

GEN. SPECIFICATIONS

LANDPLANE TYPE, MARTIN SPECS R-47600

WEIGHT EMPTY 3890 lbs.
 USEFUL LOAD 347 lbs.
 CREW 400 lbs.
 EQUIPMENT 308 lbs.
 ORDNANCE 2079 lbs.
 FUEL (104 gals. normal) 624 lbs.
 OIL (8 gals.) 60 lbs.
 GROSS WEIGHT (Scout) 6547 lbs.
 GROSS WEIGHT (With Torpedo) 7309 lbs.
 WING LOADING (Full Load) 110 lbs./sq. ft.
 POWER LOADING (Full Load) 140 lbs./H.P.
 CLIMB IN 10 min. 3850 ft.
 SERVICE CEILING 10,150 ft.
 ENDURANCE (Full Power) 3.5 hrs.
 ENDURANCE (Cruise) 7.5 hrs.
 RANGE 435 miles
 MAXIMUM SPEED (Military load) 650 miles
 CRUISING SPEED (Light Condition) 113.2 m.p.h. S.L.
 LANDING SPEED 98 m.p.h.
 FUEL CAPACITY (Normal) 56 m.p.h.
 FUEL CAPACITY (Maximum) 104 gals.
 POWER, PRATT & WHITNEY R-1690 "HORNET"
 525 H.P. at 1900 r.p.m.

BU. NO. ASSIGNMENTS

T4M-1 (XT4M-1)	A 7566	1
T4M-1	A 7596-7649	54
T4M-1	A 7862-7899	48
TWIN SISTER VERSIONS		
BUILT BY GREAT LAKES AS		
THE TG SERIES		
TG-1	A 8458-8475	18
TG-2	A 8697-8728	32
TOTAL		153

PLANVIEW, UPPER WING REMOVED

UNDERSURFACE VIEW

BLACK WALKWAY AREAS

AUX. STRUT BRACE FOR FOLDED WING ONLY

HOISTING LANTARD COMPARTMENT

CONTROLS IN FRONT OF CENTER COCK-PTS. PILOTS USE CENTER-CONTROL IN FORWARD PIT, USED FOR RELIEF AND EMERGENCY MAINLY.

ELEVATOR MOVEMENT ± 30°

18' 11 1/8"

9' 0 1/4"

1' 9/16"

4' 10"

3' 0 1/2"

21' 4"

DRAG WIRE

HAND GRIPS

SPAN - WINGS FOLDED

TWIN 30 CAL. LEWIS MG-S

0 1 2 3 4 5 6 7 FEET
 0 1 2 METERS

20' 4"

9' 11"

6' 6 29/32"

3' 7"

10"

9' 11"

20' 4"

9' 11"

6' 6 29/32"

3' 7"

10"

OPTIONAL NAVIGATION LIGHT POSITION OR FORMATION LIGHTS

HAND HOLDS - LOWER WINGS ONLY

EXACT AIRFOIL UNKNOWN (PROJECTED FROM AVAILABLE INFORMATION)

1/2" INC ALL WINGS

DRAWINGS COMPLETED FROM THE
 GLENN L. MARTIN CO. CLEVELAND,
 OHIO PRINTS R-47600 No. 2200,
 R-47601 No. 2065 AND 4340 OF
 5/10/28



