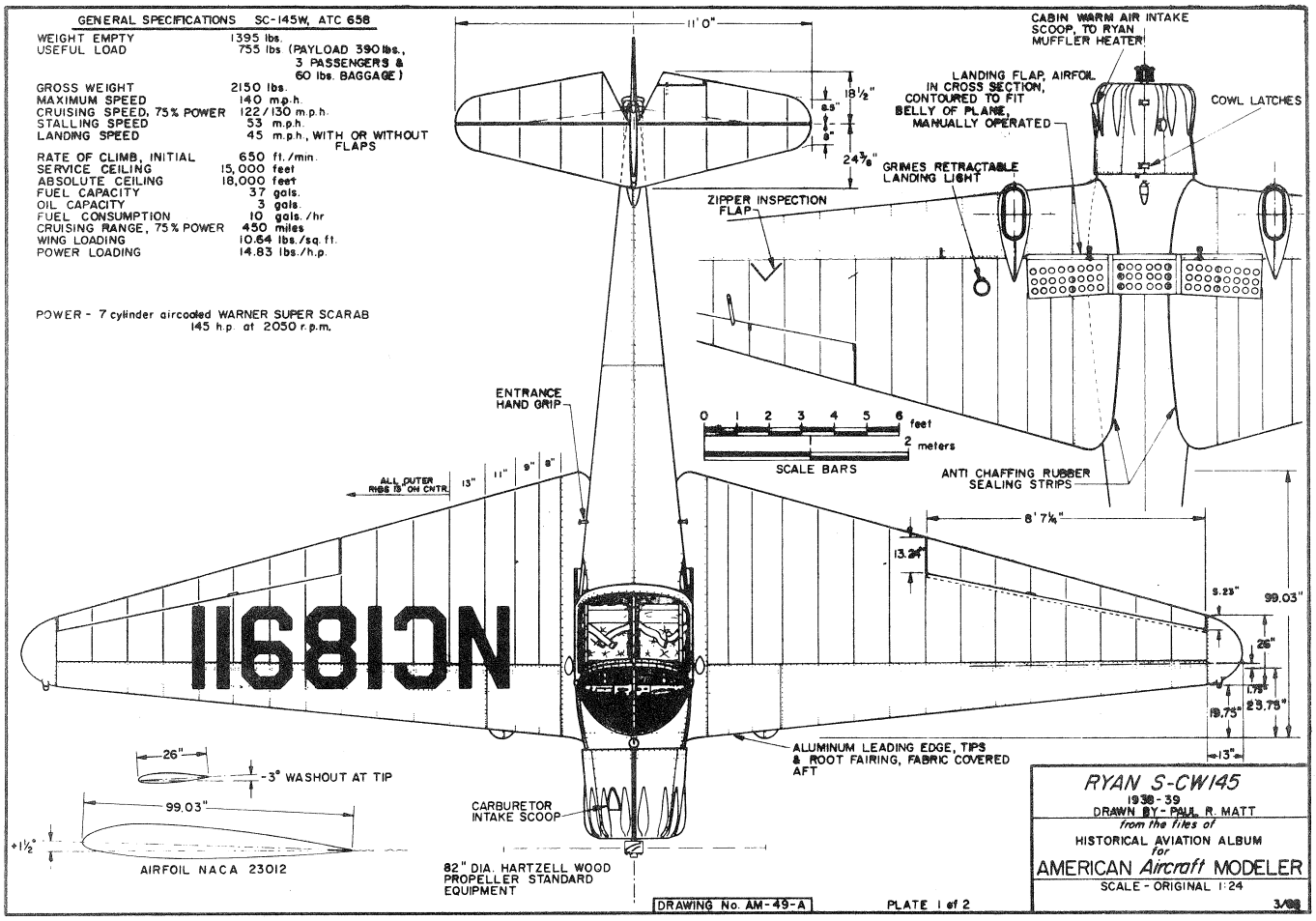
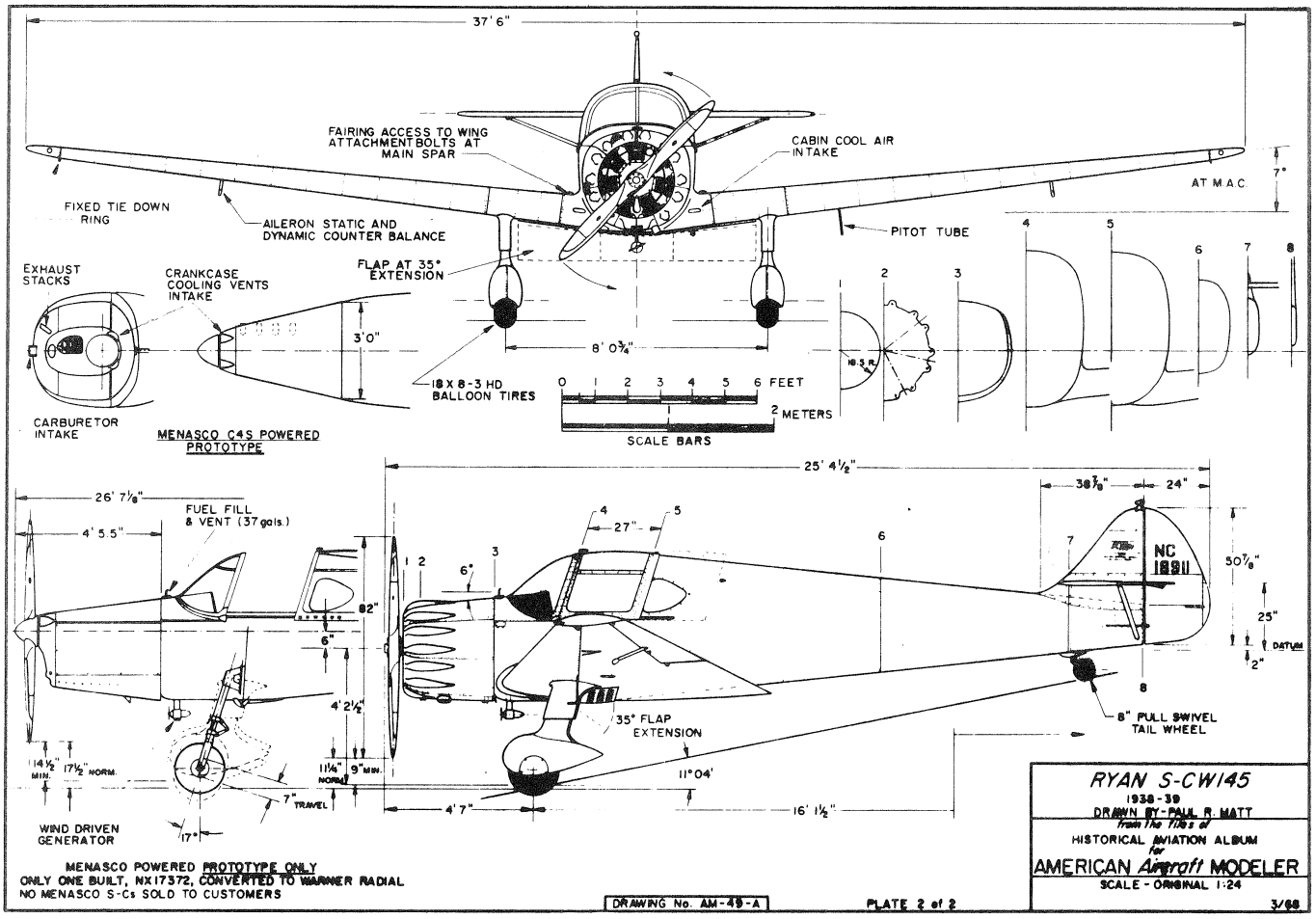

GENERAL SPECIFICATIONS SC-145W, ATC 658
WEIGHT EMPTY 1395 lbs.
