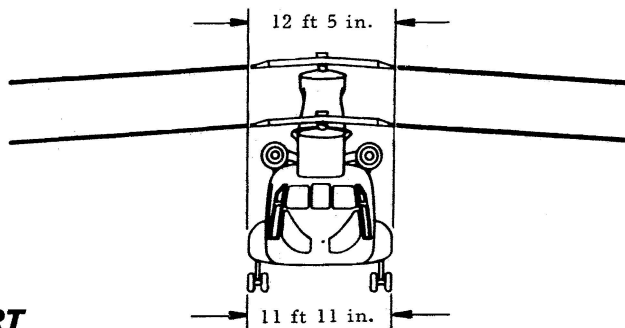
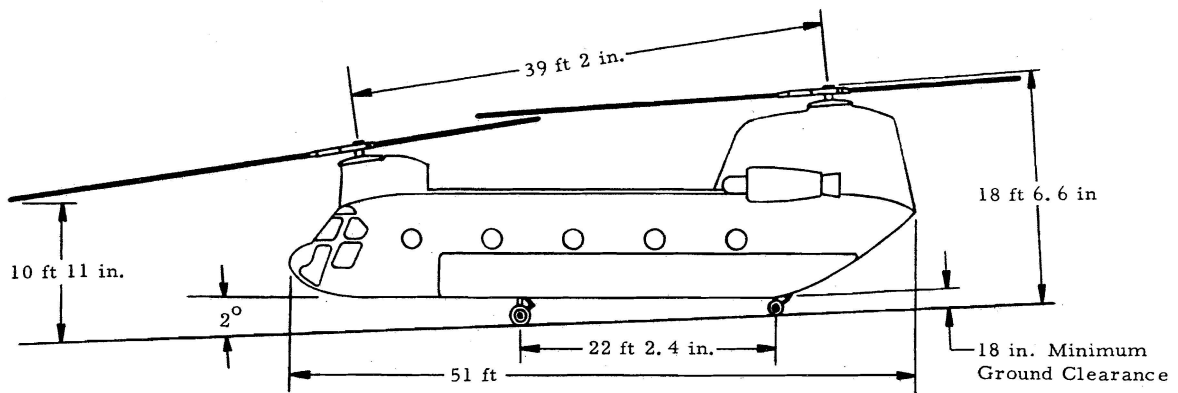
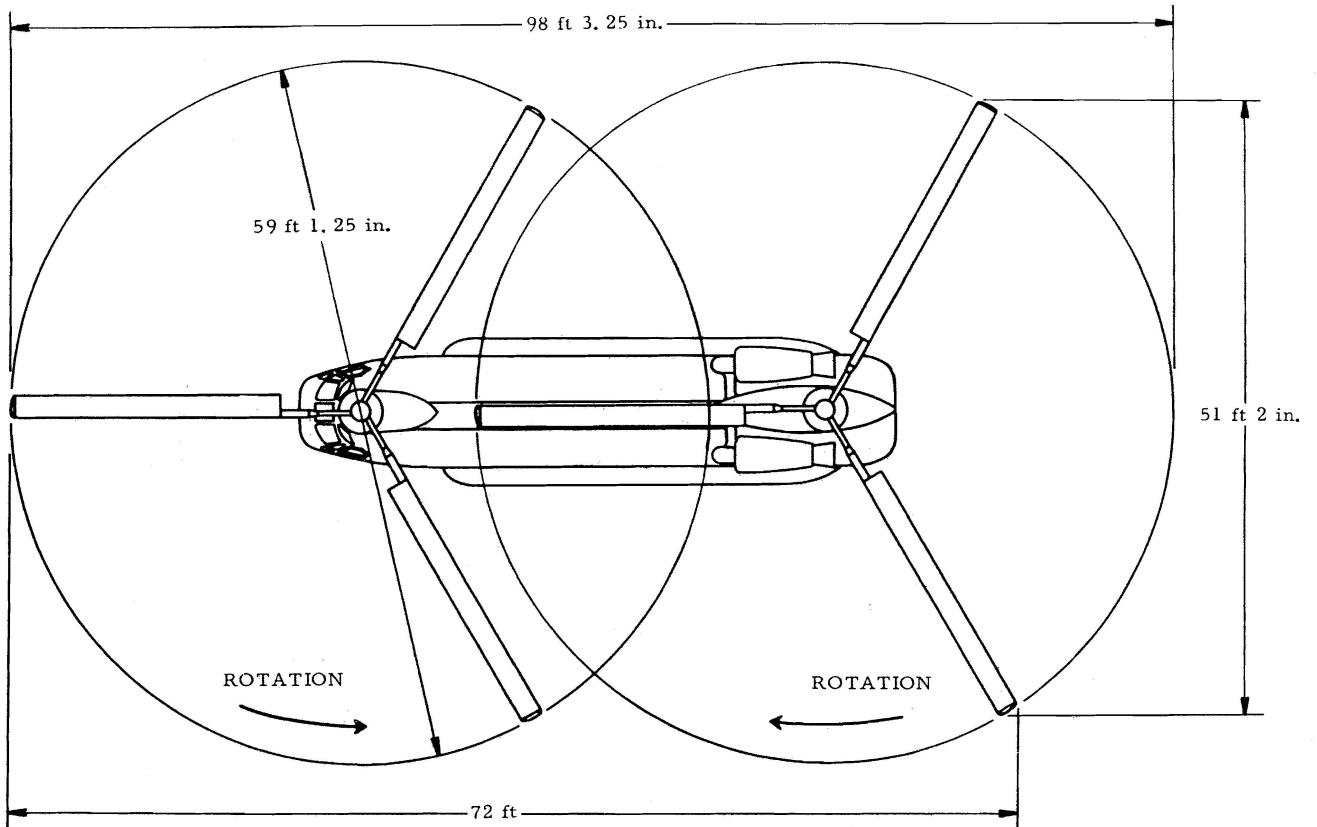
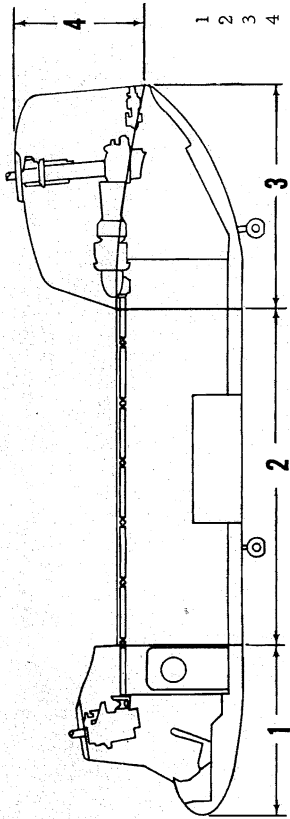


OVERALL DIMENSIONS



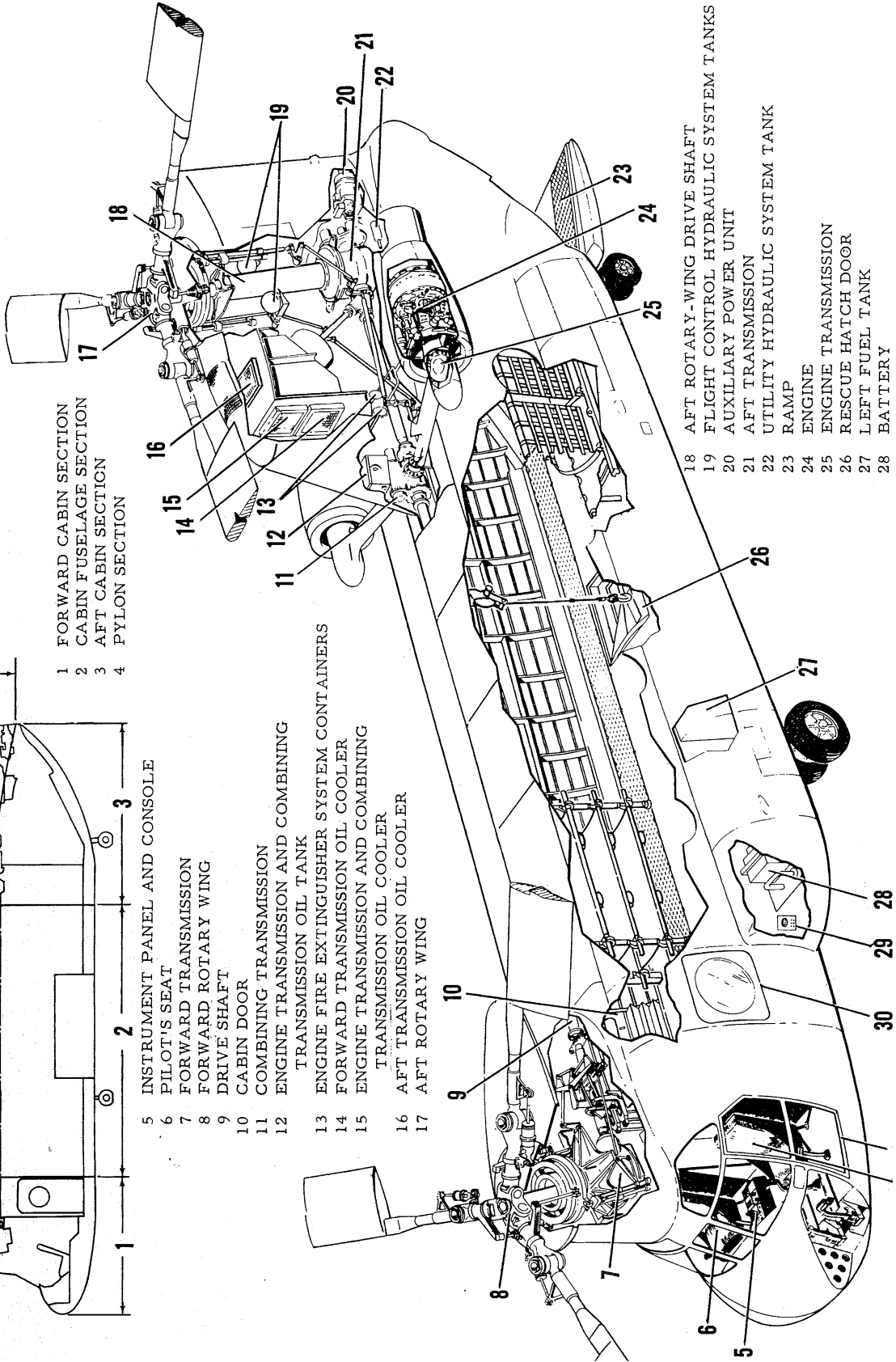
HC-1B TRAINING CHART

GENERAL ARRANGEMENT

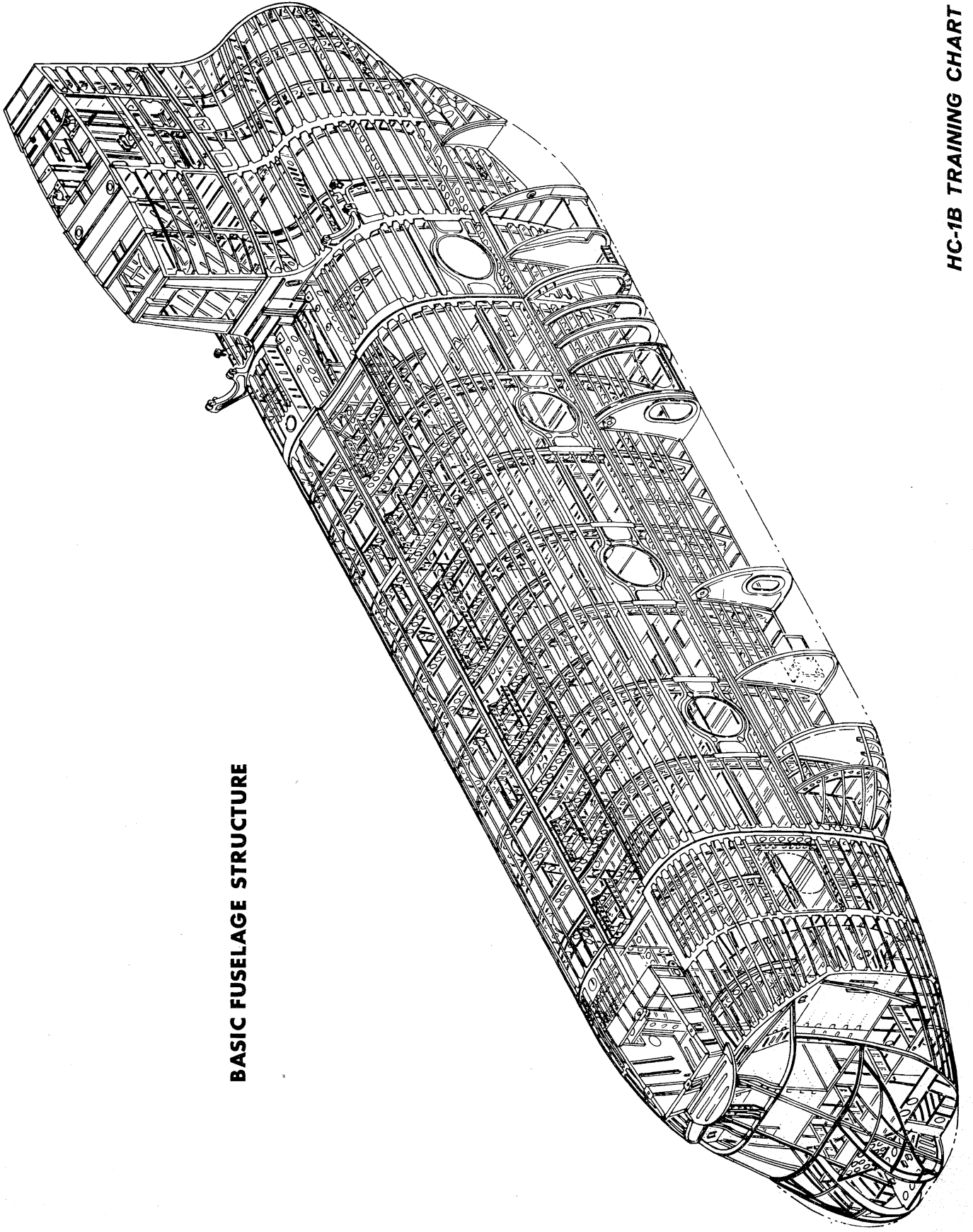


- 1 FORWARD CABIN SECTION
- 2 CABIN FUSELAGE SECTION
- 3 AFT CABIN SECTION
- 4 PYLON SECTION

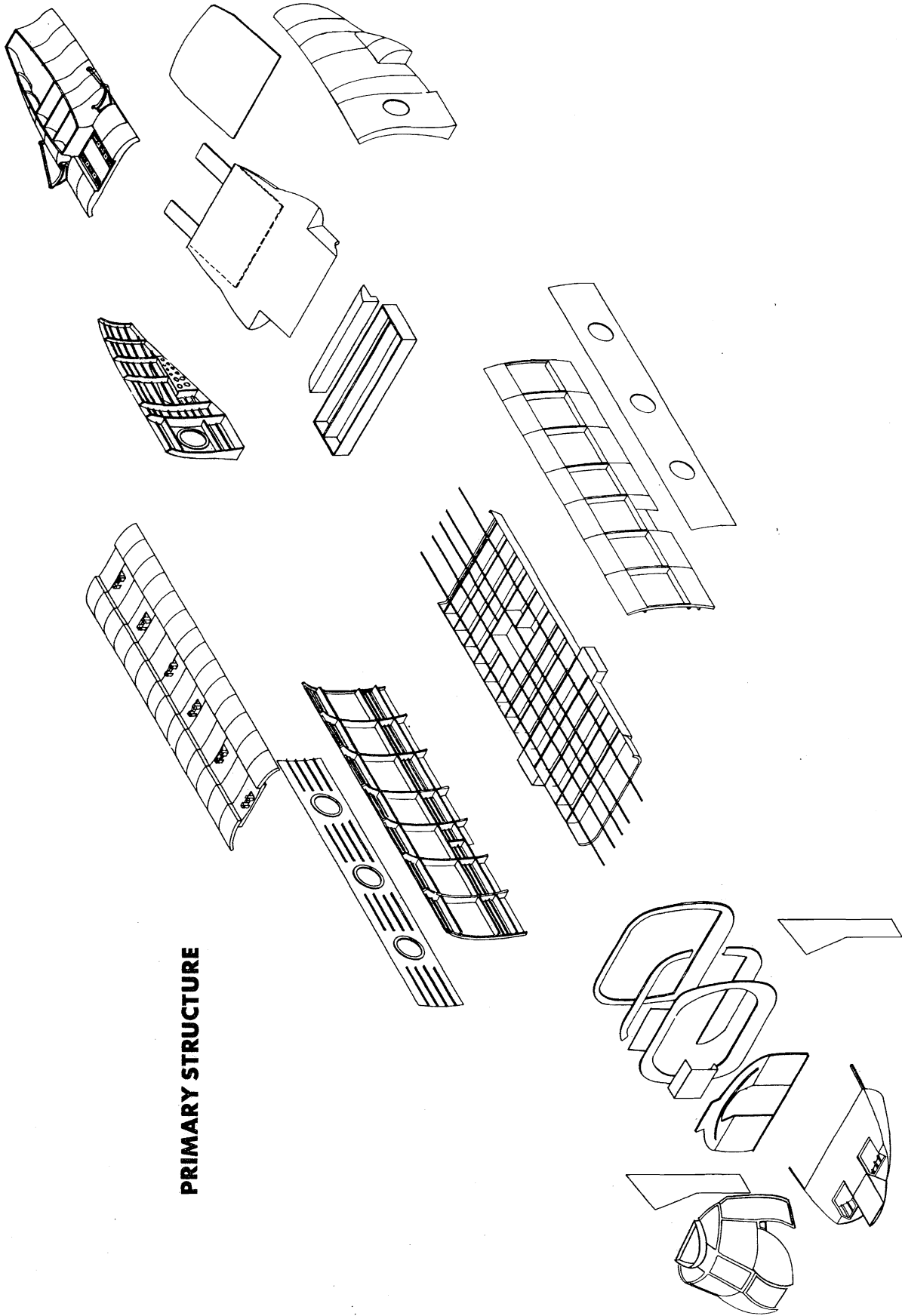
- 5 INSTRUMENT PANEL AND CONSOLE
- 6 PILOT'S SEAT
- 7 FORWARD TRANSMISSION
- 8 FORWARD ROTARY WING DRIVE SHAFT
- 9 CABIN DOOR
- 10 COMBINING TRANSMISSION AND COMBINING TRANSMISSION OIL TANK
- 11 ENGINE TRANSMISSION AND COMBINING TRANSMISSION OIL TANK
- 12 ENGINE TRANSMISSION AND COMBINING TRANSMISSION OIL TANK
- 13 ENGINE FIRE EXTINGUISHER SYSTEM CONTAINERS
- 14 FORWARD TRANSMISSION OIL COOLER
- 15 ENGINE TRANSMISSION AND COMBINING TRANSMISSION OIL COOLER
- 16 AFT TRANSMISSION OIL COOLER
- 17 AFT ROTARY WING



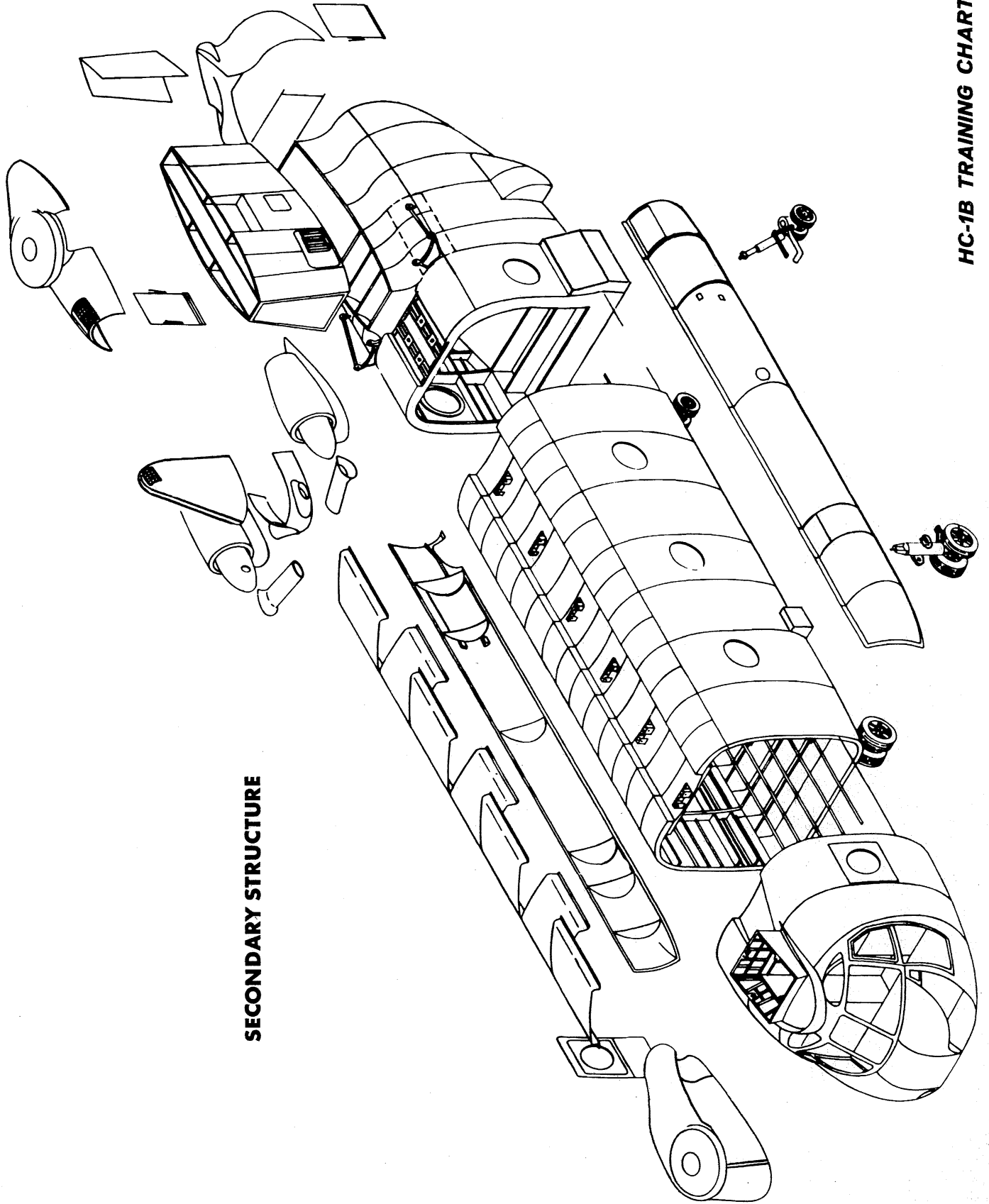
- 18 AFT ROTARY-WING DRIVE SHAFT
- 19 FLIGHT CONTROL HYDRAULIC SYSTEM TANKS
- 20 AUXILIARY POWER UNIT
- 21 AFT TRANSMISSION
- 22 UTILITY HYDRAULIC SYSTEM TANK
- 23 RAMP
- 24 ENGINE
- 25 ENGINE TRANSMISSION
- 26 RESCUE HATCH DOOR
- 27 LEFT FUEL TANK
- 28 BATTERY
- 29 A-C AND D-C EXTERNAL POWER RECEPTACLES
- 30 CABIN ESCAPE HATCH
- 31 JETTISONABLE DOOR
- 32 COPILOT'S SEAT



BASIC FUSELAGE STRUCTURE

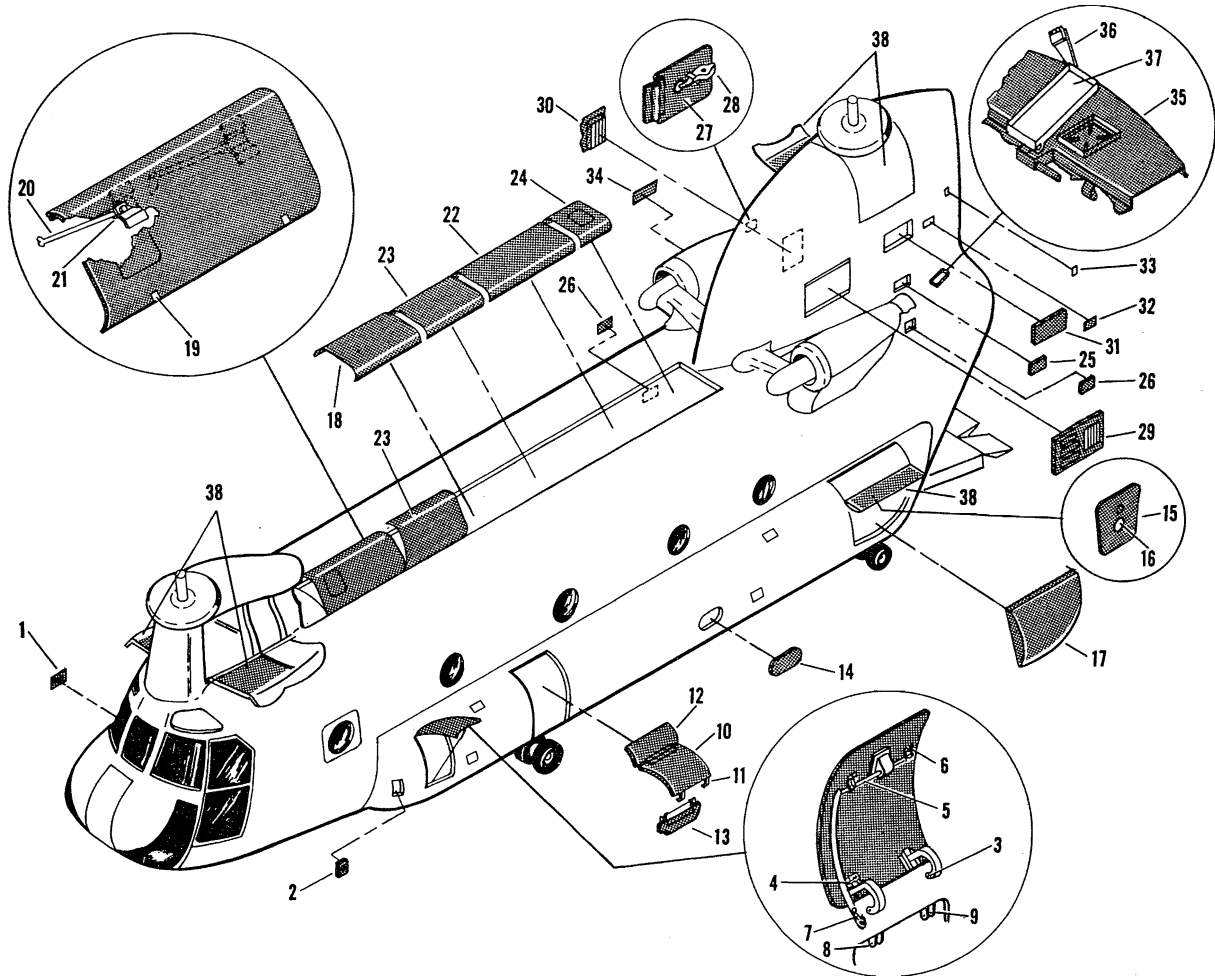


PRIMARY STRUCTURE

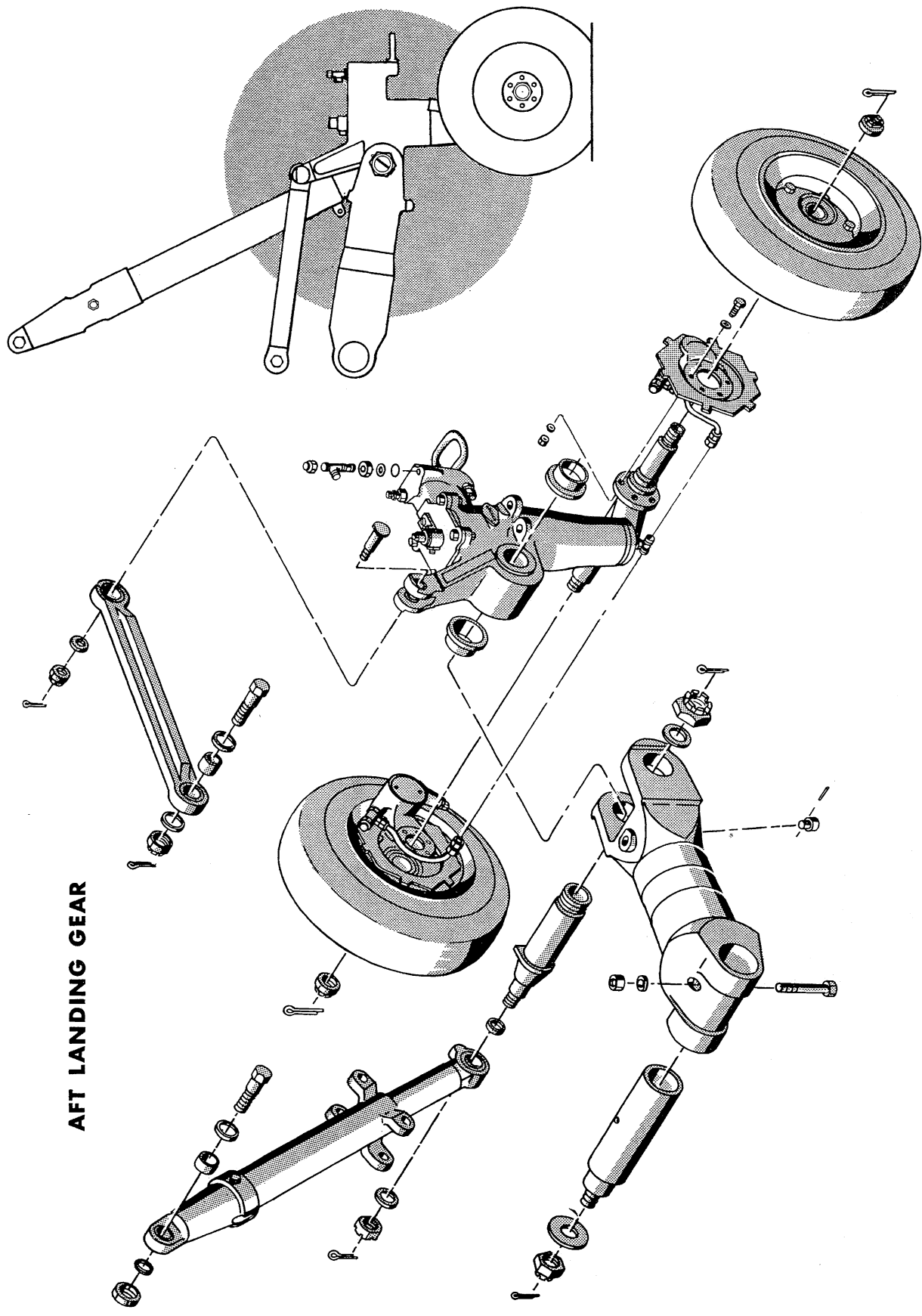


SECONDARY STRUCTURE

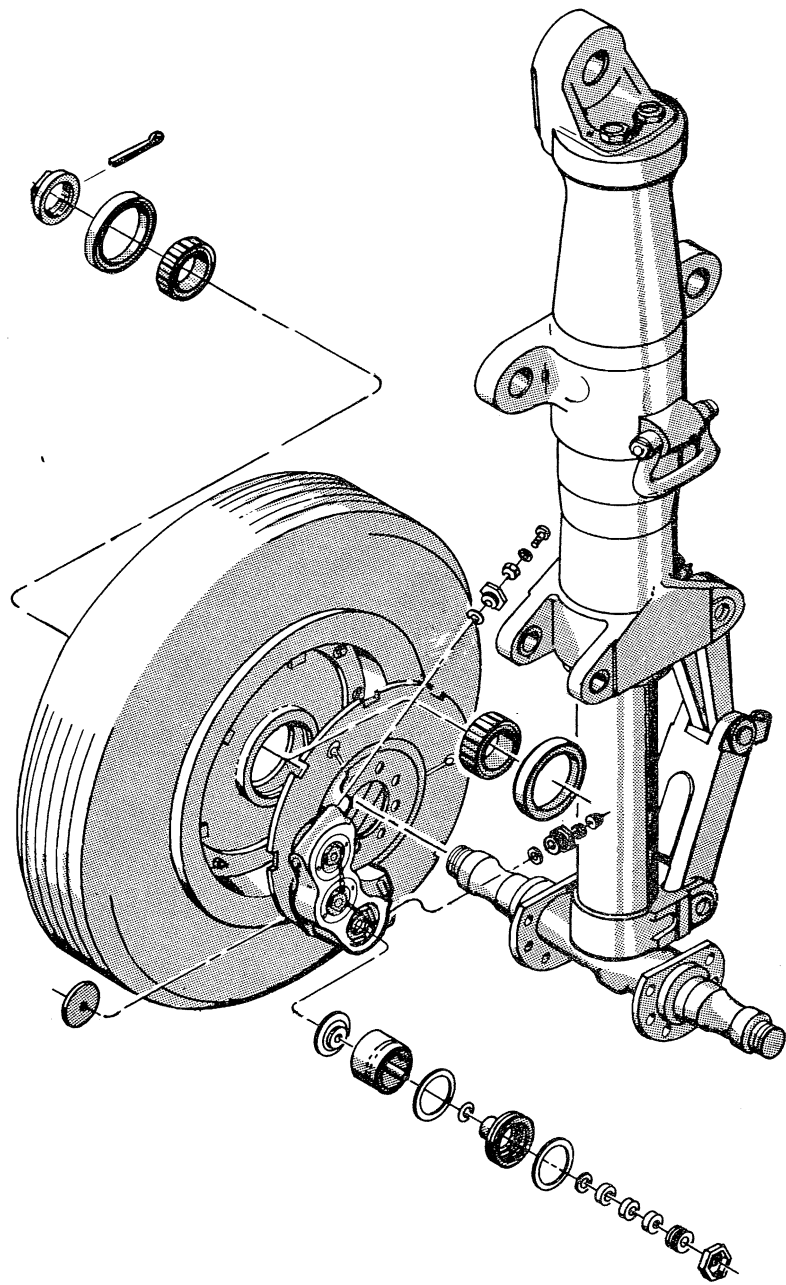
ACCESS DOORS AND PANELS



- | | |
|----------------------------------|--|
| 1 INTERPHONE JACK COVER LATCH | 21 BRACKET |
| 2 EXTERNAL POWER COVER LATCH | 22 TUNNEL ACCESS COVER ASSY |
| 3 BUSHING | 23 TUNNEL ACCESS COVER ASSY |
| 4 RETAINER | 24 TUNNEL ACCESS COVER ASSY |
| 5 SHAFT | 25 XMSN OIL FILLER COVER ASSY |
| 6 LATCH | 26 RAMP ACTUATOR AND INTERPHONE JACK ACCESS COVER ASSY |
| 7 RETAINER | 27 FUEL SHUT-OFF COVER ASSY |
| 8 FORWARD BRACKET | 28 LATCH |
| 9 AFT BRACKET | 29 OIL COOLER FAN COVER ASSY |
| 10 FWD LANDING GEAR ACCESS PANEL | 30 OIL COOLER FAN COVER ASSY |
| 11 LATCH | 31 AFT ROTOR XMSN COVER ASSY |
| 12 PANEL ASSY | 32 PYLON REMOVAL COVER ASSY |
| 13 PANEL ASSY | 33 PYLON ACCESS COVER ASSY |
| 14 FUEL PUMP ACCESS PANEL | 34 HYDRAULIC TEST COVER ASSY |
| 15 COVER ASSY | 35 APU ACCESS PANEL ASSY |
| 16 LATCH | 36 SUPPORT ARM ASSY |
| 17 AFT LANDING GEAR ACCESS PANEL | 37 DRIP TRAY ASSY |
| 18 ANTENNA HOUSING ASSY | 38 WORK PLATFORMS |
| 19 TUNNEL ACCESS LATCH | |
| 20 STRUT ASSY | |

