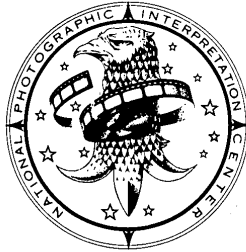


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**MAJOR DEVELOPMENTS IN GROUND
FORCES, HONAN PROVINCE, CHINA**

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MAJOR DEVELOPMENTS IN GROUND FORCES
HONAN PROVINCE, CHINA

ABSTRACT

1. This report reviews the major ground forces developments in Honan Province observed on photography of July and August 1973. The report contains a map, three photographs, and three tables.

INTRODUCTION

2. A detailed search of Honan Province was accomplished on good-quality photography of July and August 1973. The search revealed significant barracks construction since the spring of 1973 (Figure 1, Tables 1 and 2). A total of 38 barracks areas, mostly battalion size, were identified in various stages of construction. A complete summary of weapons and equipment was determined by searching both the known targets and the entire province for dispersed weapons (Table 3).

BASIC DESCRIPTION

3. A large amount of barracks construction took place in Honan Province throughout 1972 and early 1973. This activity sharply increased during the spring and summer months of 1973. In March 1973 all of these facilities were either in the early stages of construction or nonexistent. In addition, significant construction activity was observed at nine existing barracks areas.

4. Two new barracks areas identified in the I-chuan area provide excellent examples of the rapid construction of barracks in Honan. [] an area south of I-chuan showed some evidence of construction activity which appeared to be of little or no significance (Figure 2). However, coverage of this same area [] showed two artillery battalion barracks areas in midstages of construction (Figure 3). The rapid nature of this construction activity can be explained in part by the desire to have the barracks complete before the winter months.

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5. Of the nine existing barracks areas where significant construction activity was observed, two are armor regiments. At both of these--Chueh-shan Army Barracks AL 2 (Figure 4) and Ming-chiang Headquarters Infantry Division and Army Barracks Northwest AL 1 (items 8 and 9, Table 2)--additional barracks were under construction in the vicinity of the tank/assault-gun maintenance facilities. This would suggest the introduction of additional subelements to the armor units at these facilities.

6. In most of the areas where barracks are under construction for armor or artillery units, weapons and equipment have been observed in the vicinity prior to the start of construction. An example of this would be the new probable barracks under construction near Sha-ho-tien (item 34, Table 1). This installation is in early stages of construction and consists of only one complete barracks and seven buildings under construction. Ordinarily it would be impossible to identify a barracks area in such an early stage of construction. However, in this case, the equipment for an artillery regiment and a rocket launcher regiment has been dispersed on the edges of nearby villages [] [] An examination of the random sightings of equipment (Table 3) within Honan reveals several areas of potential barracks construction. The most promising of these are the Tang-ho area (item 42, Table 3) and the Cheng-yang area (items 41 and 90).

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7. Barracks areas for infantry units are difficult to identify while in the early stages of construction because of the lack of large equipment assigned to infantry units.

8. No barracks areas of regimental or division size have been constructed in Honan recently. The Chinese appear to be building their new barracks in battalion-size units with three or four similarly constructed battalion-size barracks areas in the same general vicinity. The new barracks in the I-chuan area (Figure 3) show the trend toward the construction of nearly identical battalion-size areas.

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Table 1. New Barracks Construction, Honan Province
(keyed to Figure 1)

