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PHOTO INTELLIGENCE SECTION
EVALUATION BRANCH
PHOTOGRAPHIC DIVISION
AC/AS, INTELLIGENCE

FUNCTIONAL ANALYSIS REPORT NO. F/A-157

DATE 12 June 1945

TARGET NO: 90.36-2021

NAME OF TARGET: KAWATANA FACTORY, SASEBO ARSENAL

LOCATION: KAWATANA, KYUSHU, JAPAN COORD: 33° 04' N - 129° 52' E

PHOTOGRAPHY:	<u>DATE</u>	<u>MISSION</u>	<u>PRINT NOS.</u>
	31 OCT 43	MLO/25	TV36/37
	3 MAR 45	5M/74	2V15/16
	11 APR 45	5M/132	2V30/32

1. This report has been prepared from a study of aerial photographs and a consideration of evaluated ground information supplied by the JOINT TARGET GROUP.

2. FUNCTION:

The KAWATANA factory of the SASEBO ARSENAL is reported to produce aerial torpedoes, marine engines, ordnance of an unspecified type and very small craft.

From an examination of available cover it is impossible to confirm which, if any, of the above material is produced at the plant but the buildings are of a type in which such material could be manufactured. There is no evidence however that small craft are built.

Ground information, said to be reliable, indicates that in 1943 the plant was devoted solely to the manufacture of aerial torpedoes, Type 91, Modification 3. As there is no photographic evidence to the contrary it would seem reasonable to assume the report to be correct.

Between Oct. 1943 and March 1945 additional land was reclaimed and three new buildings erected. This may indicate an increase in output of aerial torpedoes or alternatively that production of some other type of ordnance had been undertaken.

On cover of 3 March 1945 it was seen that the buildings which had occupied sites 28A and 31A had been removed and the areas appeared to be in use as storage areas.

3. LOCATION:

The plant is located on reclaimed land at the mouth of the KAWATANA River which forms the western boundary of the site. The SASEBO/OMURA railway forms the northern and eastern boundaries and the waters of OMURA BAY the southern boundary.

4. SERVICES:

A spur from the SASEBO/OMURA railway runs into the plant area and serves a number of the buildings. There are five points at which goods can be loaded into barges and good roads run North, East and West from the plant. There are numerous good roads within the plant area on some of which there may also be RR tracks but available cover is not good enough to permit of a definite statement on this point.

5. IDENTIFICATION OF FACILITIES:

<u>Building</u>	<u>Occupancy</u>
1.	Probable DIESEL engine power house.
2.	Boiler house
3.	Storage
4,5.	Foundry
6.	Reported electrical parts shop
7-11.	Unidentified. Reported cook house, dining rooms and recreation rooms.
12, 13.	Offices
14,15,16.	Unidentified
17,18,19,20,21.	Storage type buildings
22.	Probable air raid shelter
23.	Unidentified
24.	Probable air raid shelter
25.	Storage
26.	Shop
27,28.	Machine shop. Reported torpedo parts shop
28A.	Possible storage area
29.	Machine shop. Reported torpedo parts shop
30.	Probable foundry
31.	Storage type building
31A.	Possible storage area
32,33,34.	Machine shop. Reported torpedo parts-shop
35,36.	Unidentified
37.	Shop
38.	Unidentified
39.	Assembly. Reported torpedo sub-assembly
40.	Unidentified. Reported final assembly
41,42,43.	Unidentified
44,45.	Under construction. Probable duplicate of building 40.
46.	Assembly. Reported torpedo sub-assembly
47.	Reported torpedo storage
48.	Probable air raid shelter
49.	Possible torpedo storage
50,51,52,53.	Probable air raid shelter
54.	Pier

6. ACTIVITY:

The plant appears active, trucks are seen about the plant area and groups of barges are lying off the various loading points.

ENCL: CFL 750.095

INTERPRETED BY:

G.A. ANDERSON
F/Lt. RAF

JTG CONSULTANT:

C.R. COLEMAN
Lt. USNR

APPROVED BY:

Lee W. Kilgore
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Major, Air Corps
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Office of the Asst Chief of Air Staff,
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TARGET NO. 90:36-2021 NAME KAWATANA FACTORY,
SASEBO ARSENAL

DATE 16 JUNE 45 P/A
COMPLETED

APPROX. COORD. 33°04'N 129°52'E PHOTO DATE 11 APRIL 45

SCALE 1/6000

F/A NO. 157
CFL: 750.095

SORTIE, PRINT NOS. 3PR5M132/2V:31

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*made by 8.5" high
reduced to 14" wide*