

Copy ✓

ATLAS MISSILES AT PLATTSBURGH

1. What are the locations of Atlas Missile Silos in Clinton, Essex and Franklin Counties? How many silos in each location?

	Date Accepted
Site #1: Champlain, N.Y. (Clinton County).	30 Nov 62
Site #2: Alburg, Vermont.	25 Oct 62
Site #3: Swanton, Vermont.	20 Oct 62
Site #4: Willsboro, N.Y., (Essex County).	9 Dec 62
Site #5: Lewis, N.Y. (Essex County).	28 Nov 62
Site #6: AuSable Forks, N.Y., (Clinton County)	6 Dec 62
Site #7: Riverview, N.Y., (Clinton County).	29 Nov 62
Site #8: Redford, N.Y., (Clinton County).	5 Dec 62
Site #9: Dannemore, N.Y., (Clinton County).	1 Dec 62
Site #10: Brainardsville, N.Y. (Clinton County).	9 Dec 62
Site #11: Ellenburg, N.Y. (Clinton County).	4 Oct 62
Site #12: Moores, N.Y., (Clinton County).	6 Dec 62

NOTE: There was one silo per site, capable to launch only one missile.

2. Which silos actually were equipped with missiles? What were the range and payload of these missiles?

The 565th Strategic Missile Squadron of the 380th Strategic Aerospace Wing was equipped with thirteen Atlas F Missiles. This allowed each silo to possess one Atlas Missile with one additional missile to be used as a spare. When one missile in an existing silo was scheduled for maintenance the extra missile, maintained at PAFB, was sent to replace it. This allowed the 380th to maintain 12 ready to launch missiles seven days a week. This wing was the last unit to receive the Atlas Missile, and the only base east of the Mississippi River to possess Intercontinental Ballistic Missiles (ICBMs).

Range: Designed to reach 6,325 statute miles.

Payload: Designed to carry a nuclear warhead.

3. What were the dimensions of the silos and what other living areas did they include?

Silo Diameter: 52 Feet.
 Silo Depth: 174 Feet.
 Concrete: 3,200 cubic yards, per silo.
 Steel: 600 Tons, per silo.
 Missile Diameter: Not Available. 10'
 Missile Length: 80 Foot.
 Missile Take-off Thrust approximately 360,000 pounds.
 Missile Take-off Weight: 130 tons.
 Missiles top Speed: 15,000 mph.

Living quarters for the launch crew and maintenance personnel.

Two quonset huts at each site were used for maintenance and storage of a limited spare parts.

4. Do you know the names of a few of the local project leaders who I might get in touch with?

None known.

5. When did the construction begin and end? What local companies and how many local people were employed?

Soil test conducted January 1960.

Excavation stated in June 1960 by Raymond International the Prime Contractor.

SAC formally accepted the missile system on 22 Dec 1962

Local companies: None noted.

Number employed: Unknown

6. When was money appropriated for the construction? Unknown.
How much money was involved?

Site Number	Installation Number	Permanent Install Code	Silo/Easement Tract Acreage	Total Land Acquisition Cost
1	7467	THZC	245.72	\$ 7,847.69
2	7468	THZD	247.00	18,197.35
3	7469	THZE	250.82	11,460.00
4	7470	THZF	248.41	10,828.00
5	7471	THZG	238.15	4,953.00
6	7472	THZH	117.90	900.00
7	7473	THZJ	251.29	11,605.00
8	7474	THZK	246.72	5,826.00
9	7475	THZL	248.05	5,381.00
10	7476	THZM	242.64	4,702.00
11	7477	THZN	245.97	6,928.00
12	7478	THZP	242.64	3,981.00

7. When was the project dissolved and the sites sold? What reasons were given for this action? What missile replaced the Atlas and in what ways was it superior?

Site Number	Total Const Cost	Actual Acreage	Price Sold	Buyer	Date Quick Claim
1	\$ 4,995,377.03	8.95	\$ 9,100	Town of Champlain	15 Aug 67
2	4,973,631.89	8.95	7,300	Town of Alberg	15 Aug 67
3	5,016,404.09	8.95	6,471	Village of Swanton	16 Feb 70
4	5,185,818.23	8.95	5,800	Town of Willsboro	12 Jul 67
5	8,459,617.67	12.26	Unknown	State Univ of NY	27 Oct 67
6	8,566,947.39	23.35*	Unknown	State Univ of NY	27 Oct 67
7	7,497,884.28	12.95	5,500	Yates County Ind	2 Jul 68
8	5,366,781.31	13.74	7,690	Mr. Bernard A. Roy	18 Jul 67

9	5,058,271.79	8.95	5,900	Town of Dannemora	23 Sep 70
10	5,025,481.65	8.71	6,750	Town of Ellenburg	17 Nov 67
11	4,965,419.25	9.18	7,600	Town of Ellenburg	17 Nov 67
12	4,989,816.94	9.22	7,800	Town of Mooers	20 Jul 67

*Includes Easements and Right-of-Ways.