Item	Installation Name	Coordinates	Unit Type & Size	Remarks
1	Hui-hsien Army Barracks West	35-31-45N 113-47-40E	Artillery; two battalions	In early stage of construction
2	Chi-hsien Army Barracks East	35-27-40N 114-04-00E	Infantry; battalion	In early stage of construction
3	Hsiu-wu Army Barracks Southwest	35-12-30N 113-26-30E	Infantry; battalion	Constructed
4	Hsiu-wu Army Barracks South	35-13-00N 113-26-40E	Infantry; battalion	In initial stage of construction
5	Hsiu-wu Army Barracks	35-13-40N 113-26-40E	Infantry; battalion & regimental headquarters	In midstage of construction
6	Yuan-yang Army Barracks South	35-02-15N 113-58-00E	Infantry; prob battalion	In early stage of construction
7	Chen-wa-chen Army Barracks West	34-50-00N 112-25-40E	AAA; unknown	Constructed
8	Ping-lo Army Barracks West	34-45-10N 112-34-00E	Infantry; battalion	Constructed
9	Ping-lo Army Barracks South	34-44-20N 112-34-20E	Infantry; battalion	In initial stage of construction
10	Ping-lo Army Barracks East	34-45-00N 112-35-40E	Infantry; battalion	Constructed
11	Yen-shih Army Barracks West	34-44-30N 112-44-00E	Infantry; battalion	In initial stage of construction
12	Yen-shih Army Barracks North	34-44-20N 112-45-00E	Infantry; battalion	Constructed
13	Hsiao-I Army Barracks	34-43-30N 113-00-00E	AAA; prob battalion	In initial stage of construction
14	Jung-yang Army Barracks West	34-47-00N 113-21-20E	AAA; prob regimental headquarters	In midstages of construction
15	Jung-yang Army Barracks South	34-44-50N 113-24-10E	AAA; prob battalion	In initial stages of construction
16	Teng-feng Army Barracks South	34-26-30N 113-02-50E	Artillery; prob battalion	Constructed
17	I-chuan Army Barracks West	34-24-09N 112-23-40E	Artillery; battalion	Constructed
18	I-chuan Army Barracks East	34-24-05N 112-24-15E	Artillery; battalion	Constructed
19	Lin-ju Possible Army Barracks West	34-11-00N 112-48-30E	Unknown; unknown	Constructed
20	Lin-ju Possible Army Barracks East	34-10-00N 112-50-55E	Unknown; unknown	Constructed
21	Yu-hsien Army Barracks North	34-11-20N 113-28-00E	Artillery; unknown	Constructed
22	Yu-hsien Army Barracks Northeast	34-11-20N 113-28-50E	Artillery; unknown	Constructed
23	Yu-hsien Army Barracks Southwest	34-09-10N 113-26-30E	Artillery; unknown	Constructed
24	Chang-ko Probable Army Barracks North	34-14-50N 113-46-10E	Unknown; unknown	In early stage of construction
25	Chang-ko Probable Army Barracks Northeast	34-14-00N 113-46-50E	Unknown; unknown	Constructed
26	Hsu-chang Army Barracks South	34-00-10N 113-44-20E	Unknown; unknown	Constructed
27	Yen-cheng Probable Army Barracks	33-35-20N 113-59-40E	Infantry; unknown	Constructed
28	Lo-ho Army Barracks Northwest	33-35-00N 114-01-20E	Infantry; poss battalion	Constructed
29	Lo-ho Army Barracks North	33-35-40N 114-01-50E	Infantry; poss battalion	Constructed
30	Lo-ho Army Barracks	33-34-50N 114-01-40E	Infantry; prob regimental headquarters	In initial stage of construction
31	Lo-ho Army Barracks Southwest	33-33-08N 113-59-55E	Infantry; battalion	In initial stage of construction
32	Chiu-hsien Army Barracks	33-28-42N 113-18-20E	Artillery; unknown	In early stage of construction
33	Nan-yang Army Barracks North	33-03-05N 112-34-20E	Prob artillery; unknown	Constructed
34	Sha-ho-tien Probable Army Barracks	32-59-55N 113-37-10E	Artillery; unknown	Constructed
35	Chu-ma-tien Probable Army Barracks West	32-56-15N 113-49-30E	Artillery; unknown	Constructed
36	Chu-ma-tien Probable Army Barracks West-Southwest	32-55-55N 113-49-50E	Artillery; unknown	Constructed
37	Chu-ma-tien Probable Army Barracks Southwest	32-55-50N 113-51-25E	Prob artillery; unknown	In initial stage of construction
38	Mao-chi Army Barracks	32-31-55N 113-41-20E	Armor; unknown	In initial stage of construction

Table 2. Construction Activity at Existing Barracks Areas, Honan Province
(keyed to Figure 1)

