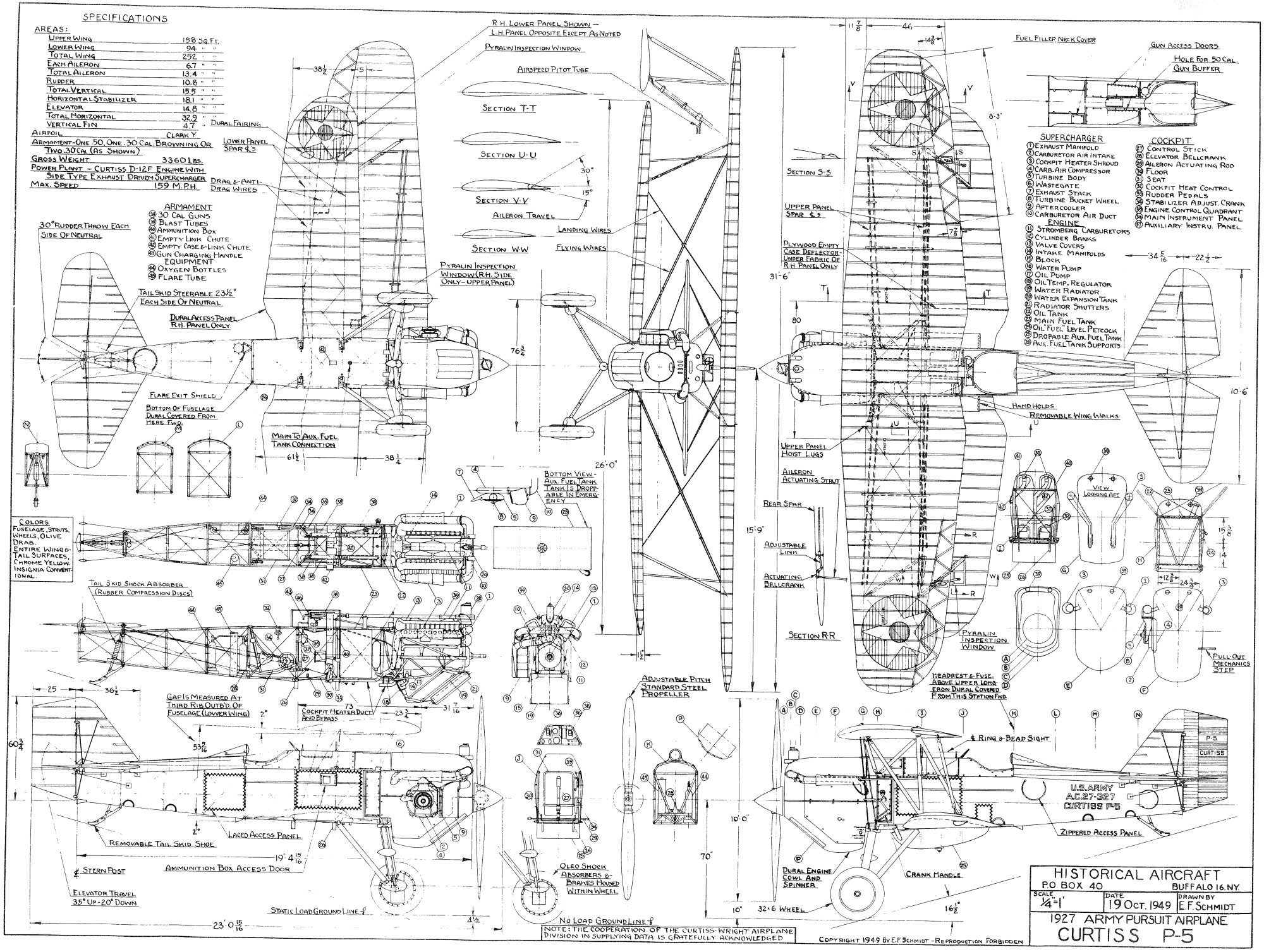
SPECIFICATIONS
AREAS:
UPPER WING 158 SQ. FT.
LOWER WING 94 " "
TOTAL WING 252 " "
EACH AILERON 6.7 " "
TOTAL AILERON 13.4 " "
RUDDER 10.8 " "
TOTAL VERTICAL 15.5 " "
HORIZONTAL STABILIZER 18.1 " "
ELEVATOR 14.8 " "
TOTAL HORIZONTAL 32.9 " "
VERTICAL FIN 4.7 " "
AIRFOIL CLARK Y
ARMAMENT-ONE 50. ONE .30 CAL. BROWNING OR TWO .30 CAL (AS SHOWN)
GROSS WEIGHT 3360 LBS.
POWER PLANT - CURTISS D-12F ENGINE WITH SIDE TYPE EXHAUST DRIVEN SUPERCHARGER
MAX. SPEED 159 M.P.H.
