Aircraft Mission Visitors Guide
Wallops Flight Facility Location

NASA Wallops Flight Facility
Wallops Island, VA 23337
Phone: 757-824-1000 (base operator)

Located off of Rt. 175, Chincoteague Rd.
Driving Directions

From Philadelphia, Pennsylvania, and points north: Travel south on I-95 to I-495 S; follow I-495 to I-95 S, follow I-95 to Christiana Mall exit (DE-1) to Dover; follow DE-1 to US-13 S. Continue on US-13 S to Oak Hall, VA and follow the “From US-13” directions below.

From Richmond, Virginia, and points south: Travel east on I-64 to US-13 N (Chesapeake Bay Bridge-Tunnel-toll). Continue on US-13 N to Oak Hall, VA and follow the “From US-13” directions below.


From US-13
Follow Route 13 (Lankford Hwy) to the traffic light at VA-175. (From the North, this is about 4 miles south of the MD-VA border). Take VA-175 E towards Chincoteague for approximately 3 miles. At the traffic light, turn left onto Atlantic Road. Prior to the end of Atlantic Road (approximately 0.5 miles) you will see the Security Office on the right which is where you will obtain your visitor badge. After leaving the Security office, turn right onto Atlantic Road, then right at the end to the Main Gate.
Main Base vs. Wallops Island

♦ Wallops Flight Facility has two parts: “Main Base” and “Wallops Island”

♦ The Main Base is the center for most of the facility’s operations
  ➢ Located on Rt. 175, Chincoteague Rd.
  ➢ All experimenters will work here throughout their mission lifecycle
  ➢ Security badges can be picked up at the Security Office upon arrival

♦ Access to Wallops Island requires a special badge because it is the launch site for the facility’s sounding rockets and orbital launch vehicles
  ➢ There should be no reason for island access to be needed for aircraft work, but if required access can be given
Base Access Overview

♦ Visitor's badges are required for all visits and must be worn at all times
♦ The following information must be provided before arrival to receive an unescorted visitor’s badge:
  ➢ Full name as it appears on official photo id
  ➢ Citizenship
  ➢ Affiliation (company name, school name, etc.)
  ➢ Dates access is required
♦ Two business days notice is required for U.S. citizens to receive an unescorted visitor’s badge (business day/normal hour access). Longer stays or after-hour access (nights/weekends) require longer lead times.
♦ Minimum 30 day (depending on country) notice is required for foreign national citizens access
♦ Escort badges (U.S. citizens only) are available for one day visits and can be requested upon arrival at the main base. Individuals with escort badges must be escorted by a permanently badged employee at all times
♦ Government issued photo ID required to receive badge and enter base
♦ If visiting the facility for more than 30 days in one year then additional paperwork required
Facility Map

Wallops Flight Facility

- D-1 Hangar
- Gym
- Dorms
- Post Office
- Cafeteria & Gift Shop
- Fire Dept.
- Receiving
- Health Unit
- Visitor Badging & Security
- Main Gate
- NASA Federal Credit Union
- N-159 Hangar
Facility Information

♦ Fire & Ambulance Services: Dial 911 (Emergency Only)
  ➢ If using cell phone dial 757-824-1333
  ➢ Available 24 hours a day 7 days a week

♦ Security: x1111
  ➢ Available 24 hours a day 7 days a week

♦ Health Unit: x1766 (Building F-160)
  ➢ For immediate care dial 911
  ➢ Available 8AM-4:30PM, Monday – Friday only

♦ NASA Federal Credit Union: Bldg. N-133; Mon.-Thurs. 8:30AM-3:30PM; Fri. 8:30AM-5:00PM (ATM machine located outside)

♦ Cafeteria: Bldg. E-2; menu phone number: x2424
  ➢ 7AM to 9AM Breakfast
  ➢ 11AM to 1PM Lunch
  ➢ No Dinner

♦ Post Office: Bldg. E-7; 11AM-3:30PM; Monday – Friday only
P-3 Orion Aircraft

Former Navy anti-submarine and surveillance aircraft, extensively modified for use as an airborne science research platform.

- Built by Lockheed Martin
- Wing span – 99 feet 8 inches
- Length – 116 feet 10 inches
- Height – 34 feet 3 inches
- Four T56-A-14 turboprop engines
- Extensively modified for NASA science use
  - Two bomb bay ports
  - Nose radome port
  - Tailcone port
  - One 16” dia. zenith port
  - Three nadir ports
  - Ten wing pylon mounting locations
    - Four P-3 bubble and 3 DC-8 passenger windows
- 115V 60Hz and 400Hz power along with 28VDC
- Lavatory and galley on board
- Max. altitude: 30,000 feet
- Max. endurance time: 14 hours (~3,800 miles)
- Payload capacity: ~14,700 lbs
- Max. crew: 24 persons
C-23 Sherpa Aircraft

The NASA C-23s are former Army troop movement and logistics support aircraft, modified for use as airborne science research platforms, and can also be used to assist airborne science missions with cargo transport.

