TEST BOMBING FLIGHT RECORD

(See Instructions Reverse Side)

1. TASK NUMBER	1. BOMB INFORMATION	TODAY'S INFORMATION
2. DATE	A. WEIGHT	1. GRND TEMP °F
3. PILOT	B. C. G.	2. REL HUMIDITY
4. NAVIGATOR	C. MOMENT	3. ALT SET
5. A/C TYPE AND NUMBER	2. PRE-RELEASE INFO: Q-.O/KR/KC	4. WINDS, TEMP °C.*(Rel.)*
6. TYPE UNIT	*(From A/C to Ground Controller)*	5. ALT. CORR
7. BOMB BAY AND/OR RACK POS.	A. ALT MSL	6. STA. PRESS
8. BOMBING SYSTEM	B. ATF	7. PERCENT DENSITY DEV.
9. AUTOPILOT	C. TRAIL	8. SURFACE WINDS *(MPH)*
10. TARGET OR AIMING PT	D. BAKER	9. DBW OFFSET: N S
11. BOMB TABLES USED *(Code if Classified)*	3. ESCAPE MANEUVER	E W
12. OAP OFFSET N/S E/W	A. PLANNED	TOTAL OFFSET FEET
	B. ACTUAL	

REL ORDER	UNIT NO	TIME OF REL	TRUE HEAD AT REL	IND. T. °C FLT ALT	CIAS KTS	TAS KTS	GS KTS	PRESS ALT HG 29.92 ALT SET	RADAR ALT FT	BNS REL ATF (SEC)	BNS REL W. V. KTS OR N/S E/W	REL TRAIL FT	DRIFT ANGLE L° R°	REL OFFSET USED	BOMB IMPACT FT & CLOCK ANGLE
1															
2															
3															
4															
5															

REMARKS

WINDS ALOFT			
ALTITUDES	DIRECTION	KNOTS	EMP T. °C

SWWU FORM 0455 NOV 58

REPLACES SWWU FORM 0455, JUL 58, WHICH IS OBSOLETE

INFORMATION FOR COMPLETION OF COLUMNS ON REVERSE SIDE

(A Test Bombing Flight Record to be completed for every test or simulated drop mission requiring ground instrumentation)

1. Starting with upper left column, complete items 1 thru 11 for every mission. Item 12 when applicable.
2. Center columns, complete all items. Item 1, info from Project Officer *(in code)*. Item 2, info from bomb tables *(in code)* for applicable Q factor. Item 3, info from pilot as to type of maneuver planned and actually performed.
3. Right columns. Complete items 1 thru 5, 7, 8, and 9 every mission. Data for these items to be obtained from Range Controller or representative, in code where applicable. Items 6 and 10 when applicable, data compiled by navigator on mission. Data entered in this column to represent actual values used for drop.
4. Identification of lower columns from left to right:
   a. Release Order – self explanatory.
   b. Unit Nr. – number assigned by Armament.
   c. Time of Release – self explanatory.
   d. True Heading at Release – self explanatory.
   e. Temperature ^{o}C Flight Altitude – indicated temperature at time of release.
   f. CIAS *(kts)*, TAS *(kts)*, GS *(kts)*, in code – calibrated indicated airspeed. True airspeed and ground speed all in knots. Data to be actual values at release altitude and at release time.
   g. Pressure Altitude *(Hg)* 29.92 Altimeter Setting – self explanatory. *(code)*
   h. Radar Altitude *(Ft)* at release – self explanatory, in code.
   i. ATF *(Sec)* – *(in code)* actual time of fall from tables set into bombing system.
   j. BNS W/V Knots at Rel N/S E/W – Bomber navigation system wind velocity *(kts)* at release – North/South, East/West.
   k. Trail *(Ft)* – Actual trail set into bomb system *(in code)*.
   l. Drift Angle L^{o} R^{o} – self explanatory.
   m. Off–set Used *(Ft)* – Actual values used at release for an off target off set *(when applicable)*.
   n. Bomb Impact *(Ft at Clock Angle – Info from Range Controller)*.