

TARGET NAME: AICHI-ETOKU A/C PLANT - 9020-1729

TABLE NO. 4

ATTACK DATE: 26 JUNE & 24 JULY

WEAPON ANALYSIS

NM = Near Miss, show minimum distance between bomb detonation point and point of the building involved.

GIVE AREAS IN 1,000's (M) SQ. FT.

BUILDING DATA				BOMB DATA						AREAS OF DAMAGE											
NO.	FUNCTION	PLAN AREA	TOTAL FLOOR AREA	BOMB NO.	SIZE AND TYPE	FUZE SETTING		DH or NM NO. DIST. (feet)	CRATER DIMENSION (feet)	ROOF				FLOOR							
						NOSE (sec.)	TAIL. (sec.)			STRUCTURAL			SUPER-FICIAL	STRUCTURAL							
										HE	FIRE	MIXED		HE	FIRE	MIXED					
81	SUBWAY CONSTRUCTION	186.00	186.00	1	2000SF AN-1966	.07	ND	DH	NO C	0.35	0	0	0	0	0	0					
37	SUB ASSEMBLY SHOP	68.48	70.21	2	"	"	"	DH	30	2.14	0	0	66.34	0	0	0					
23	HANGAR	210.60	242.60	3	"	"	"	DH	30x8	0.90	0	0	65.27	0	0	0					
				4						"	"	"	DH	38	3.60	0	0	127.8	0	0	0
22	WING SPAR SHOP	162.00	162.00	5	"	"	"	DH	40x8	26.60	0	0	270.00	0	0	0					
				6						"	"	"	DH	30x10	43.2	0	0	127.2	0.70	0	0
				7						"	"	"	DH	45x2	7.20	0	0	97.2	1.58	0	0
20	HEAT TREATMENT	19.64	19.64	8	"	"	"	NM	30x8	21.6	0	0	?	0.17	0	0					
				9						"	"	"	NM	40x8	2.79	0	0	14.05	0.08	0	0
11	FORGING SHOP	16.56	16.56	10	"	"	"	DH	NO C	6.48	0	0	0	0	0	0					
				11						"	"	"	DH	NO C	10.08	0	0	0	0	0	0
TOTAL		663.28	697.01							97.70	0	0	304.33	5.29	0	0					

TABLE 7
WEAPON ANALYSIS

TARGET NAME: RICHI-EITOKU A/C PLANT - 9020-1729
 ATTACK DATE: 26 JUNE & 24 JULY 1945

NM = Near Miss, show minimum distance in feet between bomb detonation point and nearest point of the building involved.
 AREA AREAS IN 1,000's (±) SQ. FT.

