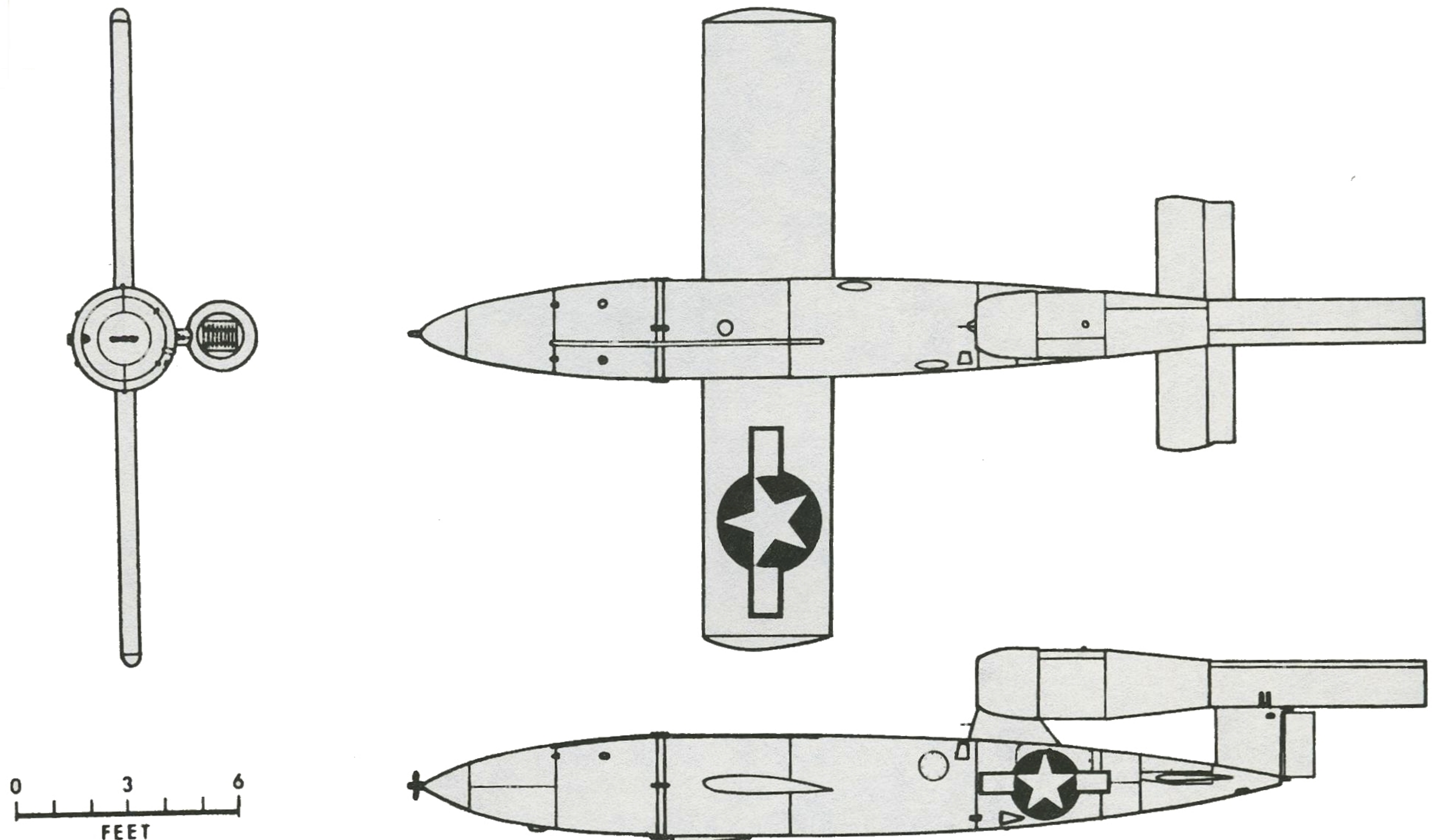


JB-2 (LTV-N-2 "LOON")



