

INSTRUMENT COMPONENTS

ENGINE CYLINDER HEAD TEMPERATURE (1)
INDICATOR

ENGINE IGNITION SWITCH.(2)
CLOCK.(3)

WINDSHIELD DEFROSTER CONTROL.(4)
PROPELLER GOVERNOR CONTROL.(5)
PROPELLER SELECTOR SWITCH AND
CIRCUIT BREAKER.(6)

REFLECTOR TYPE GUNLIGHT AND RHEO-
STAT CONTROL.(7)

CARBURETOR AIR CONTROL.(8)

FUEL QUANTITY WARNING LIGHT.(9)
FUEL QUANTITY INDICATOR.(10)

EMERGENCY FUEL PUMP SWITCH.(11)
OIL TEMPERATURE GALT METER.(12)

DIRECTIONAL GYRO INDICATOR.(13)
AIRSPEED INDICATOR.(14)

TURN AND BANK INDICATOR.(15)
RATE OF CLIMB INDICATOR.(16)

GYRO HORIZON.(17)

ENGINE MANIFOLD PRESSURE INDICATOR(18)
ENGINE TACHOMETER.(19)

OXYGEN FLOW INDICATOR.(20)

ENGINE OIL DILUTION INDICATOR.(21)

ENGINE GAUGE.(22)(MANIFOLD PRESSURE)

ENGINE COOL FLAP CONTROL CRANK.(23)

RUDDER PEDAL ADJUSTMENT LEVERS.(24)
RUDDER PEDALS.(28)

NAVIGATION CONTROL BOARD.(26)

JOYSTICK.(27)

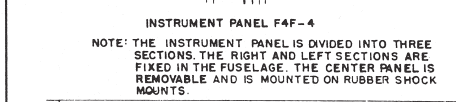
COMPASS.(28)

COCKPIT AIR INTAKE CONTROL.(29)

ENGINE ACCESSORIES.
ENGINE MAGNETO (12)
ENGINE ELECTRICAL JUNCTION BOX (12)
CARTRIDGE TYPE ENGINE STARTER.
ENGINE OIL PUMP
FUEL DRAIN VALVE
ENGINE OIL IN AND OUT LINES.
ENGINE COOLER AND COOLING AIR DUCT.
ELECTRICAL GENERATOR DISCONNECT PLUG
EMERGENCY FUEL PUMP
FUEL STRAINER
ENGINE-DRIVEN GENERATOR
STARTER CARTRIDGE STORAGE BOX.
TACHOMETER GENERATOR.
ENGINE OIL DRAIN VALVE.
ENGINE OIL PUMP
ENGINE SUPERCHARGER CONTROL.
PROPELLER GOVERNOR CONTROL BOX.
DEFROSTER TUBE.
ENGINE STARTER EXHAUST TUBE.

WING FLAP OPERATING SYSTEM.
VACUUM TANK.(LOW PRESSURE).
VALVE. SELECTOR TYPE).
AIR CHECK VALVE.
WING FLAP ACTUATING CYLINDERS(2).
AUXILIARY RETURN SPRINGS(2).

FUEL SYSTEM
ENGINE JUNCTION BLOCK
ENGINE-DRIVEN FUEL PUMP
FUEL STRAINER.
DROPPABLE FUEL TANK.
FUEL TANK SELECTOR VALVE.
FUEL SELECTOR VALVE CONTROL.
FUEL CHECK VALVE.



STATICALLY AND DYNAMICALLY
BALANCED AILERON

DETACHABLE
TRAILING EDGE

FABRIC COVERING
FORMATION LIGHT

GROUND ADJUSTABLE BALANCE TAB

TIE CHORD

16 R.S.

97.63 61.40

FS

30.86 20.909

ROOT CHORD

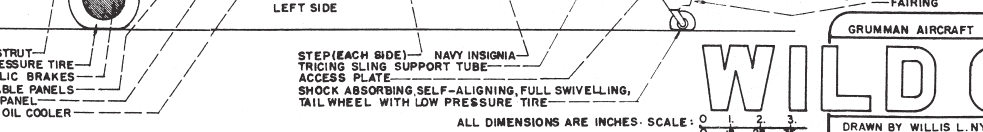
CURTISS TYPE CONSTANT SPEED VARIABLE PITCH
CURTISS TYPE AUTOMATIC ELECTRIC GOVERNOR
ECTOR SWITCH AND R.P.M. IS GOVERNED AND RE
WITHIN OPERATING LIMITS OF THE GOVERNOR.

EXHAUST PORT
INTAKE PIPE
ENGINE SUPPORT RING
DYNAFOCAL MOUNTING L
DYNAFOCAL LINK

DOUBLE MOUNTING BRACKET ASSEMBLY

AMMO ACCESS

LANDING GEAR IS MECHANICALLY RETRACTED INTO THE FUSELAGE BY THE ACTION OF A HANDCRANK OPERATED BY THE PILOT. 28 REVOLUTIONS OF THE HANDCRANK ARE REQUIRED TO RAISE OR LOWER THE LANDING GEAR. THE POSITION OF THE LANDING GEAR IS SHOWN BY AN INDICATOR, LINKED MECHANICALLY TO THE HANDCRANK REDUCTION GEARBOX. THE LANDING GEAR TRUSS STRUCTURE IS OF WELDED STEEL TUBE.



IS POSITIVE 15
ELECTRICAL COMPONENTS
REFLECTOR GUNLIGHT AND RHEOSTAT.
COMPASS.
AMMO ROUNDS COUNTER.
EMERGENCY FUEL PUMP
PROPELLER RELAY
ENGINE IGNITION SWITCH.
RUNNING LIGHTS(3) AND SWITCH.
ARRESTING HOOK.
APPROACH LIGHT AND SWITCH.
TAIL JUNCTION BOX.
RECOGNITION LIGHTS(3) AND SWITCH.
SECTION 1 LIGHTS AND SWITCH.

SETTINGS AND RANGES OF MOVEMENTS OF CONTROL SURFACES	
AILERONS-JOYSTICK IN NEUTRAL	3/8°
UP	38°
DOWN	15°
WING FLAPS: DOWN	43°
ELEVATORS: UP	26°
DOWN	20°
RUDDER: RIGHT/LEFT	31°
TRIM TABS	
ELEVATOR: UP	5°-30°
DOWN	15°-50°
RUDDER: RIGHT	16°-21°
LEFT	22°-28°
AILERON: UP	22°
DOWN	20°
CABLE CONTROLS	
ELEVATORS, RUDDER	
TAIL WHEEL CENTERING	
GUN CHARGERS	
PUSH-PULL TUBE	
AILERONS:	
MECHANICAL LINKAGE	
ENGINE COWL FLAPS	
LANDING	

WILD CAT 
0 1 2 3
 DRAWN BY WILLIS L. NYE FOR MODEL AIRPLANE NEWS 11-3-59