BUILDING DATA				BOMB DATA						AREAS OF DAMAGE								
NO.	FUNCTION	PLAN AREA	TOTAL FLOOR AREA	BOMB NO.	SIZE AND TYPE	FUZE SETTING		DH or NM NM DIST. (feet)	CRATER DIMENSION (feet)	ROOF			SUPER-FICIAL	FLOOR			SUPER-FICIAL	
						NOSE (sec.)	TAIL. (sec.)			HE	FIRE	MIXED		HE	FIRE	MIXED		
81	SUBWAY CONSTRUCTION	186.00	186.00	1	2000GP AN-M66	.01	ND	DH	NO C	0.35	0	0	0	0	0	0	0.35	
37	JOB ASSEMBLY SHOP	68.48	70.21 (INCLUDES BASEMENT)	2	"	"	"	DH	30	3.21	0	0	65.27	1.50	0	0	0	
23	HANGAR	210.60	242.60 (INCLUDES 2ND FLOOR)	3	"	"	"	DH	30x8	3.60 (ONLY HOLE FROM 1ST FLOOR)	0	0	127.80	3.60* (2ND FLOOR)	0	0	0	(FIRST FLOOR-DIRT)
				4	"	"	"	DH	38	3.60	0	0	(ALSO 270 OLD DAMAGE)	1.80* (2ND FLOOR)	0	0	0	(FIRST FLOOR-DIRT)
22	WING SPAR SHOP	162.00	162.00	5	"	"	"	DH	40x8	43.20	0	0	97.20	1.26	0	0	0	
				6	"	"	"	DH	30x10					0.70	0	0	0	
				7	"	"	"	DH	45x2					1.58	0	0	0	
20	HEAT TREATMENT	19.64	19.64	8	"	"	"	NM-3	30x8	5.58	0	0	14.06	0.17	0	0	0	
				9	"	"	"	NM-15	40x8					0.08	0	0	0	
11	FORGING SHOP	16.56	16.56	10	"	"	"	DH	NO C	6.48	0	0	0	0	0	0	0	
				11	"	"	"	DH	NO C	10.08	0	0	0	0	0	0	0	
14	AIR COMPRESSOR BUILDING	10.30	10.30	29	"	"	"	DH	NO C	0	0	10.30	0	0	0	10.30	0	
17	LOCKER ROOM	6.00	6.00	33	"	"	"	DH	NO C	0	0	6.00	0	0	0	6.00	0	
				34	"	"	"	NM	C									
21	SHOP	34.20	35.60 (INCLUDES 2ND FLOOR)	37	"	"	"	NM	C	0	0	34.20	0	0	0	34.20 (1ST FL) *1.40 (2ND FL)	0	
30	STORAGE	9.10	9.10	BOMB 43 OUT SIDE PLANT AREA	"	"	"	M-130	C	0	0	9.10	0	0	0	9.10	0	
31	STORAGE	12.10	12.10	43	"	"	"	CAUGHT FIRE FROM BLDG 30	C	0	6.05	0	0	0	6.05	0	0	
TOTAL		663.28	697.01							97.70	0	0	304.33	5.29	0	0	0.35	

SUB

734.98 770.11

94.10 6.05 59.60

6.05 61.00

TARGET NAME: AICHI-EITOKU A/C PLANT 90 20 -1729

WEAPON ANALYSIS

NM = Near Miss, show minimum distance in feet between bomb detonation point and nearest point of the building involved.

ATTACK DATE: 26 JUNE 24 JULY 1945

AREAS IN 1,000's () SQ. FT.

BUILDING DATA				BOMB DATA						AREAS OF DAMAGE									
NO.	FUNCTION	PLAN AREA	TOTAL FLOOR AREA	BOMB NO.	SIZE AND TYPE	FUZE SETTING		DH or NM NM DIST. (feet)	CRATER DIMENSION (feet)	ROOF			FLOOR						
						NOSE (sec.)	TAIL (sec.)			STRUCTURAL			SUPERFICIAL	STRUCTURAL			SUPERFICIAL		
										HE	FIRE	MIXED		HE	FIRE	MIXED		HE	FIRE
41B	PARTS STORAGE	3.10	4.00 (INCLUDES 2ND)	39	2000 GP AN-M66	.01	ND	DH	C	0	0	3.10	0	0	0	0	0	3.10 (ST PL) 0.90 (2ND PL)	0
80B	PAINT STORAGE	2.10	2.10	42	"	"	"	M-50	C	0	0	2.10	0	0	0	0	0	2.10	0
80D	"	2.10	2.10	42 } 41 }	"	"	"	M-140 M-120 }	C	0	0	2.10	0	0	0	0	0	2.10	0
80E	"	2.10	2.10	41	"	"	"	M-25	C	0	0	2.10	0	0	0	0	0	2.10	0
80G	"	2.10	2.10	41	"	"	"	M-55	C	0	0	2.10	0	0	0	0	0	2.10	0
15	KITCHEN	10.20	11.90 (INCL 2ND FL)	31 } 32 }	"	"	"	2DH	C	10.20	0	0	0	0	0	0	0	10.20 (ST PL) 1.70 (2ND FL)	0
4	STORAGE	5.20	5.20	20	"	"	"	DH	C	5.20	0	0	0	0	0	0	0	5.20	0
		[15.5 ST DAM FROM 18 RM]		21	"	"	"	NM-1	C										
1	SHOP	12.80	12.80	28	"	"	"	DH	C	9.00	0	0	0	0	0	0	0	9.00	0
2	SHOP	12.80	12.80	22	"	"	"	M-65	C	6.40	0	0	0	0	0	0	0	6.40	0
3	SHOP	6.40	6.40	24	"	"	"	M-50	C	6.40	0	0	0	0	0	0	0	6.40	0
3A	SHOP	1.90	1.90	25	"	"	"	NM-10	C	1.90	0	0	0	0	0	0	0	1.90	0
SUB TOTAL		60.80	63.40							39.10	0	11.50	0	40.80	0	12.10	0		
TOTAL		79.578	833.51							133.20	6.05	71.10	24.33	46.09	6.05	73.10	0		