- Wing span – 74 feet 10 inches
- Length – 58 feet 0 inches
- Height – 16 feet 3 inches
- Two Pratt & Whitney PT6A-65AR Turboprop Engines rated at 1424 SHP each
- Lavatory available on board
- Max. altitude: 20,000 feet
- Airspeed: 190 KIAS
- Endurance: 3.5 to 7.5 hours (depends on payload and altitude)
- Minimum runway length: 4,000 feet
- Payload capacity: 7,280 lbs
- Passengers: 8-13 persons
Medical Screening

♦ NASA/GSFC/WFF requires that all individuals flying on the P-3 or C-23 be medically screened for flight
♦ A medical screening form can be provided to those individuals flying
♦ Return this form to:
  WFF Medical Clinic - Sheryle Pruitt
  Phone: 757-824-1766
  Fax: 757-824-1497
  Email: Sheryle.J.Pruitt@nasa.gov
♦ When returning the form, be sure to state that it is for the P-3 aircraft and include the mission name
Public Use Aircraft Flight Disclaimer

If you will be flying on any other public use aircraft, including the NASA P-3 or C-23, your health and/or life insurance may not cover you during the flight in the event of a mishap. Please check with insurance providers before flying aboard any public use aircraft. Official NASA disclaimer located in NASA Aircraft Operations Management Manual NPR 7900.3B Appendix B pages 96 and 97.
Five experimenter rooms available:

- W162A Conference room/office space (842 sq. ft)
- W161 Experimenter office/lounge space (568 sq. ft)
- W160 and W146 experimenter labs (742 sq. ft each)
- E119 conference room/office space (755 sq. ft)
- W146 contains bonded storage closet and hazmat cabinet
- Phone, fax, copier, printer and wireless internet available
- Refrigerator/microwave/coffee pot in W161
- Large screen TVs and white boards available
- Lab benches, tables, chairs available
Shipping and Phone Usage

♦ To receive shipments on base use the following address:

NASA Wallops Flight Facility
Attn: Freddie Bynum, Airtec
Bldg. N-159, Rm W-165
Wallops Island, VA 23337
Phone: 757-824-4610

Note: If non-NASA property is being shipped please indicate on package who property belongs to (institution/agency/company/etc.)

♦ To use the telephone on base:

- Internal base/island calls: dial last four digits of number (ex. 2424)
- Local calls: dial “9” then 7 digit number (local calls only begin with “824-xxxx”)
- Long distance calls: dial “9” then “1” then area code plus phone number
- Dial “55” to access base-wide PA system
Wireless Internet Access

♦ To connect to wireless internet on base:
  ➢ Launch the Client Manager for your Wireless Adapter
  ➢ Select the “Guest-CNE” SSID, then click Connect
  ➢ Launch your preferred web browser
  ➢ Enter the required information and agree to the Terms of Service
    ▪ Enter “WFF” for Organization
  ➢ If you experience any problems, please ask anyone in the Aircraft Office
Aircraft Contact Information

If you have any questions please contact the following individuals:

- **Shane Dover**  
  Aircraft Office Chief / Pilot  
  Phone: 757-824-1529  
  Fax: 757-824-2135  
  Email: Shane.Dover@nasa.gov

- **Mike Cropper**  
  Operations Engineer  
  Phone: 757-824-2140  
  Fax: 757-824-2135  
  Email: Michael.C.Cropper@nasa.gov

- **Martin Nowicki**  
  Airworthiness Engineer  
  Phone: 757-824-1754  
  Fax: 757-824-2135  
  Email: Martin.Nowicki@nasa.gov

- **Brian Yates**  
  Maintenance Lead  
  Phone: 757-824-1919  
  Fax: 757-824-1843  
  Email: Brian.A.Yates@nasa.gov

- **Freddie Bynum**  
  Material Control Coordinator  
  Phone: 757-824-4610  
  Fax: 757-824-1843  
  Email: Freddie.L.Bynum@nasa.gov

- **Rich Rogers**  
  Aircraft Office Assistant Chief / Pilot  
  Phone: 757-824-1403  
  Fax: 757-824-2135  
  Email: Rich.Rogers@nasa.gov

- **Mark Russell**  
  Aviation Safety Officer / Pilot  
  Phone: 757-824-1532  
  Fax: 757-824-2135  
  Email: Mark.S.Russell@nasa.gov

- **Alan Barringer**  
  Airworthiness Manager / Pilot  
  Phone: 757-824-2419  
  Fax: 757-824-2135  
  Email: Alan.L.Barringer@nasa.gov
Local Information
Local Food and Services

