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U.S. STRATEGIC BOMBING SURVEY  
GRAVELLY POINT, VA.

MEMORANDUM:

TO : Lt. Comdr. Henry Taylor, USNR, G-2 Section, USSBS.

1. Air Strikes on Hiroshima prior to "A" Bomb.

March 19 - About five (5) Carrier-based planes, presumably Grummans, dropped three small bombs.

April 30 - Single B-29 dropped ten (10) 500 lb bombs.

2. We are having a new map of Hiroshima made up and will give you a copy when it is completed.

3. Am still translating the Governor's "A" Bomb Report and will furnish you with a copy of my excellent translation when finished.

4. Census Figures:

	<u>1 Sept.</u>		<u>1 Nov.</u>
Hiroshima	-- 138,000	(Approx.)	136,518
Kure	-- 198,200	"	152,184
Onomichi	-- 55,000	"	53,352
Mihara	-- 44,000	"	43,743
Fukuyama	-- 40,000	"	49,060

LT. HOLTON,  
PDD TEAM #1.

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29 April 8888  
 (Daylight Tactical Mission)  
 1 B-29  
 125" 500  
 3 tons H.F. Kure

USSBS

TYPE OF MISSION

<u>Item</u>	<u>Description</u>
1	Objective Bombing
2	Patrol
3	Escort or Cover
4	Interception
5	Strafing and Fighter Sweep
6	Reconnaissance or Search
7	Diversiory
8	Intruder
**9	** Not Indicated
10	Bombing and Strafing (Combined)
11	Transport-Direct support of ground troops in contact with enemy
12	Sea Search or Attack or Patrol <u>Over Water Only</u>
13	Leaflet Dropping
15	Transport - Non Combat - Over <del>Hump</del> <u>India</u> <del>China</del> (10th & 14th Air Forces only)
17	Mine Laying
*99	Other or not Indicated*

PRIORITY OF TARGET

<u>Item</u>	<u>Description</u>
1	P.T. - Primary Target
2	S.T. - Secondary Target
3	T.O. - Target of Opportunity
4	T.L.R. or L.R.T. - Target of Last Resort
9	- Not indicated

<u>Item</u>	<u>Weight</u> <u>General Purpose or RDX or H.E.</u>
1	100#GP
2	250#GP
2	300#GP
3	500#GP
3	600#GP
3	1000#GP
4	1100#GP
4	2000#GP
5	4000#GP
6	
	<u>Semi-Armor Piercing</u>
7	500#SAP
8	1000#SAP
	<u>Armor Piercing</u>
9	1000#AP
10	1600#AP
	<u>Depth Bombs or Charges</u>
11	325#DB
11	350#DB
	<u>Mines</u>
12	1000#M
13	1660#M
14	2000#M
	<u>Flares</u>
15	FLARES
	<u>*Atom</u>
30	*ATOM*
	<u>TORPEDO</u>
25	2000#
50	10000#
99	20000#

INCENDIARY

<u>Item</u>	<u>Individual (Weight)</u>
2	4# I or Inc.
3	6# I or Inc.
5	100# I or Inc.
6	500# I or Inc.

Clusters

7	105# or (14 x M69) Inc. Cl
8	350# or (38 x M69) Inc. Cl
9	417# or (60 x M69) Inc. Cl
10	140# or (34 x M50) Inc. Cl
11	465# or (110 x M50) Inc. Cl
12	545# or (128 x M50) Inc. Cl
14	350# or (38 x M69) Inc. Cl
15	425# or (38 x M69) Inc. Cl
16	525# or (38 x M74) Inc. Cl
17	460# or (38 x M69X) Inc. Cl
18	350# or (38 x M69) Inc. Cl

Bombs Types-Fire Bombs

Auxiliary Fuel Tanks Used as Fire Bombs

	<u>Weight</u>	<u>Size</u>
21	330#	50 Gal
22	500#	75 Gal
23	660#	100/110 Gal
24	1000#	150/165 Gal
25	2000#	300 Gal

Smoke Tank Used as Fire Bomb

26	200#	33 Gal
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Smoke Bombs

30	100#
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FRAGMENTATION

<u>ITEM</u>	<u>DESCRIPTION</u> <u>Individual Bombs</u>
1	4#BF (Report as Cluste Form, items 10 and 11)
2	20# Frag.
3	23#P.F. or Para. Frag.
4	90# Frag.
5	260# Frag.
20	220# Frag.
* 21	90# Para Frag
	<u>Clusters - (Regular)</u>
6	69# or 100# or (3 x 40 or M72) Para. Frag.
7	100# or 120# or (6 x M41) Frag. Cl.
8	400# or (20 x M41) Frag. Cl.
9	540# or (6 x M82) Frag. Cl.
	<u>Clusters (BF - Butterfly)</u>
10	96# or 100# (24 x M83) BF CL
11	360# or 500# (90 x M83) BF CL

- Altitude of Release is shown in 100 ft.
- Asterisk in total tonnage indicates that less than  $\frac{1}{2}$  ton of bombs was dropped.