DH = DIRECT HIT
M = MISS
C = CRATER

*** MULTI-STORY BUILDING DAMAGE TO BE ADDED TO PLAN AREA DAMAGE - TOTAL 9.40

210.35
9.40 **
219.75

25-73978-100
MULTI-STORY BUILDING DAMAGE TO BE ADDED TO PLAN AREA DAMAGE

TARGET NAME: AICHI-EITOKU A/C PLANT 90:20 - 1729

ATTACK DATE: 26 June 1945 & 24 July 1945

TABLE NO. ~~207~~ 8

WEAPON ANALYSIS

NM = Near Miss, show minimum distance in feet between bomb detonation point and nearest point of the building involved.

AREA AREAS IN 1,000's (E) SQ. FT.

BUILDING DATA				BOMB DATA						AREAS OF DAMAGE												
NO.	FUNCTION	PLAN AREA	TOTAL FLOOR AREA	BOMB NO.	SIZE AND TYPE	FUZE SETTING		DH or NM NM DIST. (feet)	CRATER DIMENSION (feet)	ROOF				FLOOR								
						NOSE (sec.)	TAIL. (sec.)			STRUCTURAL			SUPER-FICIAL	STRUCTURAL			SUPER-FICIAL					
										HE	FIRE	MIXED		HE	FIRE	MIXED						
81	Subway Construction	186.00	186.00	1	2000 lb GE AX-100	.01	ND	DH	No C	0.35	0	0	0	0	0	0	0	0	0			
37	Sub Assembly	66.46 68.48 68.48	70.21 (Includes Basement)	2	"	"	"	"	30	3.21	0	0	0	65.27	0	0	0	0	0			
39	BODY ASSEMBLY SHOP	198.00	215.30	2	"	"	"	NM-70	"	0	0	0	48.50	0	0	0	0	0	0			
23	Hangar	210.60	242.60 (Includes 2nd floor)	3	"	"	"	NM-70 DH	30 x 8	0	0	0	127.80 [Also Plus (2nd Floor) Old IB Damage]	3.60 (2nd Floor)	0	0	0	0	0			
				4	"	"	"	"	38	3.60	0	0	0	1.80 (2nd Floor)	0	0	0	0	0			
22	Wing Spar Shop	162.00	162.00	5	"	"	"	"	40 x 8	43.20	0	0	97.20	1.26	0	0	0	0	0			
				6	"	"	"	"	30 x 10					0	0	0	0	0	0	0	0	0
				7	"	"	"	"	45 x 2					21.60	0	0	0	0	0	0	0	0
20	Heat Treatment	19.64	19.64	8	"	"	"	NM-3	38 x 8	5.58	0	0	14.06	0.17	0	0	0	0	0			
				9	"	"	"	NM-15	40 x 8					0	0	0	0	0	0	0	0	0
16	FOUNDRY	15.30	15.30	8, 9	"	"	"	NM-60, NM-50	-	2.30	0	0	13.00	0	0	0	0	0	0			
11	Forging Shop	16.56	16.56	10	"	"	"	DH	No C	6.48	0	0	0	0	0	0	0	0	0			
				11	"	"	"	"	No C	10.08	0	0	0	0	0	0	0	0	0			
14	Air Compressor Building	10.30	10.30	29	"	"	"	"	No C	0	0	10.30	0	0	0	0	0	0	0			
17	Locker Room	6.00	6.00	33	"	"	"	"	No C	0	0	6.00	0	0	0	0	0	0	0			
				34	"	"	"	NM-4	0	0	0	0	0	0	0	0	0	0	0			
TOTAL																						