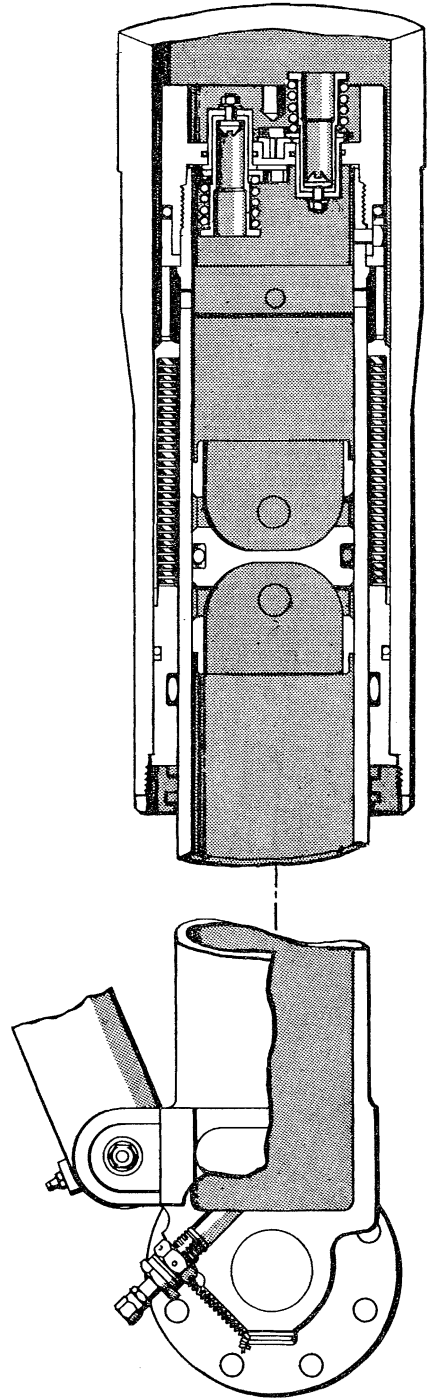


AFT LANDING GEAR



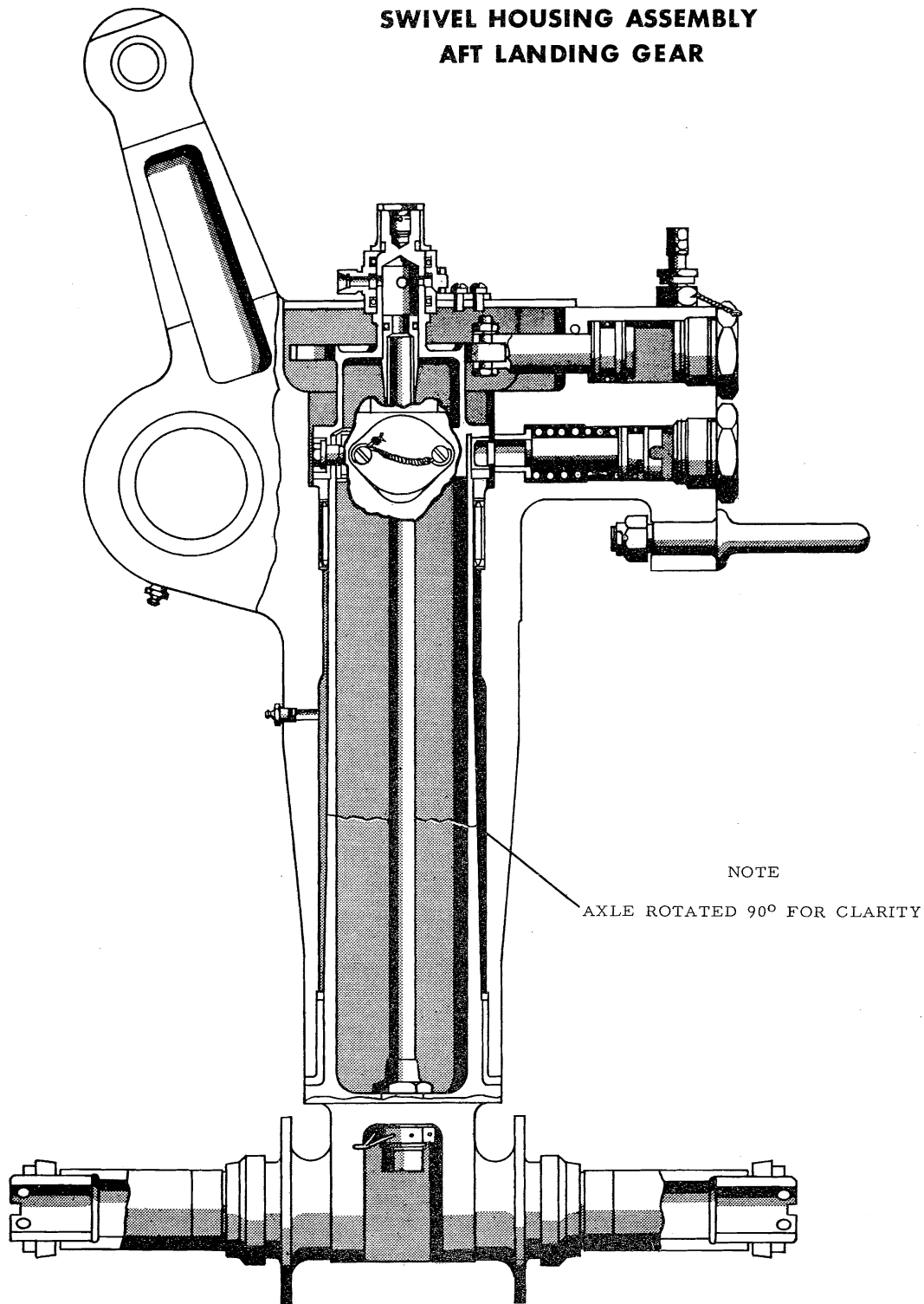
FORWARD LANDING GEAR

**CUTAWAY VIEW
OF STRUT**



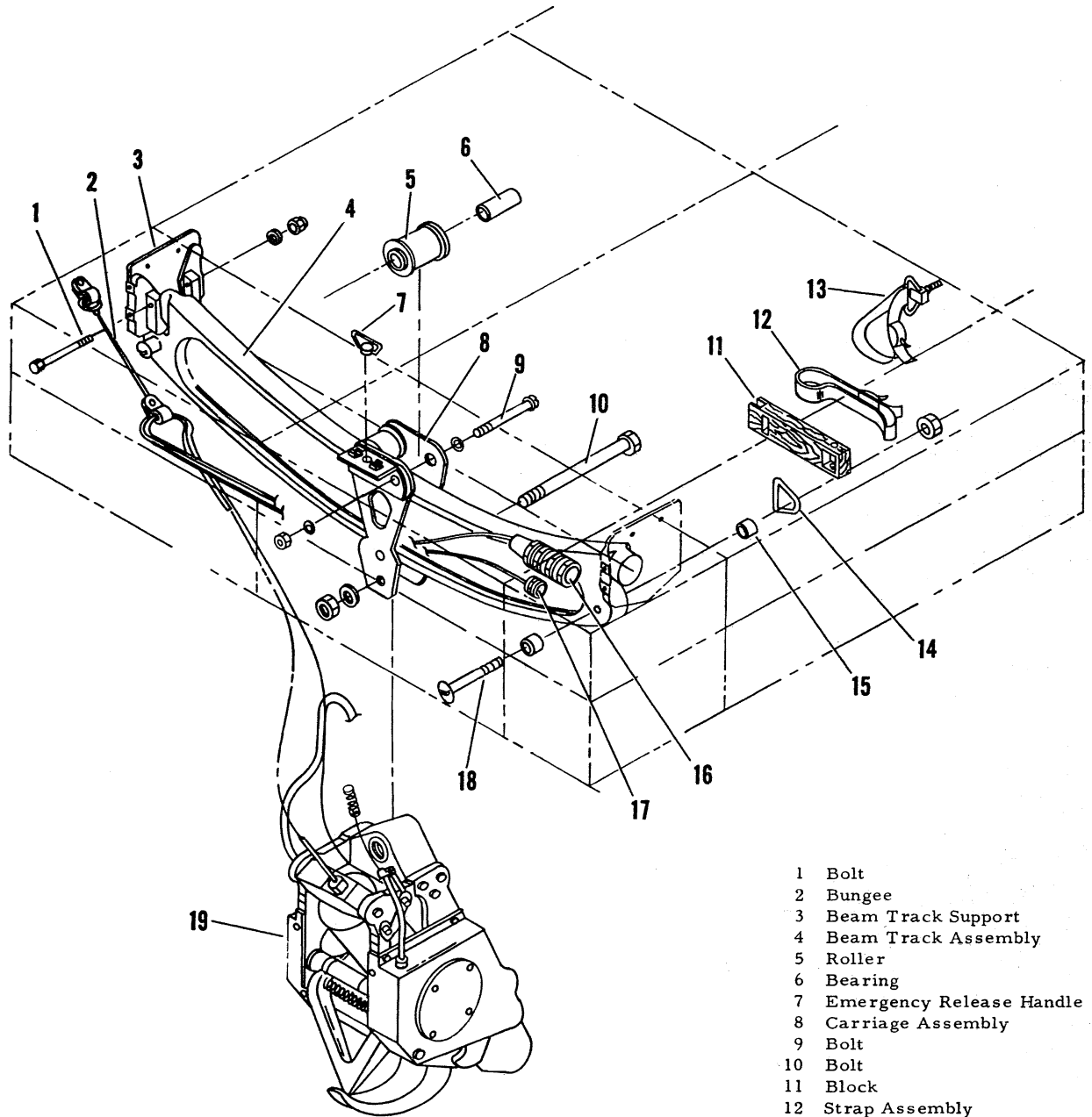
HC-1B TRAINING CHART

**SWIVEL HOUSING ASSEMBLY
AFT LANDING GEAR**



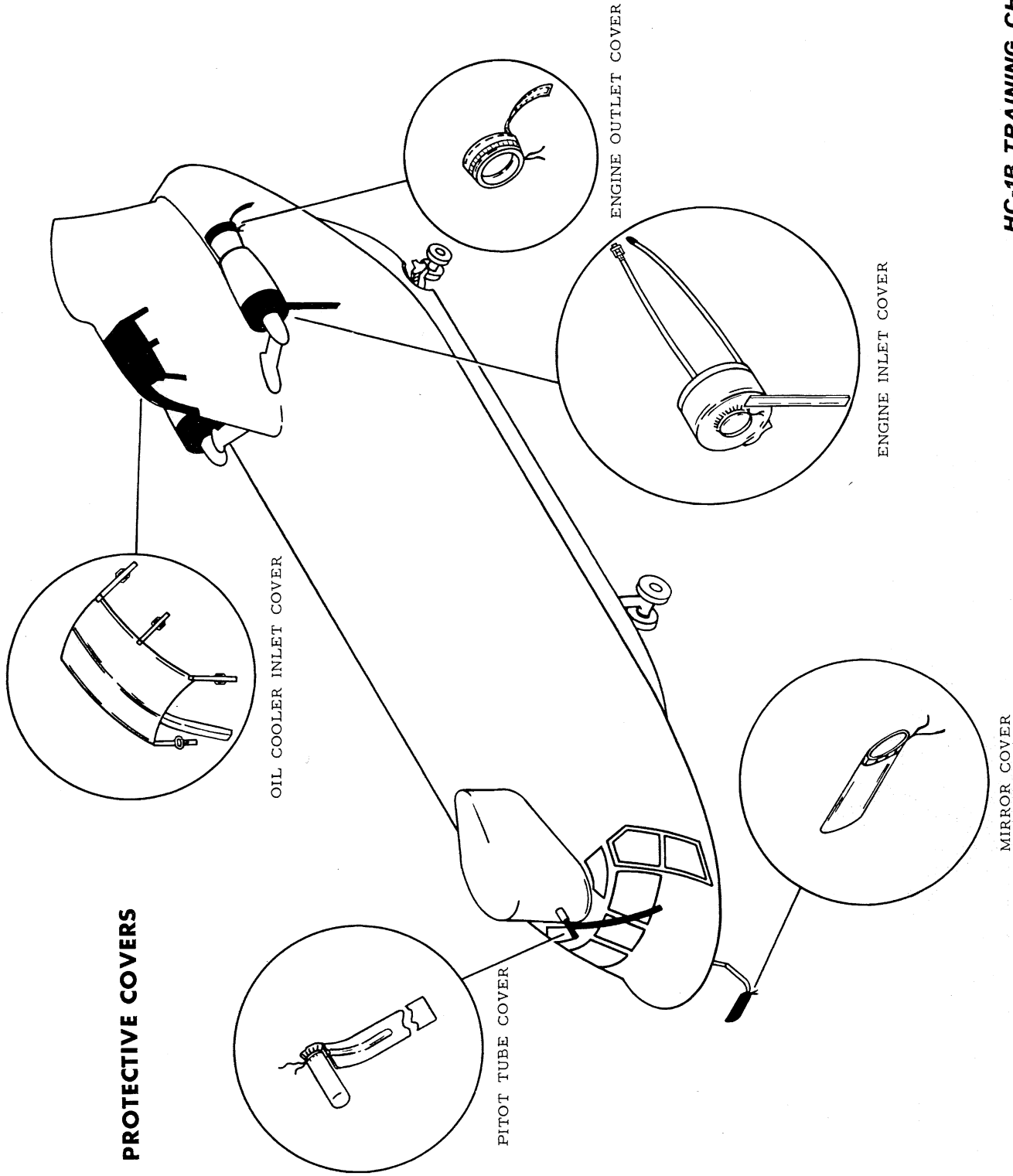
NOTE
AXLE ROTATED 90° FOR CLARITY

CARGO HOOK INSTALLATION



- 1 Bolt
- 2 Bungee
- 3 Beam Track Support
- 4 Beam Track Assembly
- 5 Roller
- 6 Bearing
- 7 Emergency Release Handle
- 8 Carriage Assembly
- 9 Bolt
- 10 Bolt
- 11 Block
- 12 Strap Assembly
- 13 Strap Assembly
- 14 D Ring
- 15 Spacer
- 16 Hydraulic Line Connection
- 17 Electrical Connector
- 18 Bolt
- 19 Hook Assembly

PROTECTIVE COVERS



OIL COOLER INLET COVER

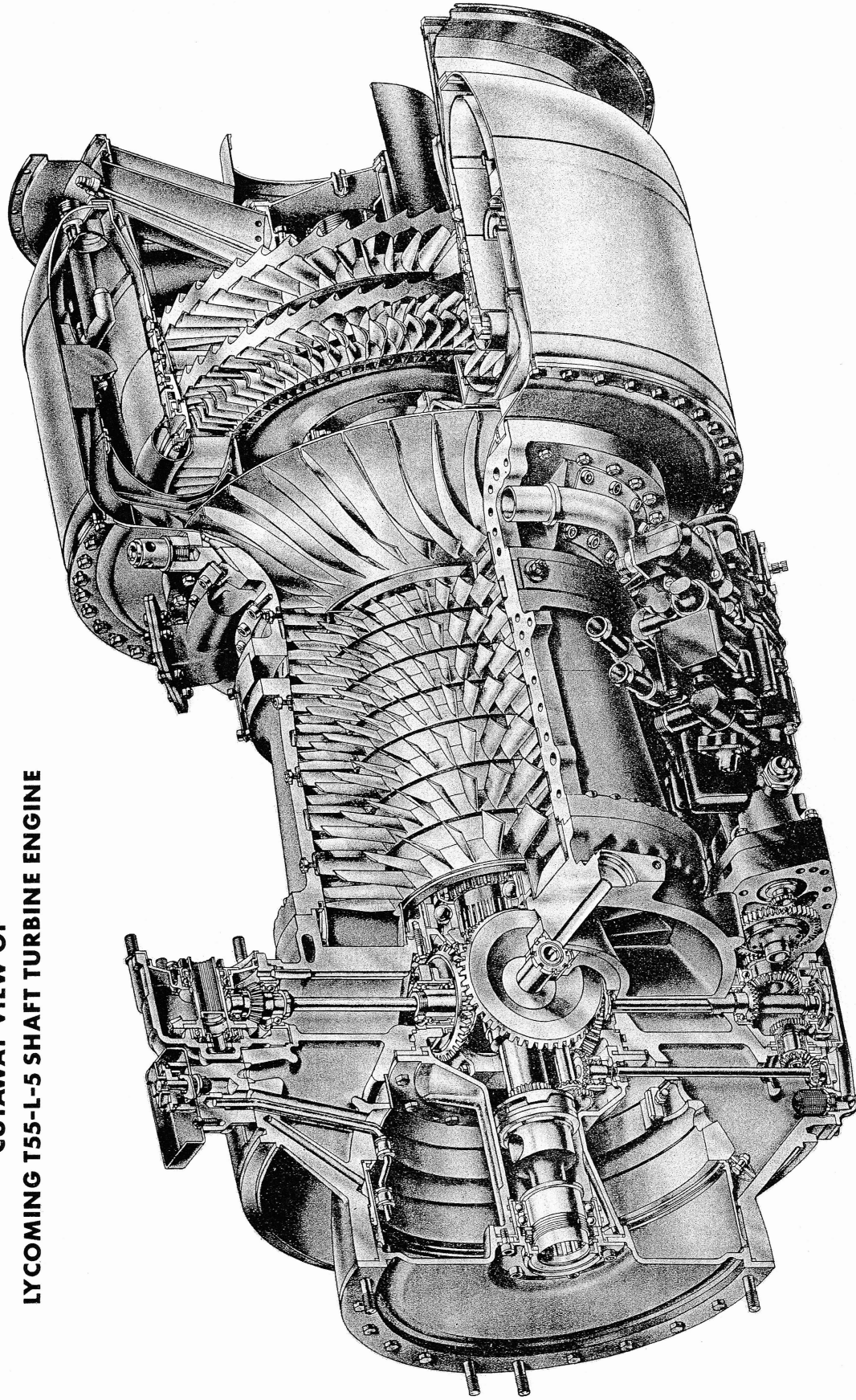
PITOT TUBE COVER

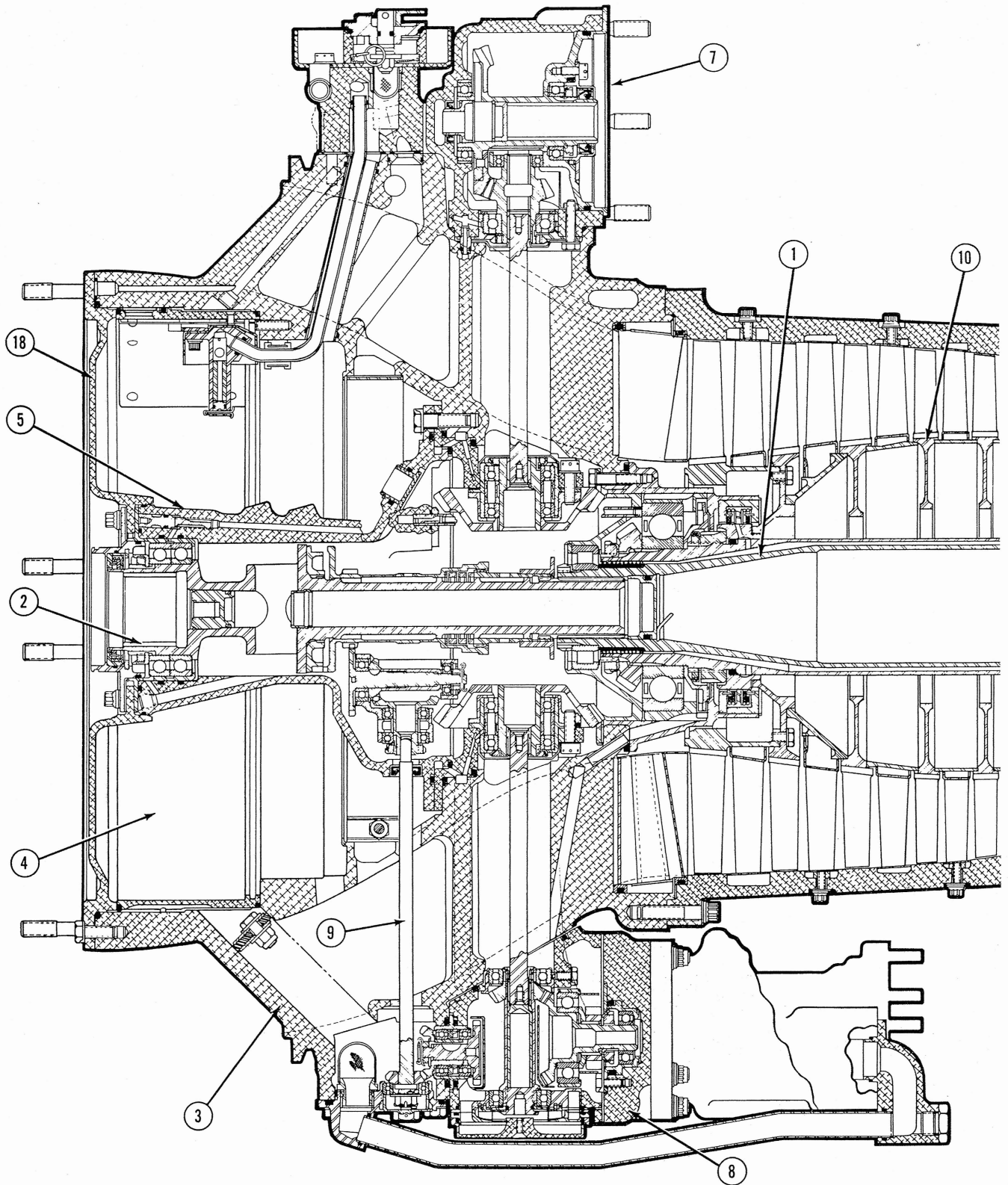
ENGINE OUTLET COVER

ENGINE INLET COVER

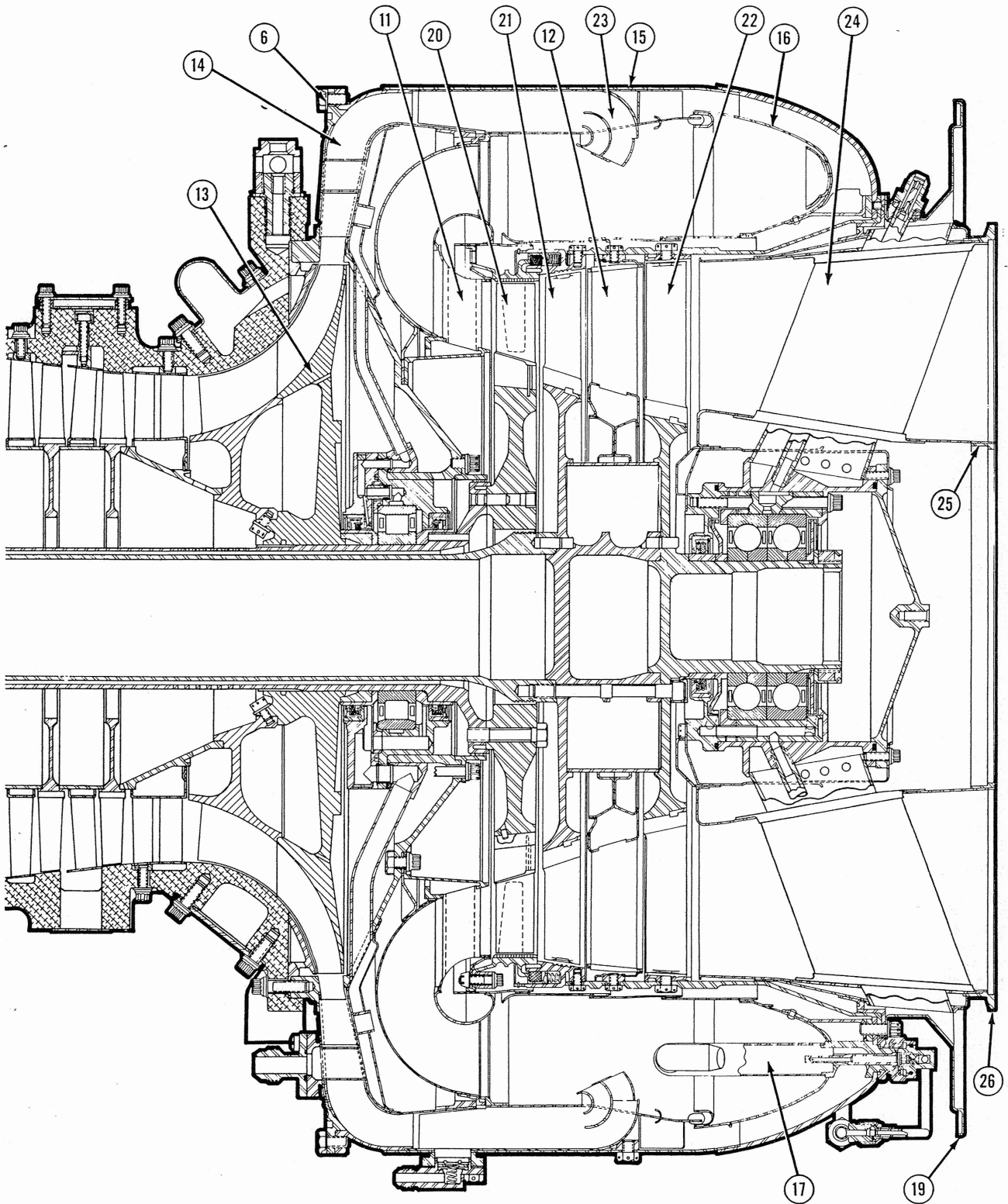
MIRROR COVER

**CUTAWAY VIEW OF
LYCOMING T55-L-5 SHAFT TURBINE ENGINE**





- | | | |
|---------------------------------|-------------------------------|-------------------------------------|
| 1. Power Turbine Shaft | 6. Compressor Diffuser Flange | 11. Compressor Turbine Inlet Nozzle |
| 2. Output Shaft | 7. Starter Drive Pad | 12. Second Stage Nozzle |
| 3. Air Inlet Housing Assembly | 8. Accessory Drive Gearbox | 13. Centrifugal Compressor |
| 4. Oil Tank Cavity | 9. N2 Governor Drive | 14. Compressor Diffuser |
| 5. Output Shaft Bearing Support | 10. Compressor (Axial) | 15. Combustion Chamber Housing |

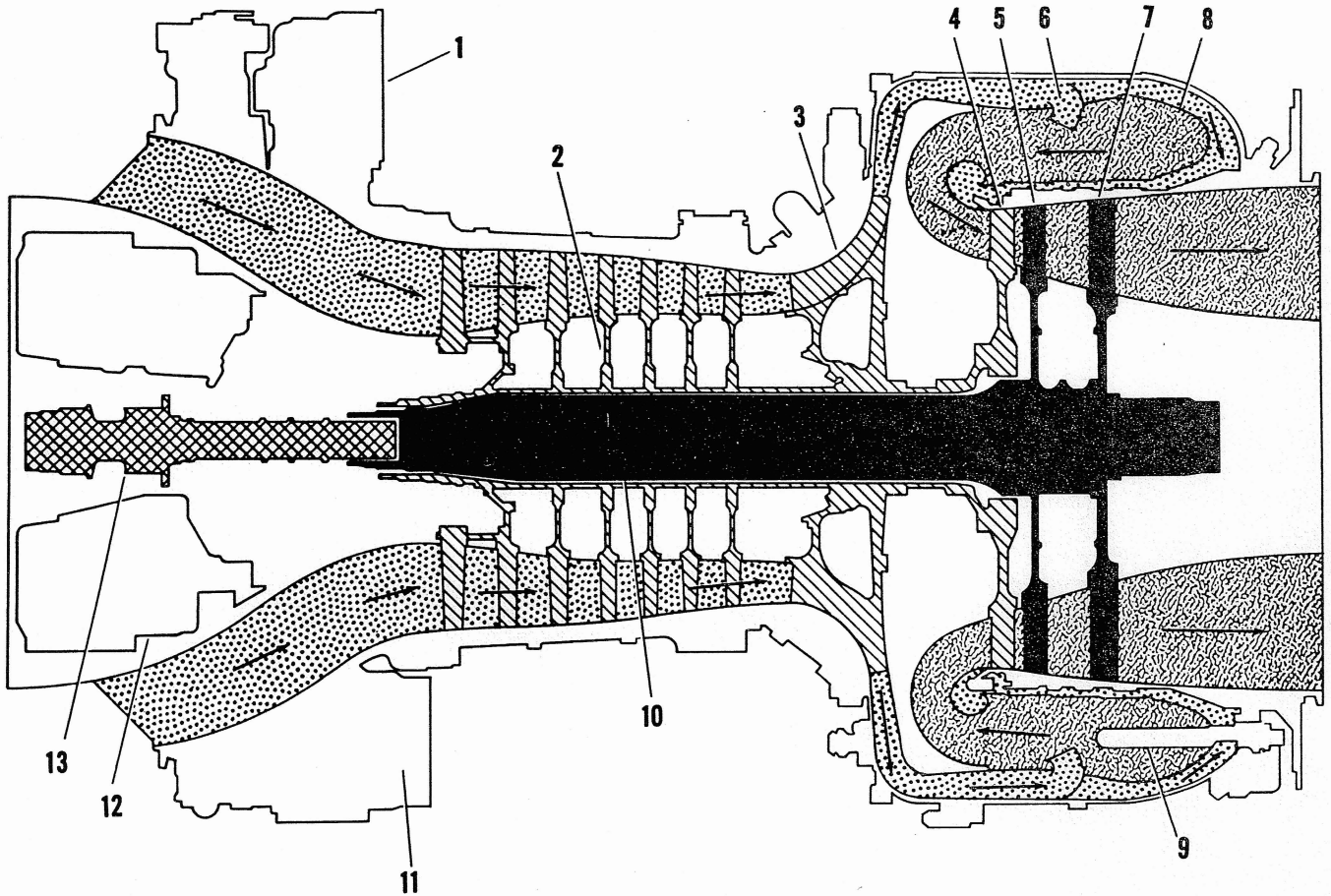







16. Combustion Chamber Assembly
 17. Vaporizing Tubes
 18. Cover-Oil Tank
 19. Fireshield

20. Compressor Turbine
 21. 1st Power Turbine
 22. 2nd Power Turbine
 23. Flow Splitter Scoop

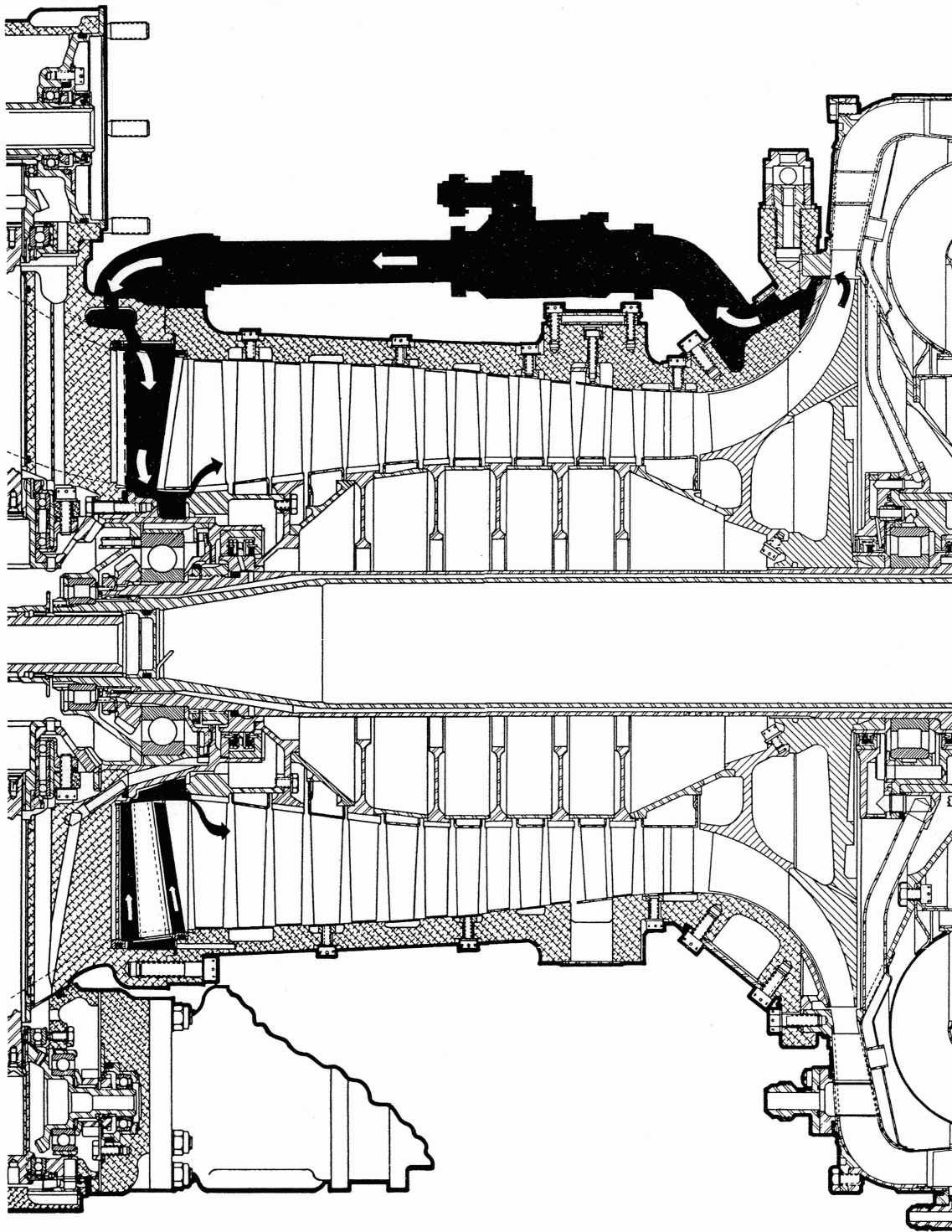
24. Exhaust Diffuser
 25. Inner Cone Flange
 26. Exhaust Cone Flange

ENGINE COMPRESSOR AIR FLOW AND COMBUSTION GAS FLOW



-  GAS PRODUCER ROTOR
-  OUTPUT SHAFT
-  POWER TURBINE
-  COMBUSTION GAS FLOW
-  INLET AIR AND COMPRESSED AIR FLOW

- 1 STARTER DRIVE PAD
- 2 AXIAL COMPRESSOR
- 3 CENTRIFUGAL COMPRESSOR
- 4 COMPRESSOR TURBINE
- 5 FIRST-STAGE POWER TURBINE
- 6 FLOW SPLITTER SCOOP
- 7 SECOND-STAGE POWER TURBINE
- 8 COMBUSTION CHAMBER
- 9 VAPORIZER TUBE
- 10 POWER TURBINE SHAFT
- 11 ACCESSORY GEAR BOX
- 12 OIL TANK CAVITY
- 13 OUTPUT SHAFT



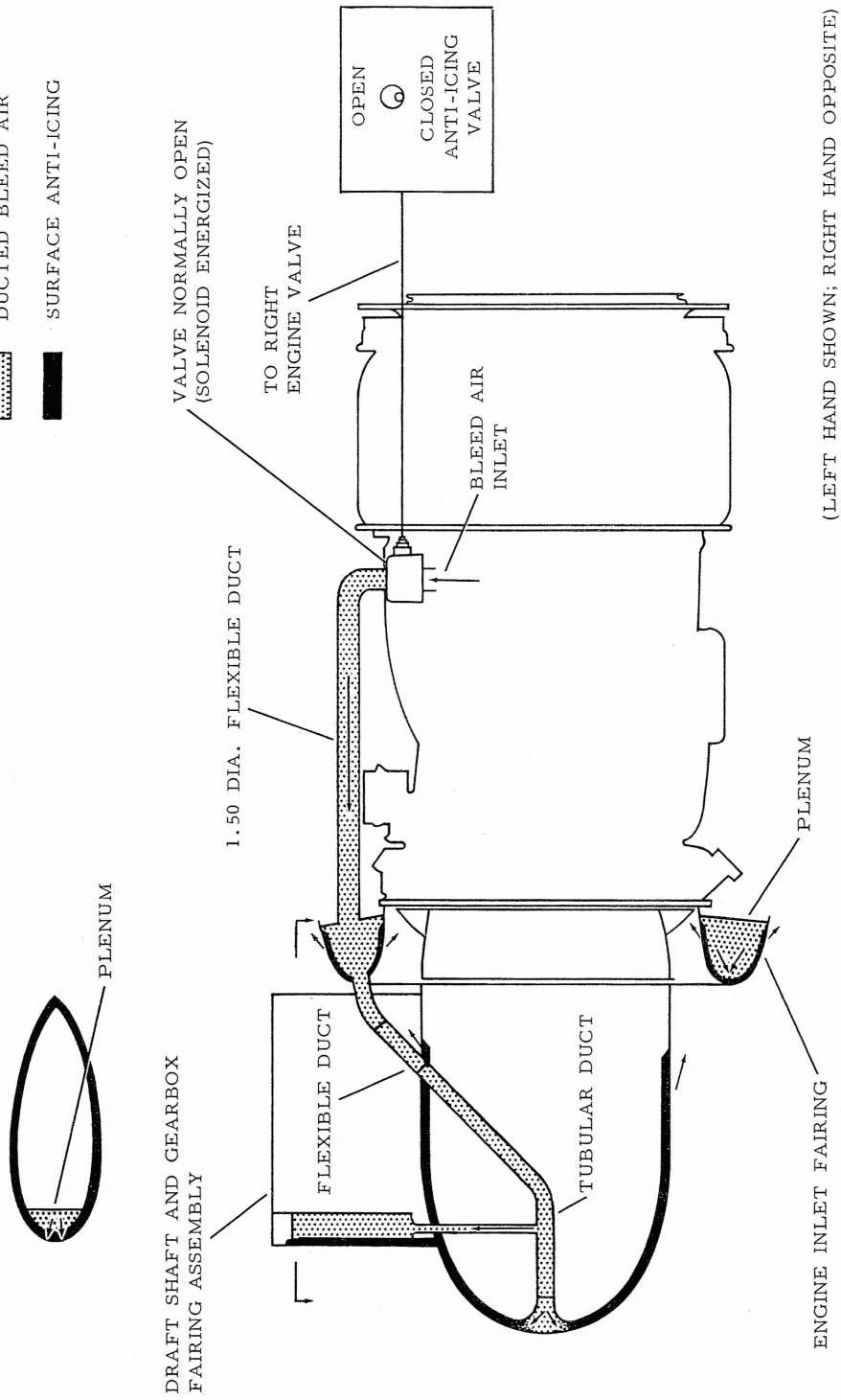
LEGEND

■ ANTI-ICING AIR

Anti-Icing System-Internal

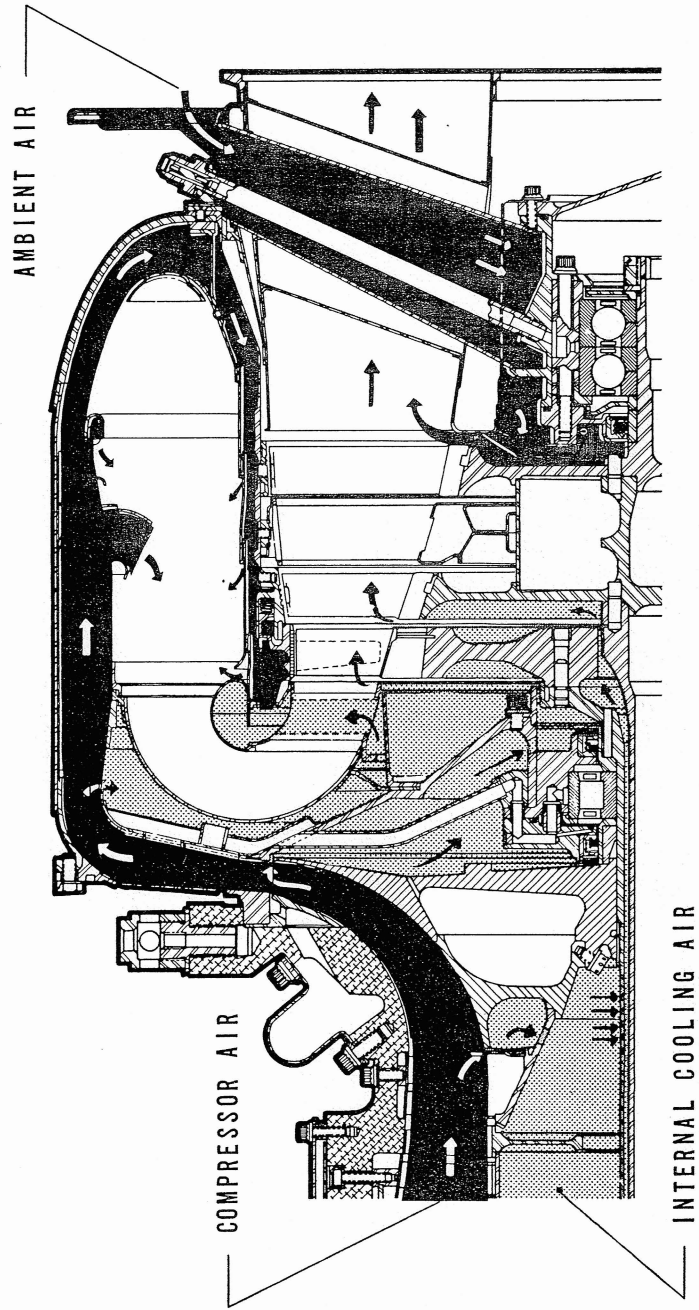
POWER PLANT ANTI-ICING SYSTEM

COLOR CODE
 [Dotted pattern] DUCTED BLEED AIR
 [Solid black] SURFACE ANTI-ICING



(LEFT HAND SHOWN; RIGHT HAND OPPOSITE)