NOTE: There were no missiles assigned to the 380th Bombardment Wing that replaced the Atlas Fs. However, through the Air Force Inventory the then new Titan II was to replace the Atlas Fs and Titan Is. The reason the Atlas was replaced was like any other electronic system of that time frame - technology improved and so did the electronic capability. The Titan II possessed those advanced electronic which enhanced its targeting capabilities.

Memo For Record

29 Oct 86

TO: 380BMW/CC

This info was prepared for the 380BMW/PA office by the SSgt Thomas J. Powers, Wing Historian for release to Jack Downs, Press Republic Newspaper. PA, Lt Lamarca, has been advised that any information released on this topic MUST be approved by CSG/CC.

TJ Powers
TJ Powers, SSgt, USAF
Historian

1 Atch: Questions from
Jack Downs, Staff Writer

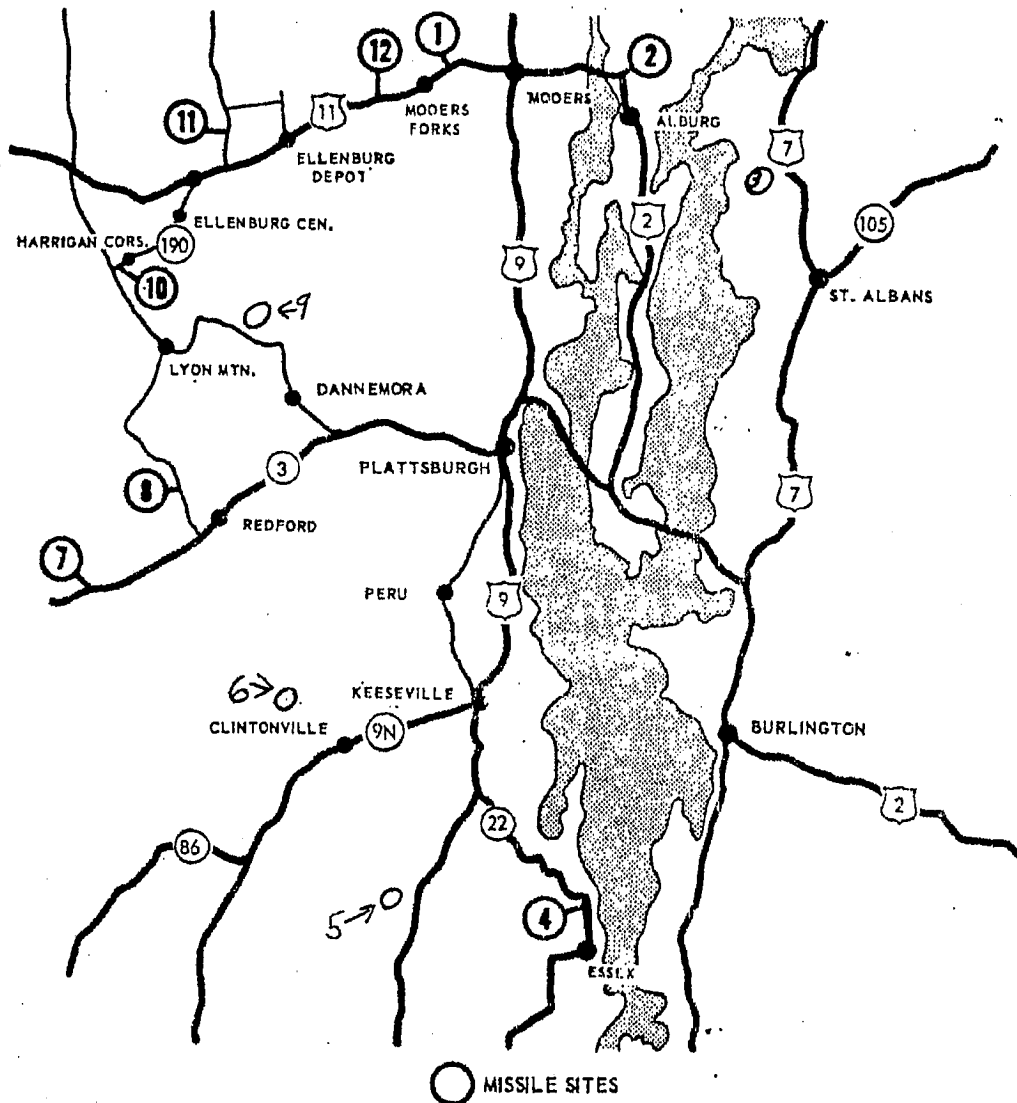
MISSILE SITES

The following is a list of missile sites as designated by SAC Special Orders No. G-52, 12 May 1961 and reflected on the real property records of this installation:

<u>SITE DESIGNATION</u>	<u>LOCATION</u>	<u>PREVIOUS SITE NO</u>	<u>PIN NO</u>
Plattsburgh Air Force Missile Site No. 1	Champlain, N.Y.	1	7467
Plattsburgh Air Force Missile Site No. 2	Alburg, Vermont	2	7468
Plattsburgh Air Force Missile Site No. 3	Swanton, Vermont	3	7469
Plattsburgh Air Force Missile Site No. 4	Willsboro, N.Y.	4	7470
Plattsburgh Air Force Missile Site No. 5	Lewis, N.Y.	10 (Bouquet)	7471
Plattsburgh Air Force Missile Site No. 6	AuSable Forks, N.Y.	5	7472
Plattsburgh Air Force Missile Site No. 7	Riverview, N.Y.	11 (Sugarbush)	7473
Plattsburgh Air Force Missile Site No. 8	Redford, N.Y.	6 (Clayburg)	7474
Plattsburgh Air Force Missile Site No. 9	Dannemora, N.Y.	7 (Chazy Lake)	7475
Plattsburgh Air Force Missile Site No. 10	Brainardsville, N.Y.	12 Harrigan Corners	7476
Plattsburgh Air Force Missile Site No. 11	Ellenburg Depot, N.Y.	8	7477
Plattsburgh Air Force Missile Site No. 12	Mooers, N.Y.	9	7478

MISSILE SITES

PLATTSBURGH AFB, NEW YORK



DISTANCES PLATTSBURGH AFB TO SITES:

NO. 1 - 30 MILES	NO. 8 - 34 MILES
2 - 38 MILES	10 - 39 MILES
4 - 30 MILES	11 - 27 MILES
7 - 36 MILES	12 - 33 MILES

DISTANCES SITES TO RAILHEADS (EST):

NO. 1 - 8 MILES	NO. 8 - 15 MILES
2 - 5 MILES	10 - 10 MILES
4 - 2 MILES	11 - 25 MILES
7 - 25 MILES	12 - 16 MILES

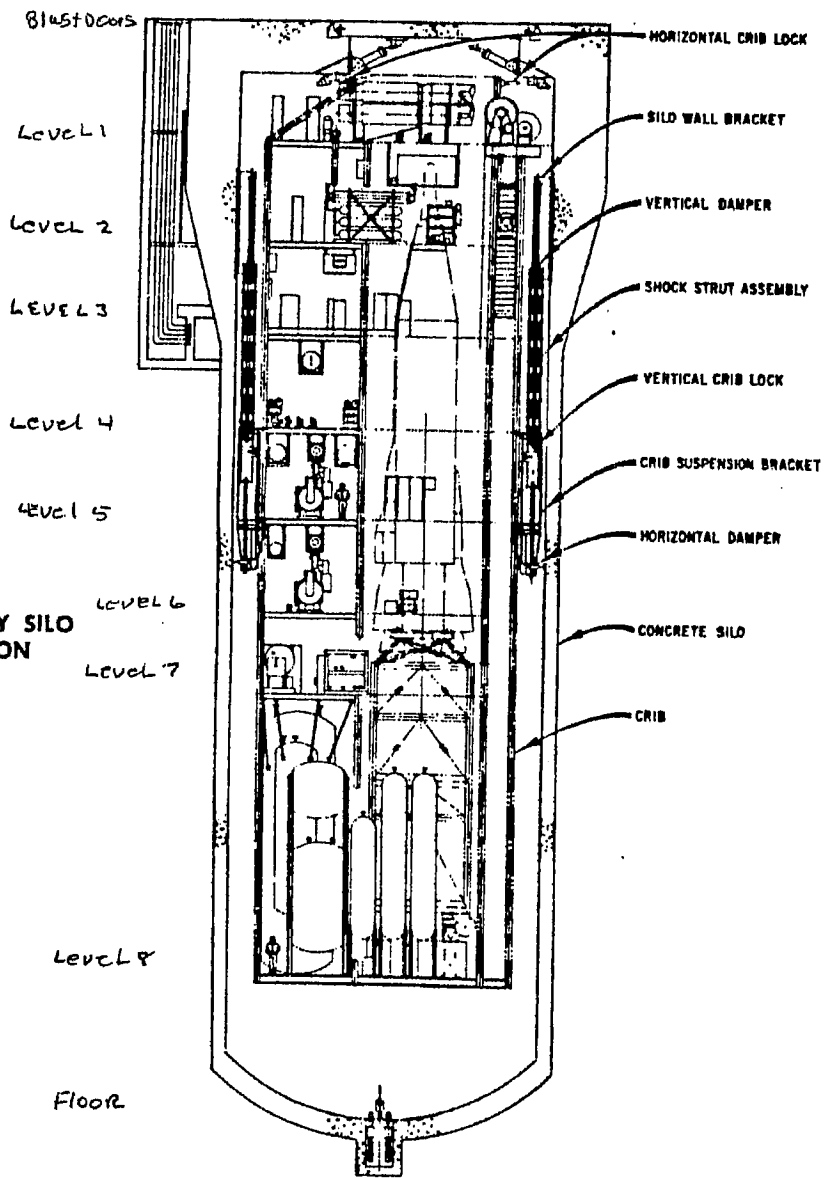


Fig. 2

**ATLAS UNITARY SILO
CRIB SUSPENSION
SYSTEM**

LEVEL 6
LEVEL 7

LEVEL 8

FLOOR

**OPERATIONAL
SITE
PLAN**

