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LONE MOSQUITO
painting by Frank Wootton

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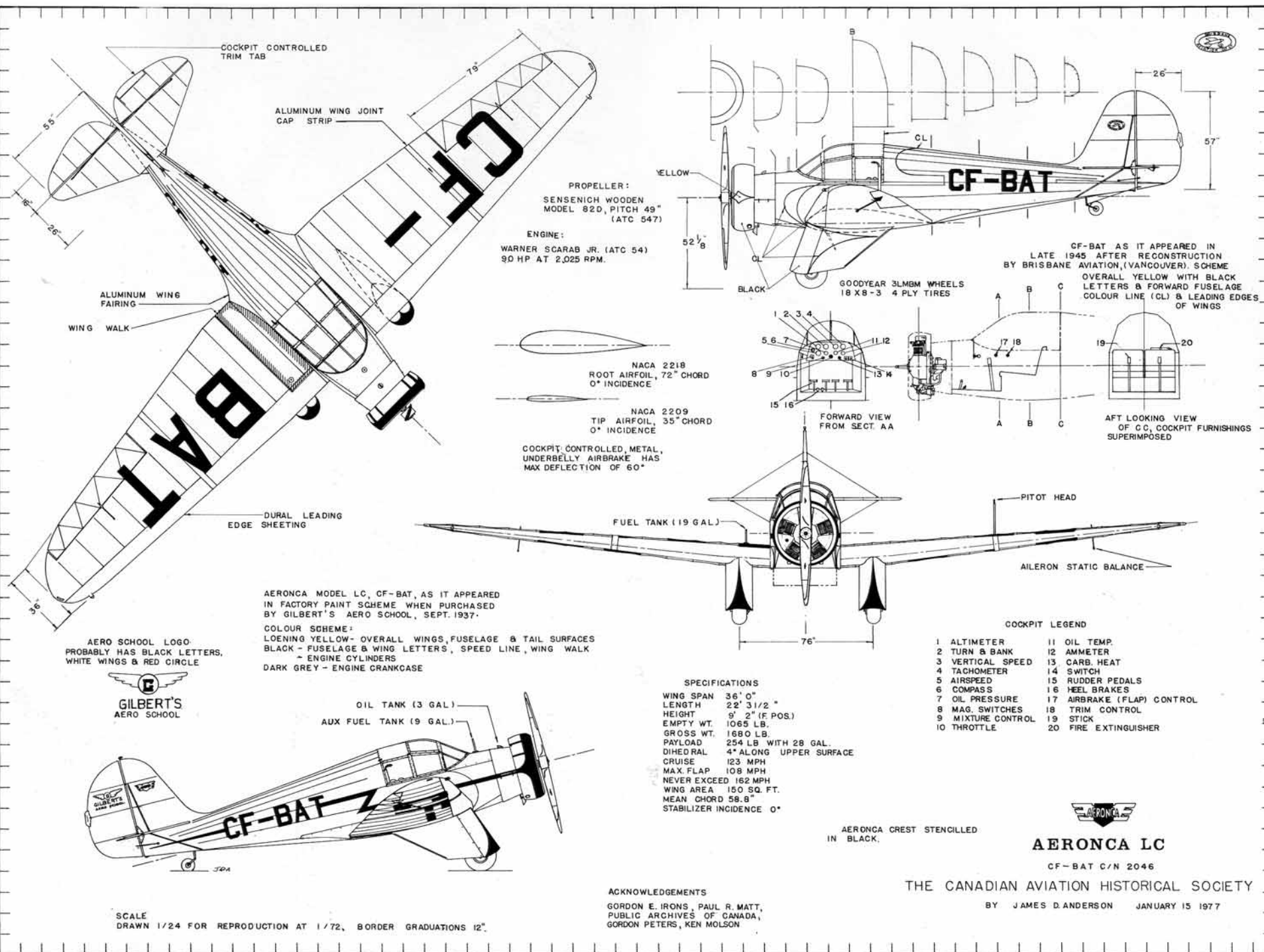
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PROPELLER:
 SENSENICH WOODEN
 MODEL 82D, PITCH 49"
 (ATC 547)

ENGINE:
 WARNER SCARAB JR. (ATC 54)
 90 HP AT 2,025 RPM.

CF-BAT AS IT APPEARED IN
 LATE 1945 AFTER RECONSTRUCTION
 BY BRISBANE AVIATION, (VANCOUVER). SCHEME
 OVERALL YELLOW WITH BLACK
 LETTERS & FORWARD FUSELAGE
 COLOUR LINE (CL) & LEADING EDGES
 OF WINGS

NACA 2218
 ROOT AIRFOIL, 72" CHORD
 0° INCIDENCE

NACA 2209
 TIP AIRFOIL, 35" CHORD
 0° INCIDENCE

COCKPIT CONTROLLED, METAL,
 UNDERBELLY AIRBRAKE HAS
 MAX DEFLECTION OF 60°

AERONCA MODEL LC, CF-BAT, AS IT APPEARED
 IN FACTORY PAINT SCHEME WHEN PURCHASED
 BY GILBERT'S AERO SCHOOL, SEPT. 1937.
 COLOUR SCHEME:
 LOENING YELLOW - OVERALL WINGS, FUSELAGE & TAIL SURFACES
 BLACK - FUSELAGE & WING LETTERS, SPEED LINE, WING WALK
 - ENGINE CYLINDERS
 DARK GREY - ENGINE CRANKCASE

AERO SCHOOL LOGO
 PROBABLY HAS BLACK LETTERS,
 WHITE WINGS & RED CIRCLE



SPECIFICATIONS
 WING SPAN 36' 0"
 LENGTH 22' 3 1/2"
 HEIGHT 9' 2" (F POS.)
 EMPTY WT. 1065 LB.
 GROSS WT. 1680 LB.
 PAYLOAD 254 LB WITH 28 GAL.
 DIHEDRAL 4° ALONG UPPER SURFACE
 CRUISE 123 MPH
 MAX. FLAP 108 MPH
 NEVER EXCEED 162 MPH
 WING AREA 150 SQ. FT.
 MEAN CHORD 58.8"
 STABILIZER INCIDENCE 0°

- COCKPIT LEGEND
- | | |
|-------------------|----------------------------|
| 1 ALTIMETER | 11 OIL TEMP. |
| 2 TURN & BANK | 12 AMMETER |
| 3 VERTICAL SPEED | 13 CARB. HEAT |
| 4 TACHOMETER | 14 SWITCH |
| 5 AIRSPEED | 15 RUDDER PEDALS |
| 6 COMPASS | 16 HEEL BRAKES |
| 7 OIL PRESSURE | 17 AIRBRAKE (FLAP) CONTROL |
| 8 MAG. SWITCHES | 18 TRIM CONTROL |
| 9 MIXTURE CONTROL | 19 STICK |
| 10 THROTTLE | 20 FIRE EXTINGUISHER |

AERONCA CREST STENCILLED
 IN BLACK.

AERONCA LC

CF-BAT C/N 2046

THE CANADIAN AVIATION HISTORICAL SOCIETY

BY JAMES D. ANDERSON JANUARY 15 1977

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