INTERNAL COOLING AIR SYSTEM



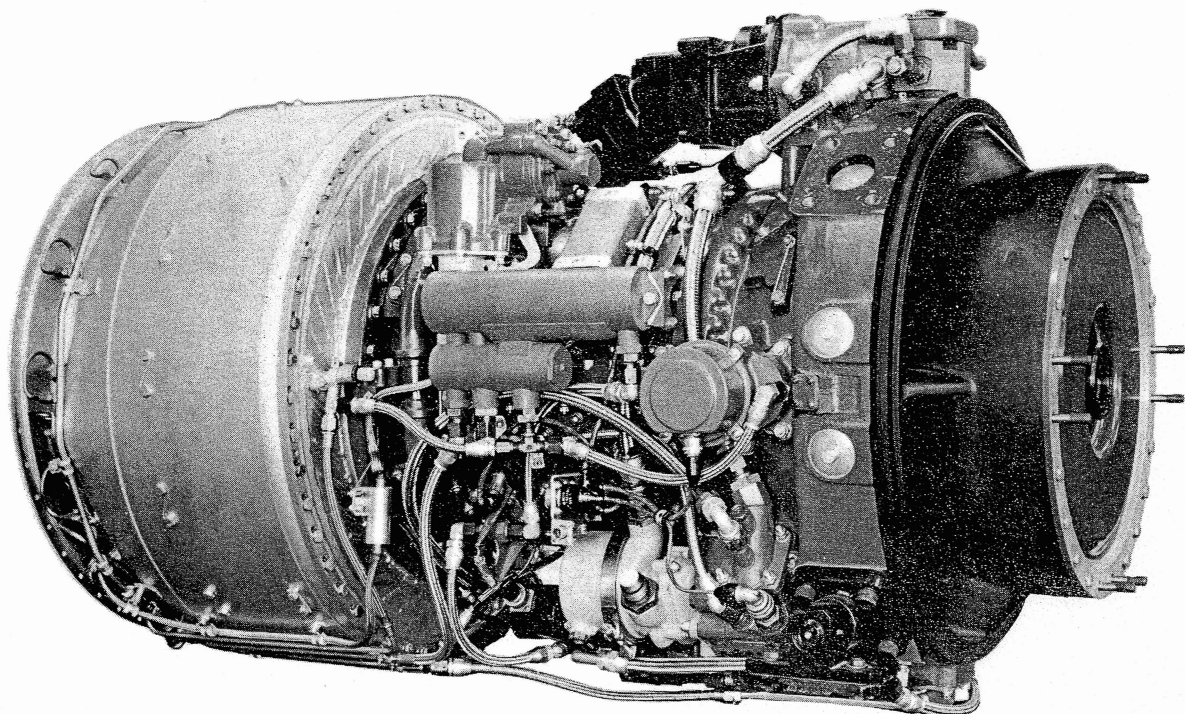


Figure 1.2 Right Front View

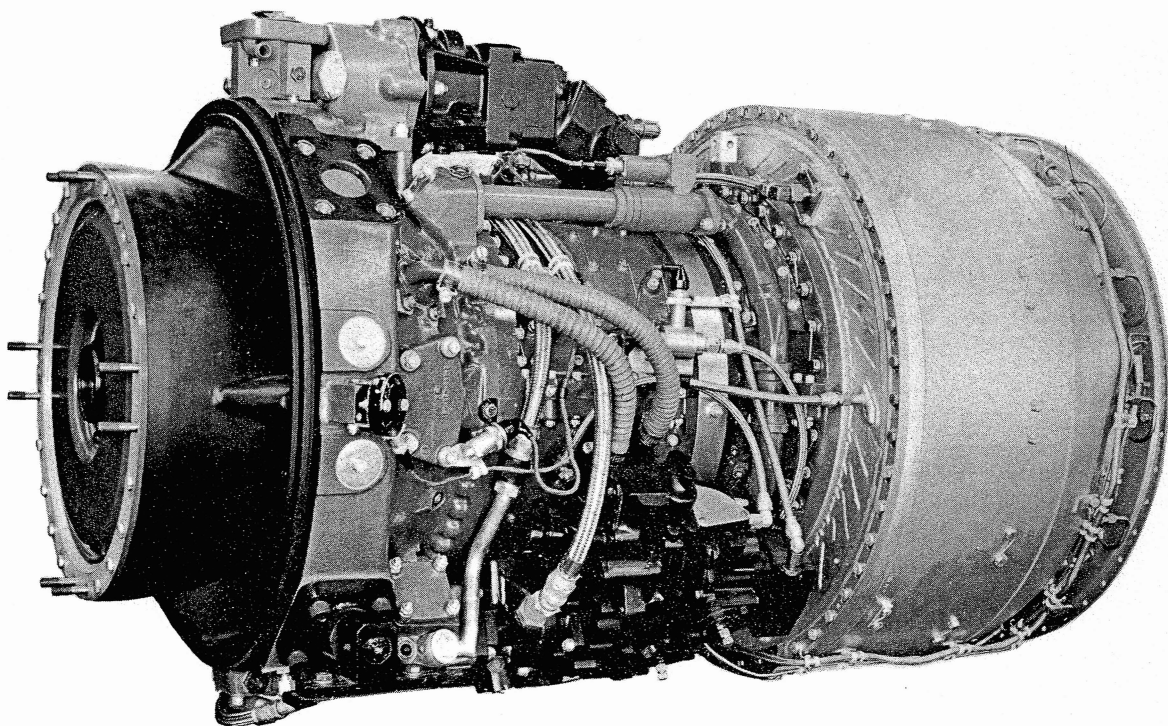


Figure 1.3 Left Front View

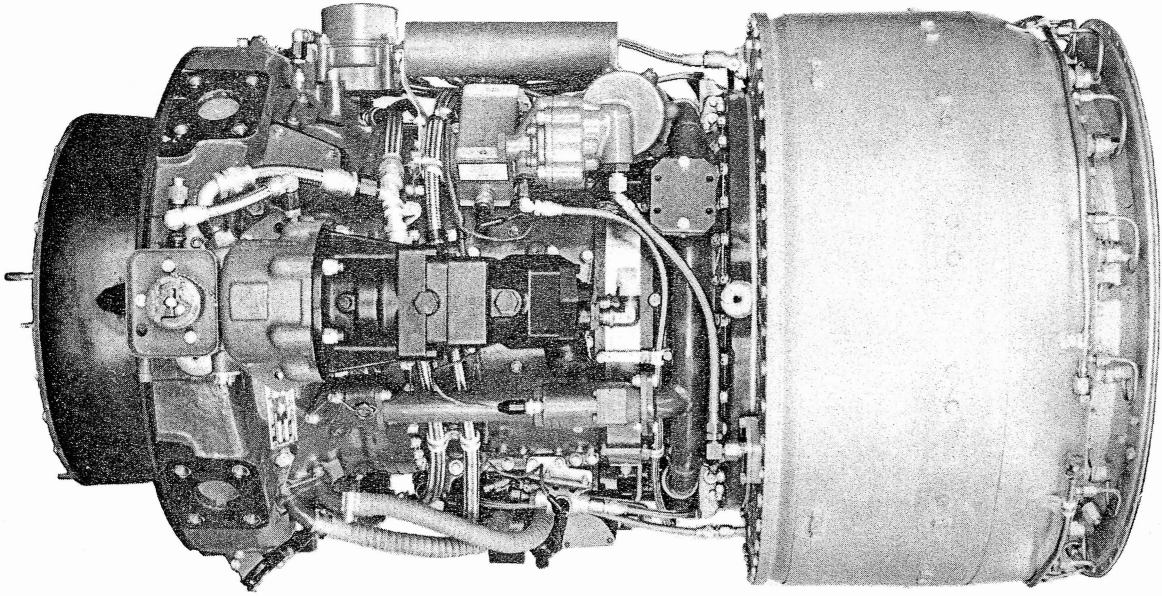


Figure 1.4 Top View

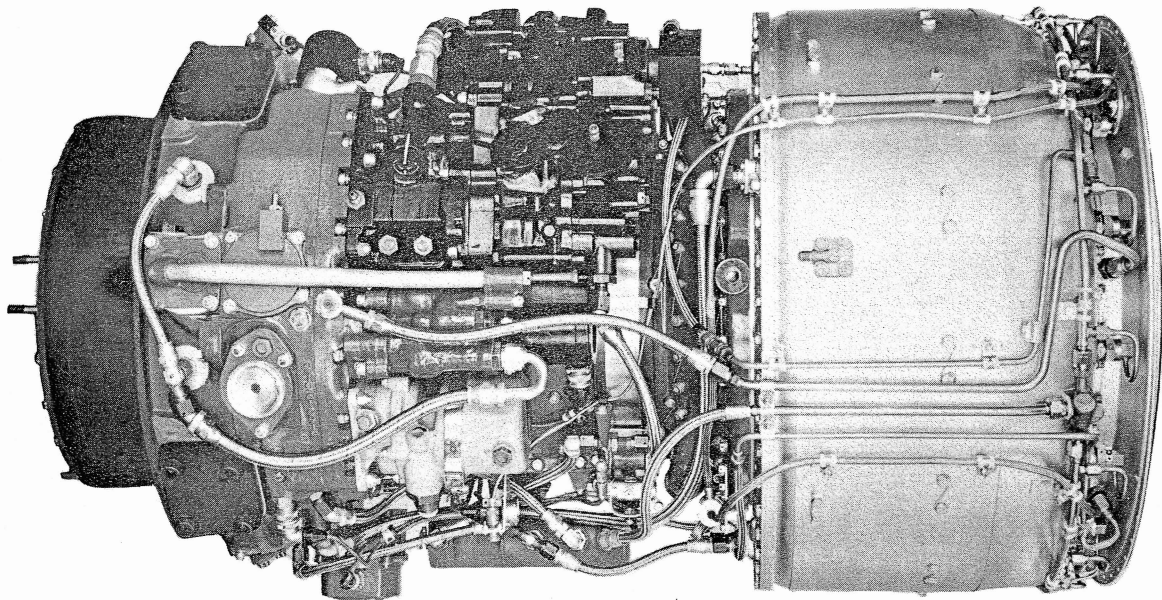
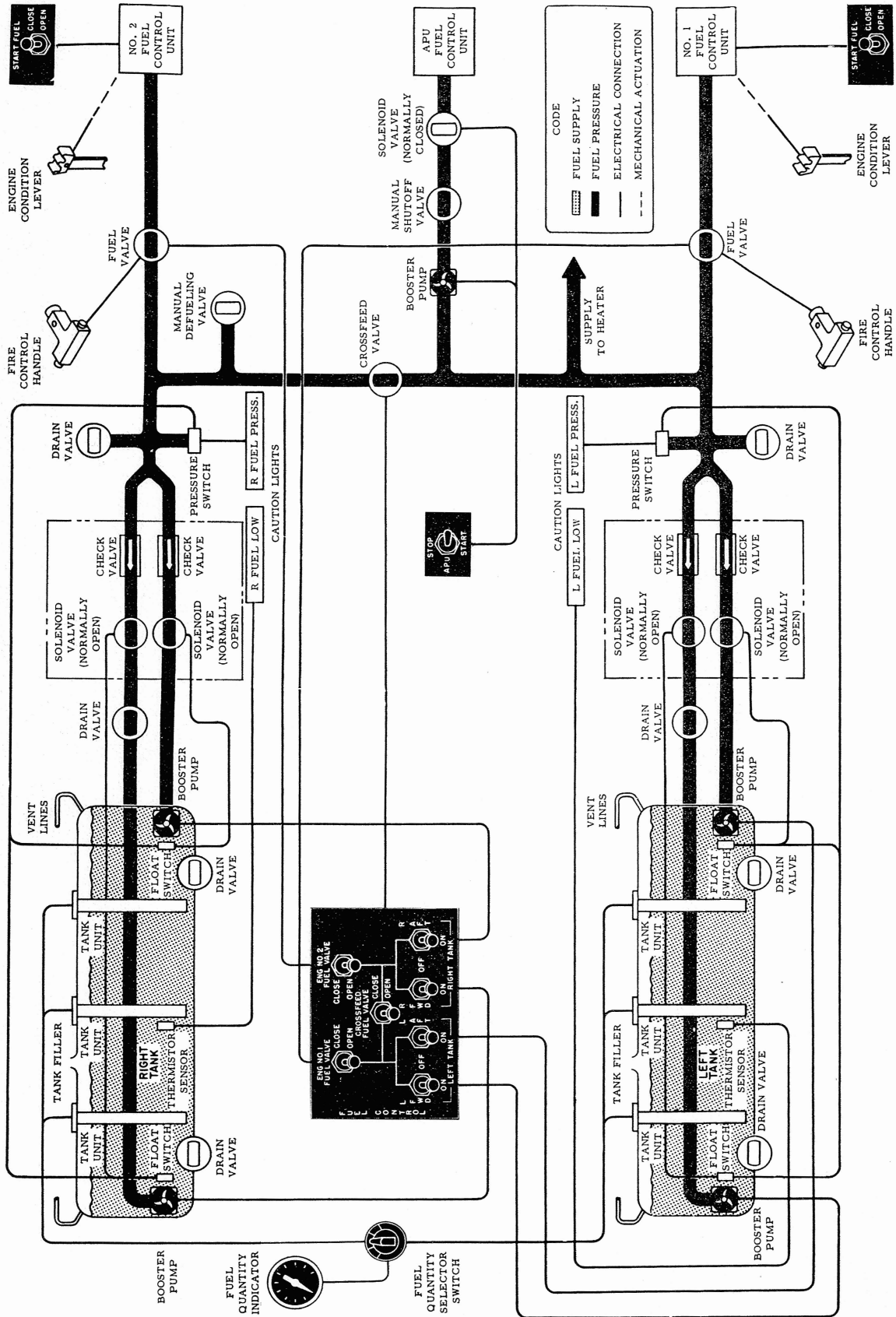
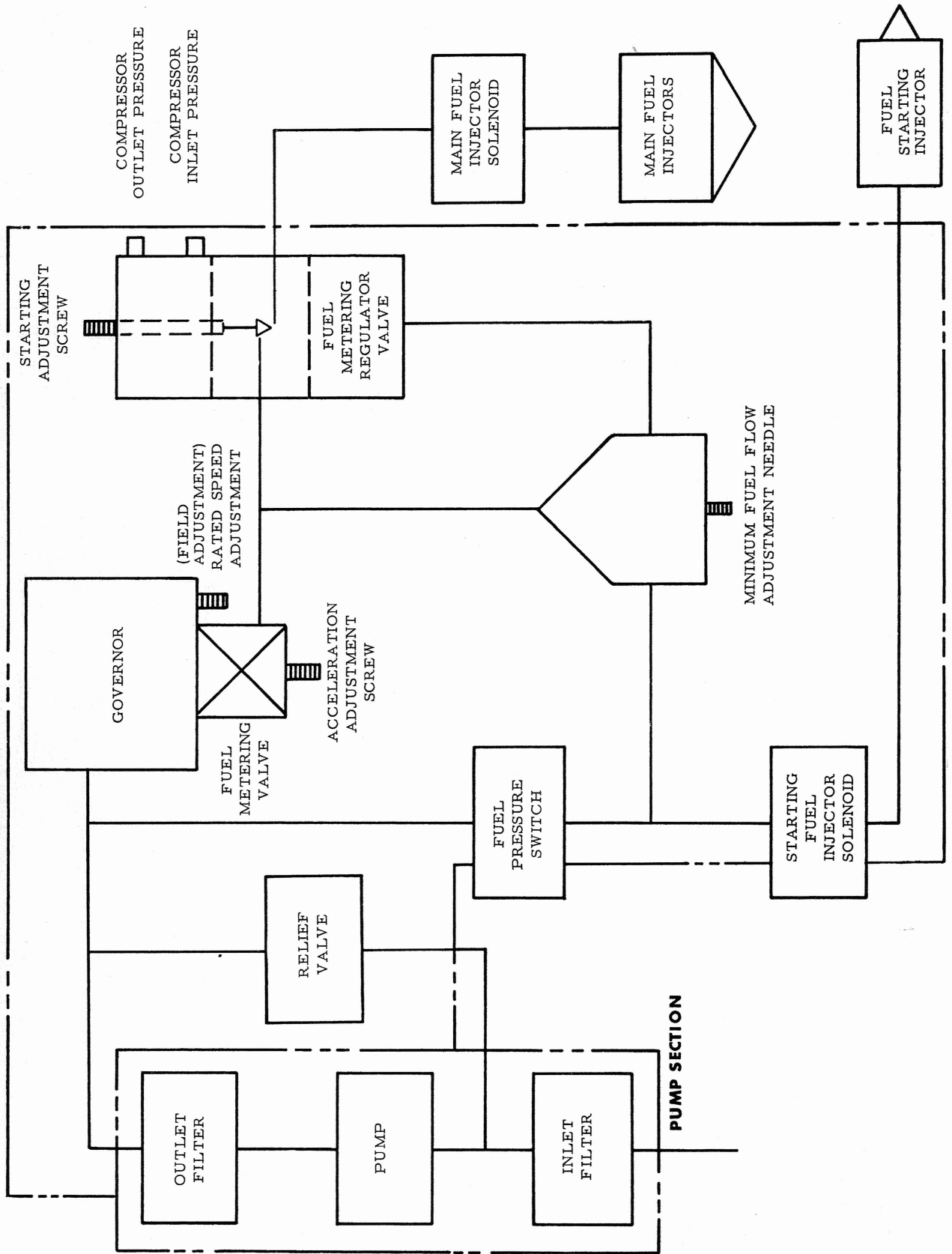


Figure 1.5 Bottom View

FUEL SYSTEM



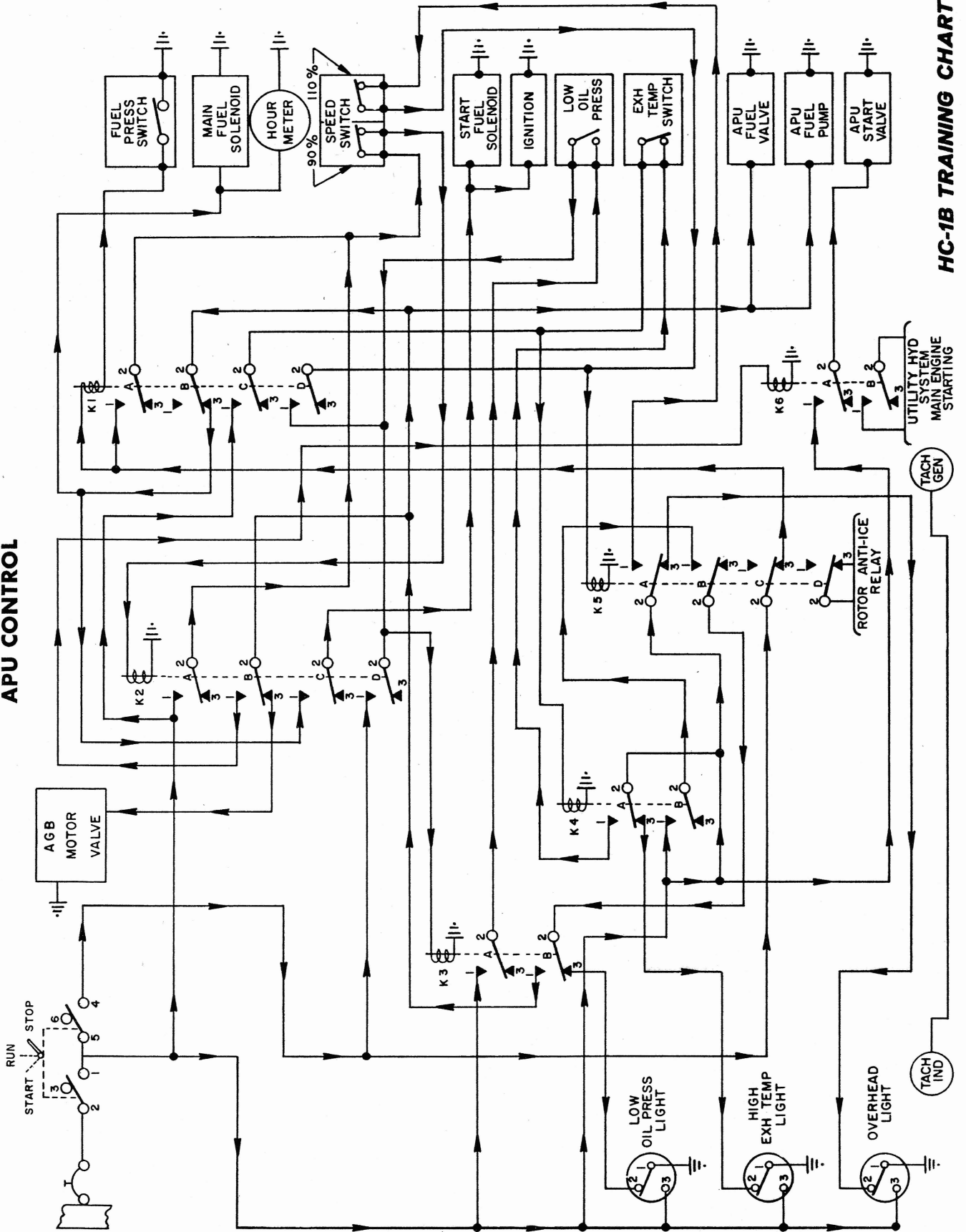
APU FUEL SYSTEM SCHEMATIC



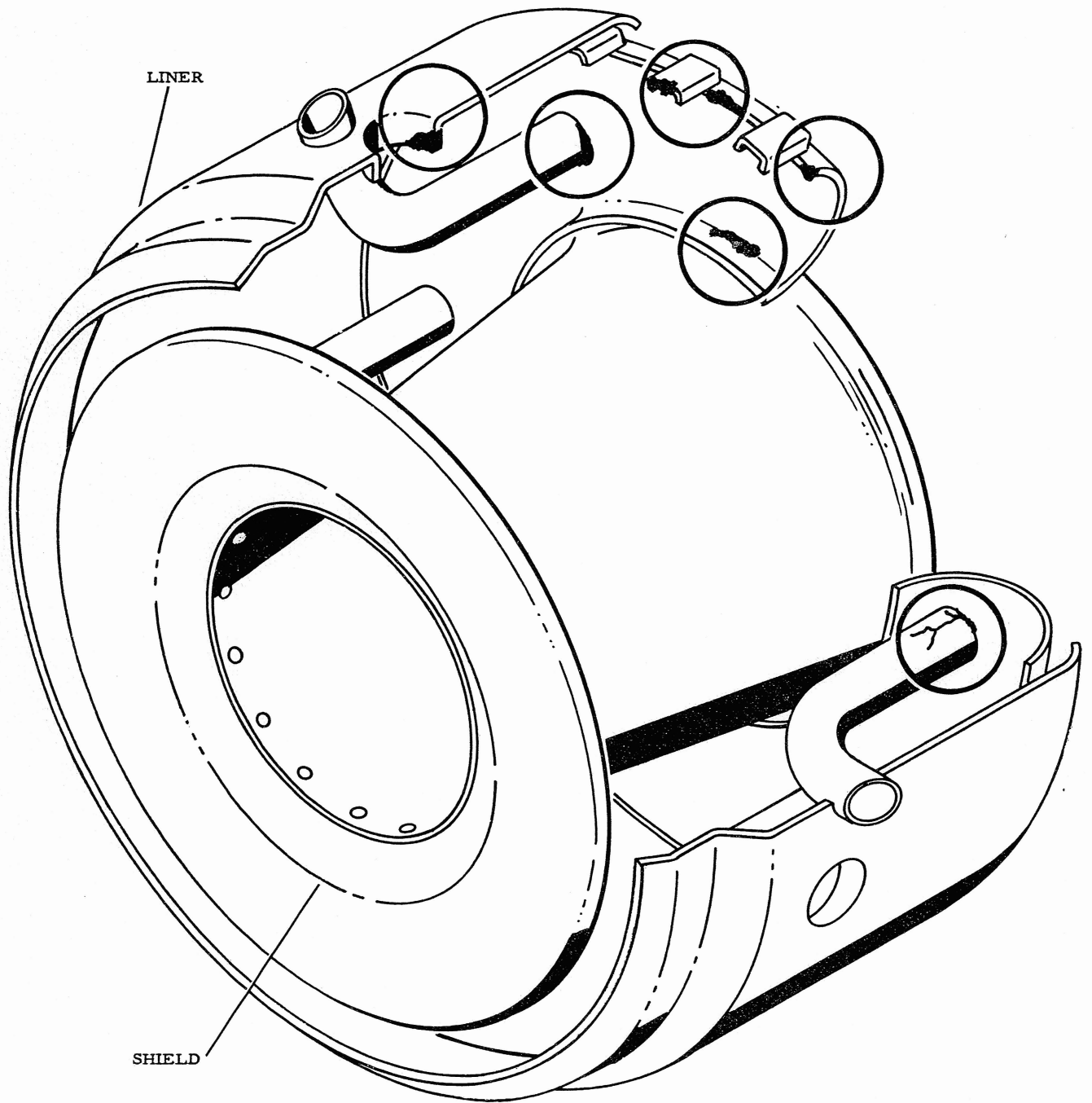
FUEL CONTROL ASSEMBLY

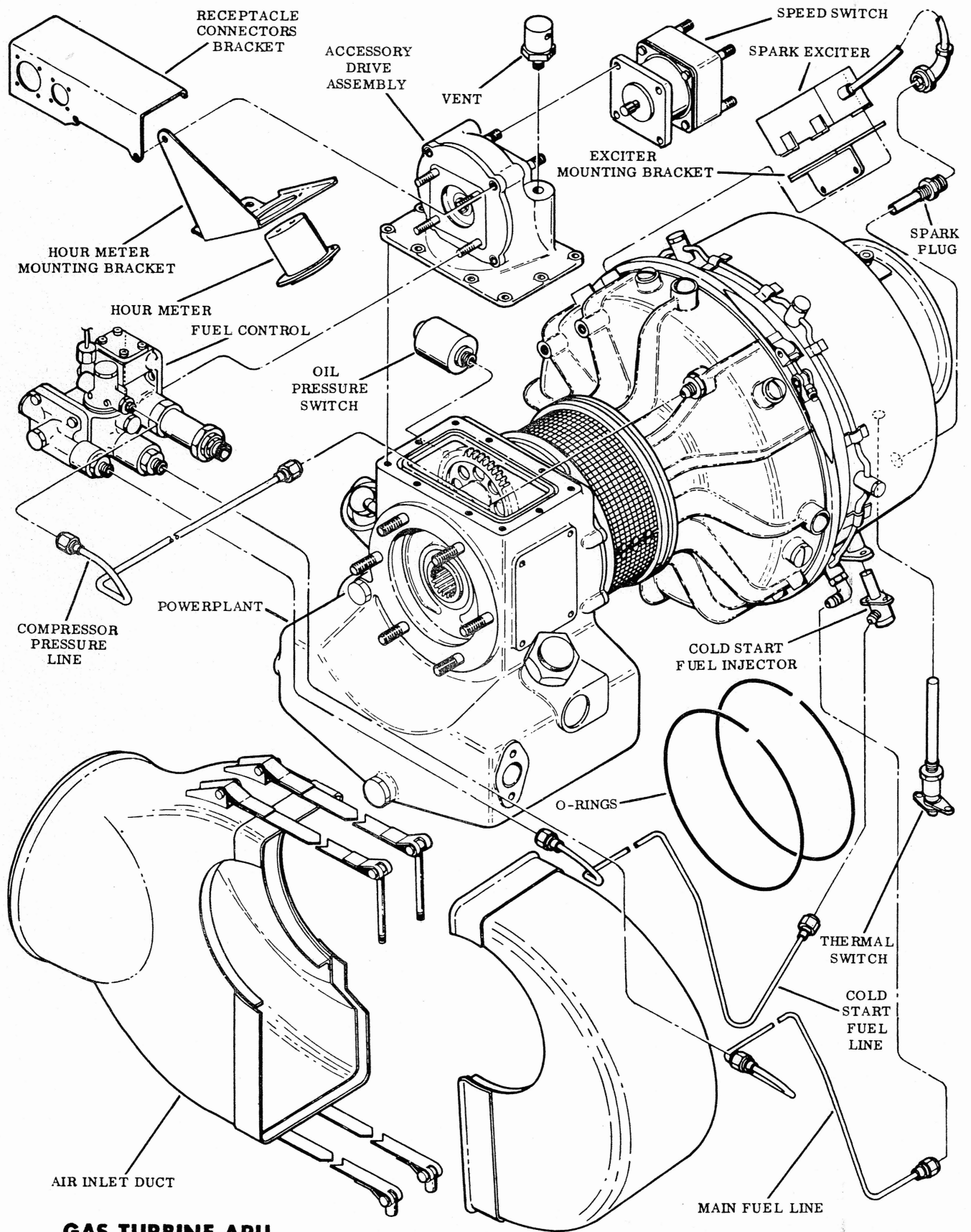
HC-1B TRAINING CHART

APU CONTROL



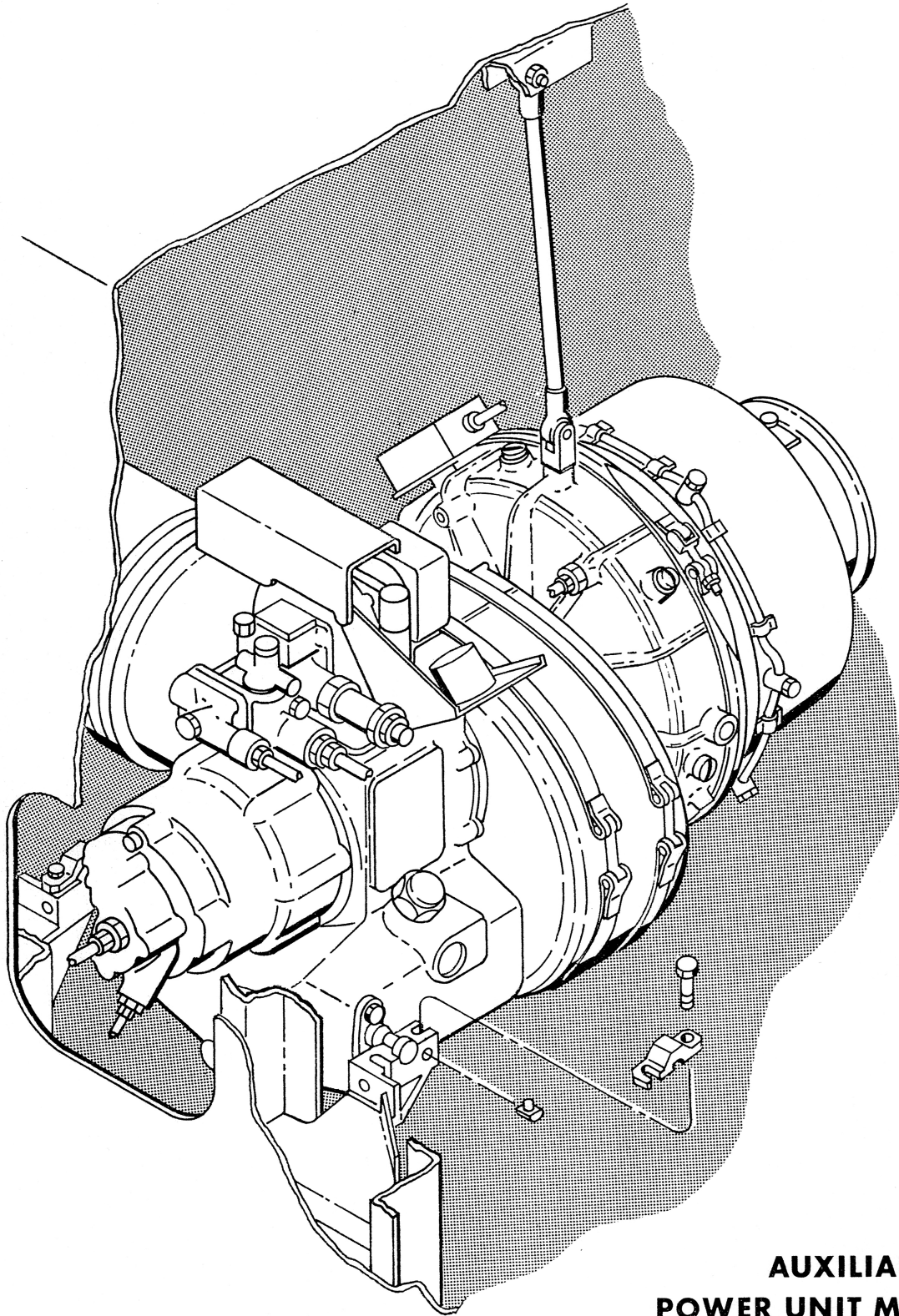
APU COMBUSTOR INSPECTION





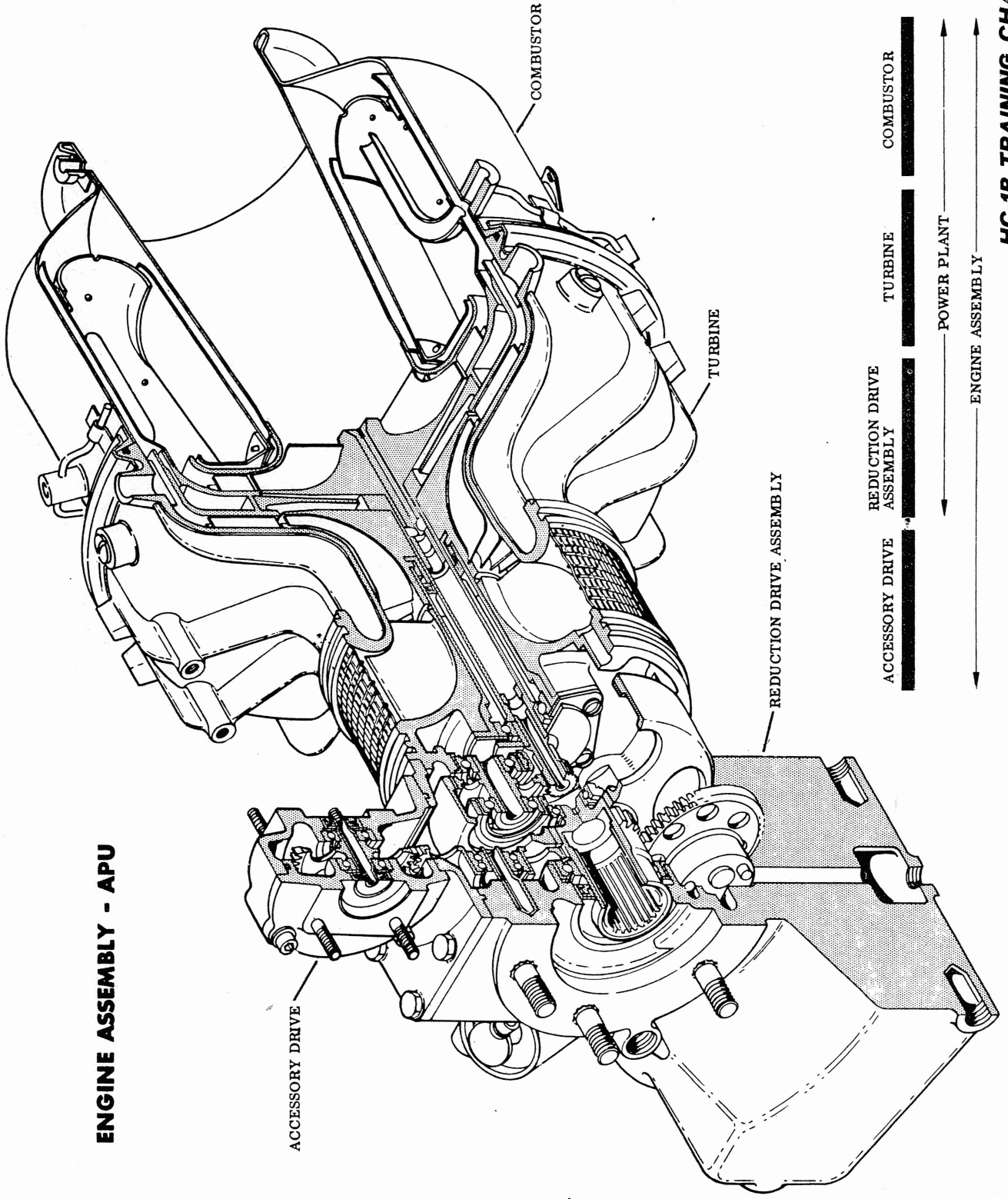
GAS TURBINE APU

HC-1B TRAINING CHART

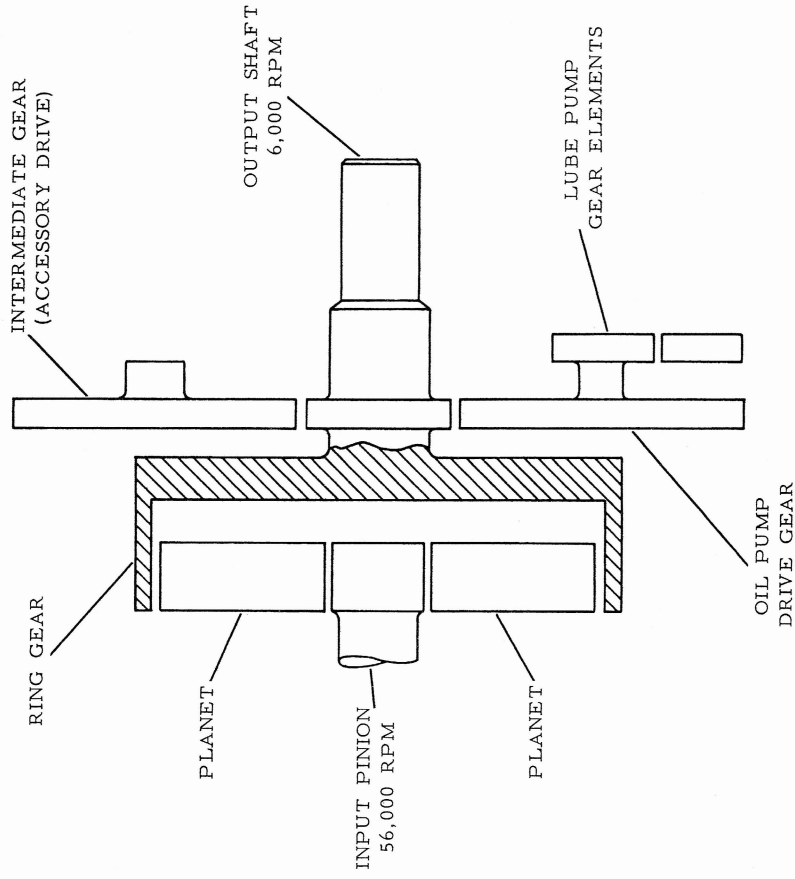
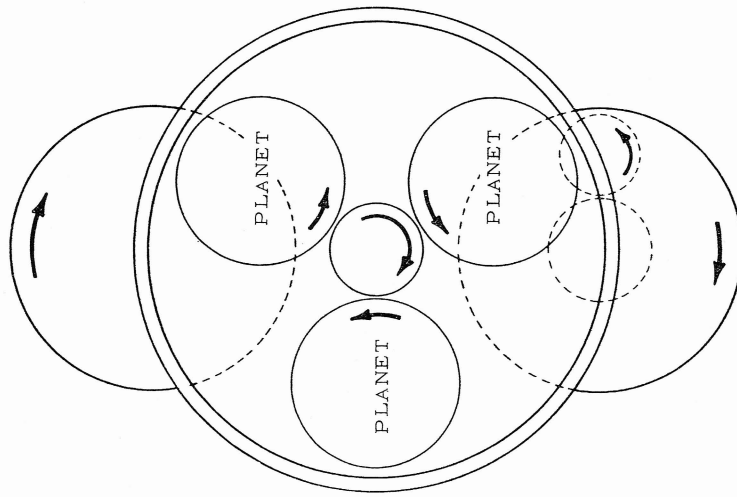