♦ **Just outside the main gate:** (<1/4 mi. from main gate, walking distance)
  - Royal Farms gas station and convenience store
  - Ocean Deli gas station and convenience store
  - Corner Mart gas station and convenience store

♦ **Oak Hall, VA:** (3 miles west of main gate on Rt. 13)
  - Several eating places (Subway, Pizza Hut, Sonic Drive In, etc.)
  - Grocery Store: Food Lion
  - Gas Station: Corner Mart and T’s Corner

♦ **Chincoteague, VA:** (5 miles east of main gate on Rt. 175)
  - Various local restaurants and stores including McDonald’s
  - http://www.chincoteague.com/

♦ **Pocomoke, MD:** (10 miles north of main gate on Rt. 13)
  - Various local restaurants and fast food (Arby’s, Hardee’s, McDonald’s, Friendly’s, KFC, Ruby Tuesday, etc.)
  - Wal-Mart
  - Lowe’s
  - Radio Shack
  - http://www.pocomoke.com/

♦ **Salisbury, MD:** (30 miles north of main gate on Rt. 13)
  - Nearest city with standard city services
  - http://www.salisburymd.com/
Local Business Locations

Note: Map key on next slide
♦ A - Ocean Deli: sandwich shop and convenience store
♦ B - Royal Farms: gas station and convenience store
♦ C - Corner Mart: gas station and convenience store
♦ D - Ray’s Shanty: local seafood restaurant
♦ E - Pizza Hut
♦ F - T’s Corner: gas station and convenience store
♦ G - Food Lion
♦ H - Sonic’s Drive In
♦ I - Corner Mart: Gas station and convenience store
♦ J - Subway
♦ K - NASA Wallops Flight Facility Visitor Center and gift shop

Chincoteague Island, VA
Local Hotels and Phone Numbers

♦ Chincoteague Island, VA (7 miles east of Main Base on Rt. 175)
  ➢ Comfort Suites: 757-336-7500
  ➢ Hampton Inn and Suites: 757-336-1616
  ➢ Best Western: 757-336-6557
  ➢ Waterside Inn: 877-870-3434
  ➢ The Blue Heron Inn: 800-615-6343

♦ Pocomoke, MD (10 miles north of Main Base on Rt. 13)
  ➢ Holiday Inn Express: 888-400-9714
  ➢ Days Inn: 410-957-3000
  ➢ Quality Inn: 410-957-1300

♦ Onley, VA (25 miles south of Main Base on Rt. 13)
  ➢ Comfort Inn: 757-787-7787
Local Attractions

♦ Eastern Shore Attractions
  - http://www.esvachamber.org/
  - http://www.esvatourism.org/home.asp
  - http://www.virginiaeasternshoreportal.com/

♦ Wallops Island
  - 8 miles south of Main Base (~ 10 minute drive)
  - Recreational beaches open to everyone (special island badge not needed)
  - Mon.- Fri. 4:30PM to dusk and dawn to dusk on Saturday and Sundays (if no scheduled launch activity )

♦ Chincoteague Island
  - 7 miles east Of Main Base (~15 minute drive)
  - Chincoteague Fireman’s Carnival (every weekend and last full week in July; fireworks on July 4th)
  - Chincoteague Pony Swim and Auction (last Wednesday and Thursday in July)
  - Connects to Assateague Island National Seashore: http://www.nps.gov/asis/
  - http://www.chincoteague.com/

♦ Salisbury, Maryland
  - 30 miles north of Main Base (~45 minute drive)
  - Plenty of shopping (including a mall) and restaurants
  - Regal movie theatres
  - http://www.salisburymd.com/
Nearby Attractions/ Weekend Trips

♦ Ocean City, Maryland
  - 60 miles north of Main Base (~1 hour drive)
  - Beach, boardwalk with rides, shops, and restaurants
  - LOTS of options for beaches and beach activities
  - http://www.ocean-city.com/

♦ Hampton Roads Area of Virginia
  - 90 miles south of Main Base (~2 hour drive)
  - Museums, clubs, beaches, historical sites, amusement parks
    - Suggested sites:
      - Virginia Air and Space Center, Hampton, VA
      - Nauticus, Norfolk, VA
      - Virginia Beach oceanfront
      - Colonial Williamsburg, Yorktown Battlefield, Jamestown Colony
  - http://hamptonroads.com/visitors

♦ Washington D.C.
  - 155 miles northwest of Main Base (~ 3.5 hour drive)
  - Historical sites, museums, clubs, outdoor activities, amusement parks, and all other manner of activities associated with a heavily urban area
    - Suggested sites:
      - National Mall (Washington Monument, White House, War Memorials, Lincoln Memorial, etc.)
      - Smithsonian Museums - free and VERY good (Air and Space, Natural History, etc.)
  - http://www.washington.org