This "Americanized" version of the German V-1 Flying Bomb was designated JB-2 "Thunderbug" by the U. S. Army Air Force and KUV-1 (Later LTV-N-2) "Loon" by the U. S. Navy. The AAF, after studying a number of captured German V-1's, initiated the JB-2 project in July 1944 as a refinement over the V-1; and eventually produced approximately 1200 vehicles. Most AAF testing was conducted at Eglin AFB, Florida with the first launch on 12 Oct 1944. The U. S. Navy acquired the JB-2 from the AAF and incorporated radio controls and radar beacons. Almost all land launches were at the Pt. Mugu Naval Base in California, but starting in Feb 1947 "Loons" were adapted for firing from the submarine USS Cusk and in 1949 from the Guided Missile Ship USS Norton Sound.

The SMDC JB-2/Loon has the following specifications:

Engine	= Ford PJ-31-F-1	Fuselage Diameter	= 2'9"
Thrust	= 900 lbs	Launch Weight	= 5023 lbs
Max Speed	= 440 mph	Service Ceiling	= 6000 ft
Wing Span	= 17' 8"	Overall Length	= 27'1"
Range	= 150 miles	Height	= 4'8"

Paint and markings:

Almost all early JB-2's were overall olive drab with small black or white numbers and carried 20" National insignia on both sides of the fuselage and 30" insignia on the upper left and lower right wings. Early Loon's were painted yellow overall with black numbers and carried the same insignia as the JB-2's. However, these "standard" schemes quickly gave way to many variations and individual sources should be closely consulted for the actual missile being modelled.

References:

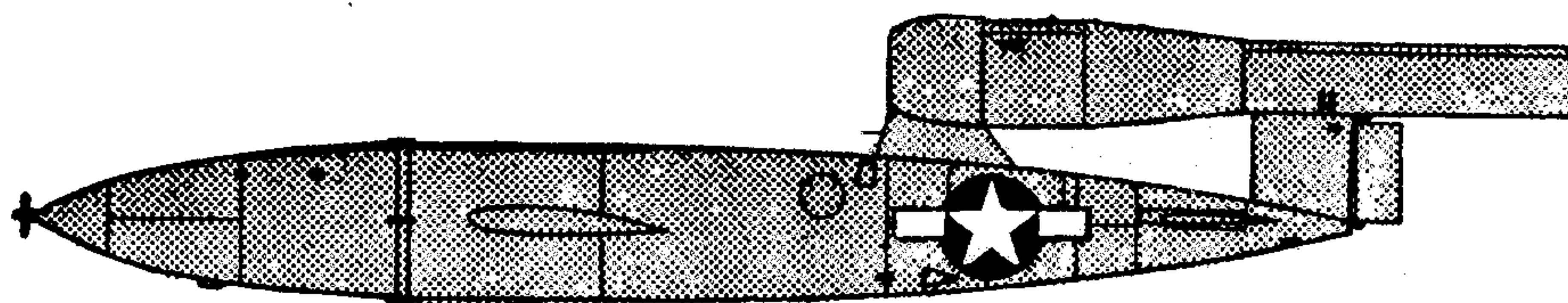
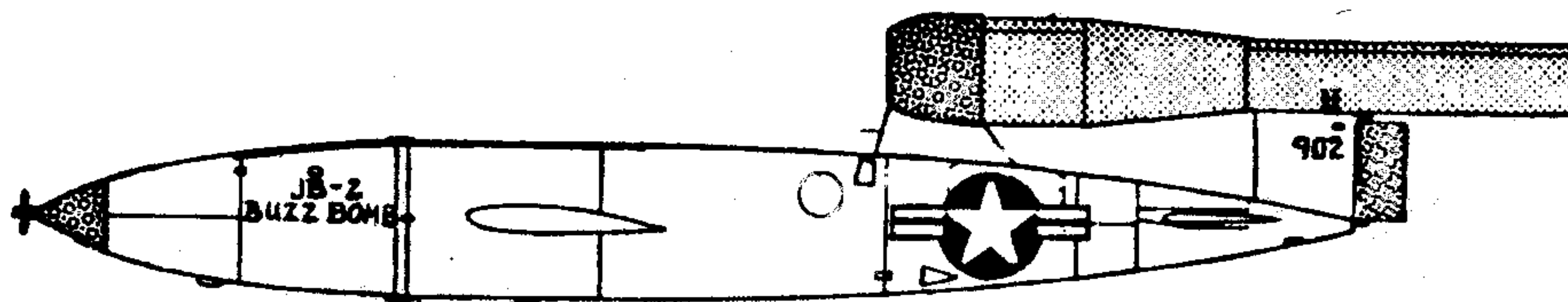
1. T.O. No. 11-75BA-3, Assembly, Preparation and Launching of Pilotless Aircraft Type JB-2 dated 1 June 1945
2. Report No. AAF-MD-E98, Progress Report of AAF Pilotless Aircraft as Guided Missiles dated 21 Jan 1946.
3. Monogram publication, Close-Up #4 "Buzz Bomb" by A.L. Kay (1977)