**AUXILIARY
POWER UNIT MOUNTING**

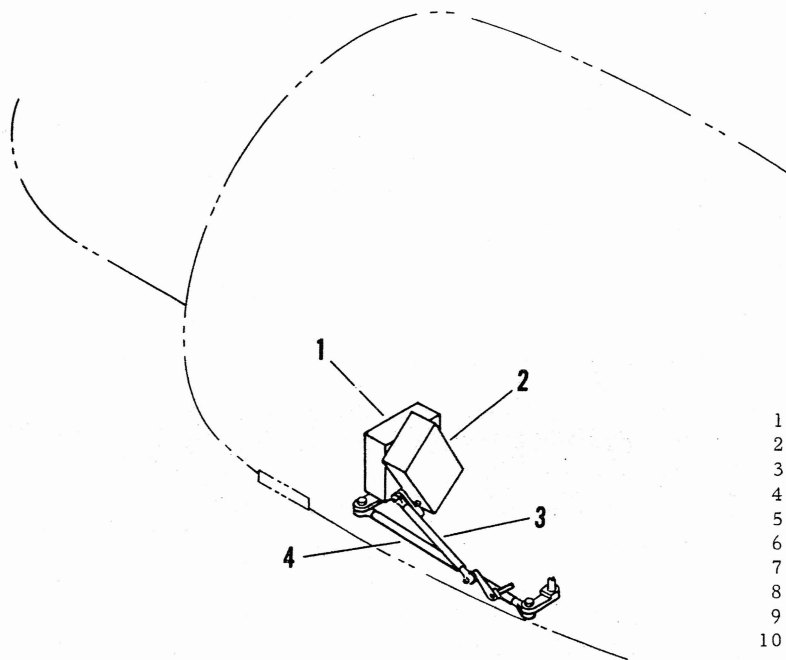
ENGINE ASSEMBLY - APU



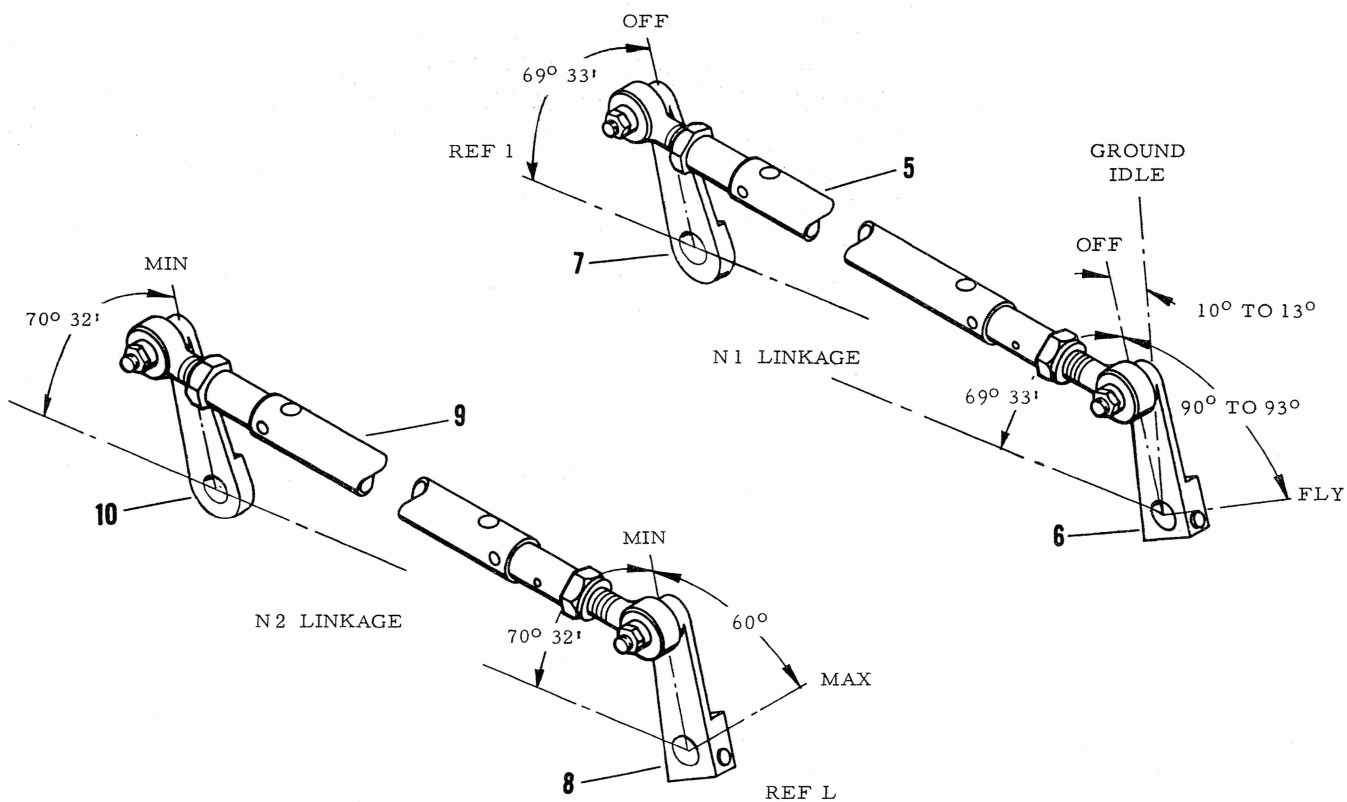
REDUCTION DRIVE GEAR TRAIN



ENGINE CONTROLS INSTALLATION - ENGINE COMPARTMENT

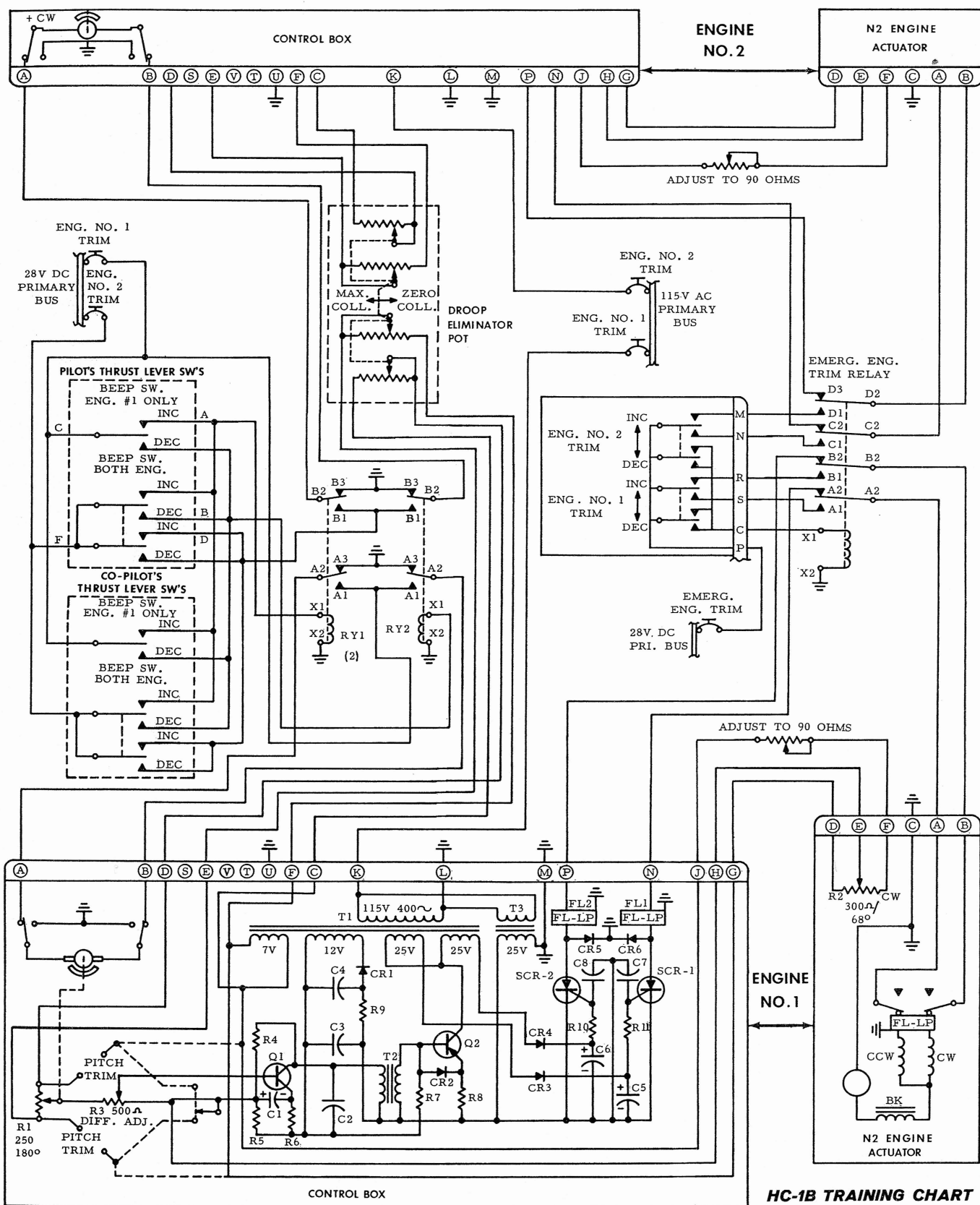


- 1 ACTUATOR
- 2 ACTUATOR
- 3 N2 LINKAGE
- 4 N1 LINKAGE
- 5 LINK ROD ASSEMBLY
- 6 ARM
- 7 ARM
- 8 ARM
- 9 LINK ROD ASSEMBLY
- 10 ARM



HC-1B TRAINING CHART

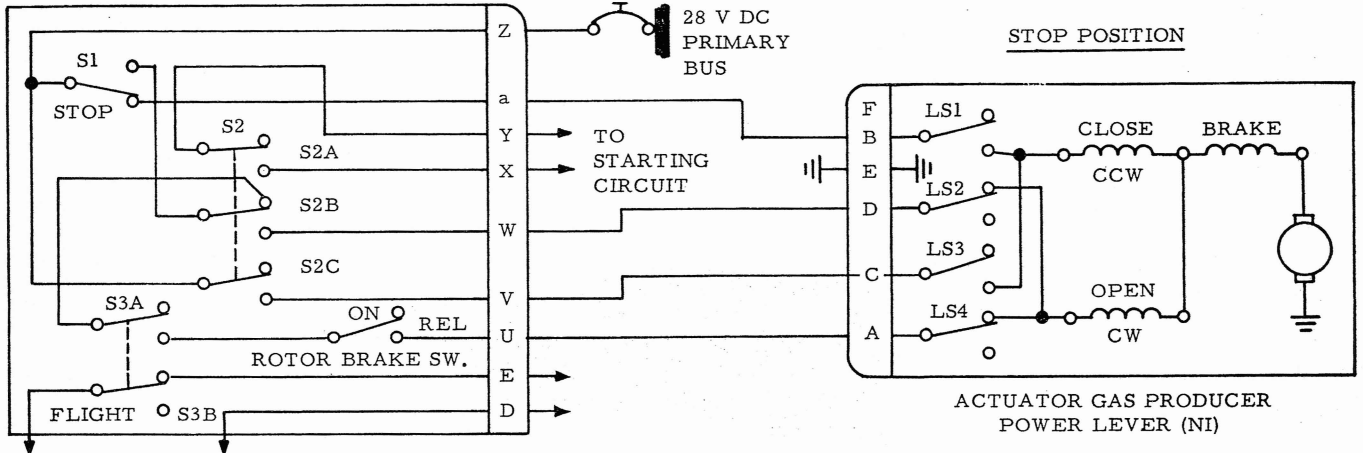
N2 ENGINE CONDITION CIRCUIT



HC-1B TRAINING CHART

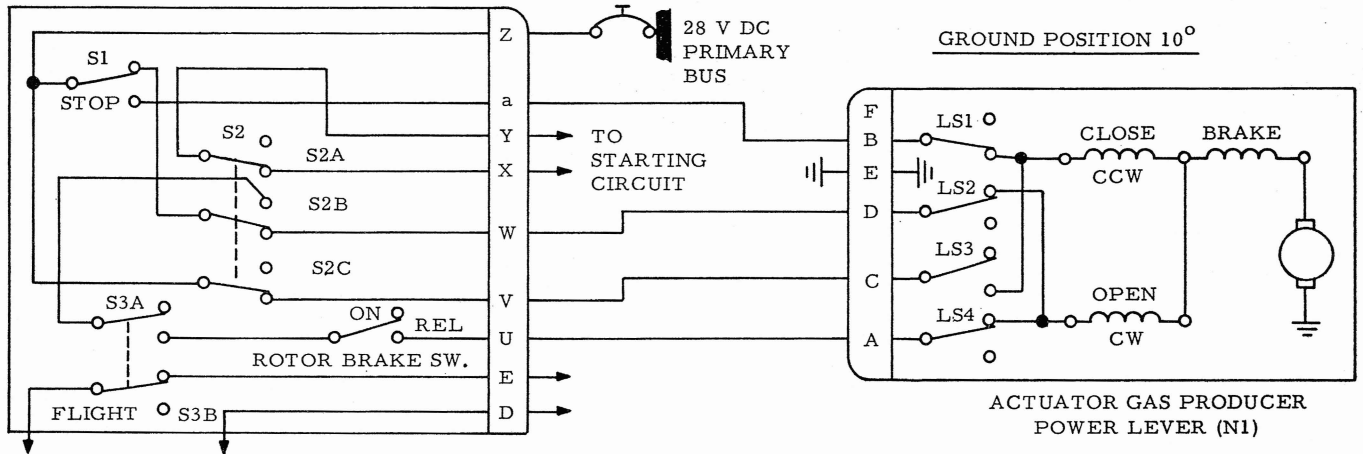
ENG. NO. 1 CONDITION CONTROL (N1)

N1 ENGINE CONDITION CIRCUIT



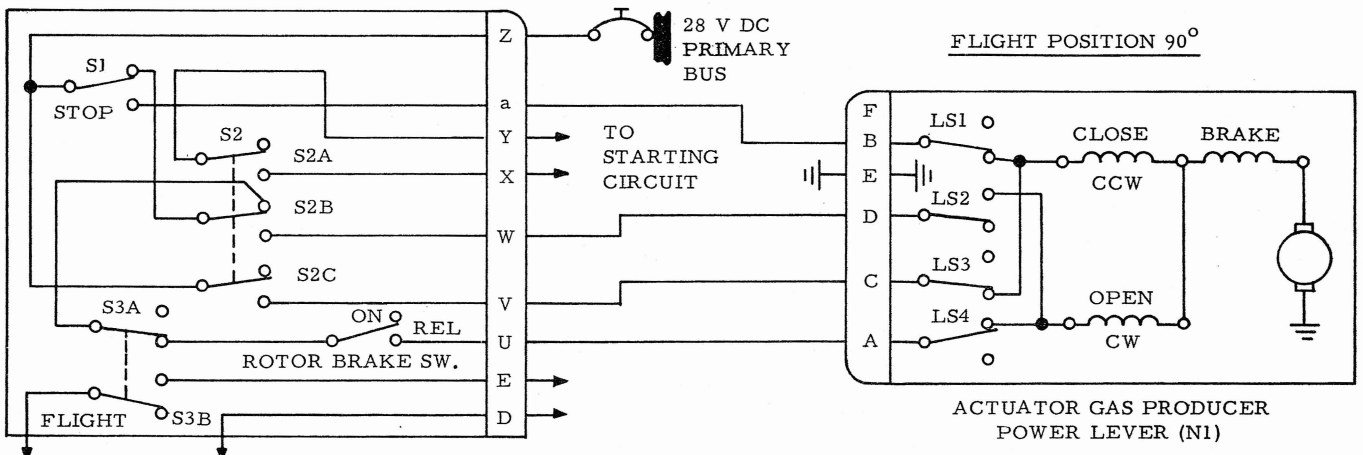
TO NO. 2 CONTROL

ENG. NO. 1 CONDITION CONTROL (N1)



TO NO. 2 CONTROL

ENG. NO. 1 CONDITION CONTROL (N1)



TO NO. 2 CONTROL

LIMIT SWITCH OPERATION

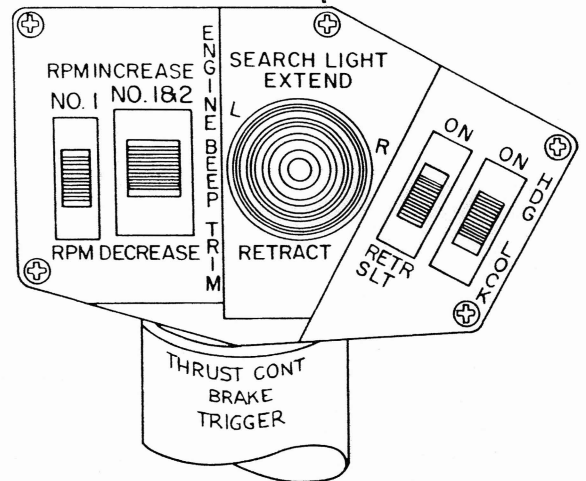
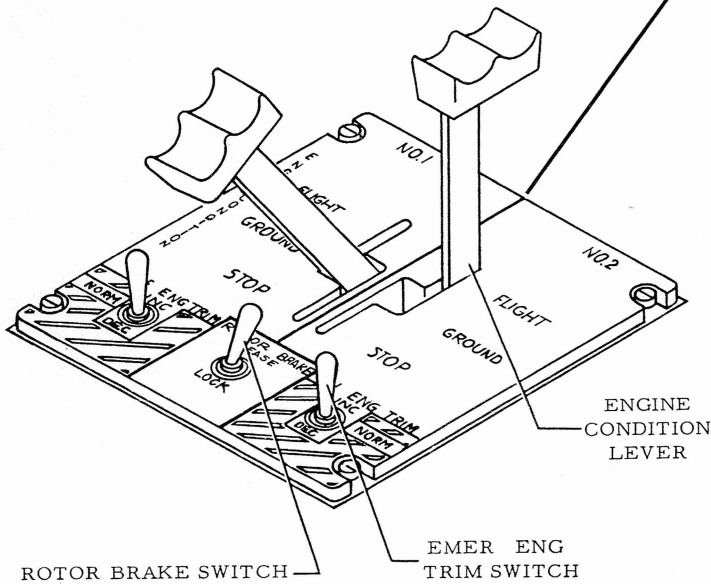
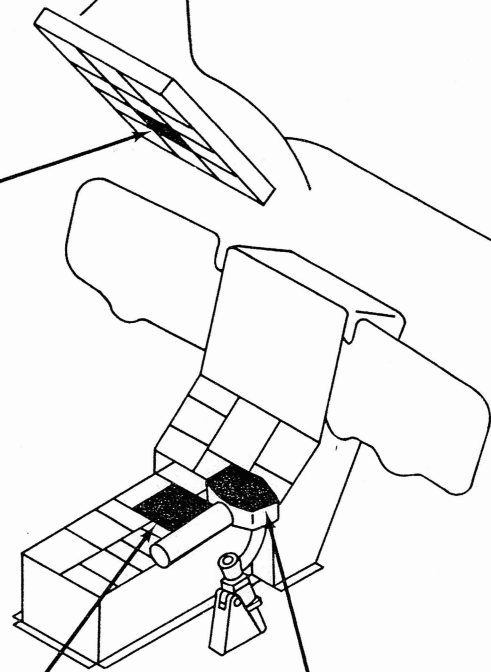
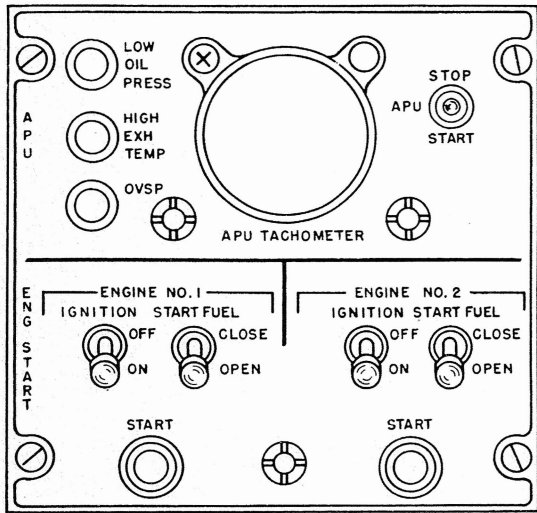
	0°	3°	10°	13°	90°	93°
LS1	OPEN				CLOSED	
LS2		CLOSED			OPEN	
LS3		OPEN			CLOSED	
LS4					CLOSED	OPEN

QUADRANT LEVER SWITCHES

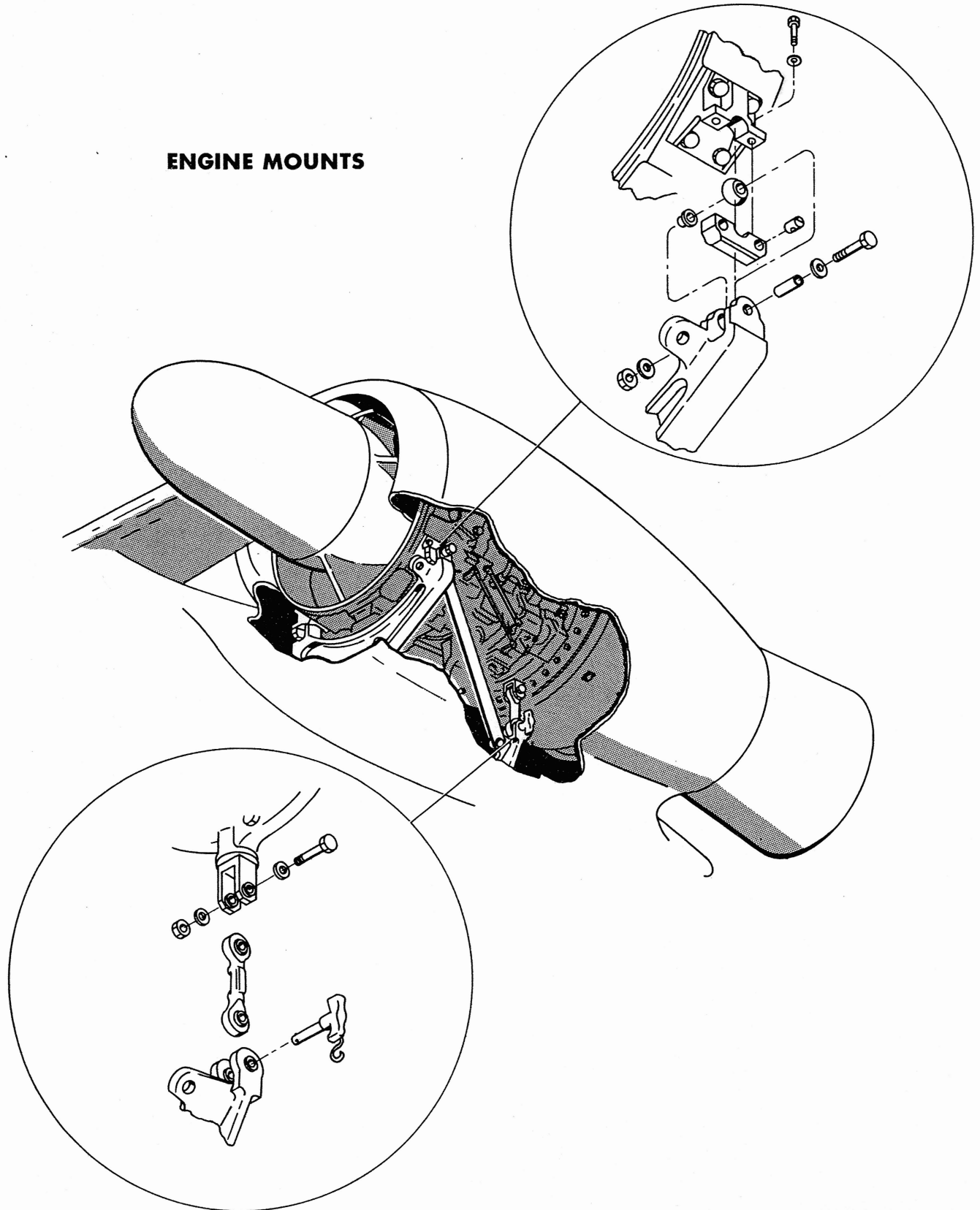
SWITCH LEGEND

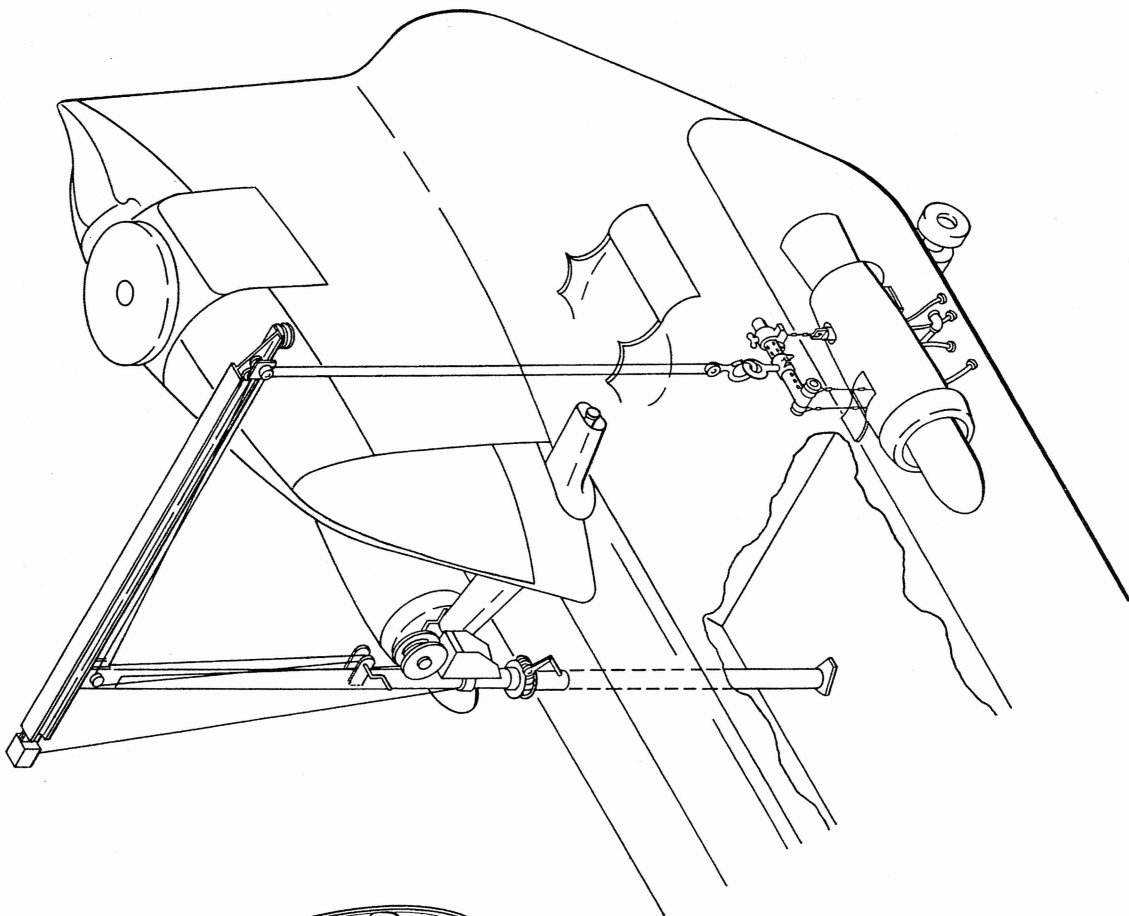
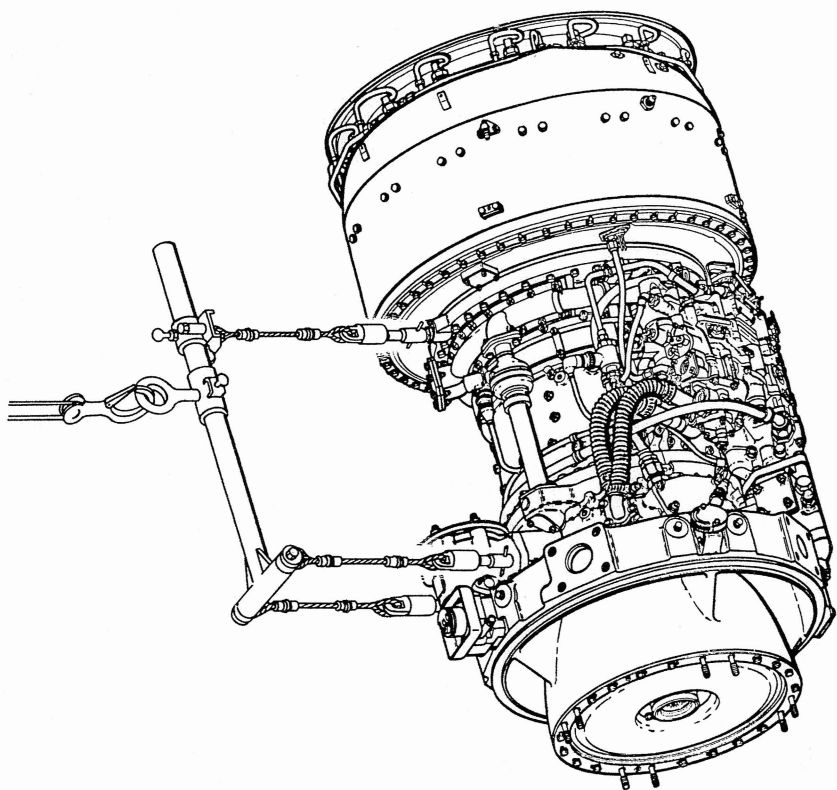
- S1 - CLOSED IN "STOP" POS.
OPEN IN "GROUND" & "FLIGHT" POS.
- S2 - OPEN IN "STOP" & "FLIGHT" POS.
CLOSED IN "GROUND" POS.
- S3 - OPEN IN "STOP" & "GROUND" POS.
CLOSED IN "FLIGHT" POS.

