



CONVENTIONAL UNBALANCED AILERON.

METAL TRIM "FLAG" FOR TORQUE ACTION EXPERIMENTS.
 FABRIC COVERED ROUNDED RUDDER USED ON THE 7D-7.
 CURVED VENEER FIN USED ON 7D-7.

THIS ELEVATION PRESENTS THE ONLY APPRECIABLE DIFFERENCES OF THE RUMPELER TYPE 7D-7 (FACTORY DESIGNATION) TO THE 8D-1 WHICH FOLLOWED: THE ROUNDED VERTICAL FIN & RUDDER, AND ABSENCE OF THE AERODYNAMICALLY COUNTERBALANCED AILERONS & EARLIER TYPE INSIGNAL.

PLAIN OUTLINE OF CURVED LOWER WING.
 STREAMLINED STEEL TIE-ROD BRACING.
 PILOT'S METAL BUCKET-TYPE SEAT.
 RECTANGULAR LEATHER-LINED COCKPIT.

THE GERMAN WORLD WAR I RUMPELER TYPE RU.D-1 WAS A VERY ACCEPTABLE PURSUIT VERSION WHICH HAD STEMMED FROM A CONSIDERABLY LONG LINE OF SIMILAR EXPERIMENTAL MODELS, SPECIFICALLY FROM THE 7D-1 TO THE 7D-7. FROM THE 8D-1, OF WHICH THERE WERE STILL DIFFERENCES, SPRANG THE WEAPON THE GERMAN AIR SERVICE ACCEPTED AND DELIGHTED AT THE RU.D-1. SHOWN HERE ARE THE 7D & 8D MODELS WITH THE LEAST DIFFERENCES IN DESIGN. NOTWORTHY THE 7D-7 COOLANT RADIATOR WAS CENTRALLY CONTAINED IN THE MAINWING CENTER SECTION. OVERALL DIMENSIONS OF BOTH 7D-7 & 8D-1: UPPER WING SPAN - 27'-3"; LOWER, 28'-6"; LENGTH - 18'-9"; 19'-7"; HEIGHT - 8'-4"; POWER PLANT: MERCEDES-DOMLER 150HP.

ANGULAR TYPE RUDDER OF THE 8D-1.
 TRIANGULAR FIN COVERED WITH VENEER.
 8D-1 AILERON APPROXIMATELY BALANCED.

VENEERED STABILIZER.
 ACCESS TO TAIL SKID.
 STEEL-SHOOD SKID.

FABRIC COVERED FUSELAGE MIDSECTION.

STITCHED ACCESS.

VENTILATION PORTS.
 COOLANT RADIATOR (2EA).

AIR AGE INC. 551 FIFTH AVE. NEW YORK, N.Y.
 THIS SCALE: 1" = 1'-11"
 GENERAL ARRANGEMENTS.
 FULL SCALE: 1" = 1'-11"
 GERMAN RUMPELER PURSUIT.

DRAWN BY:
 J. S. G. P.
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RU.D-1.

TYP. 7D-7

TYP. 8D-1

FABRIC COVERED WINGS. LEADING EDGE COVERED WITH PLY VENEERING.
 ARMAMENT: TWIN SPANDAU 8MM. SYNCHRONIZED MACHINE GUNS.
 PROW-SHAPED CONYL PRACTICALLY ENCLOSED & STREAMLINED ENGINE.
 COOLANT SUPPLY LINE FROM RADIATORS AT LOWER WING ROOTS.

RU.D-1 COLOR SCHEME: WINGS & TAIL CONTROL SURFACES WERE LEFT PLAIN DOPED FABRIC UNTIL CAMOUFLAGED TO CONFORM WITH LOCALITY OF OPERATION. FUSELAGE MIDSECTION LEFT LIKEWISE. PLYWOOD VENEERING STAINED MANOGANY & VARNISHED.

WOODEN FAIRING STREAMLINING TIE-ROD ENDS.
 SHORT WOODEN SHAFTS ABSORBING TIE-ROD VIBRATION.
 ONE PIECE CONTINUOUS AXLE MAINTAINED EVEN TREAD.

"AXIAL" LAMINATED WOOD PROPELLER.
 STREAMLINED STEEL BRACING. REAR STRUTS ONLY.
 SPIRAL STEEL SPRING SHOCKS, LEATHER ENCASED.

TRACK 5'5"