SMDC wishes to thank the National Air & Space Museum; Wm. Armstrong, Historian-Naval Air Systems Command; and especially "Bud" Arnold of the Pacific Missile Test Center, Point Mugu California.

This article reprinted through the courtesy of SMDC. SCALE MODEL DEVELOPMENT COMPANY

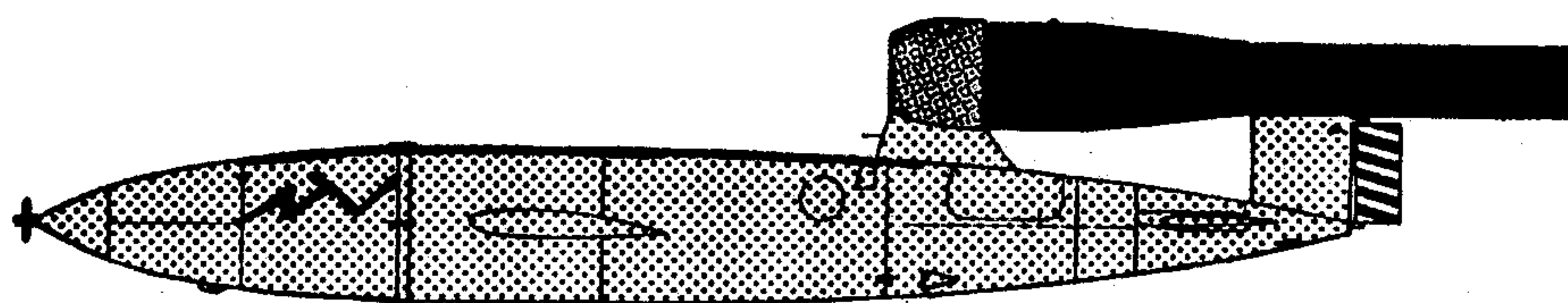
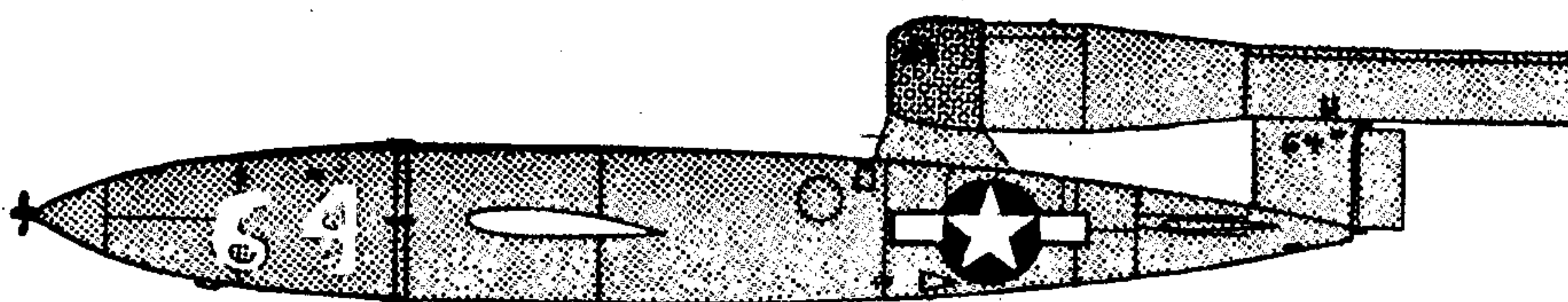
JB-2/LOON - COLOR SCHEMES