ENGINE CONTROLS

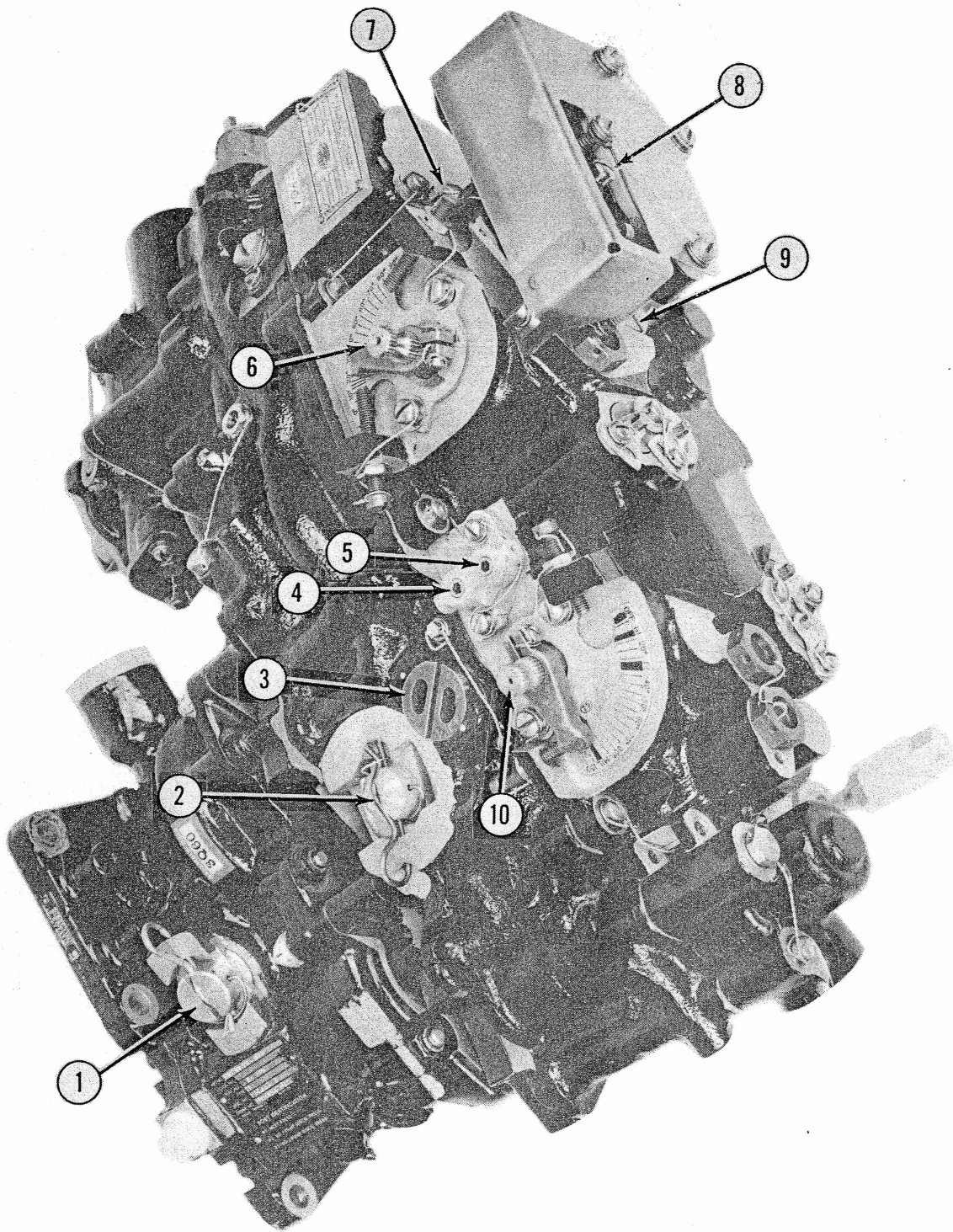


ENGINE MOUNTS



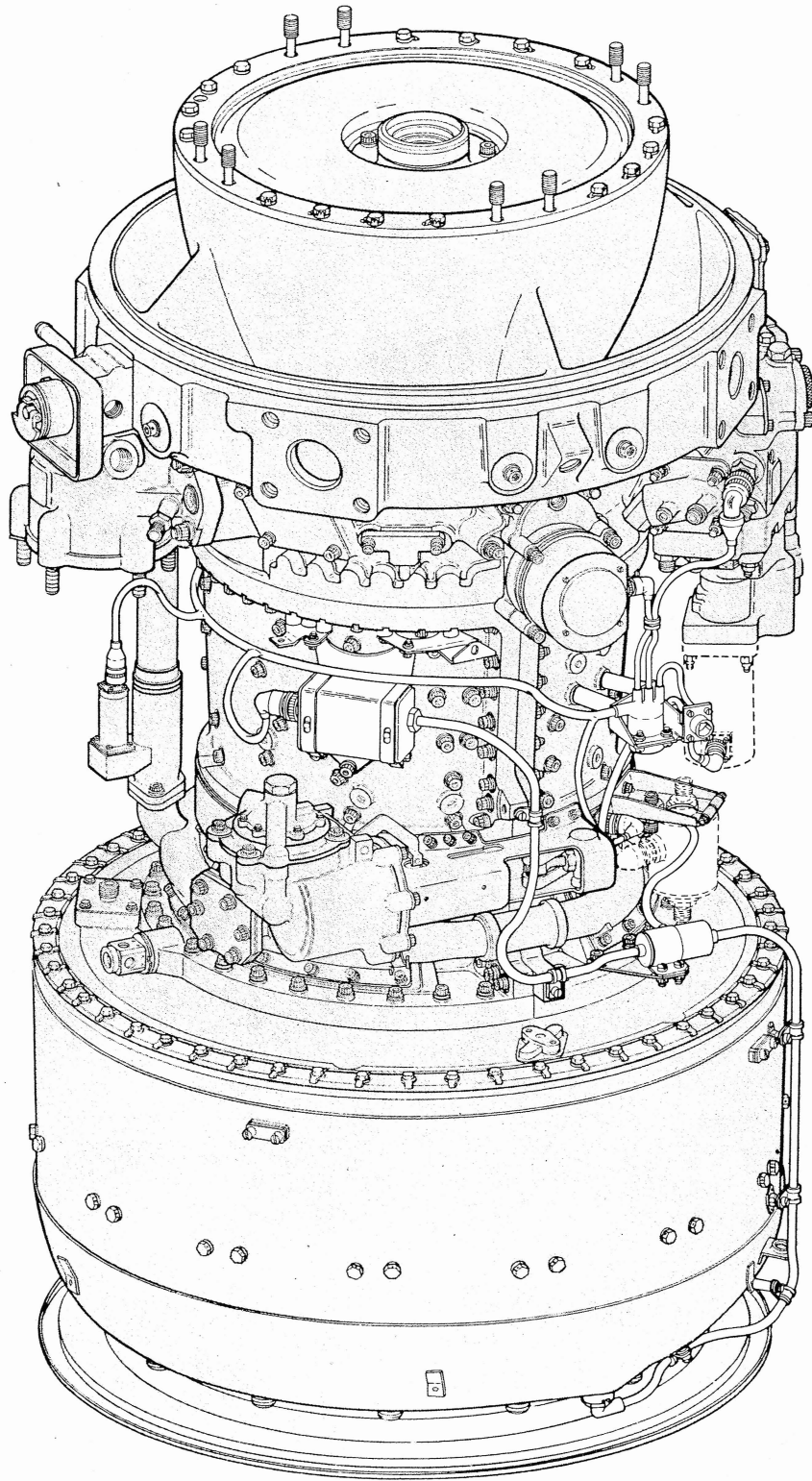


POWER PLANT REMOVAL

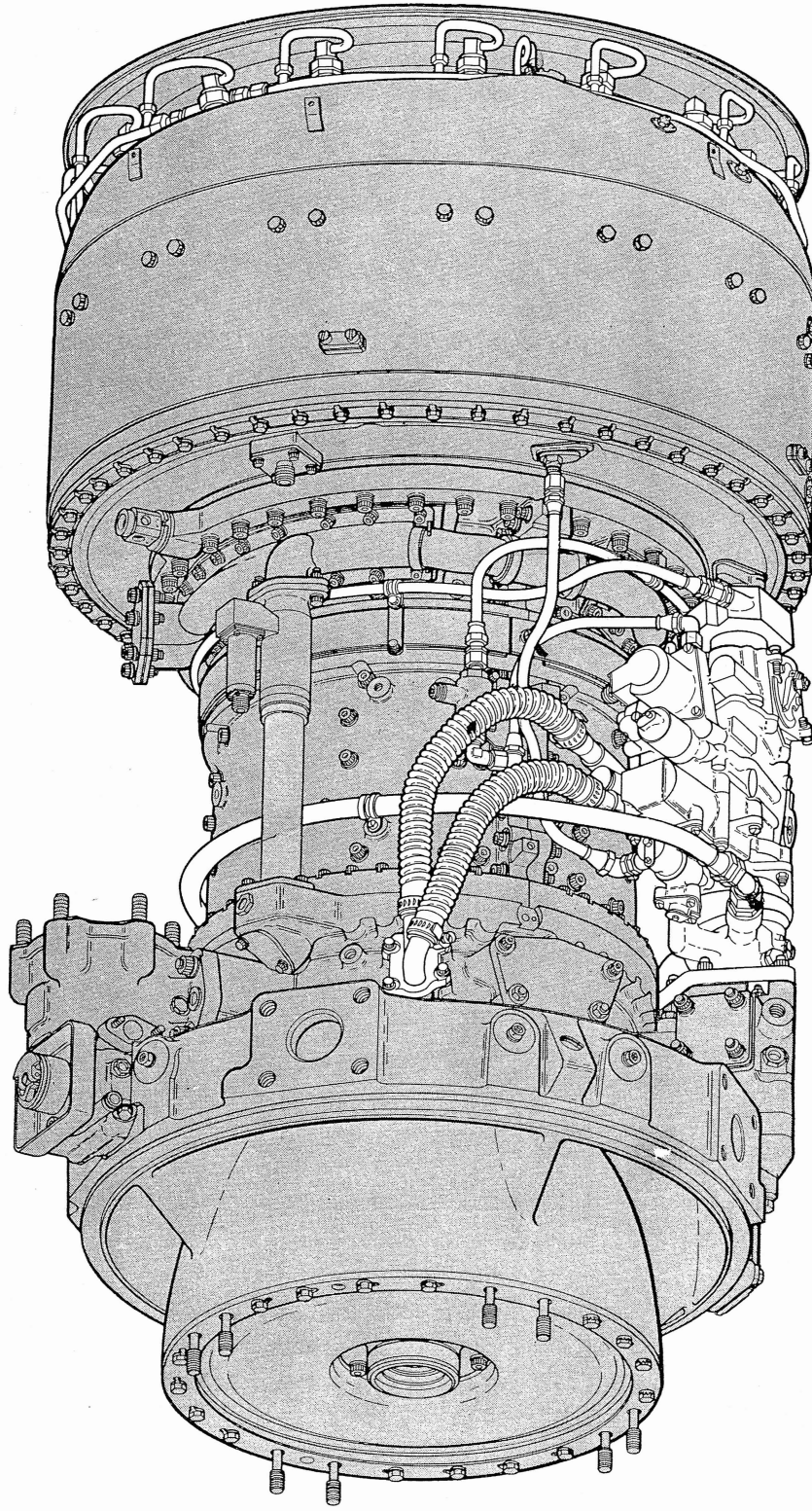


1. Pump Filter
2. Control Filter
3. Fuel Selector
4. Military Speed
5. Ground Idle Speed

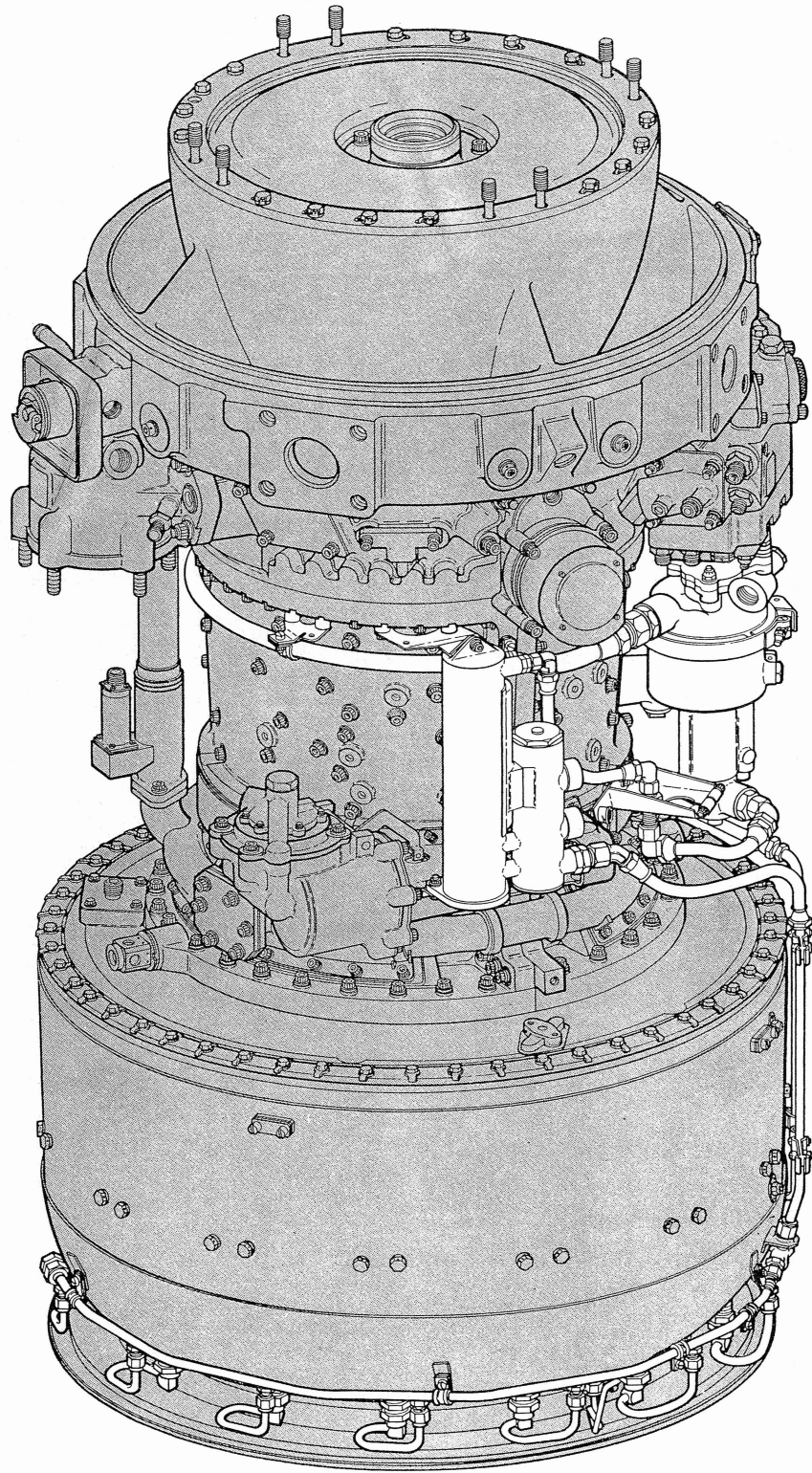
6. nII Control Shaft
7. Max. nII Speed Adj. Screw
8. Interstage Air Bleed Adj. Screw
9. Acceleration Fuel Flow Limit
10. nI Control Shaft



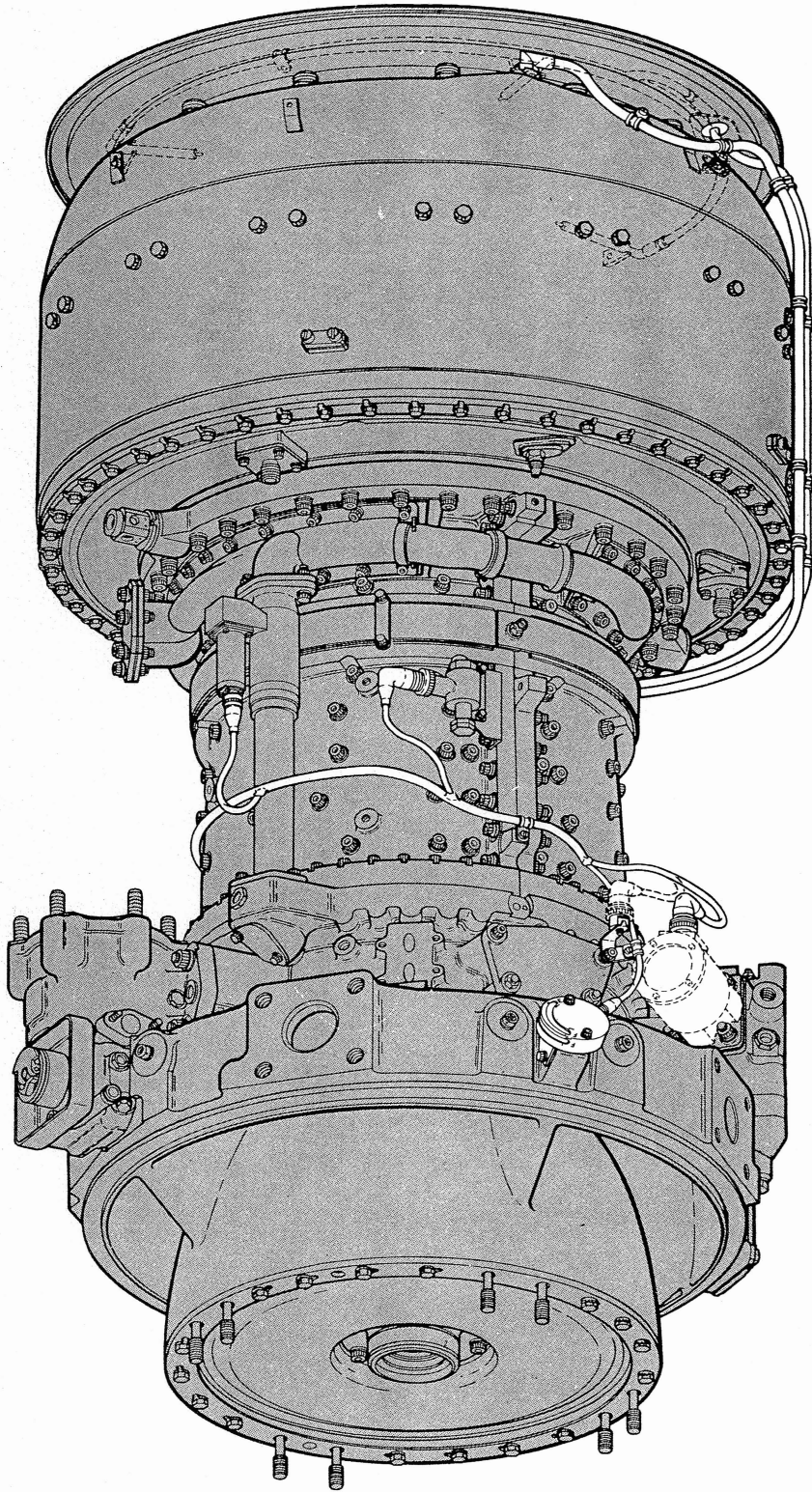
Right Side
Electrical System - External Components



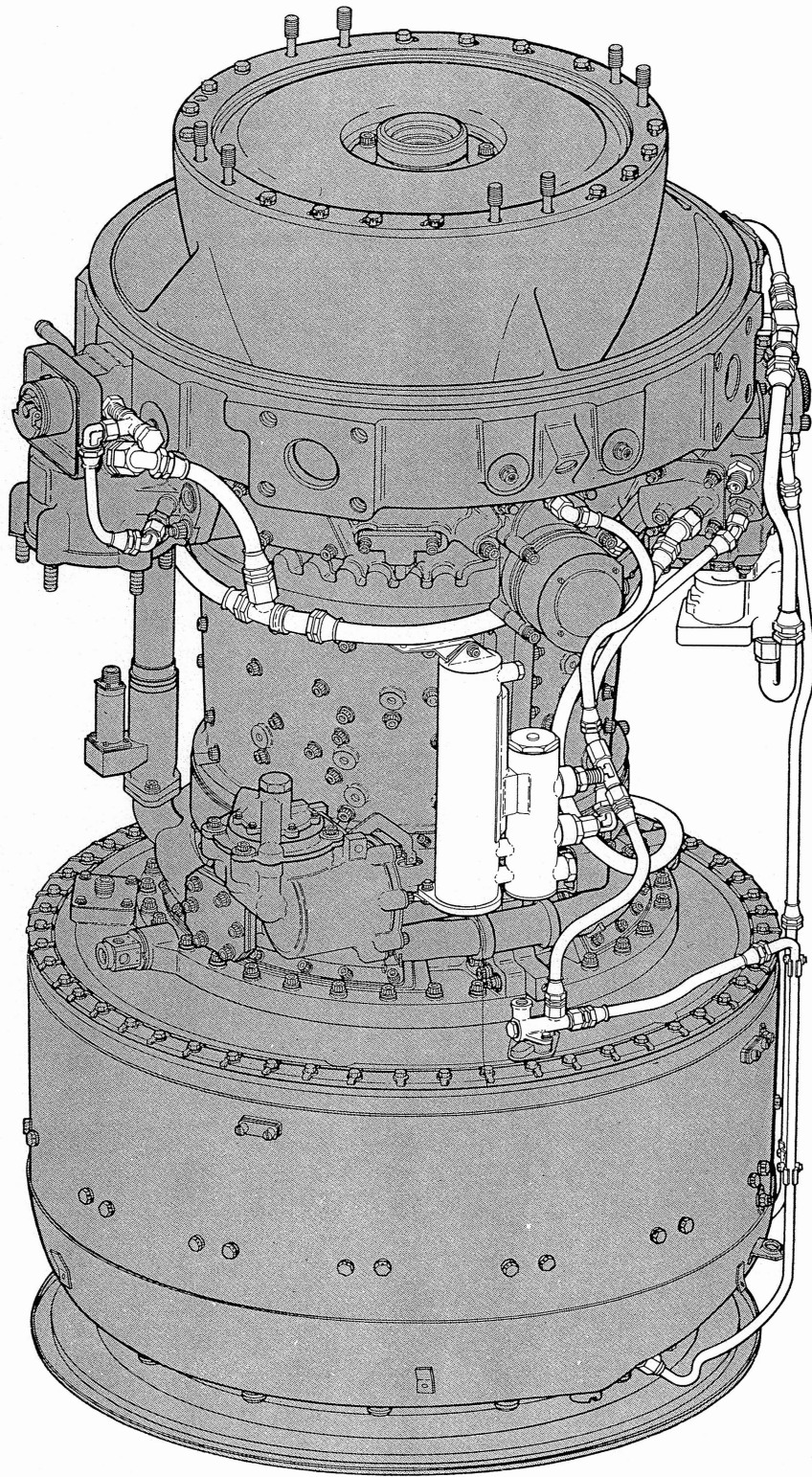
Left Side



Fuel System-External Components

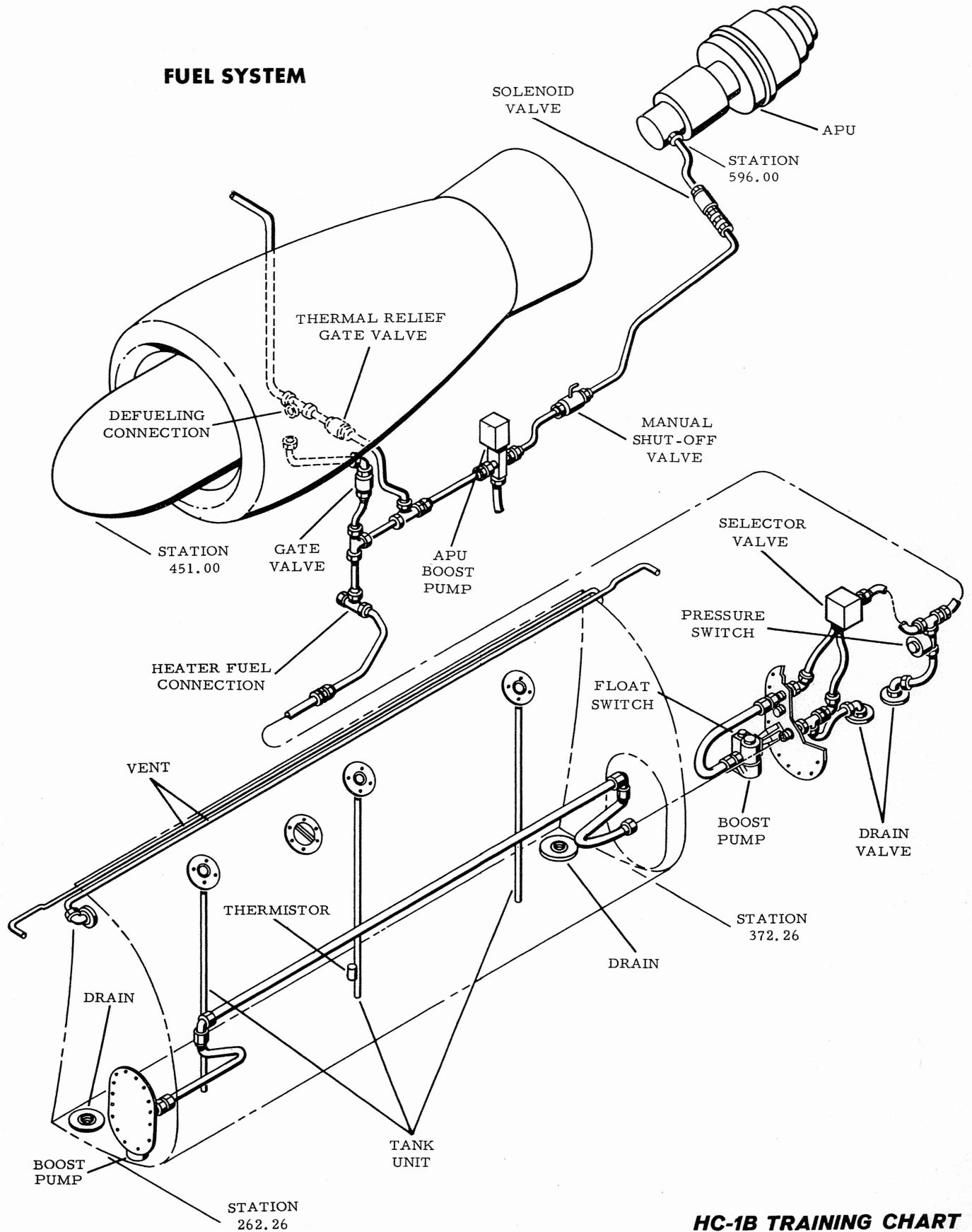


Left Side

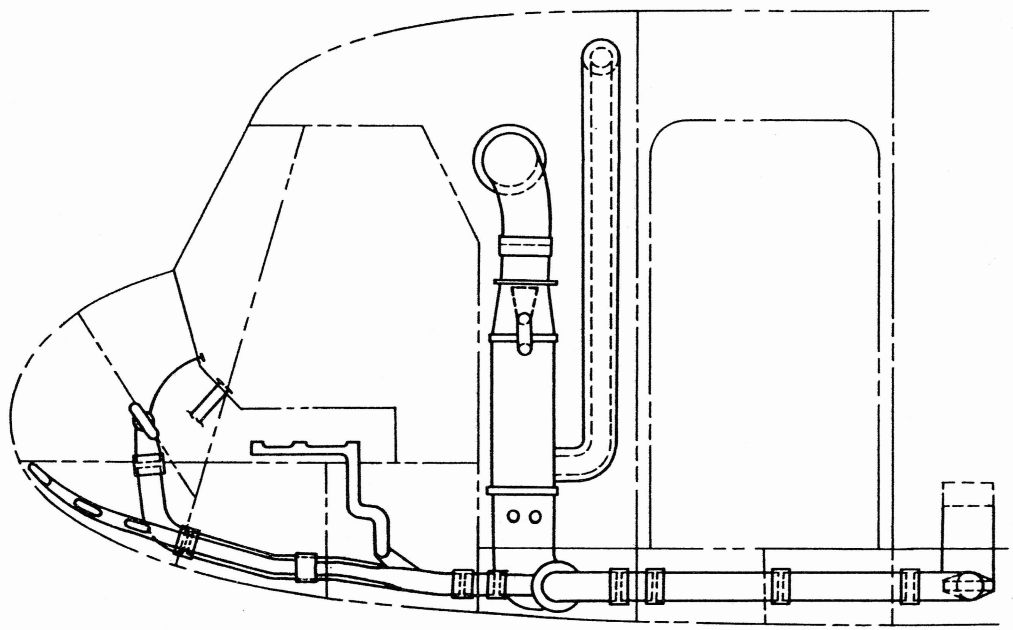
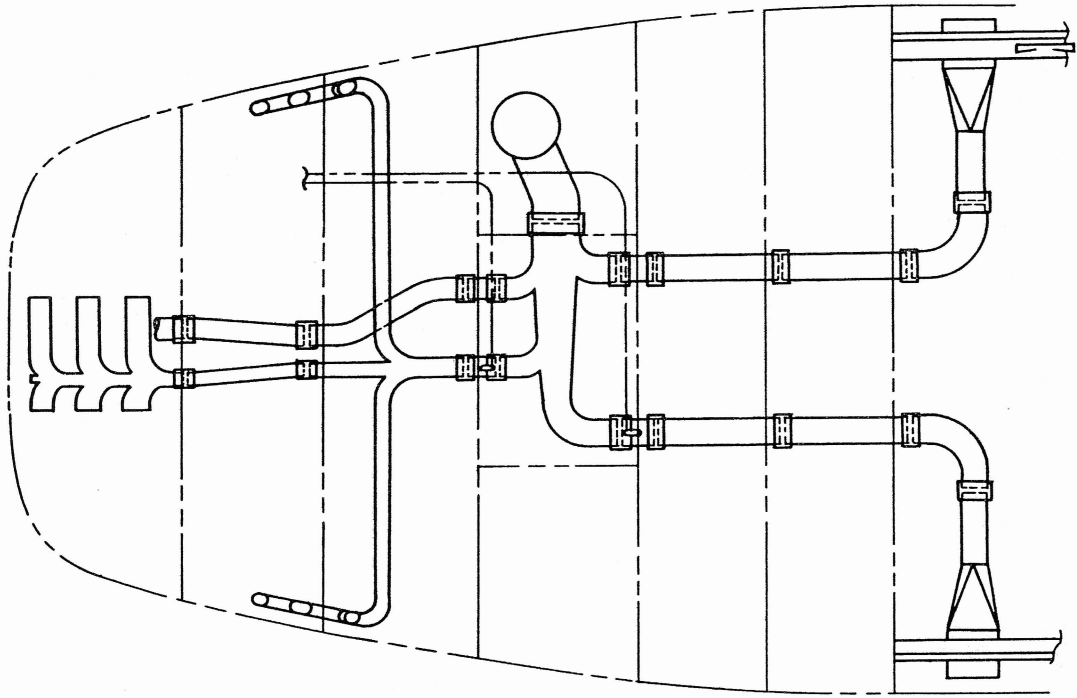


Lubrication System - External Components

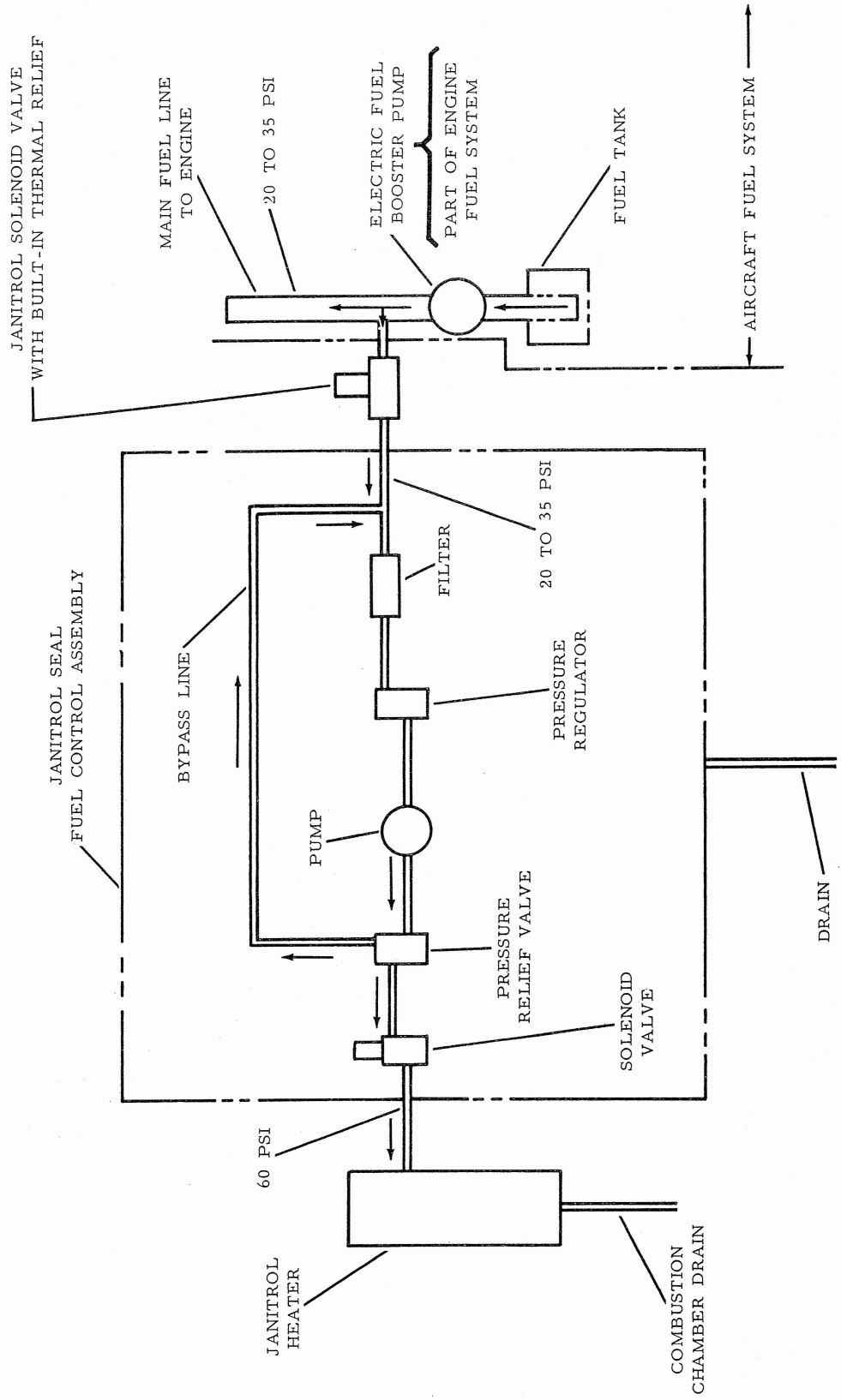
FUEL SYSTEM



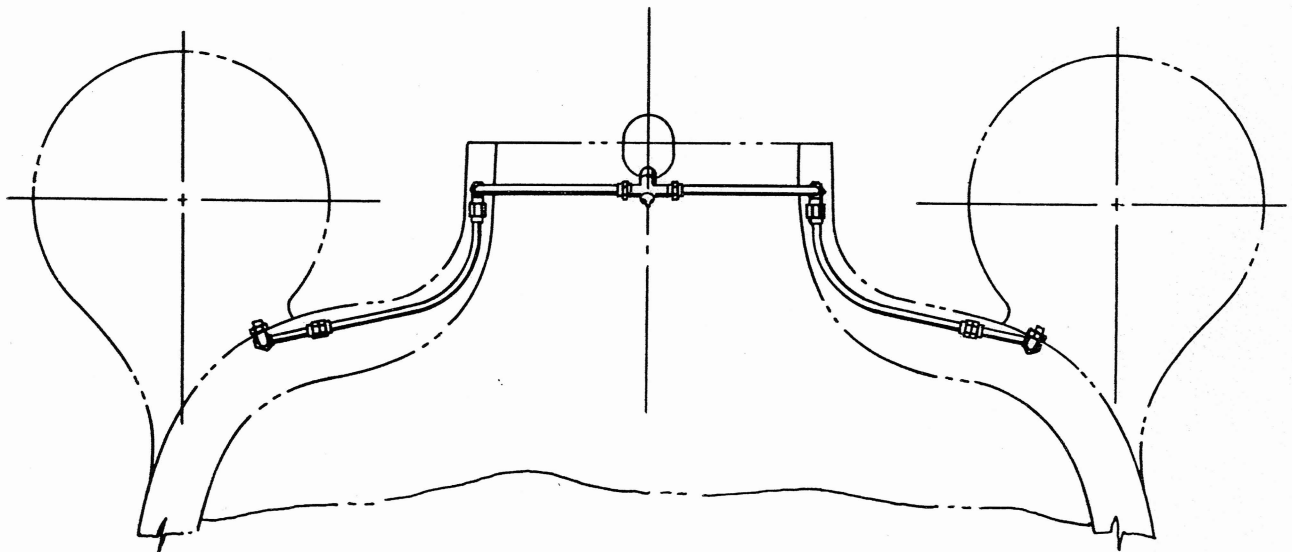
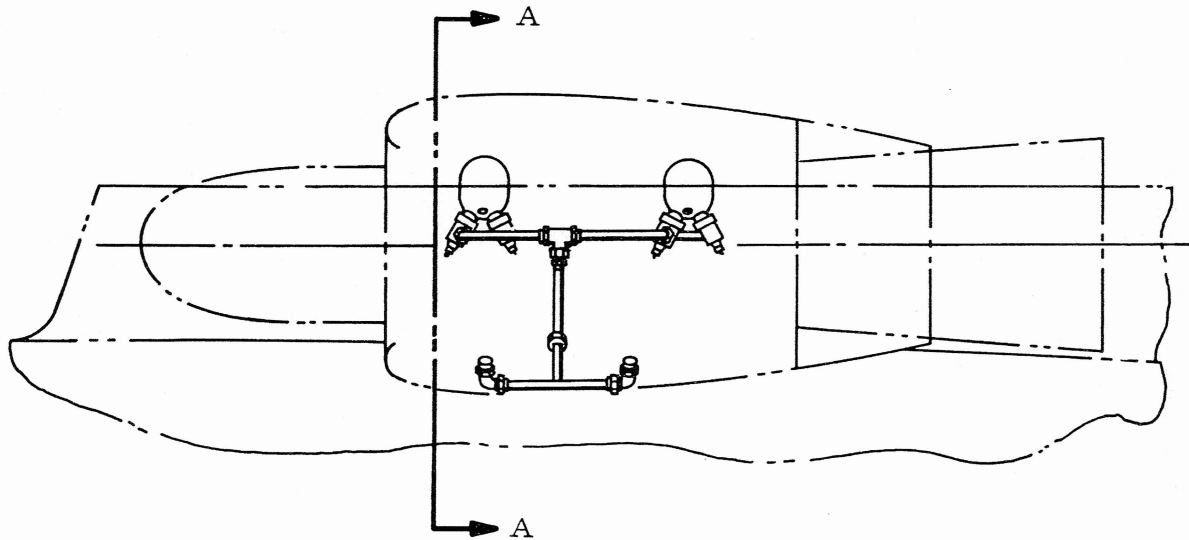
HEATER INSTALLATION