Item	Installation Name	Coordinates	Unit Type & Size	Remarks
1	Chin-yang Possible Army Barracks	35-04-50N 112-54-40E	Infantry; unknown	New barracks ucon
2	Chen-wa-chieh Army Barracks AL 1	34-49-34N 112-26-32E	AAA; Unknown	New barracks ucon
3	Ying-hao Army Barracks AL 1	34-47-00N 111-38-50E	Artillery; regiment	New barracks ucon
4	Tieh-men Army Barracks AL 1	34-43-00N 112-07-20E	Infantry; regiment	New barracks ucon
5	Lo-yang Army Barracks Southwest	34-38-30N 112-20-55E	Infantry; regiment	New battalion size barracks area added
6	Ta-ying Army Barracks AL 1	33-55-00N 112-52-30E	Armor; unknown	New barracks ucon
7	Ping-ting-shan Army Barracks AL 5	33-45-20N 113-24-05E	AAA; regiment	New barracks ucon
8	Chueh-shan Army Barracks AL 2	32-48-59N 113-53-06E	Armor; regiment	New barracks ucon adjacent to maintenance facility
9	Ming-chiang Hq Inf Div & Army Barracks Northwest AL 1	32-29-06N 114-00-50E	Armor; regiment	New barracks ucon adjacent to maintenance facility

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Table 3. Ground Force Weapons, Honan Province, KH 1206
(keyed to text)

