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PHOTOGRAPHIC INTERPRETATION REPORT



MAJOR EXPANSION ACTIVITY LAUNCH COMPLEX A SARY-SHAGAN MTC USSR

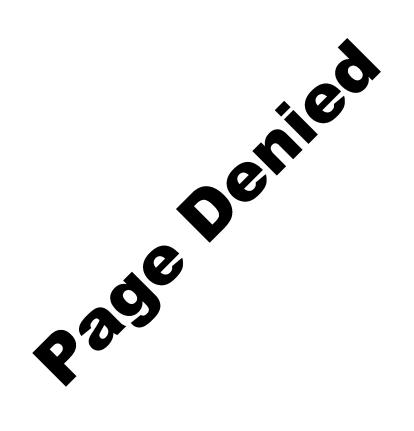
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MAJOR EXPANSION ACTIVITY **LAUNCH COMPLEX A** SARY-SHAGAN MTC, USSR

ABSTRACT

Significant expansion activity in the area of the GALOSH launch sites at launch complex A is indicated by the construction of an overall perimeter security fence and two new possible launch positions.

The perimeter fence presently under construction will secure an area of 188.1 hectares (465 acres). A large area within the security fence and adjacent to the old GRIFFON launch site 5 is available for future development.

The two new possible launch positions are under construction in a separately secured area adjacent to the two GALOSH launch sites. At the present stage of construction the two possible launch positions do not resemble the signature of any known Soviet R&D or deployed missile launch sites.

Several changes and new features have also been observed at GALOSH launch sites 7A and 7B.

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INTRODUCTION

The 188.1-hectare (465-acre) area which includes the two new possible launch positions and the two GALOSH launch sites is located in the northern part of launch complex A. Excavations for the two new possible launch positions were first observed in September 1969. Initial construction for launch site 7A was observed in September 1968 and was probably complete by February 1969. Launch site 7B was first observed under construction in August 1969 and is now nearing completion.

BASIC DESCRIPTION

New Secured Area

A new overall perimeter fence (Figure 1) is observed under construction in the area of the recently identified GALOSH launch sites. The fence will secure an area of 188.1 hectares (465 acres) and will include the two GALOSH launch sites, two new possible launch sites, the old GRIFFON launch site 5, the electronic site C control facility, and electronic positions C1 and C3. The newly secured area includes a large section available for development adjacent to launch site 5.

New Possible Launch Positions

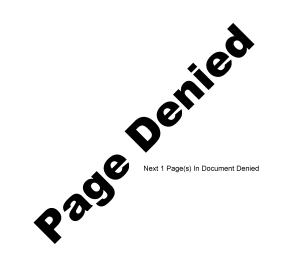
Two new possible launch positions (Figures 1 and 2) are under construction in the separately secured 16.1-hectare (40-acre) area adjacent to launch sites 7A and 7B. The positions are approximately midway on the western side of the base of the T-shaped road. Spaced 53 meters (175 feet) apart, they will be served by an oval-shaped wide-radius-turn road. At the present stage of construction, each position consists of a rectangular excavation, On one side of each excavation, the edges of the service road leading to the position have been slightly mounded. At the easternmost position a partial covering is observed over the excavation.

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A nossible in	strumentation pattern, presently consisting of	f an onen trench	
	extends from the easternmost position of	n an azimuth (105/285	
	the patterns observed at launch sites 7A and 7B conduit ready for installation are adjacent to the		
Coundation	and a probable par	tial revetment wall are	
	he two possible launch positions and within the o		
	me separately secured area just east of the two po the base of the T-shaped road are two rectangular		
<u>cast concrete blo</u> cl	ks are being installed, providing the area with a	n overall length	
	Γhe width of this area varies considerably, as inst	callation of the concrete	
olocks is incomple The second rectar	te. Two small building excavations are observed agular area appears similar in dimensions, but	only earth grading is	
presently evident.	o man age and a man a ma		

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Launch Sites 7A and	d 7B		
	unch site (Figure 3) identified in June 1969 is		
7A. From new mensur	ration based on the height of the height of the length of the top of each vertical erector ar	e vertical erector arms is	25X1 25X1
	d the distance between the erector arms	An	25X1
	e for the first time on each vertical erector a		
	n side of the launcher erector indicate the di or launching engagement is from west to east.		
	OSH launch site (Figure 3) designated 7B a		25 X 1
	f 7A, is observed nearing completion. Vehicl		25 X 1
	er erector. The launcher	25 X 1	
erector base is observ	le indices. One vertical astalled on the launcher	25 X 1	
	d adjacent to 7B. This		
erector arm	A portion of this arm will	25X1	
	launcher erector base, which accounts for the ector arms. No erector beams are visible or	•	
	lding, 7 by 7 meters (23 by 23 feet), and iden		
	cher erector. The direction of approach of a t t at site 7B is from south to north, as indicate		
	n side of the launcher erector.	ed by the shorter vehicle	
	mentation pattern consisting of five groups of		
adjacent to 7B along to 7A.	the same azimuth (105/285 degrees) as the p	attern identified at site	
ia.			
	DEFENENCIES		
	REFERENCES		25X1
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MAPS OR CHARTS			
SAC. US Air Target	Chart, Series 200, Sheet M0245-9HL, 4th ed, Nov 66	6, scale 1:200,000 (SECRET/	
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REQUIREMENT			
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