HEATER FUEL SYSTEM SCHEMATIC

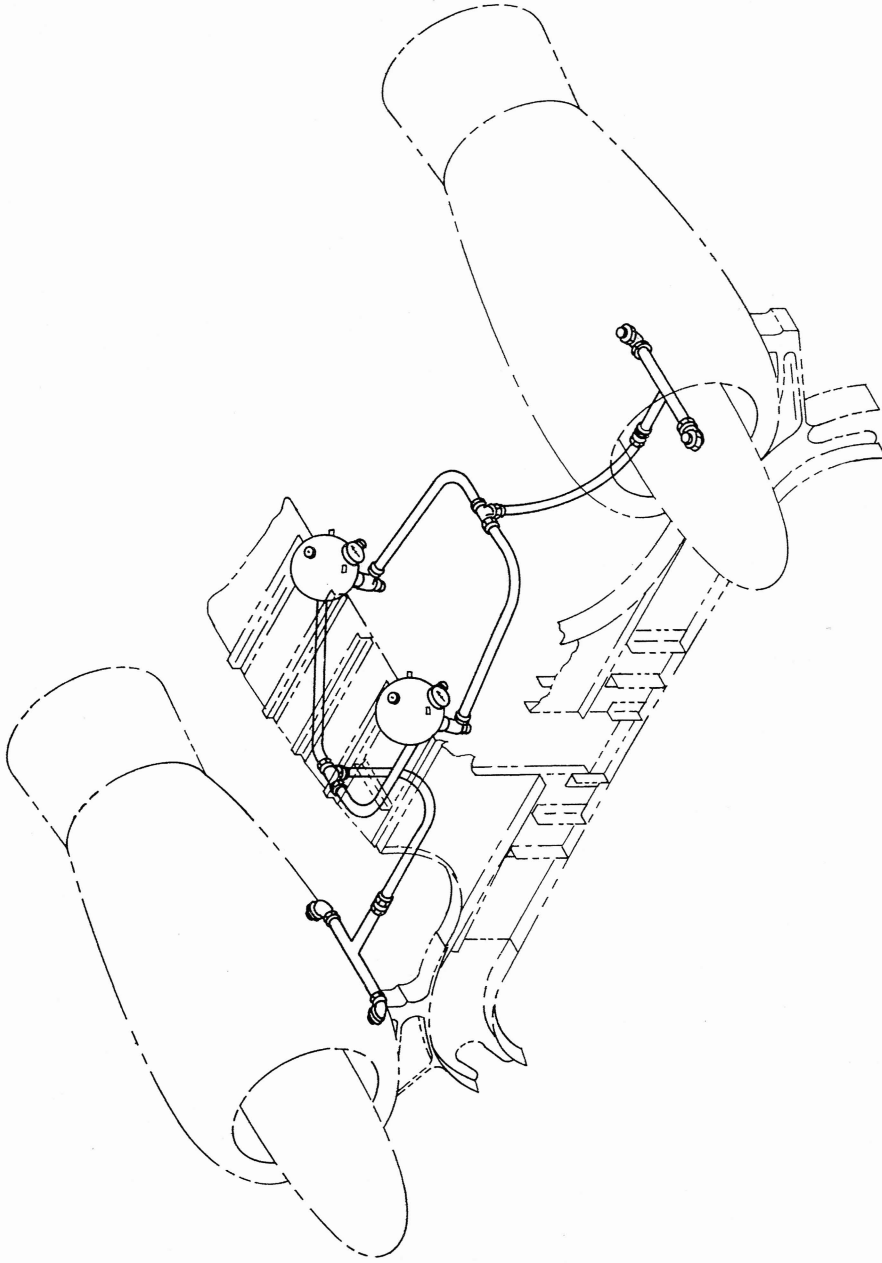


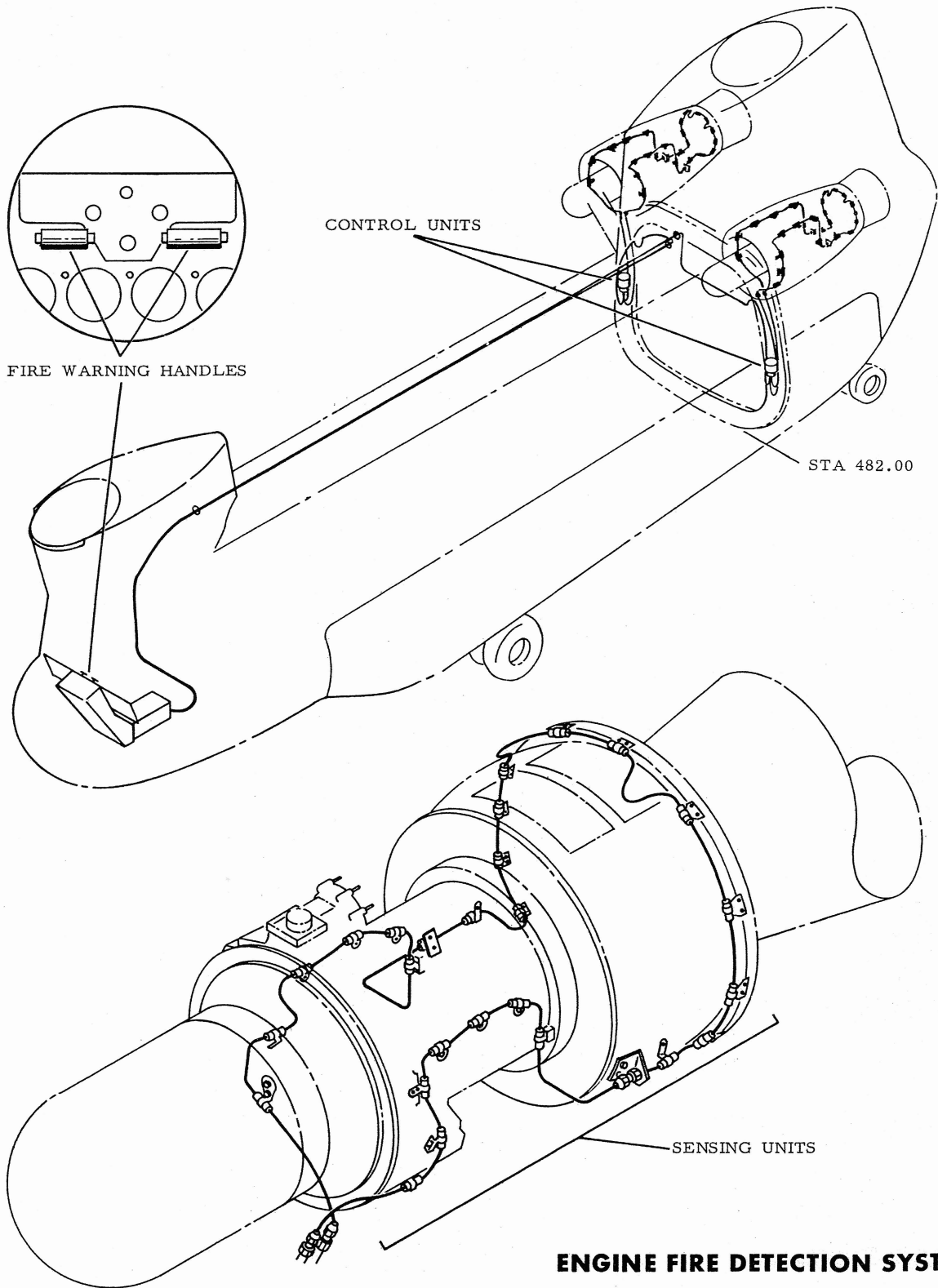
FIRE EXTINGUISHING SYSTEM



SECTION A-A

ENGINE FIRE EXTINGUISHING SYSTEM

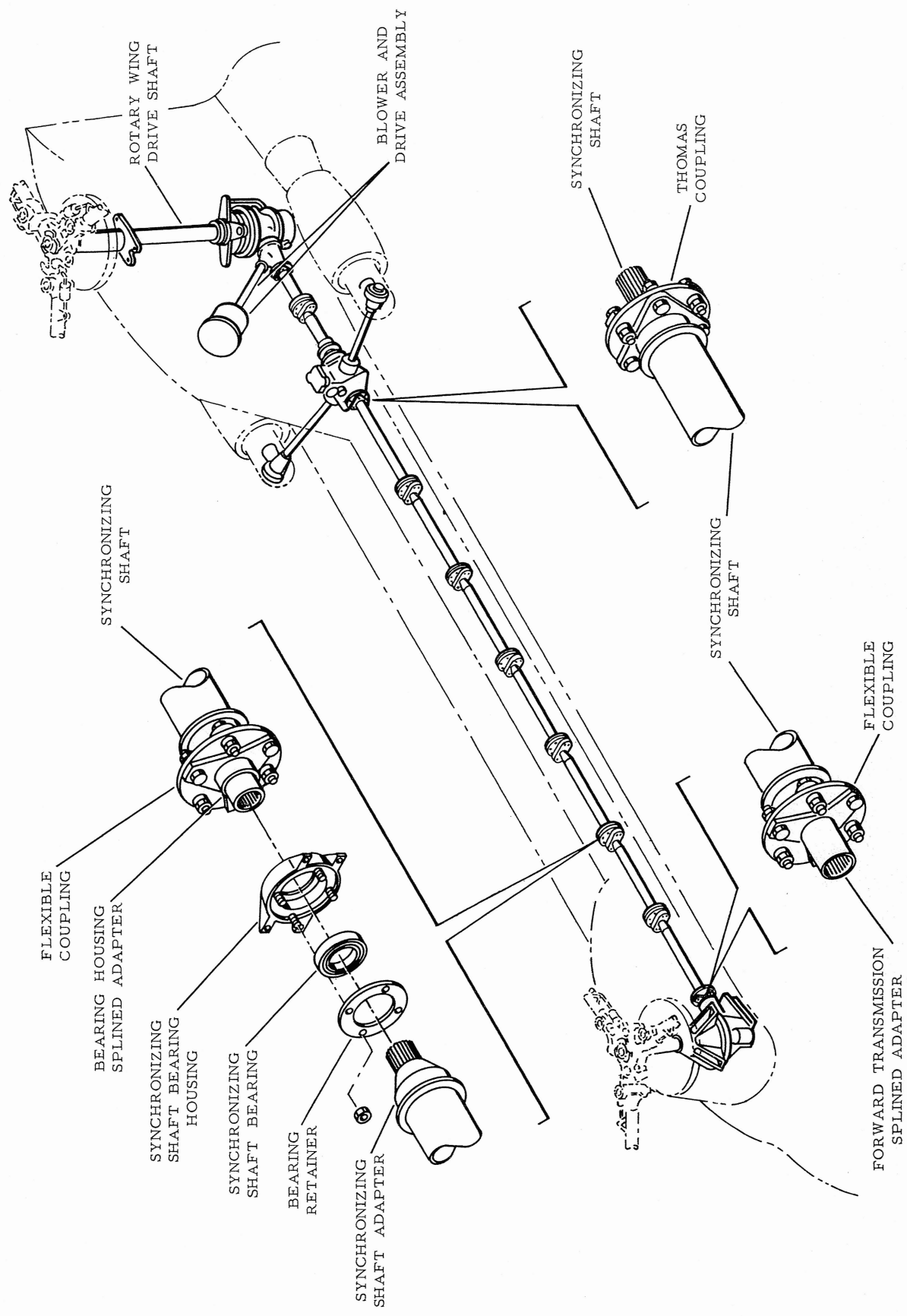




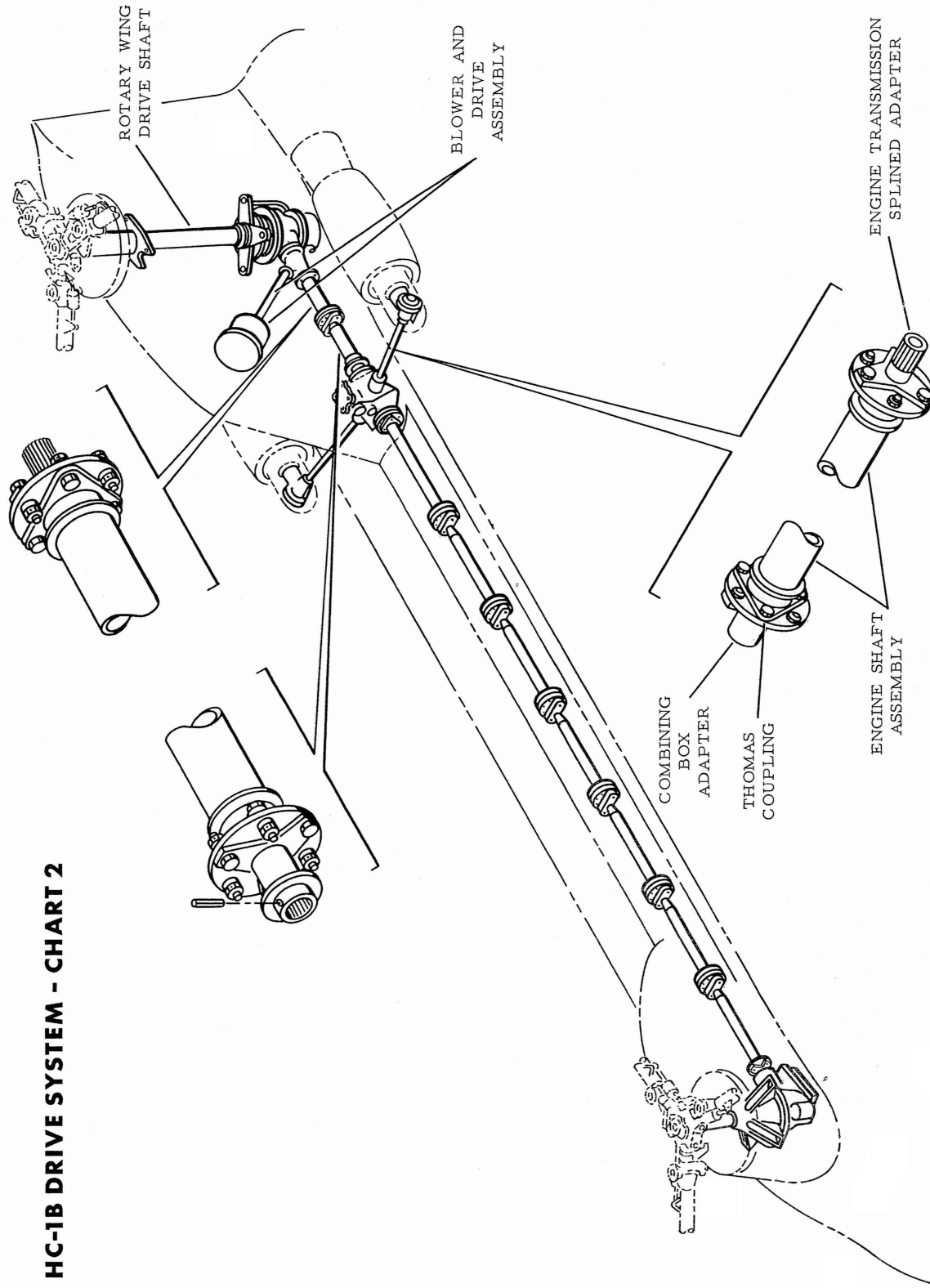
HC-1B TRAINING CHART

ENGINE FIRE DETECTION SYSTEM

HC-1B DRIVE SYSTEM - CHART 1

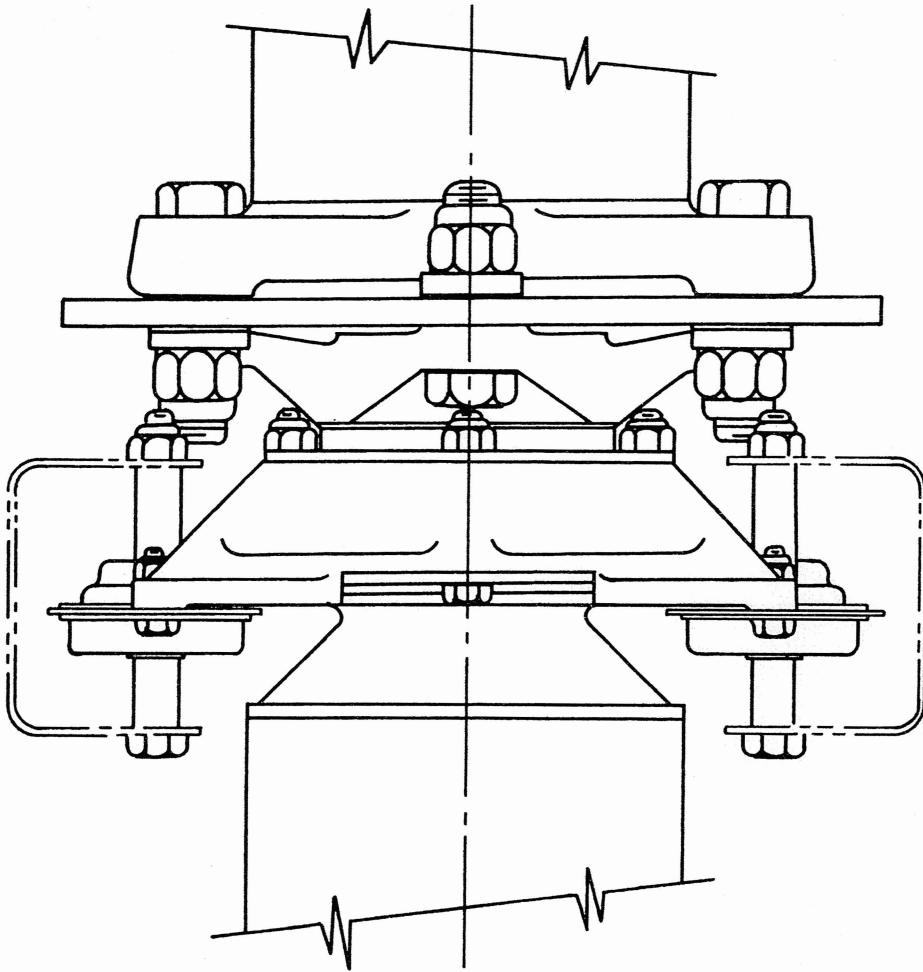


HC-1B DRIVE SYSTEM - CHART 2

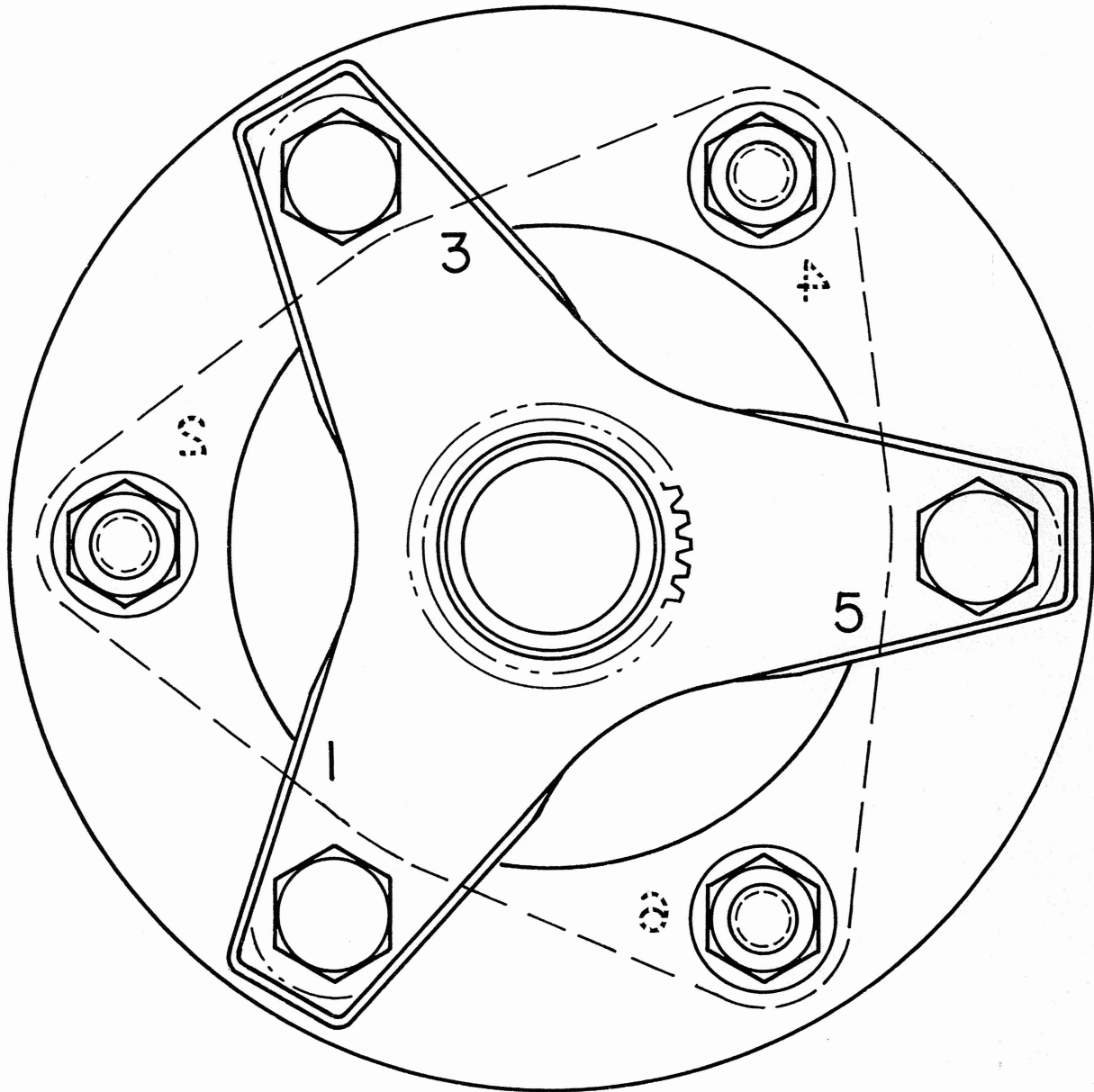


HC-1B TRAINING CHART

DRIVE SHAFT MOUNTING

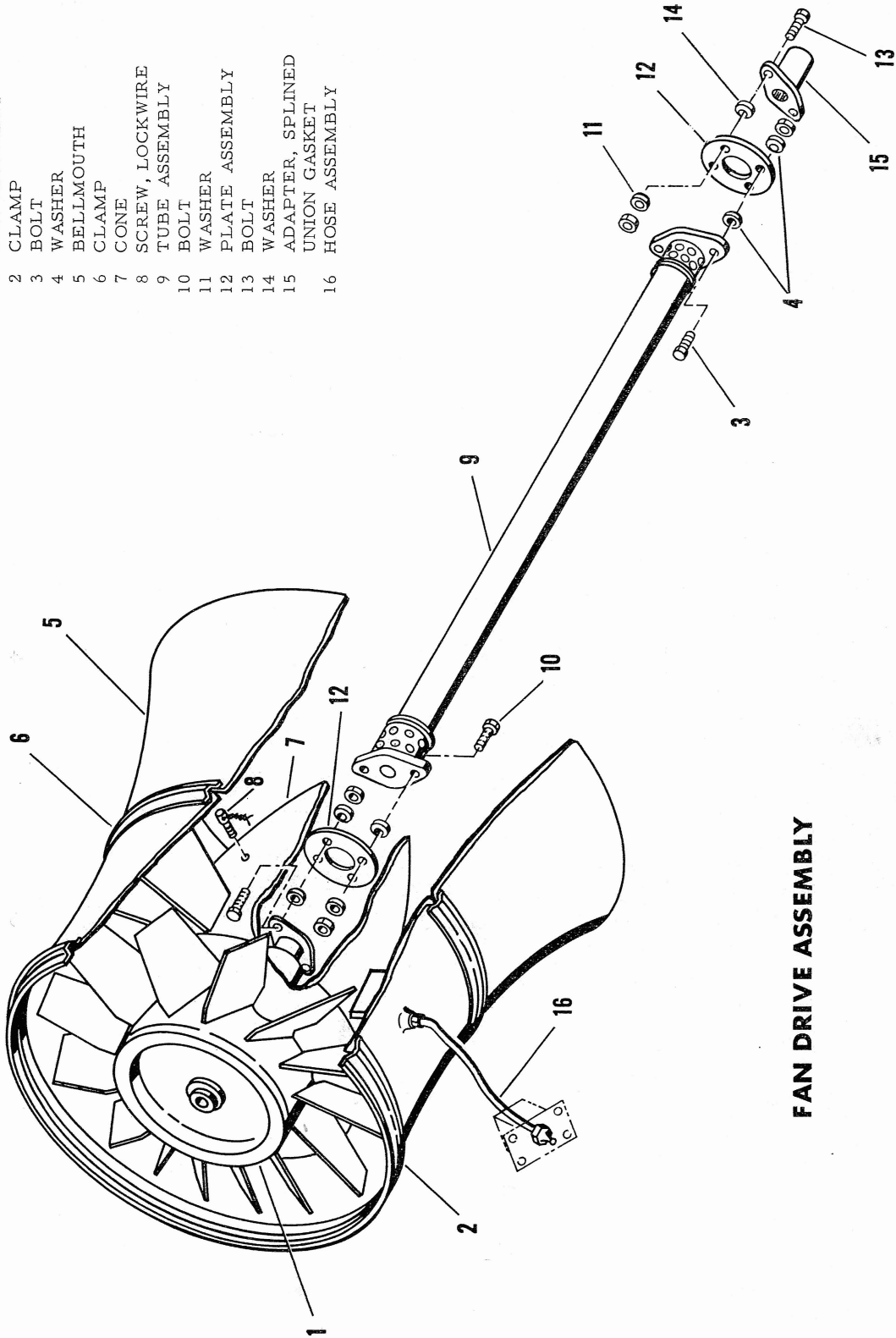


SHAFT ADAPTER - ENGINE TO COMBINING TRANSMISSION

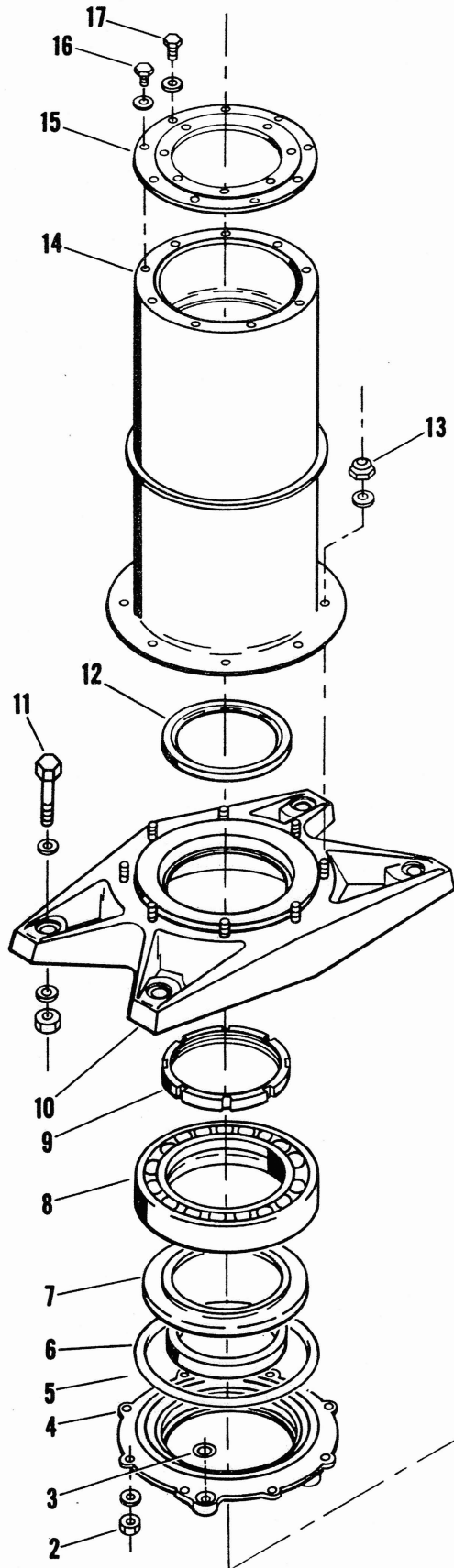


END VIEW

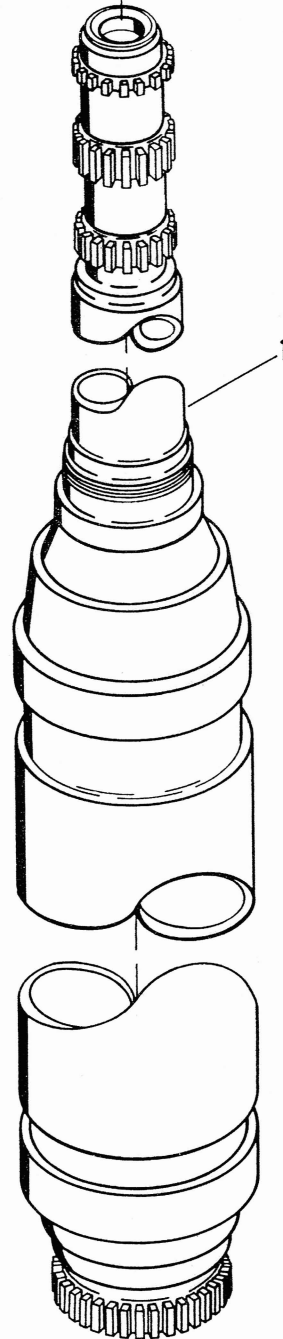
- 1 FAN ASSEMBLY
- 2 CLAMP
- 3 BOLT
- 4 WASHER
- 5 BELLMOUTH
- 6 CLAMP
- 7 CONE
- 8 SCREW, LOCKWIRE
- 9 TUBE ASSEMBLY
- 10 BOLT
- 11 WASHER
- 12 PLATE ASSEMBLY
- 13 BOLT
- 14 WASHER
- 15 ADAPTER, SPLINED
- 16 UNION GASKET
- HOSE ASSEMBLY



FAN DRIVE ASSEMBLY

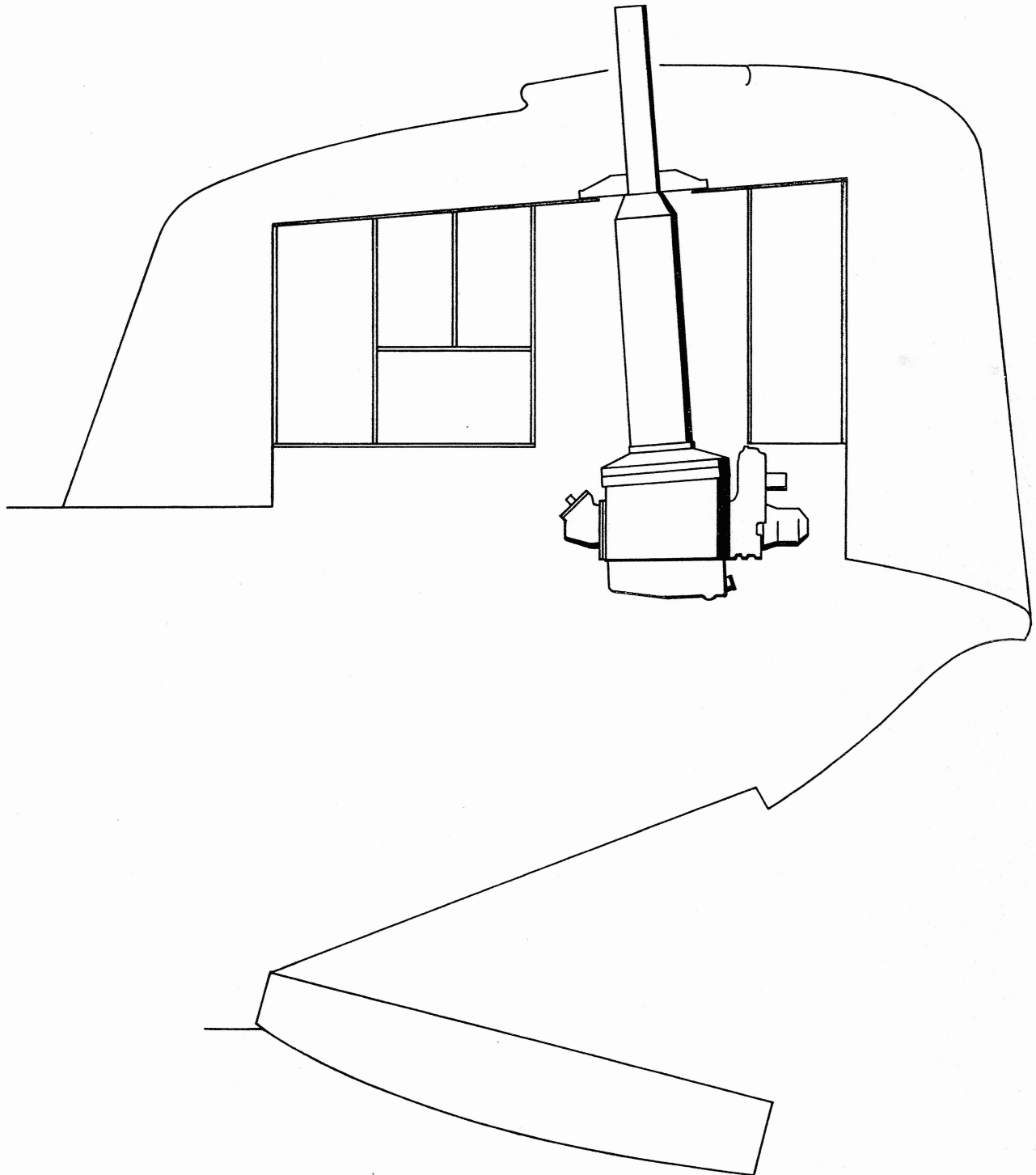


- 1 Aft Rotary Wing Drive Shaft
- 2 Nut
- 3 Preformed Packing
- 4 Bearing Retainer
- 5 Preformed Packing
- 6 Oil Seal
- 7 Slinger
- 8 Bearing
- 9 Nut
- 10 Housing Assembly
- 11 Bolt
- 12 Oil Seal
- 13 Nut
- 14 Slider Shaft Assembly
- 15 Seal Assembly
- 16 Bolt
- 17 Bolt