USEFUL LOAD 755 lbs (PAYLOAD 390 lbs., 3 PASSENGERS & 60 lbs. BAGGAGE)
GROSS WEIGHT 2150 lbs.
MAXIMUM SPEED 140 m.p.h.
CRUISING SPEED, 75% POWER 122/130 m.p.h.
STALLING SPEED 53 m.p.h.
LANDING SPEED 45 m.p.h., WITH OR WITHOUT FLAPS
RATE OF CLIMB, INITIAL 650 ft./min.
SERVICE CEILING 15,000 feet
ABSOLUTE CEILING 18,000 feet
FUEL CAPACITY 37 gals.
OIL CAPACITY 3 gals.
FUEL CONSUMPTION 10 gals./hr
CRUISING RANGE, 75% POWER 450 miles
WING LOADING 10.64 lbs./sq. ft.
POWER LOADING 14.83 lbs./h.p.
POWER - 7 cylinder aircooled WARNER SUPER SCARAB 145 h.p. at 2050 r.p.m.
11' 0"
18½"
8.5"
8"
24⅞"
CABIN WARM AIR INTAKE SCOOP, TO RYAN MUFFLER HEATER
LANDING FLAP, AIRFOIL IN CROSS SECTION, CONTOURED TO FIT BELLY OF PLANE, MANUALLY OPERATED
COWL LATCHES
GRIMES RETRACTABLE LANDING LIGHT
ZIPPER INSPECTION FLAP
ENTRANCE HAND GRIP
0 1 2 3 4 5 6 feet
2 meters
SCALE BARS
ANTI CHAFFING RUBBER SEALING STRIPS
ALL OUTER RIBS TO ON CNTR.
13" 11" 9" 8"
8' 7¼"
13.24"
5.23"
99.03"
26"
1.78"
19.73"
23.73"
13"
NC18911
ALUMINUM LEADING EDGE, TIPS & ROOT FAIRING, FABRIC COVERED AFT
26"
-3° WASHOUT AT TIP
99.03"
+1½°
AIRFOIL NACA 23012
CARBURETOR INTAKE SCOOP
82" DIA. HARTZELL WOOD PROPELLER STANDARD EQUIPMENT
DRAWING No. AM-49-A
PLATE 1 of 2
RYAN S-CW145
1938-39
DRAWN BY - PAUL R. MATT
from the files of
HISTORICAL AVIATION ALBUM
for
AMERICAN Aircraft MODELER
SCALE - ORIGINAL 1:24
3/68


37' 6"
FAIRING ACCESS TO WING ATTACHMENT BOLTS AT MAIN SPAR
CABIN COOL AIR INTAKE
7°
AT M.A.C.
FIXED TIE DOWN RING
AILERON STATIC AND DYNAMIC COUNTER BALANCE
PITOT TUBE
EXHAUST STACKS
CRANKCASE COOLING VENTS INTAKE
FLAP AT 35° EXTENSION
3' 0"
8' 0¾"
18 X 8-3 HD BALLOON TIRES
0 1 2 3 4 5 6 FEET
2 METERS
SCALE BARS
CARBURETOR INTAKE
MENASCO C4S POWERED PROTOTYPE
25' 4½"
26' 7⅛"
4' 5.5"
FUEL FILL & VENT (37 gals.)
27"
6°
82"
6"
4' 2½"
35° FLAP EXTENSION
38⅞"
24"
50⅞"
25"
DATUM
2"
NC 18911
8" PULL SWIVEL TAIL WHEEL
14½" MIN.
17½" NORM.
11¼" NORM.
9" MIN.
7" TRAVEL
11°04'
4' 7"
16' 1½"
WIND DRIVEN GENERATOR
17°
MENASCO POWERED PROTOTYPE ONLY
ONLY ONE BUILT, NX17372, CONVERTED TO WARNER RADIAL
NO MENASCO S-Cs SOLD TO CUSTOMERS
DRAWING No. AM-49-A
PLATE 2 of 2
RYAN S-CW145
1938-39
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