- (1) JB-2 LATE 1948.
WORDING & NUMBERS
ARE BLACK ON BOTH
SIDES.



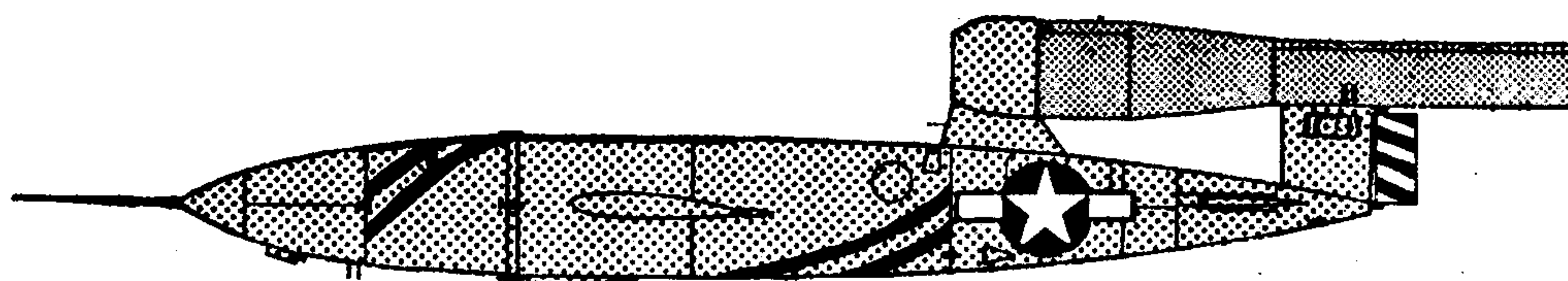
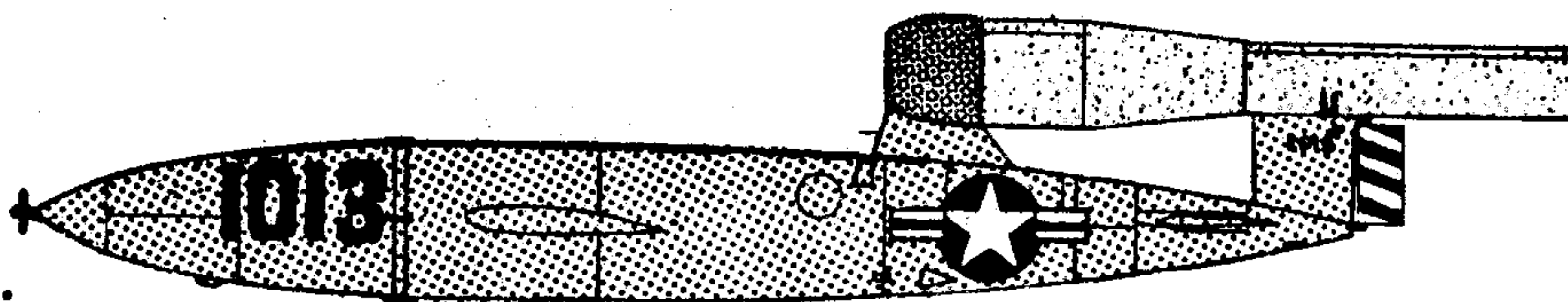
- (2) JB-2 MID 1946. ALL
OD WITH "711" CRUDELY
DONE IN WHITE.