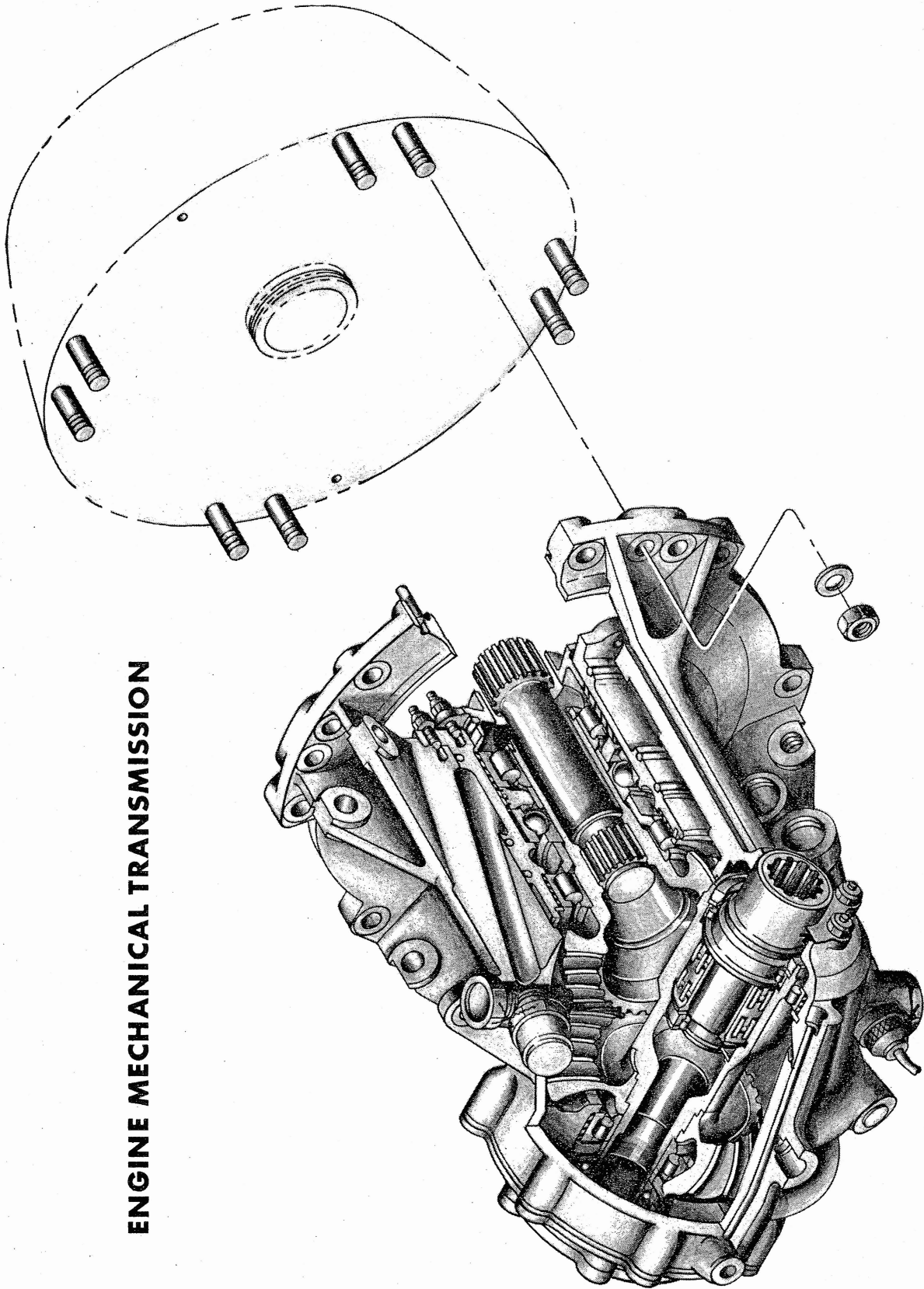


AFT ROTARY WING DRIVE SHAFT

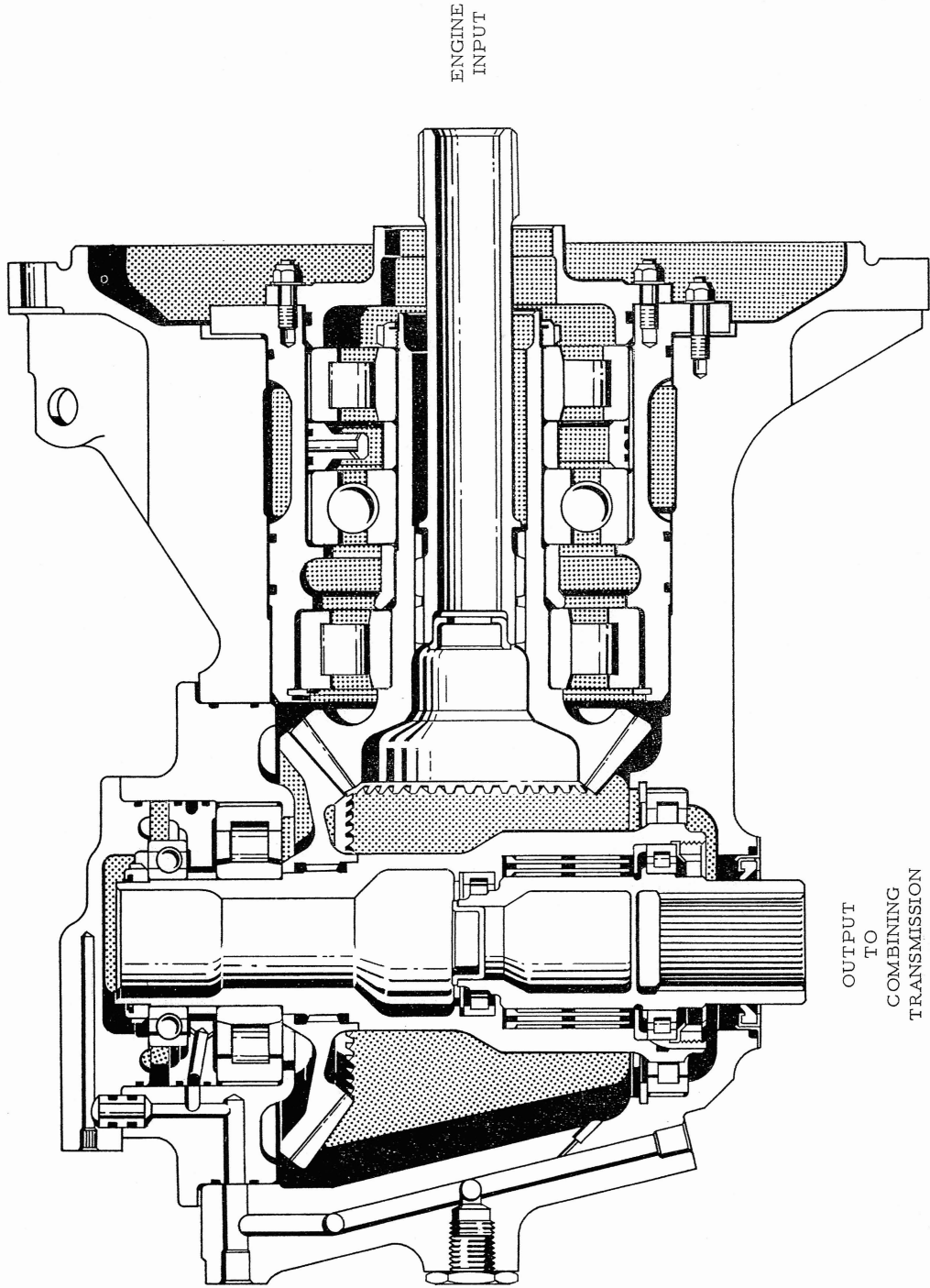
VERTICAL DRIVE SHAFT INSTALLATION



ENGINE MECHANICAL TRANSMISSION



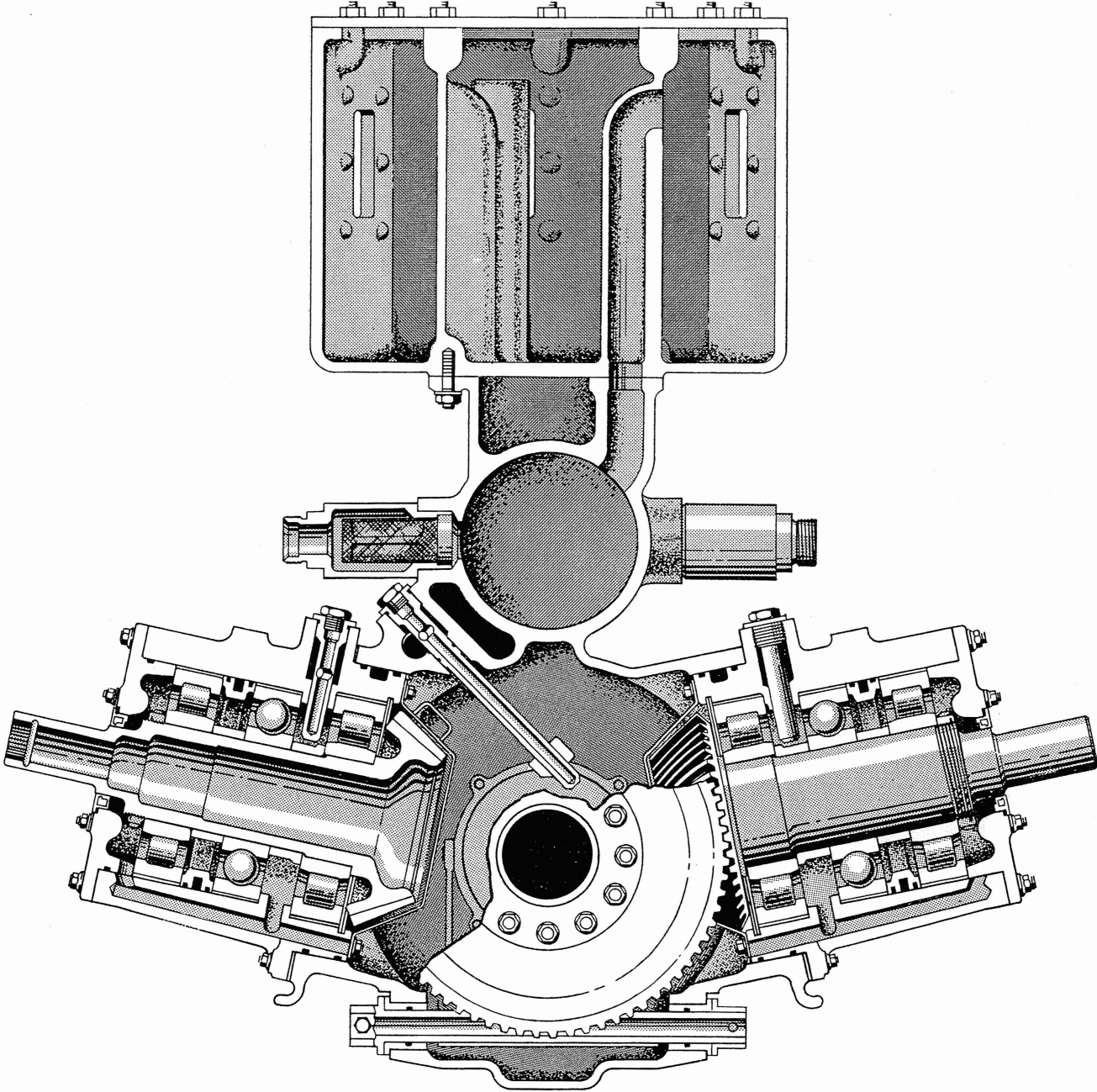
HC-1B ENGINE TRANSMISSION

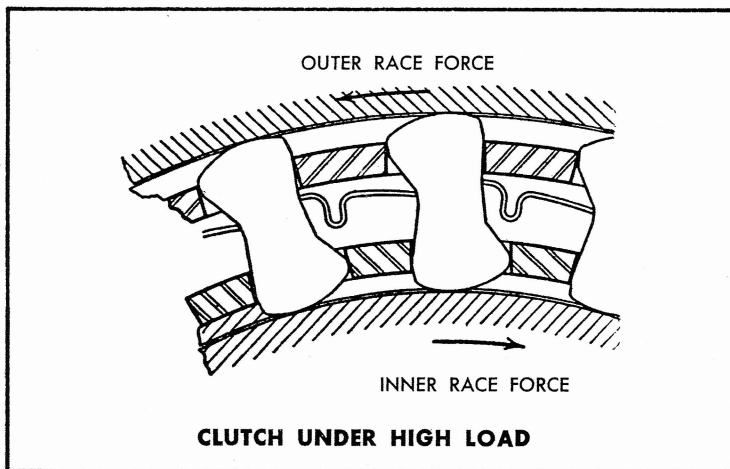
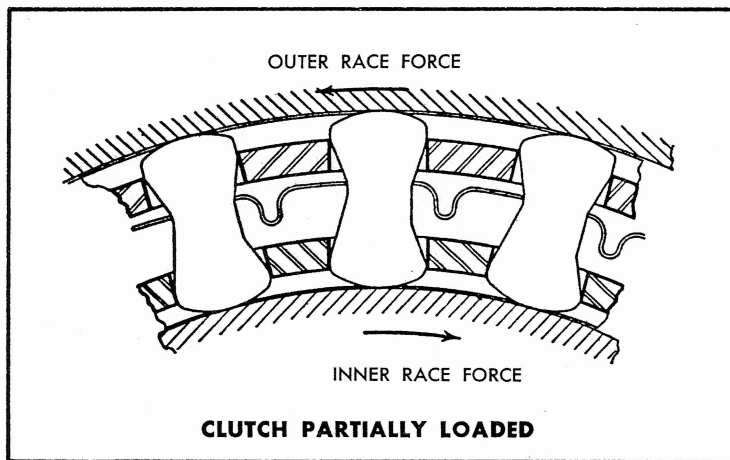
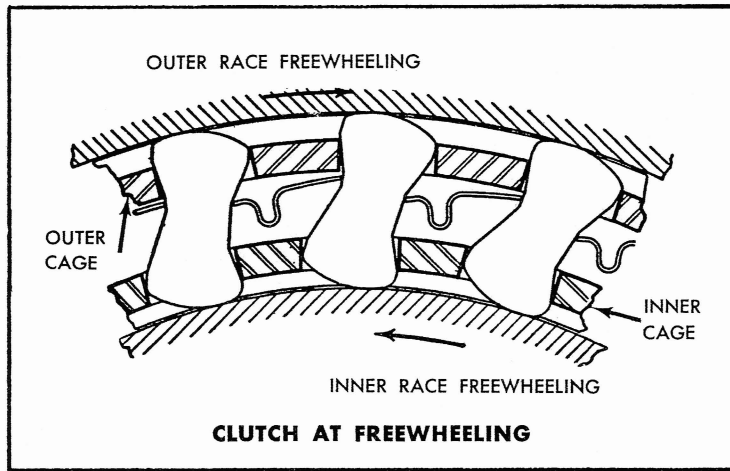


ENGINE
INPUT

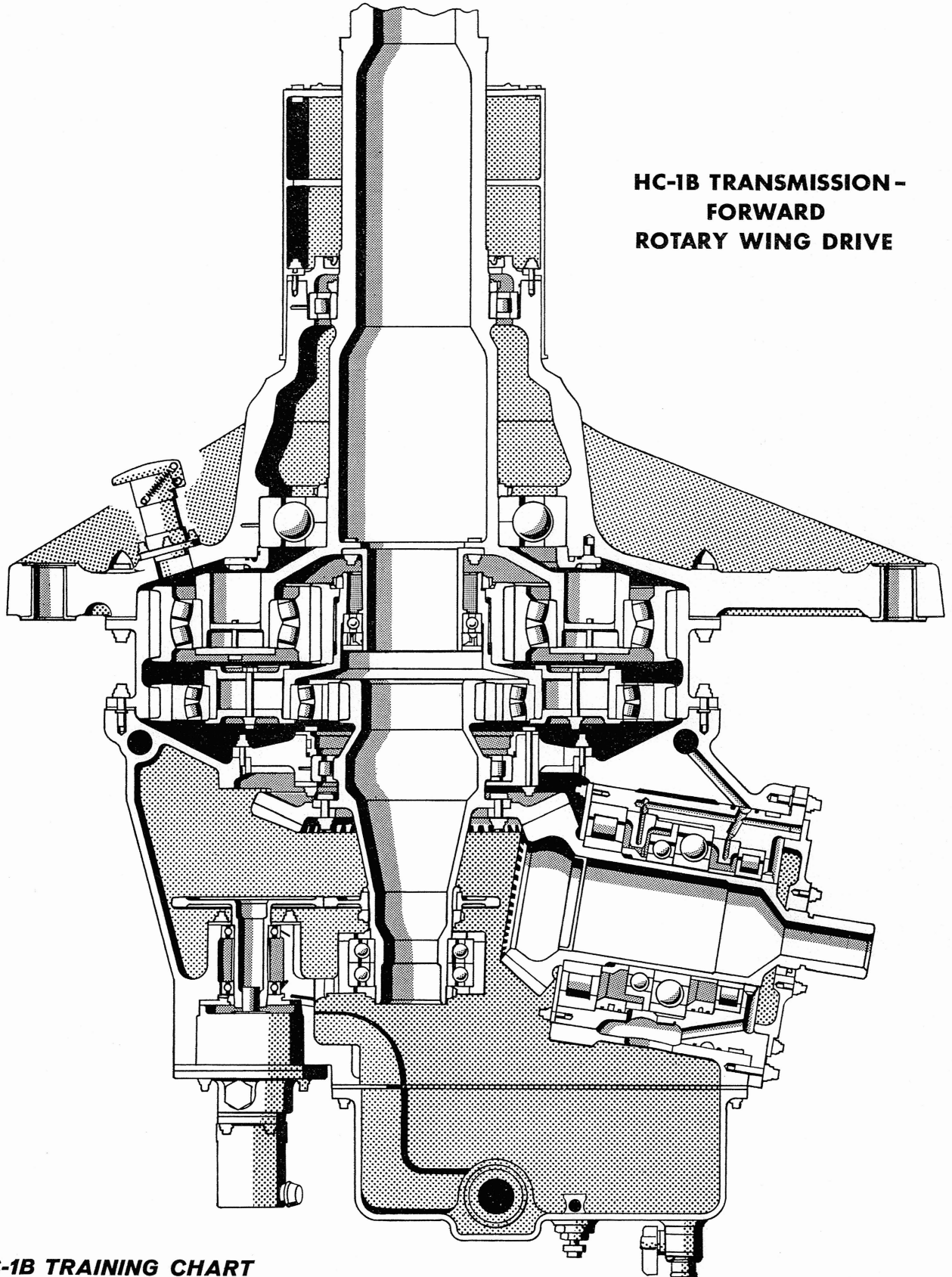
OUTPUT
TO
COMBINING
TRANSMISSION

COMBINING TRANSMISSION



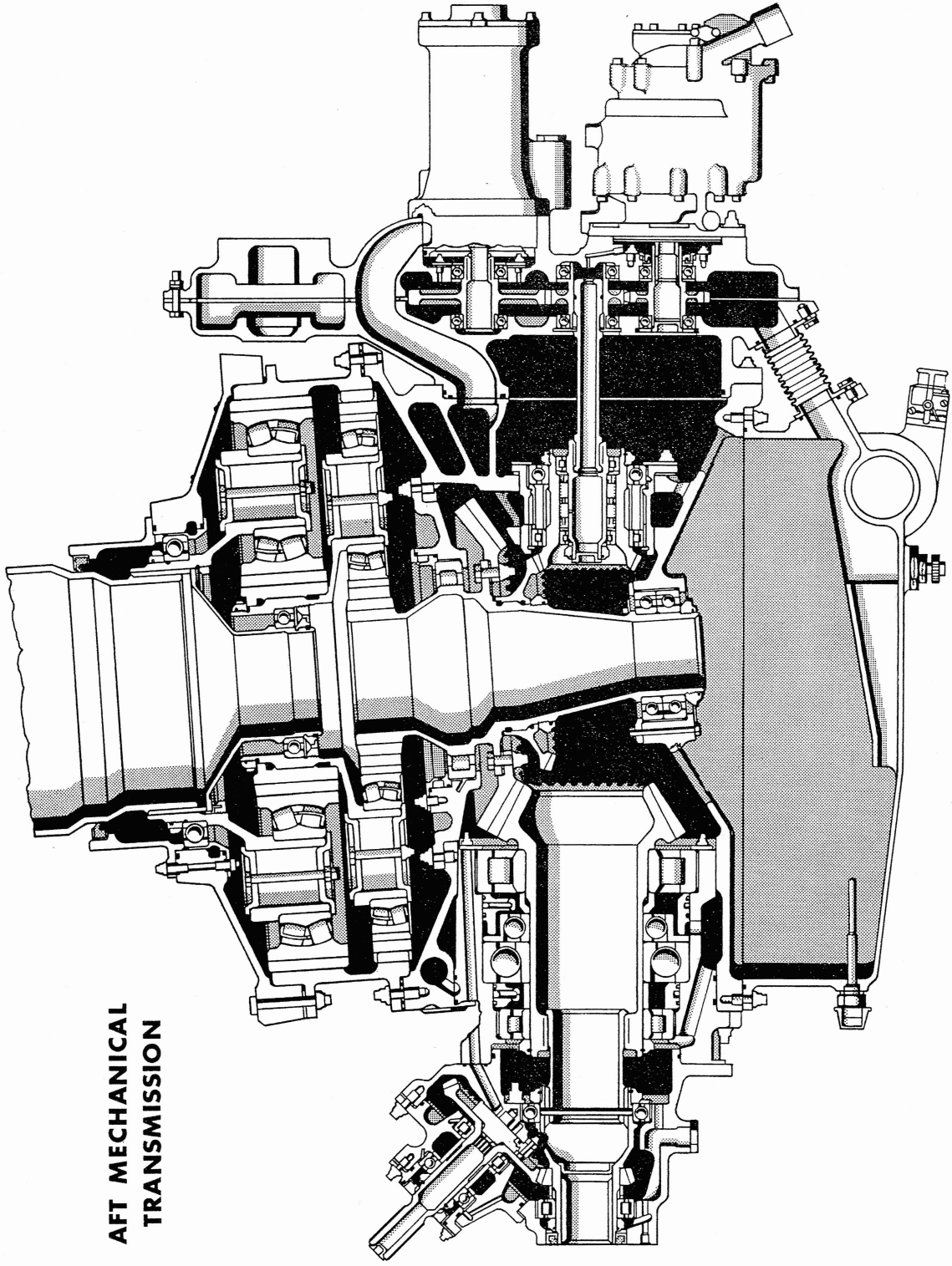


SPRAG CLUTCH PRINCIPLE



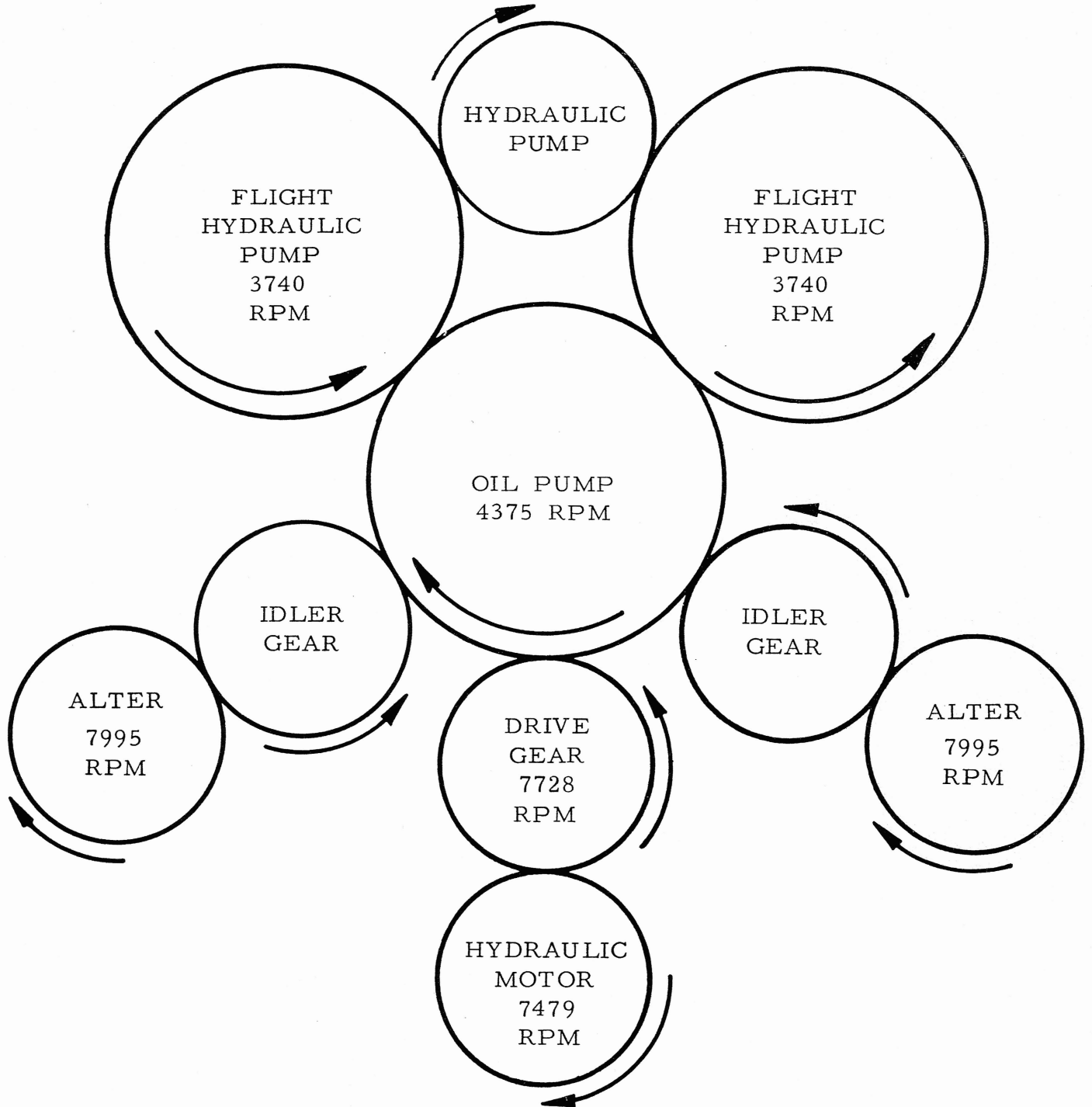
**HC-1B TRANSMISSION -
FORWARD
ROTARY WING DRIVE**

HC-1B TRAINING CHART

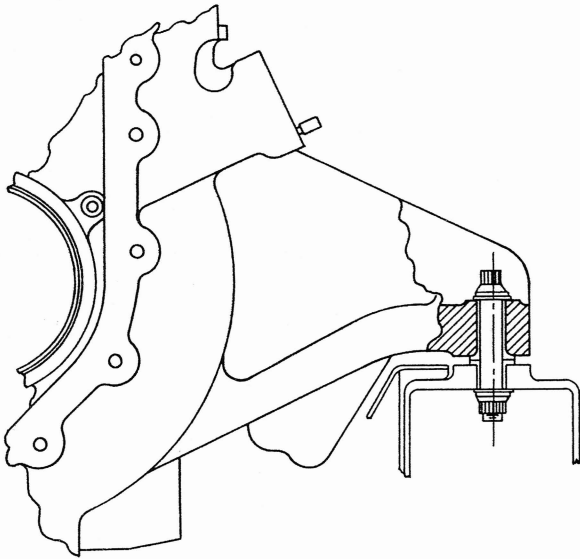


**AFT MECHANICAL
TRANSMISSION**

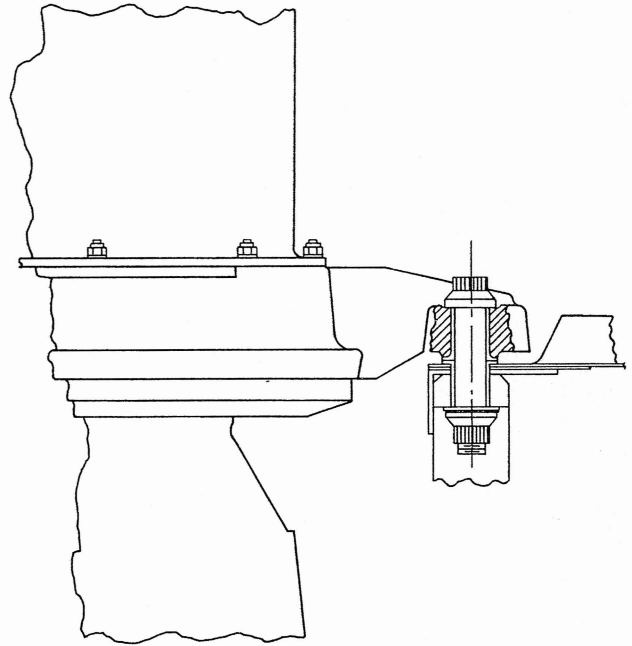
**ACCESSORY DRIVE AFT TRANSMISSION
VIEW LOOKING FWD**



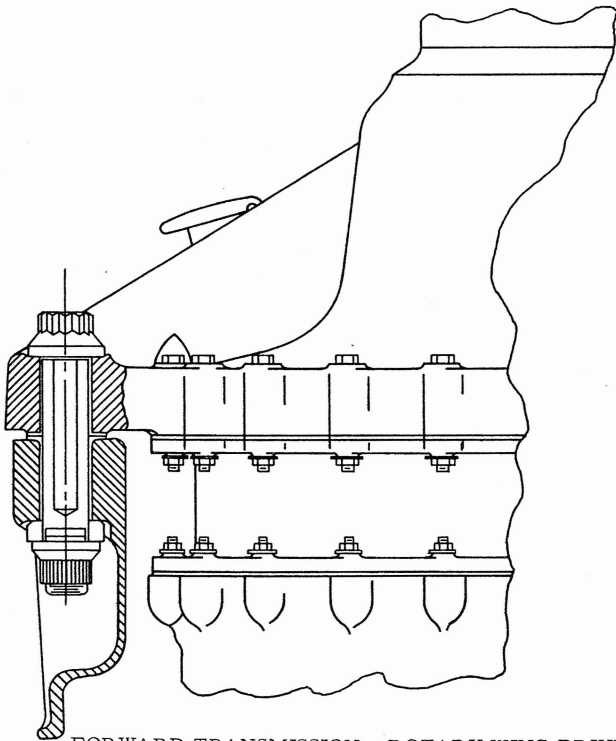
TRANSMISSION MOUNTINGS



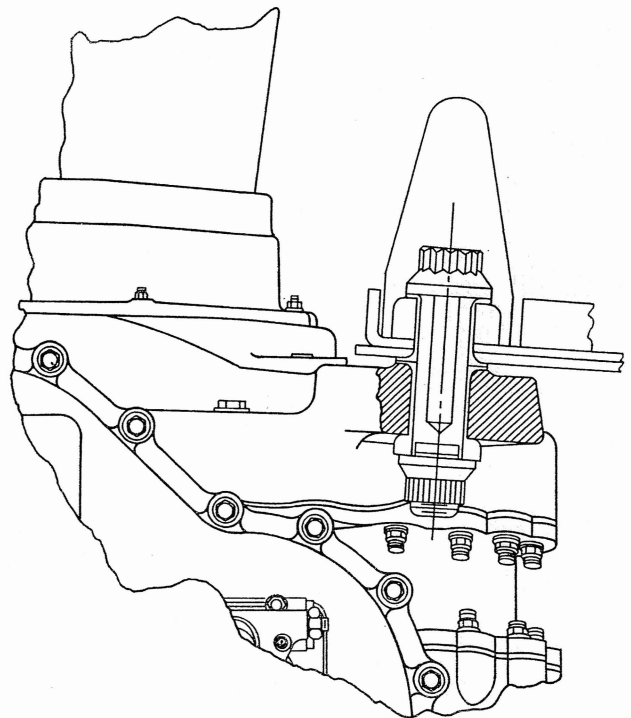
MAIN COMBINING TRANSMISSION



AFT ROTARY WING DRIVE

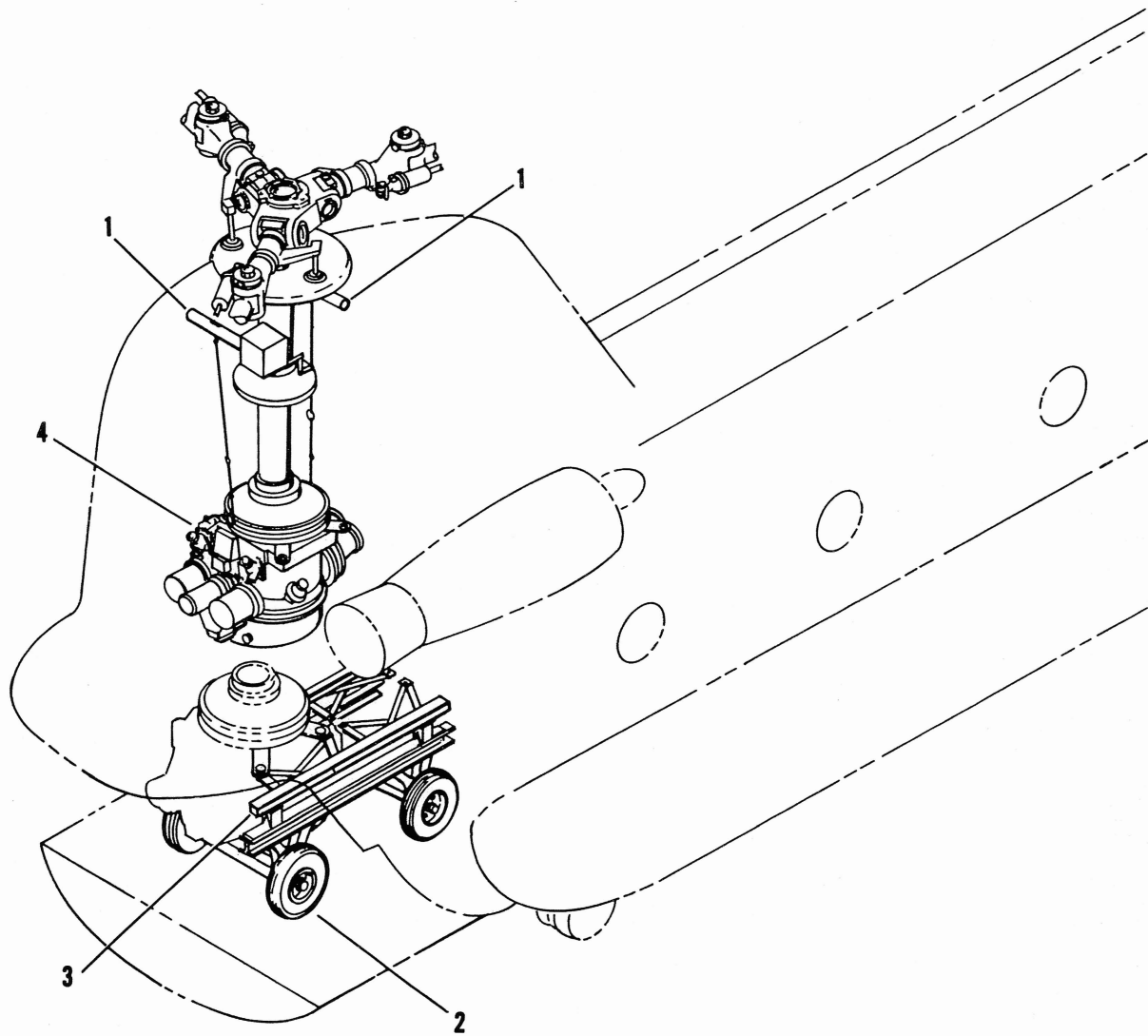


FORWARD TRANSMISSION - ROTARY WING DRIVE



AFT TRANSMISSION - ROTARY WING DRIVE

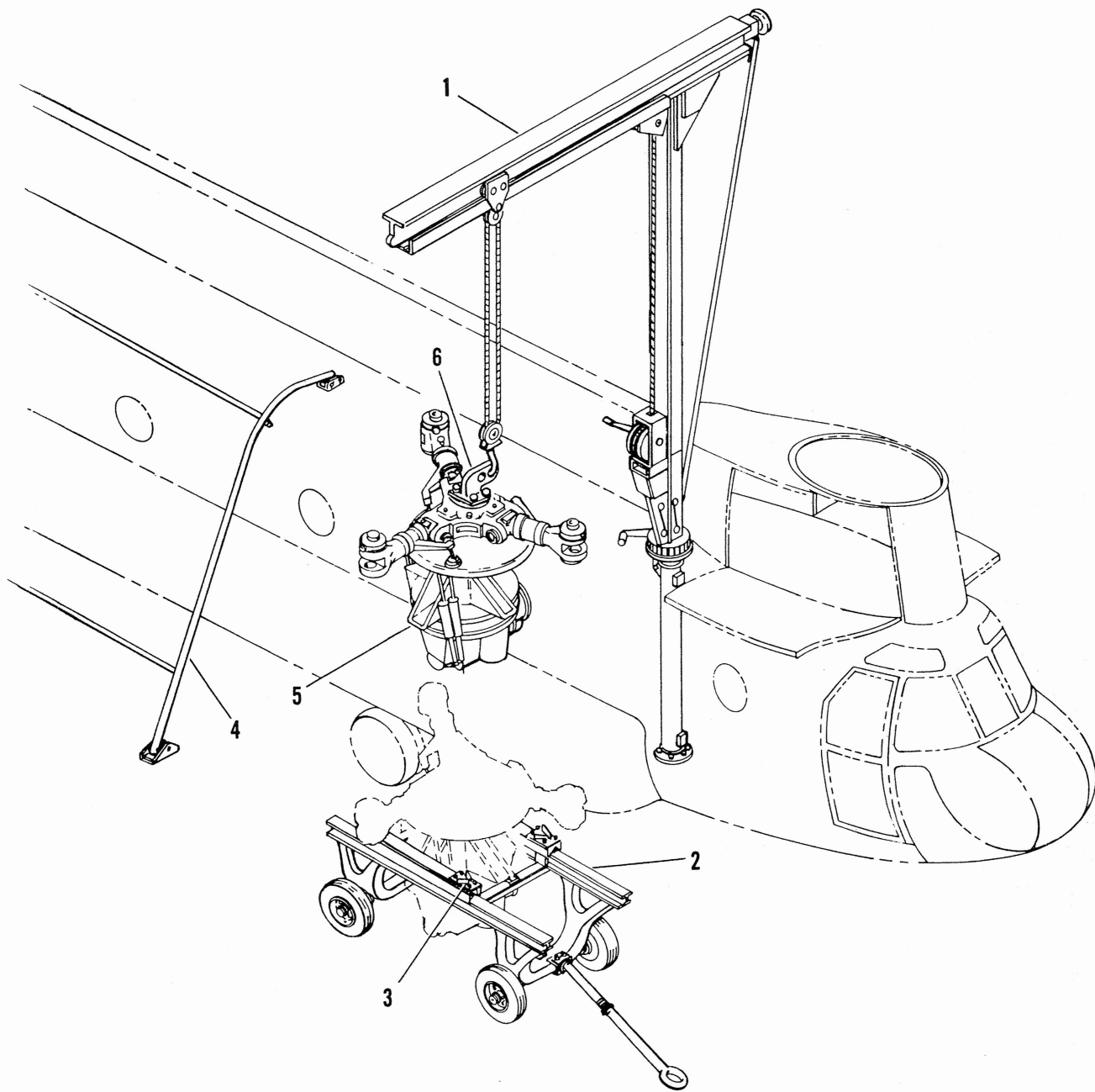
AFT ROTARY-WING DRIVE TRANSMISSION REMOVAL



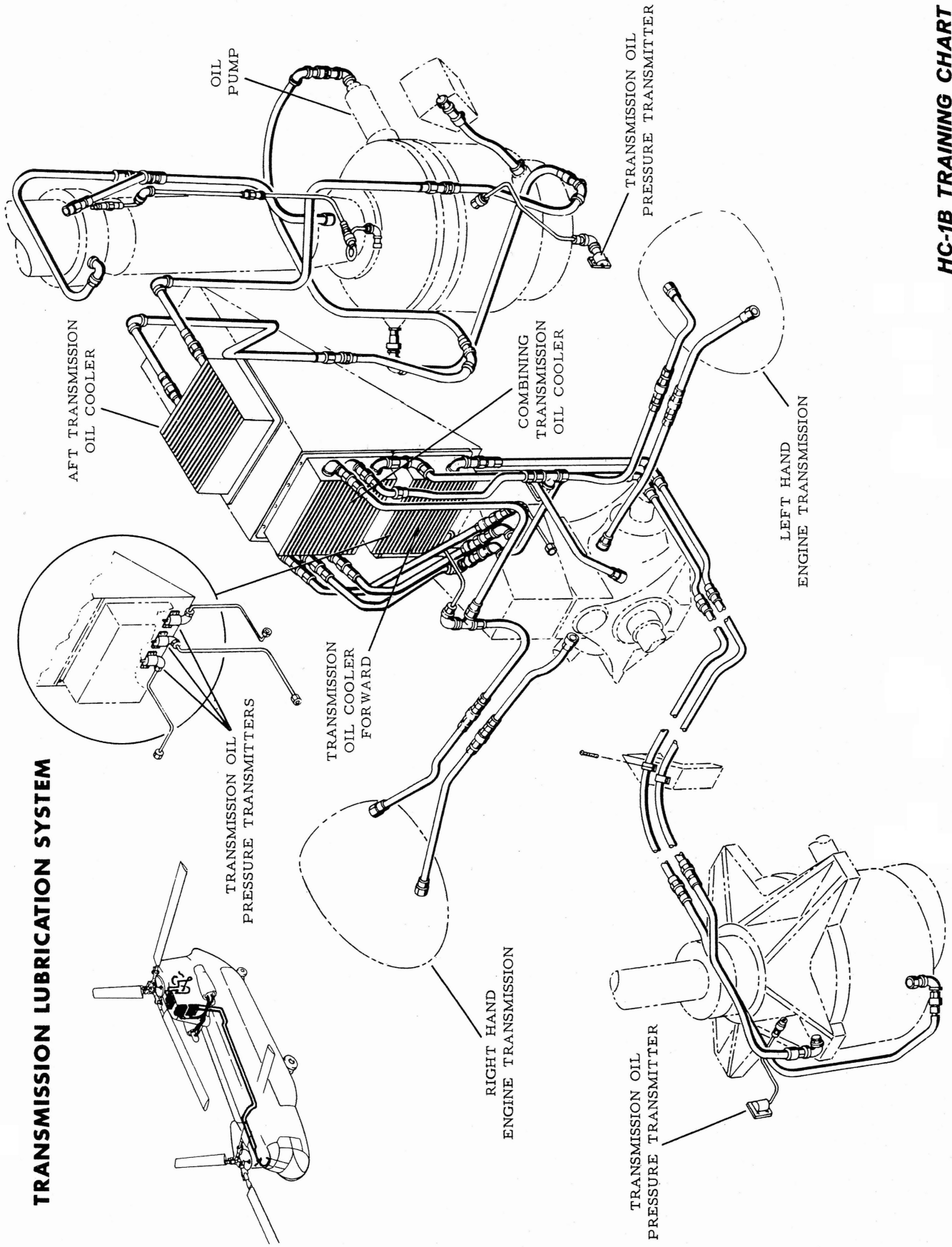
- 1 Hoist Kit
- 2 Transportation Trailer
- 3 Adapter
- 4 Aft Transmission Unit

REMOVAL OF FORWARD TRANSMISSION UNIT

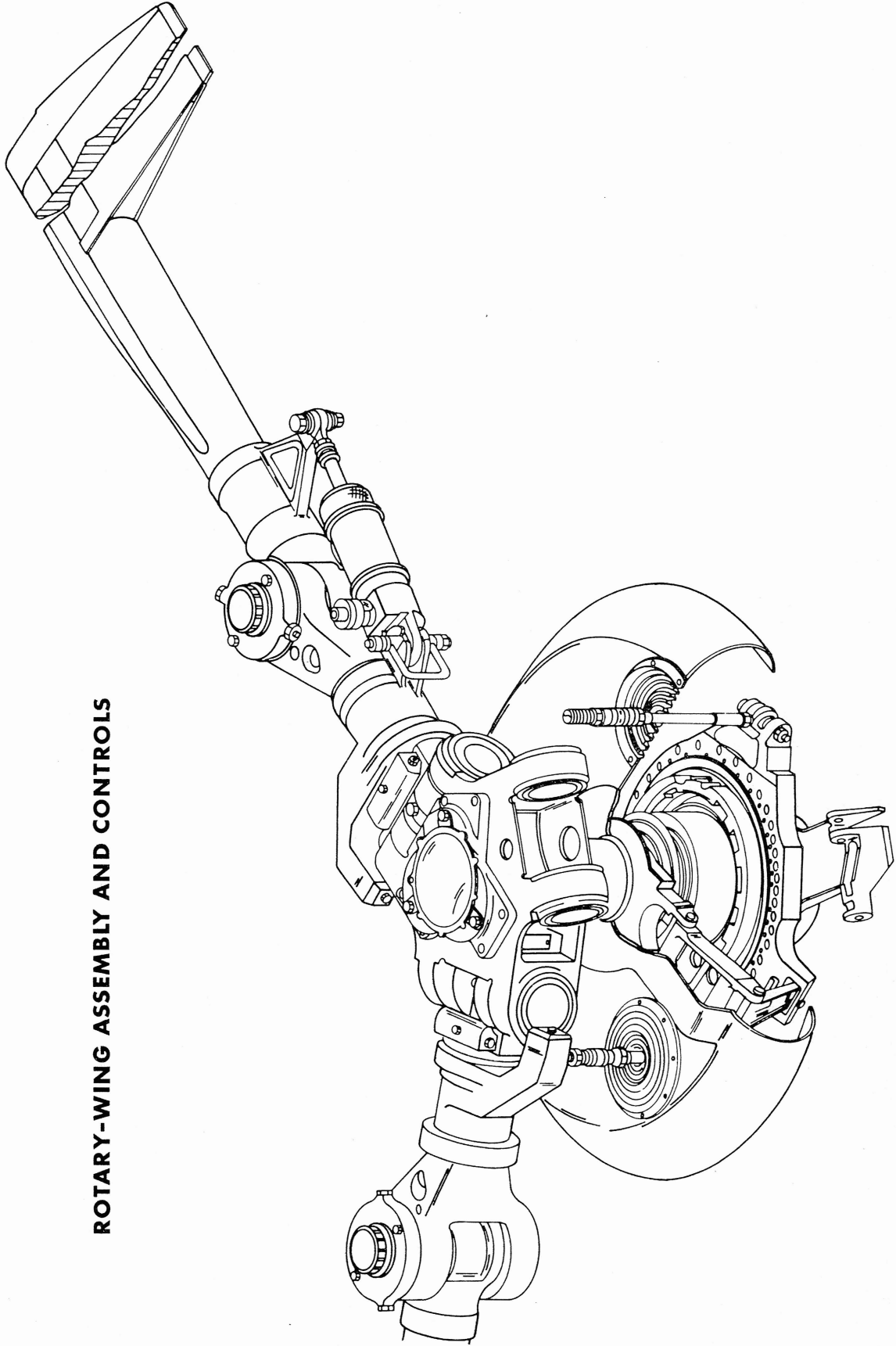
- 1 MAINTENANCE CRANE
- 2 TRANSPORTATION TRAILER
- 3 ADAPTER
- 4 MAINTENANCE CRANE SLIDER
- 5 FORWARD TRANSMISSION UNIT
- 6 HOISTING EYE