TARGET NAME: AICHI-EITOKU A/C PLANT 90:20 - 1729

ATTACK DATE: 26 June and 24 July 1945

TABLE NO. 8

WEAPON ANALYSIS

NM = Near Miss, show minimum distance in feet between bomb detonation point and nearest point of the building involved.

NUMERICAL AREAS IN 1,000's (E) SQ. FT.

BUILDING DATA				BOMB DATA						AREAS OF DAMAGE							
NO.	FUNCTION	PLAN AREA	TOTAL FLOOR AREA	BOMB NO.	SIZE AND TYPE	FUZE SETTING		DH or NM NM DIST. (feet)	CRATER DIMENSION (feet)	ROOF				FLOOR			
						NOSE (sec.)	TAIL (sec.)			STRUCTURAL			SUPER-FICIAL	STRUCTURAL			SUPER-FICIAL
										HE	FIRE	MIXED	SUPER-FICIAL	HE	FIRE	MIXED	SUPER-FICIAL
21	Shop	34.20	35.60 (Includes 2nd floor)	37	2000 GP AN-M66	.01	ND	NM-6*	C			34.20					1.40 1.40 (2nd fl)
				38	"	"	"	NM-30*	C								
30	Storage	9.10	9.10	43	"	"	"	NM-130	C			9.10					
31	Storage	12.10	12.10	43	"	"	"	Caught fire from Bldg 30	C		6.05						
35	SHEET METAL SHOP	94.30	95.70	38	"	"	"	NM-80	C	2.70			25.80				
41b	Parts Storage	3.10	4.00 (Includes 2nd floor)	39	2000 GP AN-M66	"	"	DH	C			3.10					5.10 0.94 (2nd floor) 0.94 (2nd floor)
41	Flight outfitting shop	22.10	22.10	39	"	"	"	NM-15*	C	6.20			12.40				
80 b	Paint Storage	2.10	2.10	42	"	"	"	NM-50	C			2.10					
d	"	2.10	2.10	{42,41	"	"	"	NM-140	C			2.10					
e	"	2.10	2.10	41	"	"	"	NM-25	C			2.10					
g	"	2.10	2.10	41	"	"	"	NM-55	C			2.10					
15	Kitchen	10.20	11.99- (Incl. 2nd floor)	{31,32}	"	"	"	DH DH	C	10.20							
4	Storage	5.20 (15.5 sq. ft. Dan. from IB Raid) (Original Area 20.7)	5.20	{20,21}	"	"	"	DH NM-1	C	5.20							1.79
1	Shop	12.80	12.80	28	"	"	"	DH	C	9.00 12.80							
2	Shop	12.80	12.80	22	"	"	"	NM-65	C	6.40 12.80							
3	Shop	6.40	6.40	24	"	"	"	NM-50	C	6.40							
3a	Shop	1.90	1.90	25	"	"	"	NM-10	C	1.90			0				
TOTAL		1125.48 795.78	1182.00 833.51							149.60 143.40 133.20	6.05	71.10	404.03 304.35	7.19	0		

DH - Direct Hit

C - Crater

Major Building Damage
to be added to Plan Area Damage

220.65
210.35
9.40
219.75
229.75
710
704.03
719
9.40
2.30
25-73978-100