- (3) JB-2 LATE 1946.
NUMBERS "64" VERY
CRUDELY BRUSHED IN
WHITE THREE PLACES.
WINGS ARE ALL WHITE.



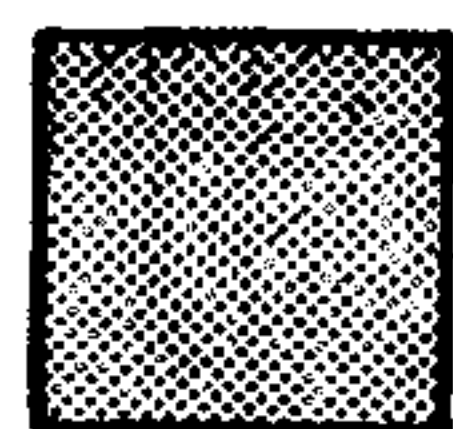
- (4) LOON MAY 1956. NOTE
GERMAN V-1 TYPE LONG
DORSAL CABLE DUCT.
"LIGHTNING" STREAK
IS RED. BLACK & WHITE
ELEVATORS. NO INSIGNIA.

- (5) LOON OCT 1951. NOTE
LONG CABLE DUCT AS IN
#4. NUMBERS IN BLACK
TWO PLACES. BLACK &
WHITE RUDDER & ELEVATOR.



- (6) LOON 1946. MOD FOR
SPECIAL RADIO TESTS.
BLACK SPIRAL LINES ARE
FOR ROLL DETECTION.
NUMBERS "1031" ARE
WHITE ON BLACK BACK-
GROUND. BLACK & WHITE
RUDDER AND ELEVATORS.

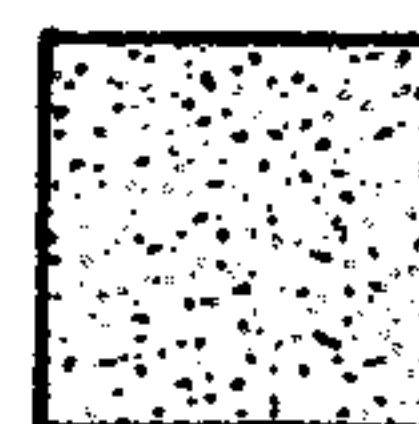
NOTE: INSIGNIA - CARRIED STANDARD FOUR PLACES WITH 20" DIAMETER ON FUSELAGE AND 30" DIAMETER ON WINGS.



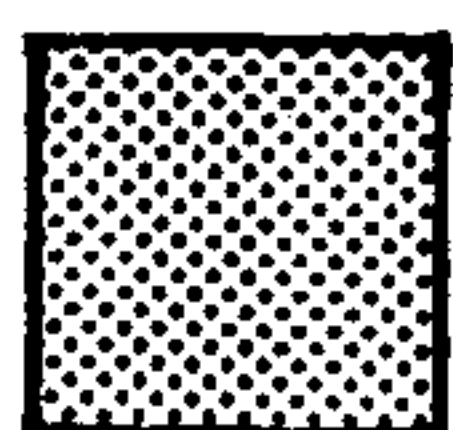
OLIVE DRAB
FS 34087



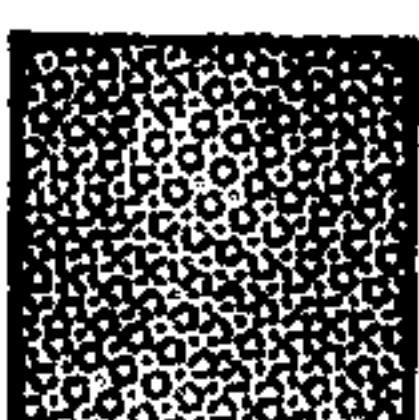
WHITE
FS 37875



NATURAL
METAL



YELLOW
FS 33538



RED
FS 31136



BLACK
FS 37038