ARMAMENT
38 30 CAL GUNS
39 BLAST TUBES
40 AMMUNITION BOX
41 EMPTY LINK CHUTE
42 EMPTY CASE & LINK CHUTE
43 GUN CHARGING HANDLE
EQUIPMENT
44 OXYGEN BOTTLES
45 FLARE TUBE
R.H. LOWER PANEL SHOWN - L.H. PANEL OPPOSITE EXCEPT AS NOTED
PYRALIN INSPECTION WINDOW
AIRSPEED PITOT TUBE
SECTION T-T
SECTION U-U
SECTION V-V
AILERON TRAVEL
SECTION W-W
LANDING WIRES
FLYING WIRES
DURAL FAIRING
LOWER PANEL SPAR & S
DRAG & ANTI-DRAG WIRES
30° RUDDER THROW EACH SIDE OF NEUTRAL
TAIL SKID STEERABLE 23½° EACH SIDE OF NEUTRAL
DURAL ACCESS PANEL R.H. PANEL ONLY
PYRALIN INSPECTION WINDOW (R.H. SIDE ONLY - UPPER PANEL)
FLARE EXIT SHIELD
BOTTOM OF FUSELAGE DURAL COVERED FROM HERE FWD.
MAIN TO AUX. FUEL TANK CONNECTION
BOTTOM VIEW - AUX. FUEL TANK TANK IS DROPPABLE IN EMERGENCY
COLORS
FUSELAGE, STRUTS, WHEELS, OLIVE DRAB.
ENTIRE WING & TAIL SURFACES, CHROME YELLOW.
INSIGNIA CONVENTIONAL.
TAIL SKID SHOCK ABSORBER (RUBBER COMPRESSION DISCS)
GAP IS MEASURED AT THIRD RIB OUT'D. OF FUSELAGE (LOWER WING)
COCKPIT HEATER DUCT AND BYPASS
REMOVABLE TAIL SKID SHOE
LACED ACCESS PANEL
AMMUNITION BOX ACCESS DOOR
℄ STERN POST
ELEVATOR TRAVEL 35° UP - 20° DOWN
STATIC LOAD GROUND LINE ℄
NO LOAD GROUND LINE ℄
OLEO SHOCK ABSORBERS & BRAKES HOUSED WITHIN WHEEL
ADJUSTABLE PITCH STANDARD STEEL PROPELLER
SECTION 5-5
UPPER PANEL SPAR & S
PLYWOOD EMPTY CASE DEFLECTOR - UNDER FABRIC OF R.H. PANEL ONLY
UPPER PANEL HOIST LUGS
AILERON ACTUATING STRUT
REAR SPAR
ADJUSTABLE LINK
ACTUATING BELLCRANK
SECTION R-R
PYRALIN INSPECTION WINDOW
HEADREST & FUSE. ABOVE UPPER LONG. ERON DURAL COVERED FROM THIS STATION FWD.
DURAL ENGINE COWL AND SPINNER
CRANK HANDLE
32·6 WHEEL
℄ RING & BEAD SIGHT
ZIPPERED ACCESS PANEL
FUEL FILLER NECK COVER
GUN ACCESS DOORS
HOLE FOR 50 CAL. GUN BUFFER
SUPERCHARGER
1 EXHAUST MANIFOLD
2 CARBURETOR AIR INTAKE
3 COCKPIT HEATER SHROUD
4 CARB. AIR COMPRESSOR
5 TURBINE BODY
6 WASTEGATE
7 EXHAUST STACK
8 TURBINE BUCKET WHEEL
9 AFTERCOOLER
10 CARBURETOR AIR DUCT
ENGINE
11 STROMBERG CARBURETORS
12 CYLINDER BANKS
13 VALVE COVERS
14 INTAKE MANIFOLDS
15 BLOCK
16 WATER PUMP
17 OIL PUMP
18 OIL TEMP. REGULATOR
19 WATER RADIATOR
20 WATER EXPANSION TANK
21 RADIATOR SHUTTERS
22 OIL TANK
23 MAIN FUEL TANK
24 OIL FUEL LEVEL PETCOCK
25 DROPPABLE AUX. FUEL TANK
26 AUX. FUEL TANK SUPPORTS
COCKPIT
27 CONTROL STICK
28 ELEVATOR BELLCRANK
29 AILERON ACTUATING ROD
30 FLOOR
31 SEAT
32 COCKPIT HEAT CONTROL
33 RUDDER PEDALS
34 STABILIZER ADJUST. CRANK
35 ENGINE CONTROL QUADRANT
36 MAIN INSTRUMENT PANEL
37 AUXILIARY INSTRU. PANEL
VIEW LOOKING AFT
PULL OUT MECHANICS STEP
U.S. ARMY AC 27-327 CURTISS P-5
P-5 CURTISS
HISTORICAL AIRCRAFT
P.O. BOX 40 BUFFALO 16, N.Y.
SCALE ¼"=1'
DATE 19 OCT. 1949
DRAWN BY E.F. SCHMIDT
1927 ARMY PURSUIT AIRPLANE
CURTISS P-5
NOTE: THE COOPERATION OF THE CURTISS-WRIGHT AIRPLANE DIVISION IN SUPPLYING DATA IS GRATEFULLY ACKNOWLEDGED
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