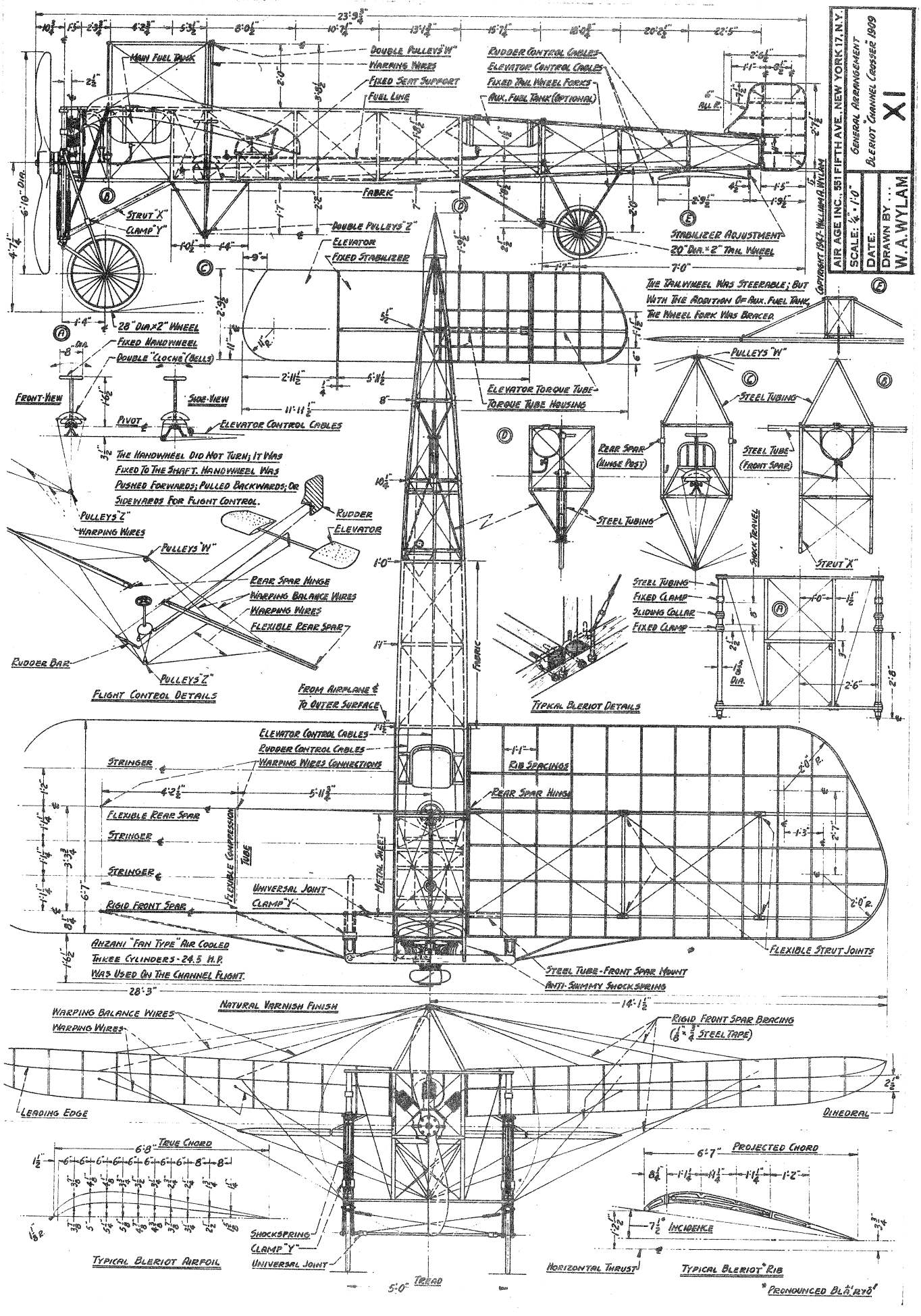
AIR AGE INC., 551 FIFTH AVE., NEW YORK 17, N.Y.
SCALE: 1/4" = 1'-0"
DATE:
DRAWN BY ... W. A. WYLAM
GENERAL ARRANGEMENT
BLERIOT "CHANNEL CROSSER" 1909
XI
COPYRIGHT 1947 WILLIAM A. WYLAM
MAIN FUEL TANK
DOUBLE PULLEYS "W"
WARPING WIRES
FIXED SEAT SUPPORT
FUEL LINE
RUDDER CONTROL CABLES
ELEVATOR CONTROL CABLES
FIXED TAIL WHEEL FORKS
AUX. FUEL TANK (OPTIONAL)
FABRIC
STRUT "X"
CLAMP "Y"
DOUBLE PULLEYS "Z"
ELEVATOR
FIXED STABILIZER
STABILIZER ADJUSTMENT
20" DIA. × 2" TAIL WHEEL
THE TAILWHEEL WAS STEERABLE; BUT WITH THE ADDITION OF AUX. FUEL TANK, THE WHEEL FORK WAS BRACED
28" DIA. × 2" WHEEL
FIXED HANDWHEEL
DOUBLE "CLOCHE" (BELLS)
FRONT VIEW
SIDE VIEW
PIVOT
ELEVATOR CONTROL CABLES
ELEVATOR TORQUE TUBE
TORQUE TUBE HOUSING
THE HANDWHEEL DID NOT TURN; IT WAS FIXED TO THE SHAFT. HANDWHEEL WAS PUSHED FORWARDS; PULLED BACKWARDS; OR SIDEWARDS FOR FLIGHT CONTROL.
PULLEYS "Z"
WARPING WIRES
PULLEYS "W"
RUDDER
ELEVATOR
REAR SPAR HINGE
WARPING BALANCE WIRES
WARPING WIRES
FLEXIBLE REAR SPAR
RUDDER BAR
PULLEYS "Z"
FLIGHT CONTROL DETAILS
PULLEYS "W"
STEEL TUBING
REAR SPAR (HINGE POST)
STEEL TUBE (FRONT SPAR)
STEEL TUBING
SHOCK TRAVEL
STRUT "X"
STEEL TUBING
FIXED CLAMP
SLIDING COLLAR
FIXED CLAMP
TYPICAL BLERIOT DETAILS
FROM AIRPLANE ℄ TO OUTER SURFACE
ELEVATOR CONTROL CABLES
RUDDER CONTROL CABLES
WARPING WIRES CONNECTIONS
STRINGER
RIB SPACINGS
REAR SPAR HINGE
FLEXIBLE REAR SPAR
STRINGER
STRINGER
RIGID FRONT SPAR
FLEXIBLE COMPRESSION TUBE
METAL SHEET
UNIVERSAL JOINT
CLAMP "Y"
ANZANI "FAN TYPE" AIR COOLED THREE CYLINDERS - 24.5 H.P. WAS USED ON THE CHANNEL FLIGHT.
FLEXIBLE STRUT JOINTS
STEEL TUBE - FRONT SPAR MOUNT
ANTI-SHIMMY SHOCK SPRING
NATURAL VARNISH FINISH
WARPING BALANCE WIRES
WARPING WIRES
RIGID FRONT SPAR BRACING (1/8" × 3/4" STEEL TAPE)
LEADING EDGE
DIHEDRAL
TRUE CHORD
TYPICAL BLERIOT AIRFOIL
PROJECTED CHORD
INCIDENCE
SHOCKSPRING
CLAMP "Y"
UNIVERSAL JOINT
HORIZONTAL THRUST
TYPICAL BLERIOT* RIB
TREAD
* PRONOUNCED BLÄ'RYO'