Item	Equipment Type	Location	Coordinates	Order of Battle
1	Armor	Ta-ying Army Barracks AL 1	33-55-00N 112-52-30E	32 tanks
2	Armor	Ming-chiang Army Barracks AL 4	32-30-20N 113-55-20E	26 tanks
3	Armor	Ming-chiang Hq Inf Div & Army Bks NW AL 1	32-29-06N 114-00-50E	20 tanks
4	Armor	Mao-chi Army Barracks	32-31-55N 113-41-20E	1 APC
5	Armor	Chueh-shan Army Barracks AL 6	32-48-20N 113-47-20E	5 tanks
6	Armor	Chueh-shan Army Barracks AL 2	32-48-59N 113-53-06E	8 tanks
7	Armor	Chu-ma-tien Probable Army Barracks SW	32-55-50N 113-51-25E	19 tanks
8	Armor	Shang-chuang Army Bks/Armor Trng Area AL 1	33-08-40N 113-26-30E	15 tanks
9	Armor	Pao-feng Army Barracks AL 2	33-49-50N 113-09-00E	17 tanks
10	Armor	Ping-ting-shan Army Barracks AL 3	33-48-50N 113-15-40E	1 prob SP Gun
11	Armor	Pao-feng Army Barracks AL 3	33-53-10N 112-59-40E	1 tank
12	Armor	Chia-hsien Army Barracks AL 1	34-04-00N 113-09-50E	1 prob tank
13	Armor	Shang-chiu Army Barracks AL 2	34-26-03N 115-38-49E	7 tanks
14	Armor	Shui-yeh Army Barracks NE AL 1	36-08-37N 114-07-09E	14 tanks
15	Armor	Lin-hsien Armor Training Area AL 1	36-01-20N 113-45-00E	1 armored vehicle
16	Artillery	Pai-sha Army Barracks AL 1	34-23-00N 112-31-30E	1 tank
17	Artillery	I-chuan Army Barracks West	34-24-09N 112-23-40E	28 tanks
18	Artillery	I-chuan Army Barracks North	34-24-45N 112-24-40E	1 prob tank
19	Artillery	Chueh-shan Hq Arty Div & Army Bks AL 1	32-48-24N 114-01-02E	3 tanks
20	Artillery	Chueh-shan Army Barracks AL 4	32-43-00N 113-51-40E	4 FA pieces
21	Artillery	Nan-yang Army Barracks North	33-03-05N 112-34-20E	1 poss FA piece
22	Artillery	Chu-ma-tien Probable Army Barracks West	32-56-15N 113-49-30E	8 FA pieces
23	Artillery	Chu-ma-tien Probable Army Barracks WSW	32-55-55N 113-49-50E	8 FA pieces
24	Artillery	Chu-ma-tien Probable Army Barracks SW	32-55-50N 113-51-25E	3 FA pieces
25	Artillery	Chiu-hsien Army Barracks	33-28-42N 113-18-20E	71 FA pieces
26	Artillery	Yu-hsien Army Barracks Southwest	34-09-10N 113-26-30E	18 FA pieces
27	Artillery	Yu-hsien Army Barracks Northwest	34-11-20N 113-28-50E	4 prob howitzers
28	Artillery	Pai-tao-kou Army Barracks AL 1	35-37-00N 114-48-40E	6 FA pieces
29	Artillery	Hui-hsien Army Barracks AL 3	35-32-05N 113-48-15E	15 FA pieces
30	Artillery	Hui-hsien Army Barracks West	35-31-45N 113-47-40E	4 FA pieces
31	Artillery	Hui-hsien Army Barracks AL 5	35-26-15N 113-53-00E	4 FA pieces
32	Artillery	Hsin-hsiang Army Barracks AL 1	35-18-08N 113-49-44E	22 FA pieces
33	Artillery	Chiao-tso Army Barracks AL 2	35-17-20N 113-22-00E	4 FA pieces
34	Artillery	Chia-tso/Tai-wang-chen Army Barracks South	35-16-20N 113-20-10E	4 howitzers
35	Artillery	Kai-feng Army Barracks AL 5	34-47-30N 114-23-30E	5 FA pieces
36	Artillery	Cheng-chou Special Defensive Mound 1	34-44-10N 113-50-15E	5 FA pieces
37	Artillery	Ying-hao Army Barracks AL 4	34-46-04N 111-39-09E	9 poss FA pieces
38	Artillery	Sha-ho-tien Probable Army Barracks	32-59-55N 113-37-10E	4 FA pieces
39	Artillery	Hsu-chang Inf Div Hq & Army Barracks AL 5	34-02-38N 113-49-23E	5 FA pieces
40	Artillery	Chueh-shan Army Barracks AL 2	32-48-59N 113-53-06E	33 FA pieces
41	Artillery	Random	32-36-30N 114-23-00E	34 FA pieces
42	Artillery	Random	32-42-20N 112-48-40E	2 FA pieces
43	Artillery	Random	36-06-25N 114-25-40E	8 122-mm field guns
44	Artillery	Random	34-34-30N 114-12-10E	2 FA pieces
45	Artillery	Random	34-28-30N 113-01-40E	9 FA pieces
46	Artillery	Random	34-27-30N 113-02-05E	4 FA pieces
47	Artillery	Random	34-24-00N 113-43-20E	5 FA pieces
48	Artillery	Random	34-24-40N 113-42-40E	4 FA pieces
49	Rocket launchers	I-chuan Army Barracks East	34-24-05N 112-24-15E	4 FA pieces
50	Rocket launchers	Sha-ho-tien Probable Army Barracks	32-59-55N 113-37-10E	18 prob BM14/17
51	Rocket launchers	Hsu-chang Inf Div Hq & Army Barracks AL 5	34-02-38N 113-49-23E	4 FA pieces
52	Mortars	Yu-hsien Army Barracks North	34-11-20N 113-28-00E	18 prob BM14/17
53	Mortars	Nan-yang Army Barracks North	33-03-05N 112-34-20E	10 poss mortars

