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EIGHTEENTH AAF PHOTO INTELLIGENCE DETACHMENT
HEADQUARTERS, FOURTEENTH U. S. AIR FORCE
A. P. O. #627, NEW YORK, N. Y.
25 March 1944

THIRD PHASE P. I. REPORT #50

LOCALITY : TOYOHARA AIRDROME AND VICINITY, FORMOSA (24-15 N, 120-43 E)
MISSION NO. : 11/11 C, 13/4 C.
DATE OF PHOTOS : 22 November 1943, 12 January 1944.
APPROX. PHOTO SCALE : 1:15,000, 1:15,000.
PHOTOGRAPHED BY : 21st Photo Rcn. Sq.
REFERENCE : None.

REMARKS : This report covers the Toyohara Airdrome and the installations of military importance in the immediate vicinity. The numbers in the right hand margin of the detailed interpretation section refer to the attached photos. All measurements are approximate and all directions are stated on the basis of a 16-point compass.

SUMMARY

Toyohara A/D is a first class military A/D with many facilities for maintenance, service, and repair. The drome is undergoing extensive enlargement. The following facilities are located here: eight hangars, four shop buildings, a barracks area, a storage area, an administration building, fuel and ammunition storage, and revetments for approximately 100 small planes.

In the vicinity of the drome are four (4) small permanent garrison-type camps.

DETAILED INTERPRETATION

Installation No.
(See Attached
Photo.)

I. TOYOHARA A/D.

A. Location: Toyohara A/D is located eight (8) miles N of the Town of Taichu, four and one-half ($4\frac{1}{2}$) miles N of Taichu A/D, and two one-half ($2\frac{1}{2}$) miles S of the Taiko River.

B. Landmarks: The Taiko River and many gullies and arroyos to the N and W of the A/D serve as conspicuous landmarks. The presence of Taichu A/D only four and one-half ($4\frac{1}{2}$) miles to the south also serves to locate Toyohara A/D.

C. Size, Shape, and Condition: The A/D, including the new extension at the NE corner, is roughly rectangular in shape with maximum dimensions 5,000' N-S and 5,000' E-W. The field appears to be smooth, firm, well-sodded, and in good condition. The field is well drained. Underground drainage lines, running in a N-S direction, and spaced every 600', empty into ditches which surround the field.

D. Expansion: Expansion possibilities are unlimited on all sides, and the field is being extended to the N & E (see L. Construction).

E. Runways and Taxistrips: There are no runways at the airdrome, but the entire field is usable for landing and taking off. Newly constructed taxiways lead to the revetments N, E, and S of the field. ----- 1

F. Obstructions: There are no obstructions visible in the proximity of the field.

G. Hangars: There are six (6) hangars, 135' x 110', arranged in two groups of three, along the W edge of the field. A servicing apron, ----- 2

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1800' x 350', is located directly E of the hangars. One (1) hangar, ----- 3
105' square, is located at the E central part of the drome, just W of
the main building area. Another hangar, 90' x 75', is located 800' ESE
of the single hangar mentioned above.

H. Shops, Barracks, and Other Buildings: The main building area ----- 4
covers a space 2000' x 1000', and is located at the E central part of
the drome. Visible here on the 22 November 1943 coverage were the fol-
lowing:

- Three (3) shop buildings averaging 100' x 60'.
- Five (5) storage buildings, 195' x 30'.
- Six (6) storage buildings, 100' x 30'.
- One (1) administration building, 165' x 35'.
- Five (5) barracks-type buildings, 165' x 45'.
- Seven (7) barracks-type buildings, 165' x 45'.
- Twenty-seven (27) small miscellaneous buildings scattered
throughout the area.

In the photo coverage of 12 January 1944 the following buildings
in this area have been removed:

- Two (2) storage buildings, 195' x 30'.
- Seven (7) barracks buildings, 160' x 45'. ----- 5
- Three (3) smaller buildings.

It appears that several other buildings in this area will be removed
in connection with the expansion of the A/D.

