

GENERAL SPECIFICATIONS.

WEIGHT EMPTY 1820 lbs.
 USEFUL LOAD 700 lbs.
 GROSS WEIGHT 2520 lbs.
 WING AREA (incl ailerons) 184.14 sq ft.
 TOP SPEED 124 m.p.h.
 CRUISING SPEED 106/116 m.p.h.
 TAKEOFF SPEED 60 m.p.h.
 LANDING SPEED 70 m.p.h.
 CLIMB SPEED, IDEAL 80 m.p.h.
 CLIMB, INITIAL, S.L. 700 ft./min.
 SERVICE CEILING 12,000 feet
 RANGE AT CRUISE 265/350 miles
 FUEL CAPACITY, NORMAL 45 gals., 73 Octane
 OIL CAPACITY 4.1 gals.

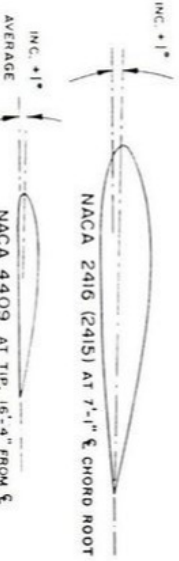
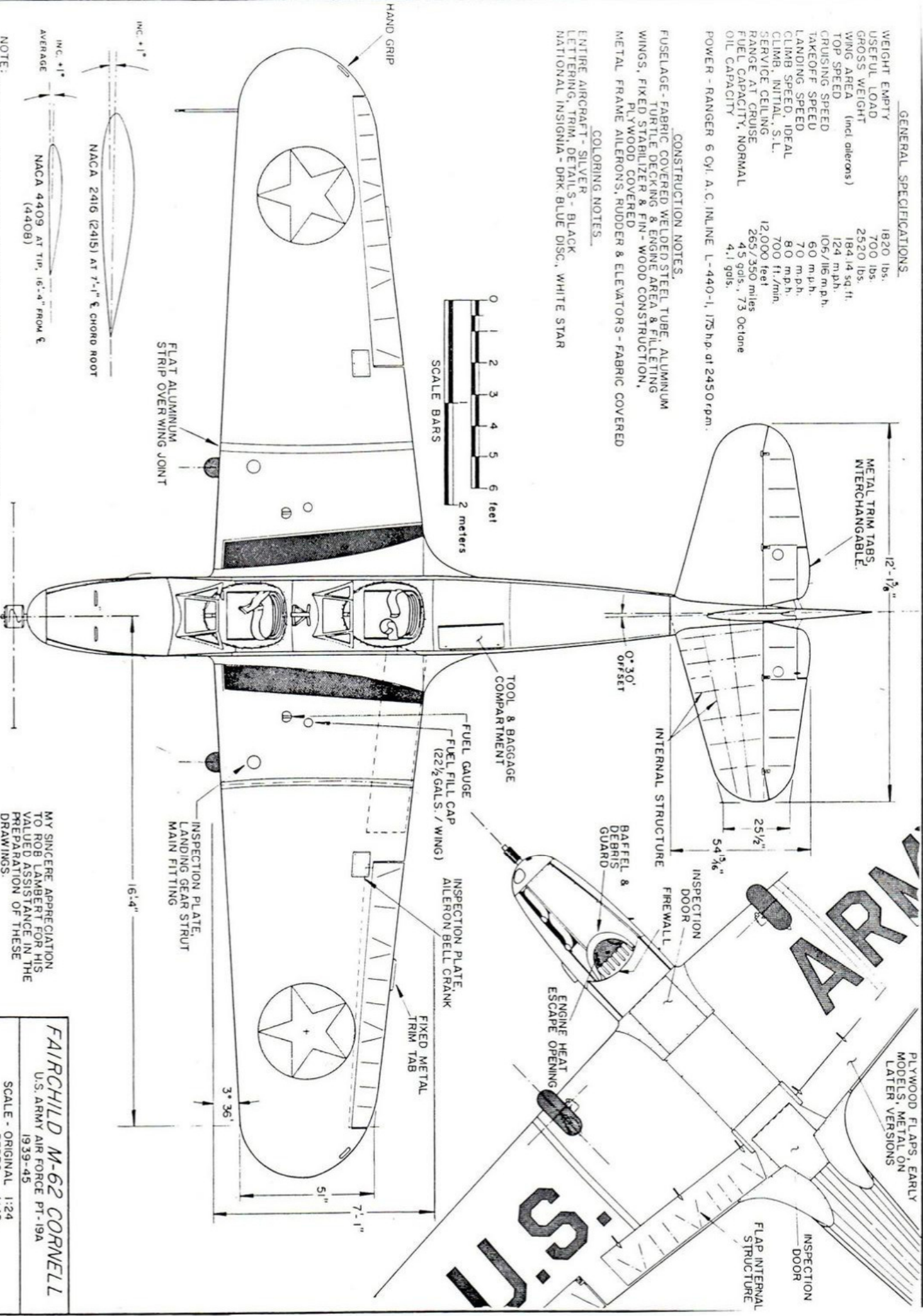
POWER - RANGER 6 Cyl. A.C. INLINE L-440-1, 175 hp at 2450 rpm.

CONSTRUCTION NOTES.

FUSELAGE - FABRIC COVERED WELDED STEEL TUBE, ALUMINUM
 TURTLE DECKING & ENGINE AREA & FILETTING
 WINGS, FIXED STABILIZER & FIN - WOOD CONSTRUCTION,
 PLYWOOD COVERED
 METAL FRAME ALLECONS, RUDDER & ELEVATORS - FABRIC COVERED

COLORING NOTES.

ENTIRE AIRCRAFT - SILVER
 LETTERING, TRIM, DETAILS - BLACK
 NATIONAL INSIGNIA - DRK. BLUE DISC, WHITE STAR



NOTE:
 NEITHER NACA 2416 OR 4409 ARE NORMALLY LISTED IN TECH REPORTS
 BOTH ARE ACQUIRED BY PERCENTAGE REDUCTIONS OF FOUR DIGIT NOMENCLATURE
 AND ARRIVED AT BY STRAIGHT INTERPOLATION BETWEEN MEAN LINES.

MY SINCERE APPRECIATION
 TO ROB LAMBERT FOR HIS
 VALUED ASSISTANCE IN THE
 PREPARATION OF THESE
 DRAWINGS.

FAIRCHILD M-62 CORNELL
 U.S. ARMY AIR FORCE PT-19A
 1939-45

SCALE - ORIGINAL 1:24
 REPRO. 1:48
 DRAWN BY: PAUL R. MATT
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