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54	Mortars	Hsin-hsiang Army Barracks AL 1	35-18-08N	113-49-44E	10 poss mortars
55	AAA	Ming-chiang Hq Inf Div & Army Bks NW AL 1	32-29-06N	114-00-50E	17 AA guns
56	AAA	Lin-ju-chen Cave Storage Area & Army Barracks	34-18-50N	112-39-10E	6 AA guns
57	AAA	Ming-chiang Airfield North	32-32-35N	114-04-57E	8 AA guns
58	AAA	Nan-yang Army Barracks North	33-03-05N	112-34-20E	17 AA guns
59	AAA	Chu-ma-tien Probable Army Barracks SW	32-55-50N	113-51-25E	32 AA guns
60	AAA	Ping-ting-shan Army Barracks AL 5	33-45-20N	113-24-06E	15 AA guns
61	AAA	Hsu-chang Army Barracks South	34-00-10N	113-44-20E	4 AA guns
62	AAA	Chia-hsien Army Barracks AL 1	34-04-00N	113-09-50E	5 AA guns
63	AAA	Shang-chiu-hsien Army Barracks SW AL 3	34-23-04N	115-34-48E	18 prob AA guns
64	AAA	Shang-chiu-hsien Army Barracks AL 2	34-26-03N	115-38-49E	6 AA guns 9 ZPU-2
65	AAA	Chueh-shan POL Storage PUG	32-47-09N	114-00-15E	6 AA guns
66	AAA	Hui-hsien Army Barracks AL 2	35-30-20N	113-53-50E	2 AA guns
67	AAA	Lun-chang-chen Army Barracks AL 1	36-16-10N	114-12-20E	18 AA guns
68	AAA	Hsin-hsiang Army Barracks AL 5	35-16-35N	113-51-35E	12 AA guns
69	AAA	Huang-ho-peian Army Barracks AL 2	34-57-00N	113-31-00E	6 AA guns
70	AAA	Huang-ho-peian Army Barracks AL 1	34-59-00N	113-31-00E	6 AA guns 9 ZPU-2
71	AAA	Kai-feng Army Barracks SW AL 1	34-46-46N	114-19-39E	17 AA guns
72	AAA	Cheng-chou Army Barracks AL 8	34-48-20N	113-39-30E	14 AA guns
73	AAA	Kai-feng Army Barracks AL 8	34-46-55N	114-24-35E	11 AA guns
74	AAA	Cheng-chou Army Barracks AL 7	34-47-00N	113-40-10E	22 AA guns 9 ZPU-2
75	AAA	Cheng-chou Airfield	34-46-31N	113-43-30E	8 AA guns
76	AAA	Cheng-chou Special Defensive Mound 1	34-44-10N	113-50-15E	3 ZPU-4
77	AAA	Cheng-chou Artillery School 4th AL 2	34-45-10N	113-37-45E	16 AA guns 6 ZPU-2
78	AAA	Chen-wa-chieh Army Barracks AL 1	34-49-34N	112-26-32E	30 AA guns
79	AAA	Chen-wa-chen Army Barracks West	34-50-00N	112-25-40E	12 AA guns
80	AAA	Jung-yang Possible Army Barracks	34-47-10N	113-22-10E	5 AA guns
81	AAA	Jung-yang Army Barracks West	34-47-00N	113-21-20E	26 AA guns 9 ZPU-2
82	AAA	Jung-yang Army Barracks South	34-44-50N	113-24-10E	22 AA guns 8 ZPU-2
83	AAA	Hsiao-l Army Barracks	34-43-30N	113-00-00E	18 AA guns 9 ZPU-2
84	AAA	Lo-yang Army Barracks AL 4	34-41-59N	112-29-55E	8 AA guns
85	AAA	Random	35-59-40N	115-18-30E	6 AA guns
86	AAA	Random	34-34-00N	113-43-00E	4 AA guns
87	AAA	Random	34-32-50N	113-38-50E	8 AA guns
88	AAA	Random	34-31-30N	113-29-40E	6 AA guns
89	AAA	Random	34-30-10N	113-42-40E	6 AA guns
90	AAA	Random	32-36-30N	114-23-00E	9 AA guns 18 ZPU-4
91	AAA	Random	34-30-10N	113-42-40E	6 AA guns
92	AAA	Random	34-31-30N	113-29-40E	6 AA guns
93	AAA	Random	34-32-50N	113-38-50E	8 AA guns
94	AAA	Random	34-34-00N	113-43-00E	4 AA guns
95	River-crossing equipment	Hsu-chang Army Barracks South	34-00-10N	113-44-20E	9 KMM 18 TMP/TPF 2 BMK-150 7 TMP/TPP 2 prob TMP/TPP
96	River-crossing equipment	Hsin-hsiang Army Barracks AL 6	35-20-05N	113-51-20E	

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