A new barracks area is under construction in an area 1200' sq., ----- 6
located approximately one (1) mile SW of the A/D. Visible here on the
12 January 1944 coverage are four (4) buildings, 200' x 30', all of
which are in various stages of construction. Large quantities of ma-
terials and much track activity is evident.

A small barracks area, 150' x 75', is located at the NW corner ----- 7
of the drome, and consists of three (3) barracks, 60' x 15', and three
(3) small miscellaneous buildings.

I. Fuel and Ammunition Storage: Two (2) tanks approximately 25' in ----- 8
diameter, probably for fuel storage, are located in the main building
area 400' NE of the larger of the two single hangars.

Ten (10) buildings averaging 45' x 30', probably fuel and ammuni- ----- 9
tion storage, are dispersed along the S and W edges of the drome.

J. Aircraft Dispersal: Fifty (50) double and three (3) single
A/C revetments, each with 40' openings, are dispersed to the S, SW,
SE, and NE of the A/D. These revetments appear to have been recently
constructed.

K. Activity: On the 22 November 1943 cover, 11 small planes were
present on the drome. On the 10 January 1944 cover, 10 small planes
were visible.

L. Construction: Extensive construction, grading, and drainage
work is in progress to enlarge the field to the N, NE and E. The work
is designed to lengthen the field 1000' to the N, 600' to the E, and
to utilize the area, 2700' x 2400', in the NE corner, which formerly
was excluded from the drome.

M. Gun Emplacements: Six (6) M/G positions are located at the SW ----- 11
corner of the main A/D building area.

N. Transportation: The A/D is well served by good highways and
roads which lead in all directions.

O. Miscellaneous: In the area adjacent to the two triple hangars at the W side of the A/D there are forty (40) objects with an average size of 25' square, probably piles of building material. These were not present on the 22 November 1943 cover.

II. OUTLYING MILITARY INSTALLATIONS:

A storage or barracks area, 1000' sq., is under construction 1800' WNW of the triple hangars. Visible in the area on the 12 January 1944 cover were four (4) buildings with an average size of 120' x 35' and three (3) buildings, 200' x 30'. Several smaller buildings and large quantities of supplies are also visible here. -----10

A small school or permanent garrison, 450' sq., is located 3000' W of the triple hangars, and consists of one (1) building, 120' x 30', one (1) building, 90' x 30', and one (1) building, 60' x 30'. A race track and athletic field is also visible here. ----- 12

A permanent-type garrison camp, 600' x 450', is located in a small village, 1.4 miles E of the main A/D building area, and consists of one (1) building, 165' x 45', and one (1) building 250' x 45'. All the above mentioned buildings are arranged in the shape of a "U" around a race track and athletic field. ----- 13

A permanent-type garrison camp, 650' x 450', is located in a small village along the Taichu highway, approximately 2.4 miles SSE of the main A/D building area, and consists of two (2) buildings, 300' x 45', and one (1) building, 200' x 65', which are arranged to form a "U" around a race track and athletic field. Also visible here are four (4) buildings, 60' x 30', probably officers quarters, and seven (7) miscellaneous buildings. ----- 14

A small permanent garrison-type camp, 600' x 450', is located 1.5 miles NE of the triple hangars, and consists of one (1) building, 225' x 30', one (1) building 120' x 30', five (5) buildings averaging 60' x 30', probably officers quarters, and five (5) small miscellaneous buildings. A race track and athletic field are also visible here. ----- 15

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TOYOHARA AIRDROME, FORMOSA
24° 15' N — 120° 43' E

P. I. REPORT NO. 50-DATE OF PHOTOS 26 NOV. 1943

PHOTOS BY 21ST PHOTO RCN. SQ.



SCALE IN FEET

SCHOOL OR GARRISON

12

10

7

TO 15

2
HANGARS

APRON

NEW AIRDROME
EXTENSION

1
TOYOHARA A/D

9

4
MAIN BUILDING AREA

3

8

4

5
BARRACKS
REMOVED

11
M/G

BARRACKS
& SHOPS

9

DISPERSAL
AREA

TO 13

DISPERSAL AREA

TO 14

TO 6