MARTIN T4M-1

1928-31

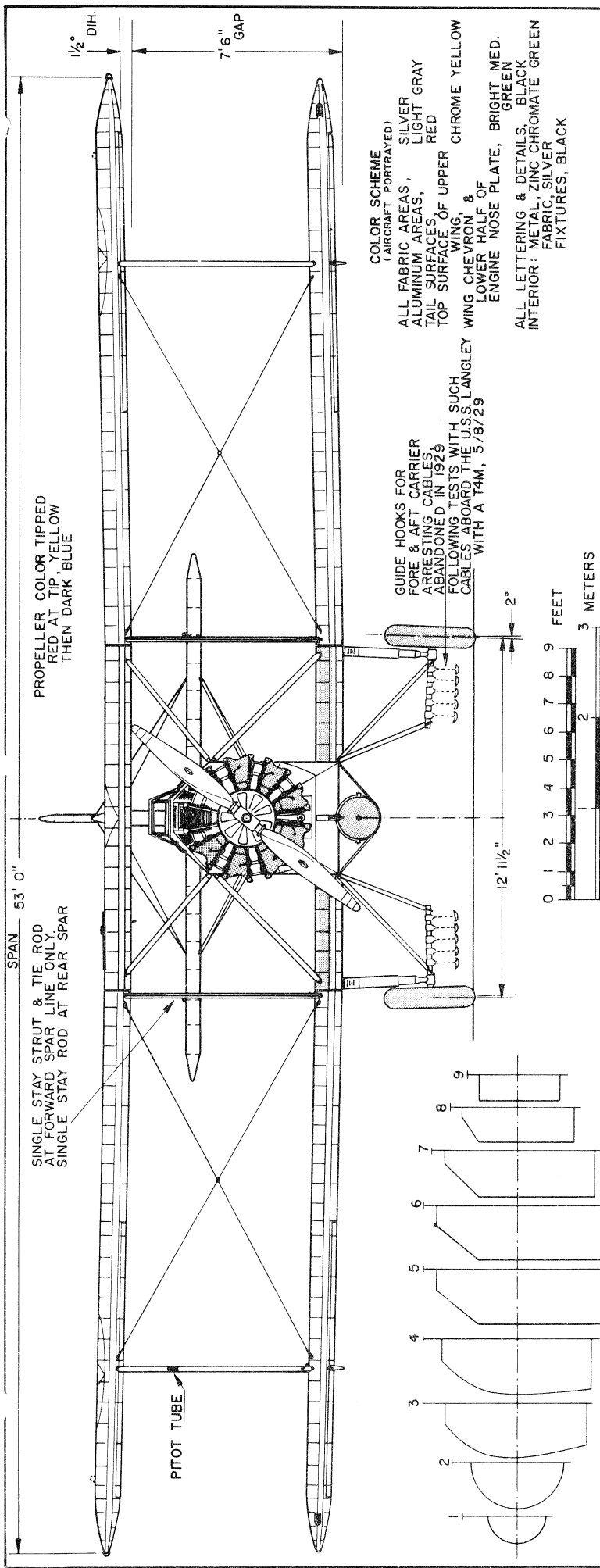
SCALE: 1:64

DRAWN BY: PAUL R. MATT

PLATE 1 of 2

DRAWING No. 4-29-D

HISTORICAL AVIATION ALBUM, 1967



COLOR SCHEME
(AIRCRAFT PORTRAYED)

ALL FABRIC AREAS, ALUMINUM AREAS, TAIL SURFACES, TOP SURFACE OF UPPER WING, CHROME YELLOW

LOWER HALF OF ENGINE NOSE PLATE, BRIGHT MED. GREEN

ALL LETTERING & DETAILS, BLACK

INTERIOR: METAL, ZINC CHROMATE GREEN FABRIC, SILVER FIXTURES, BLACK

GUIDE HOOKS FOR FORE & AFT CARRIER ARRESTING CABLES ABANDONED IN 1929 FOLLOWING TESTS WITH SUCH CABLES ABOARD THE U.S.S. LANGLEY WITH A T4M, 5/8/29

PROPPELLER COLOR TIPPED RED AT TIP, YELLOW THEN DARK BLUE

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FUSELAGE FABRIC COVERED AFT OF TEMPLATE 4, ALUMINUM FORWARD AS WELL AS FAIRINGS AND INSPECTION PLATES.

HAMILTON STANDARD GROUND ADJUSTABLE PROPELLER

VT-2B
(TORPEDO SQUADRON TWO)
FIRE BREATHING FLYING DRAGON
DRAGON - RED
SPINE - GREEN
CLAWS & TAIL TIP - YELLOW
TORPEDO - BLACK

REF. U.S. NAVY AIRCRAFT, 1921-1941
by W.T. LARKINS &
artist W. MCINTYRE

