.326884
- III. USS Lewis B. Puller: 36.424905, -6.346012

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