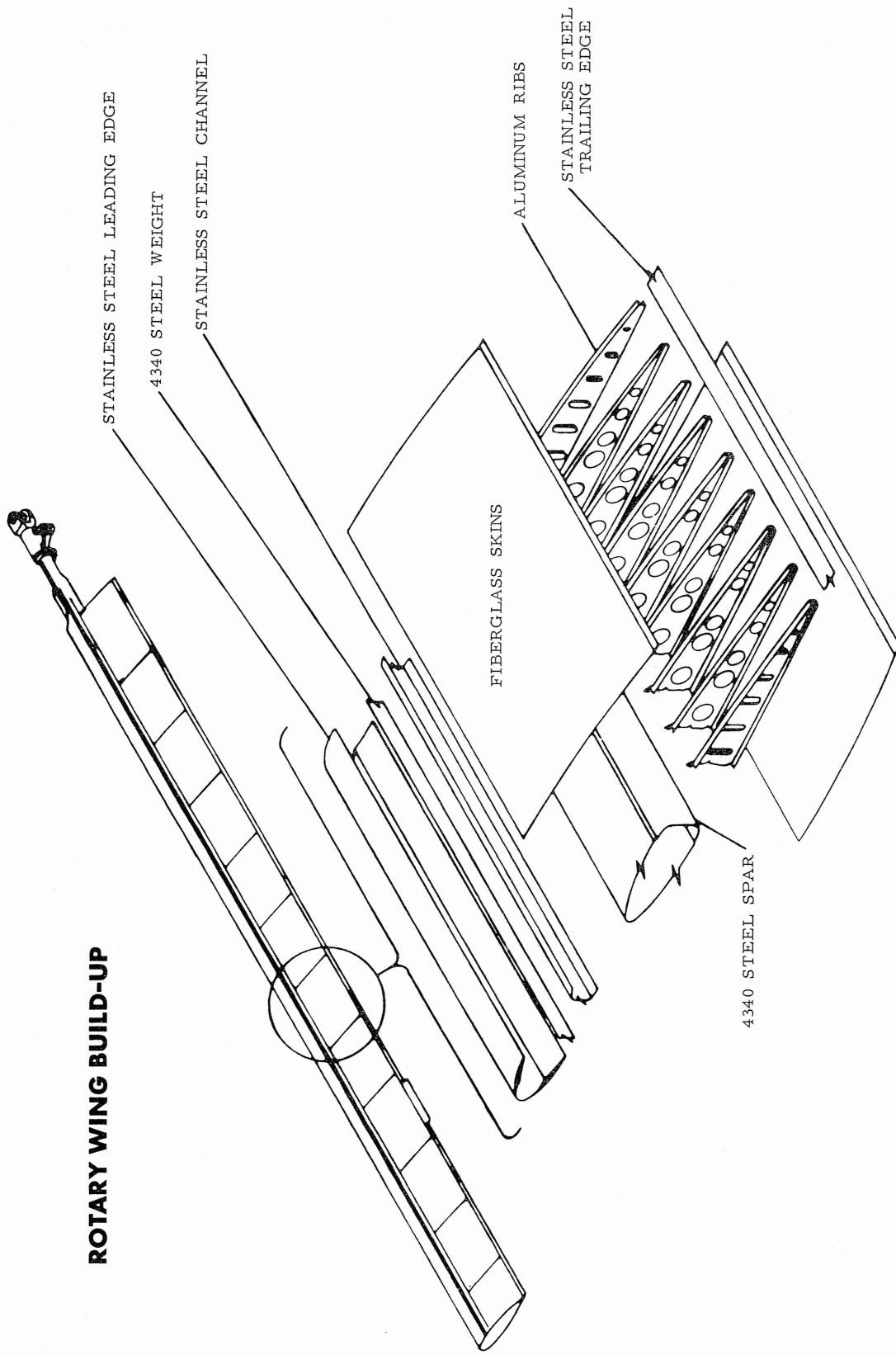
TRANSMISSION LUBRICATION SYSTEM

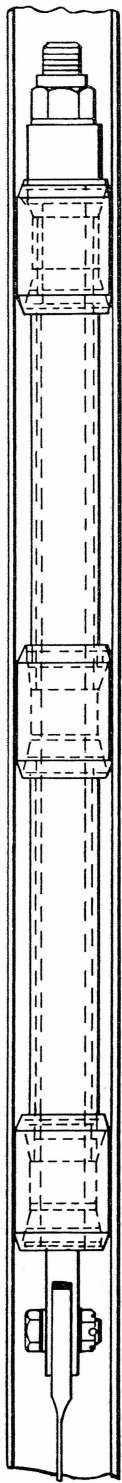
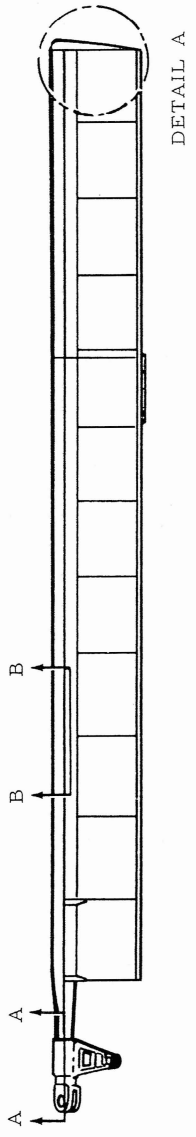
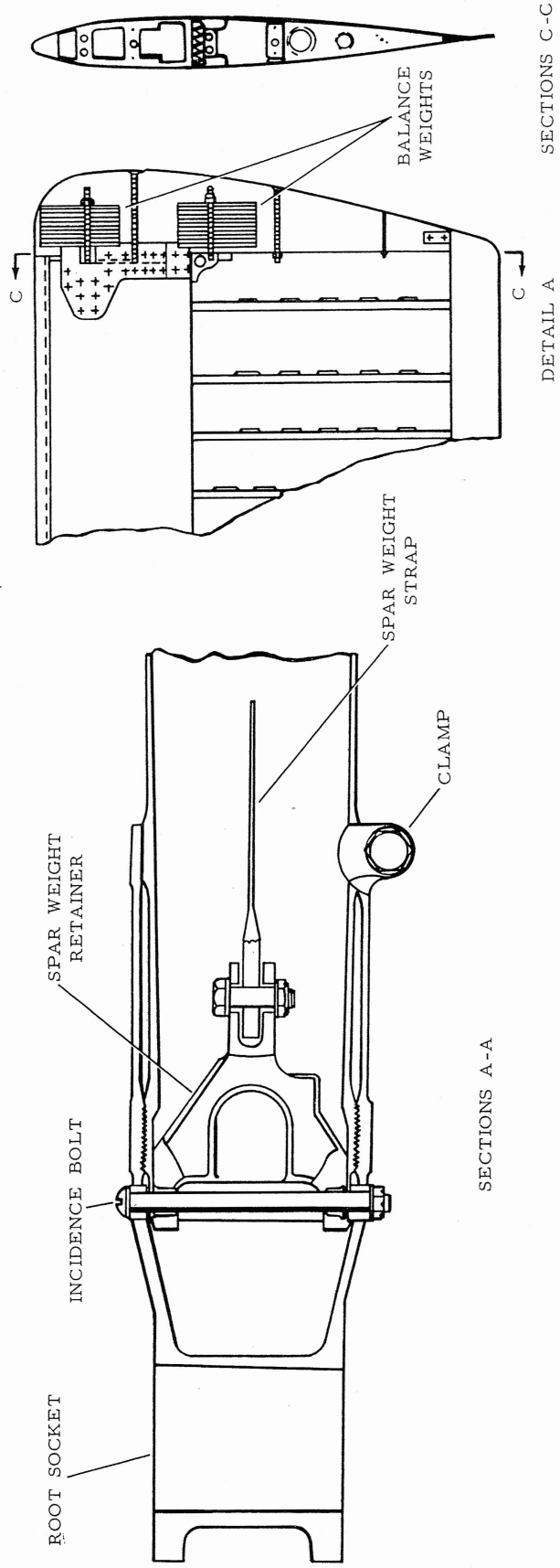


ROTARY-WING ASSEMBLY AND CONTROLS



ROTARY WING BUILD-UP

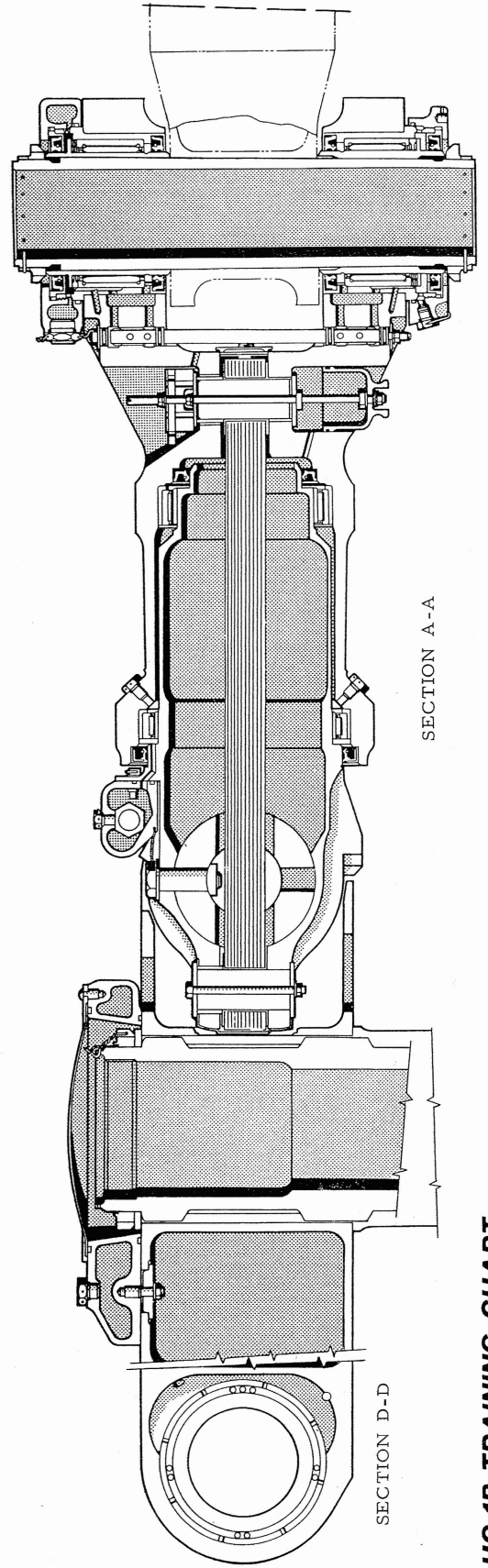
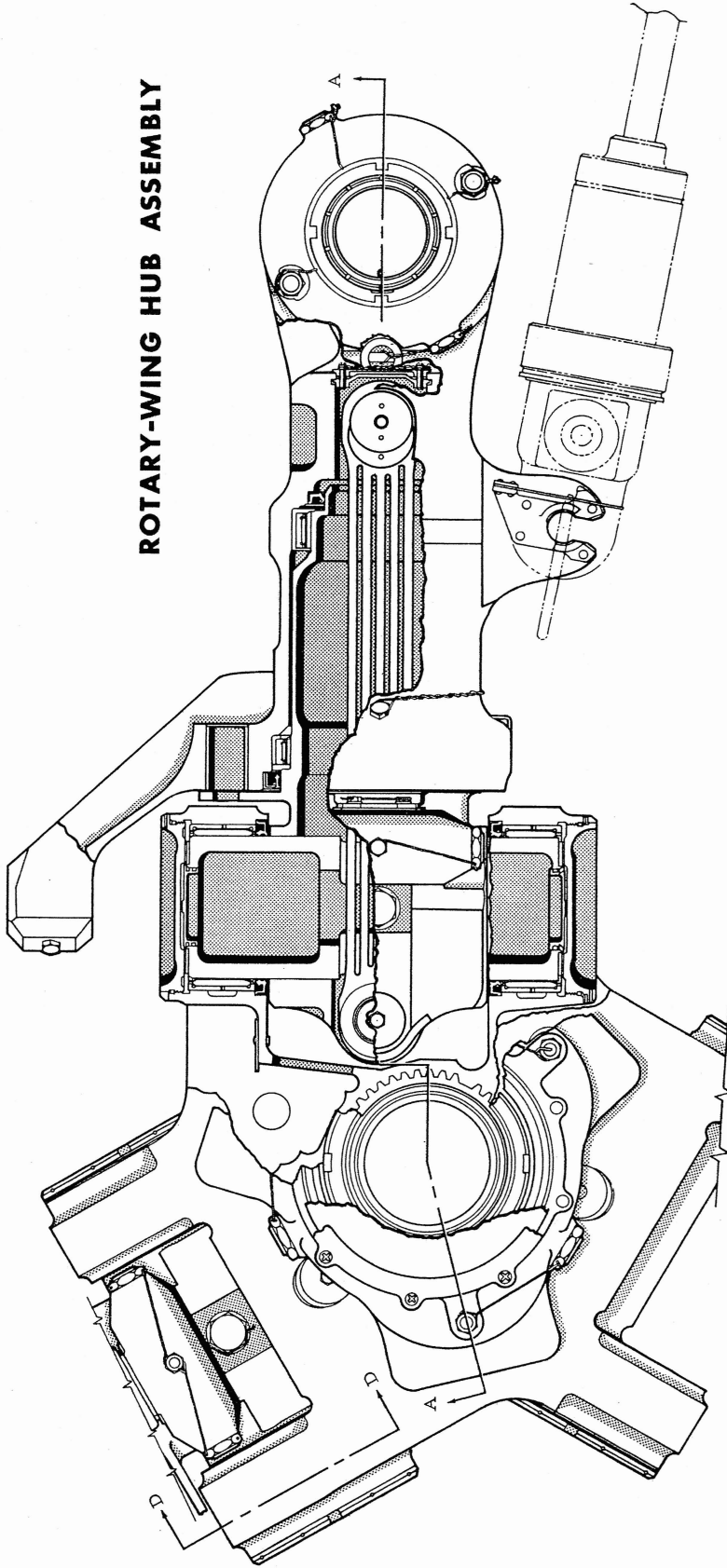




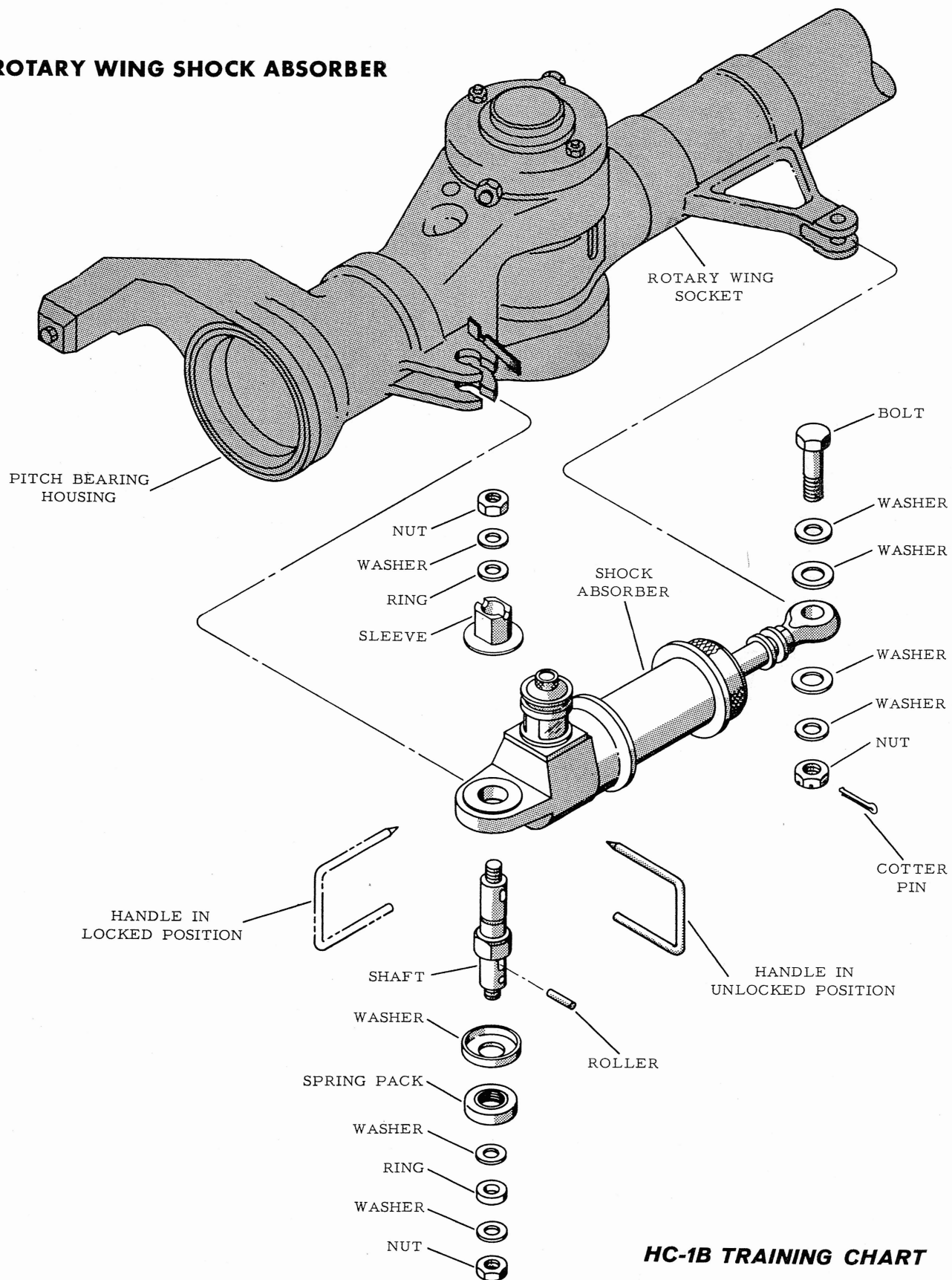
SPAR TUNING WEIGHT ASSEMBLY
SECTION B-B

ROTARY-WING ASSEMBLY

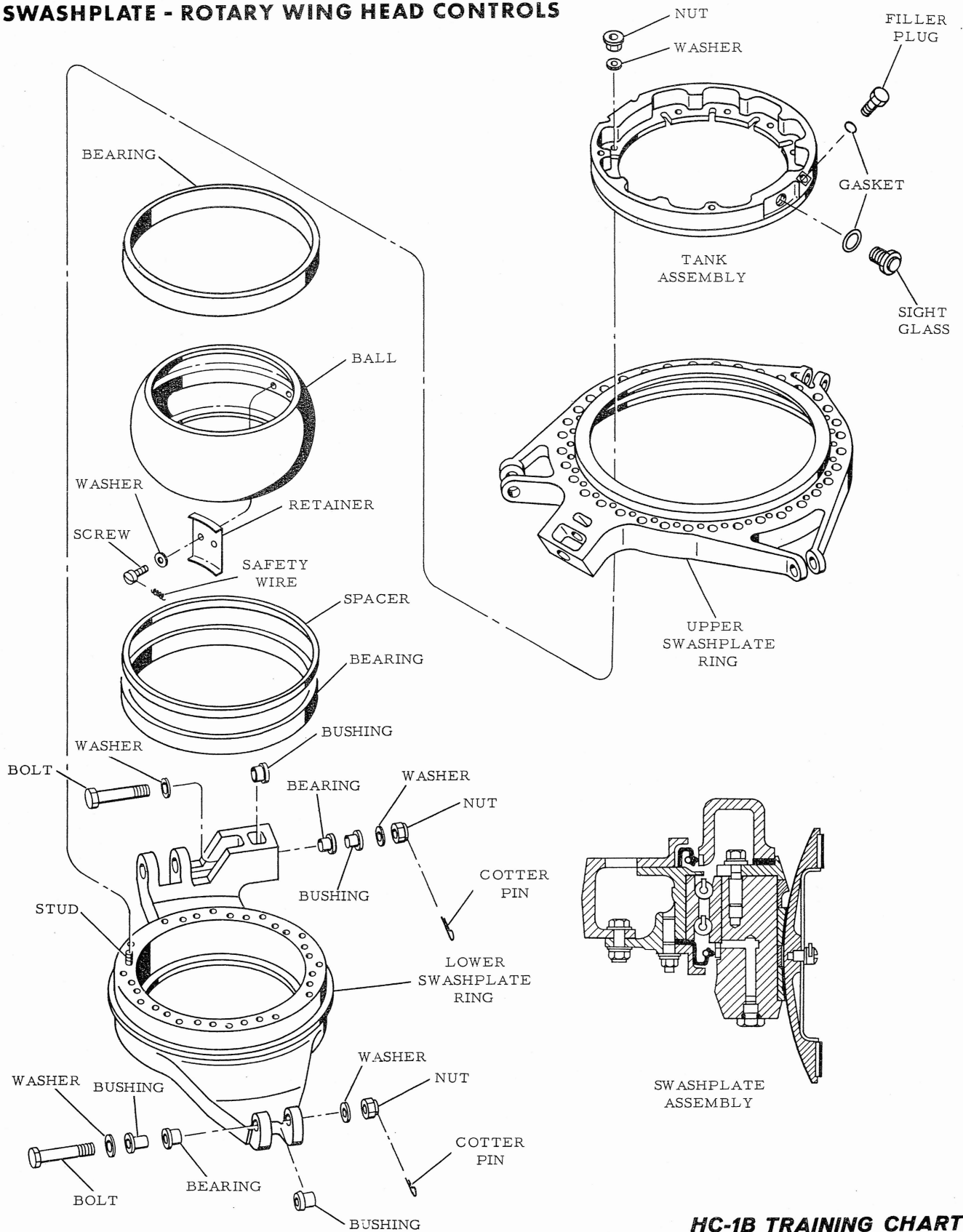
ROTARY-WING HUB ASSEMBLY



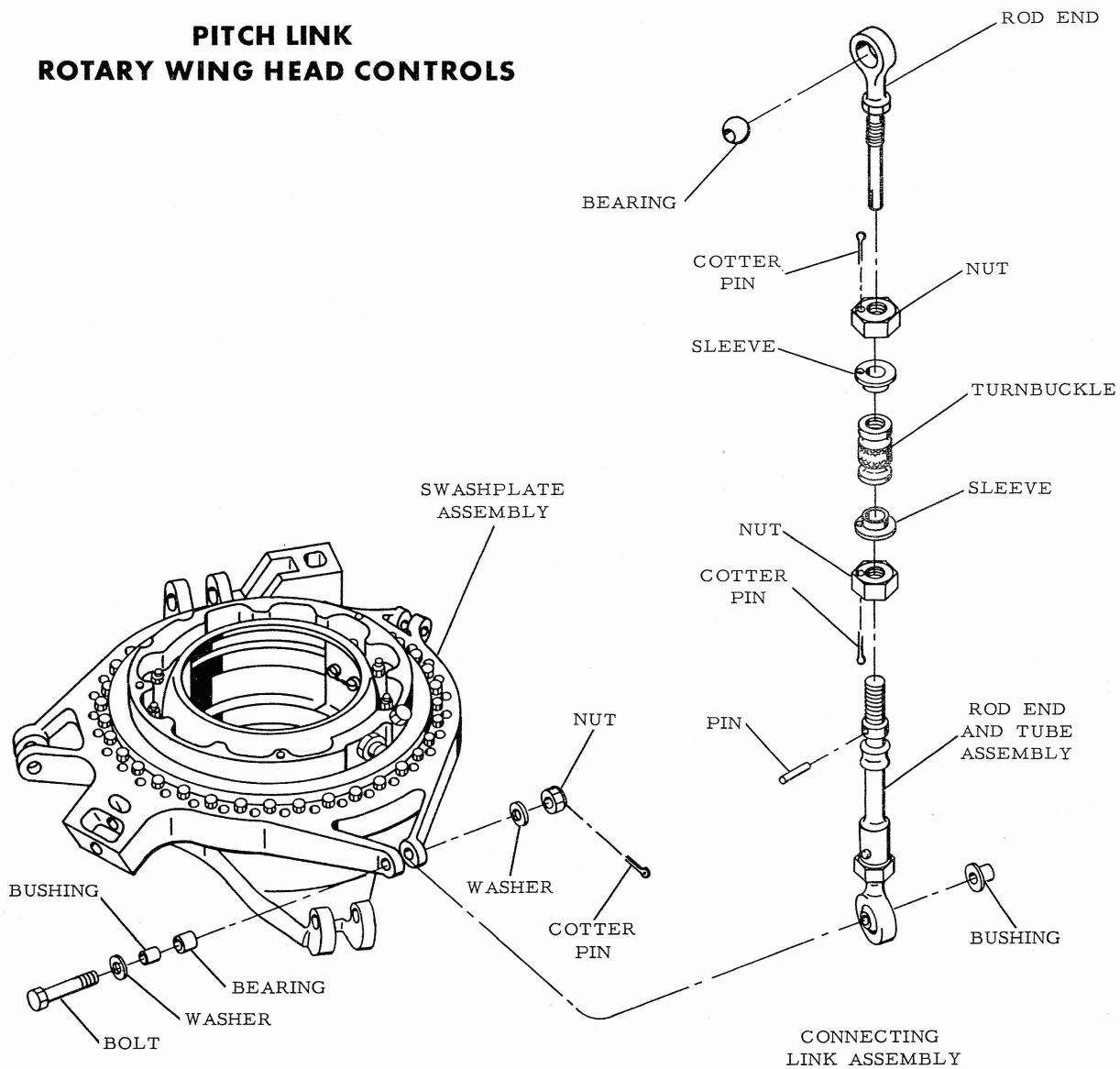
ROTARY WING SHOCK ABSORBER



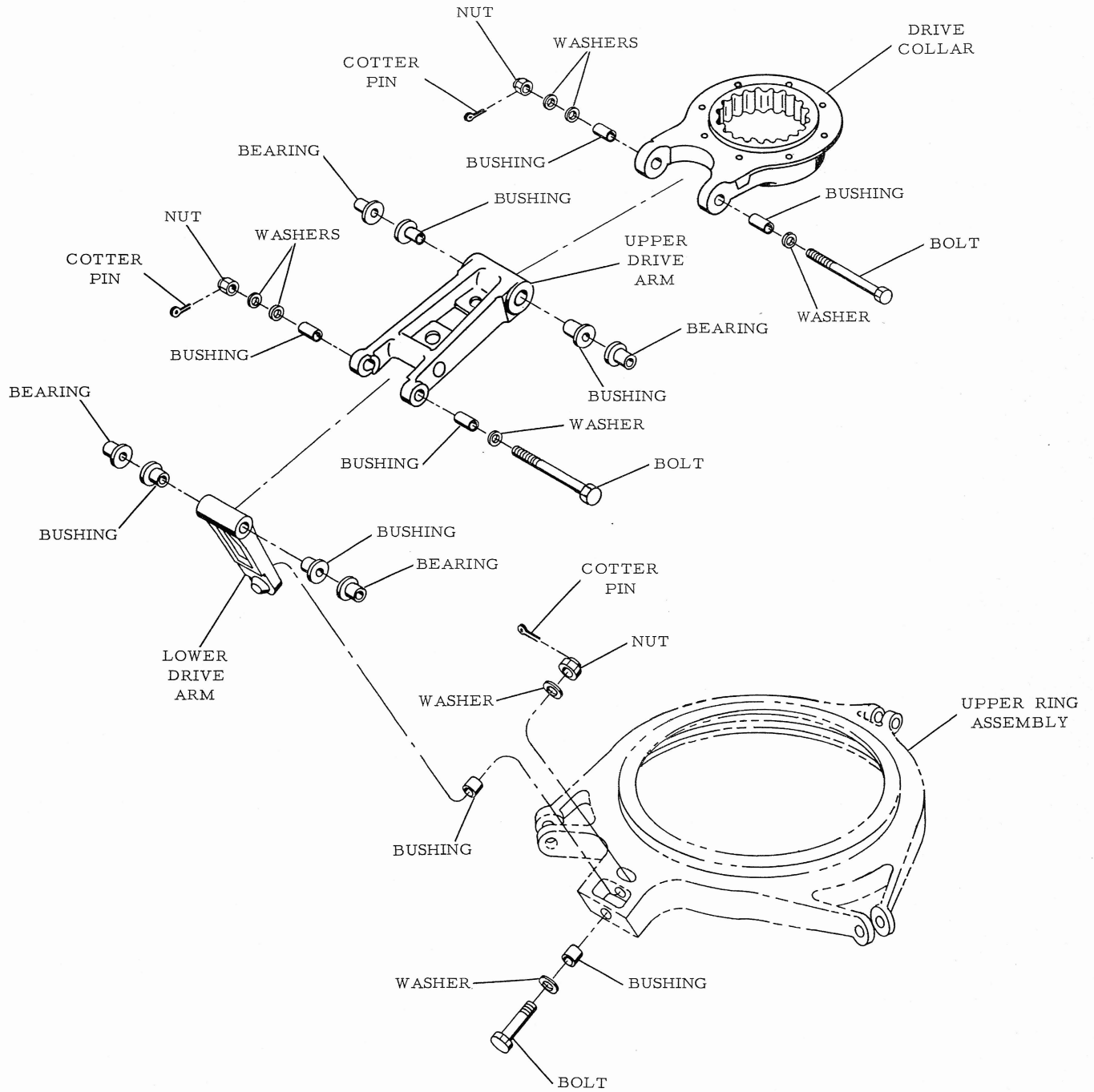
SWASHPLATE - ROTARY WING HEAD CONTROLS

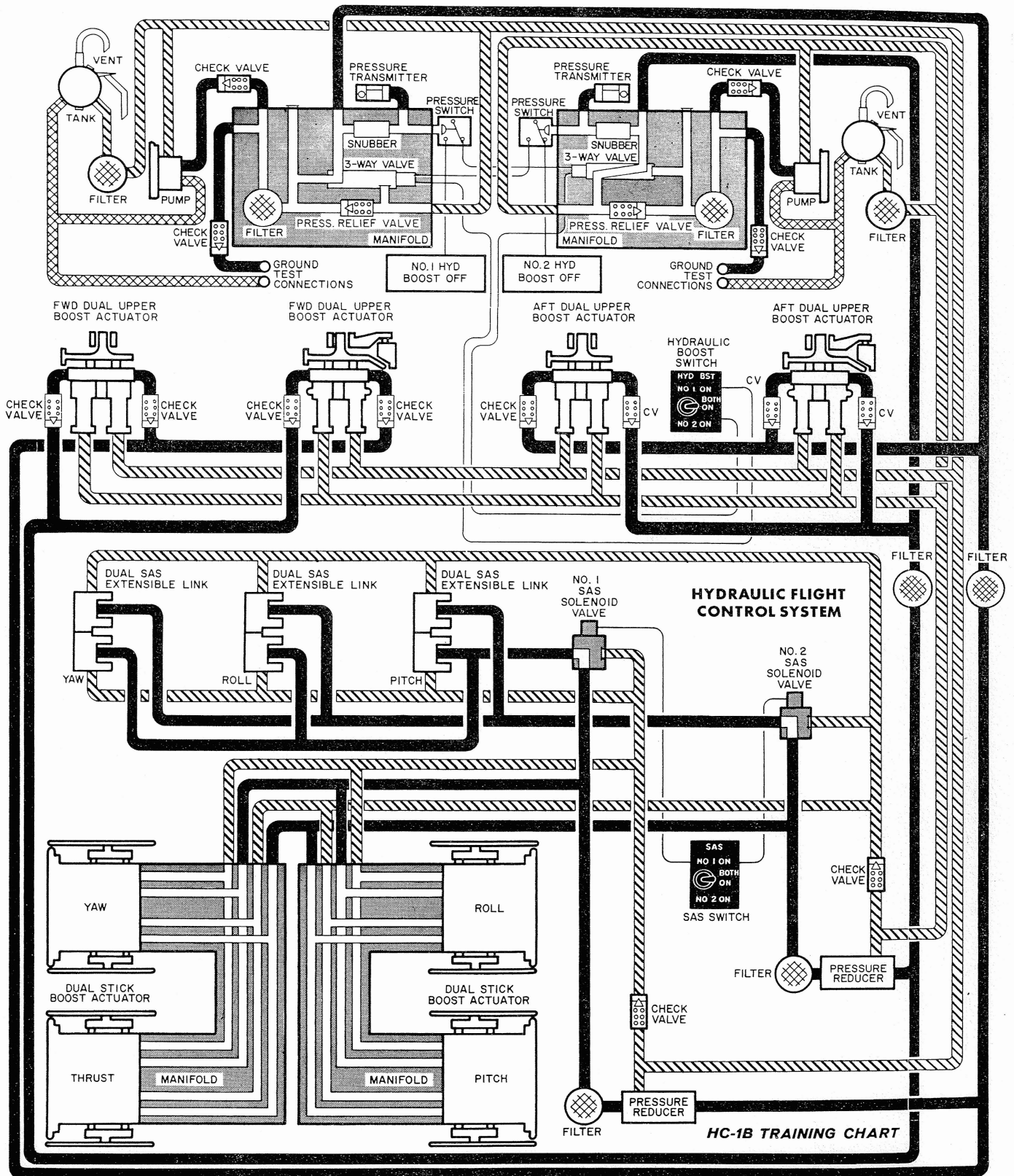


PITCH LINK ROTARY WING HEAD CONTROLS

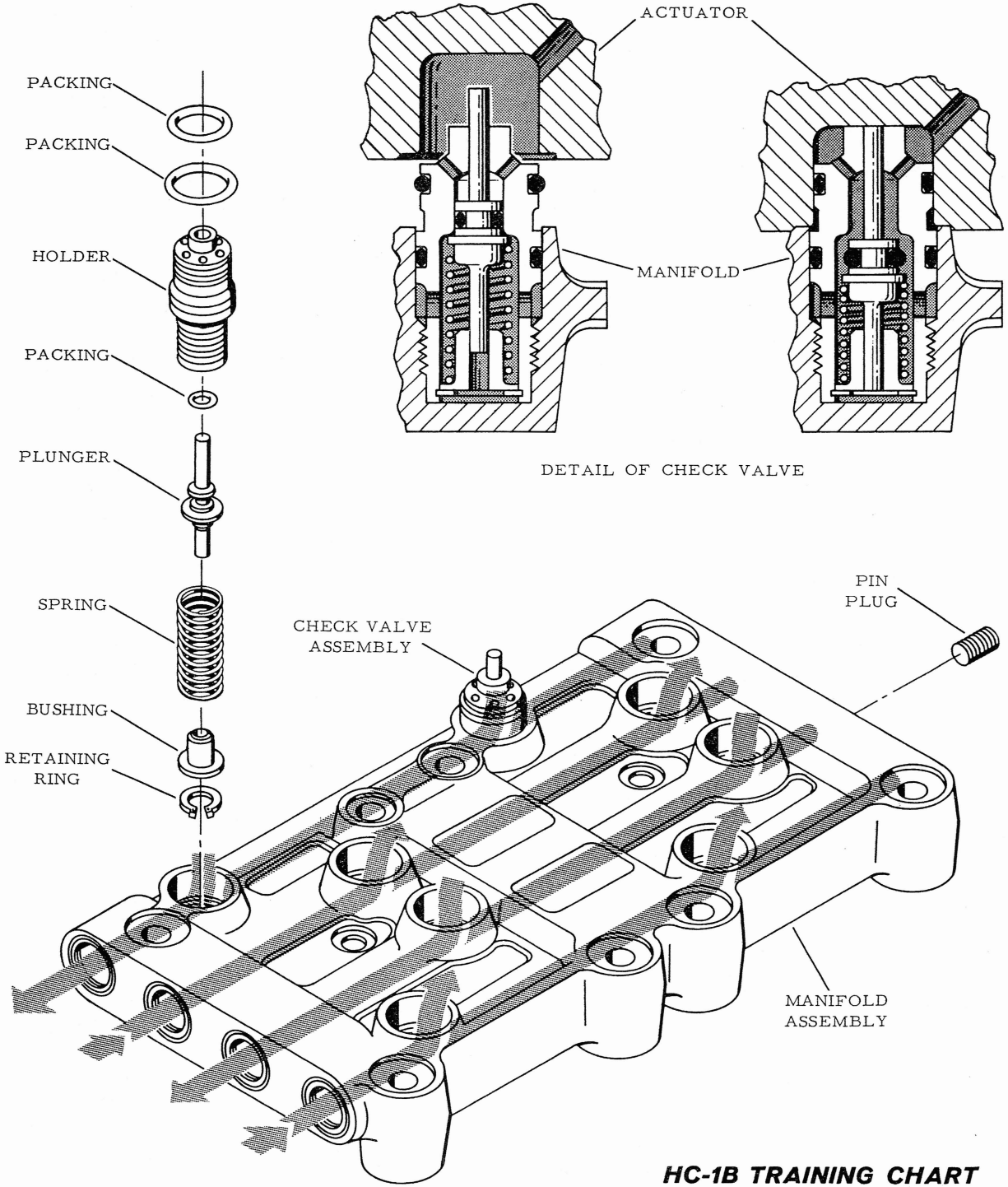


UPPER AND LOWER DRIVE ARM ASSEMBLIES

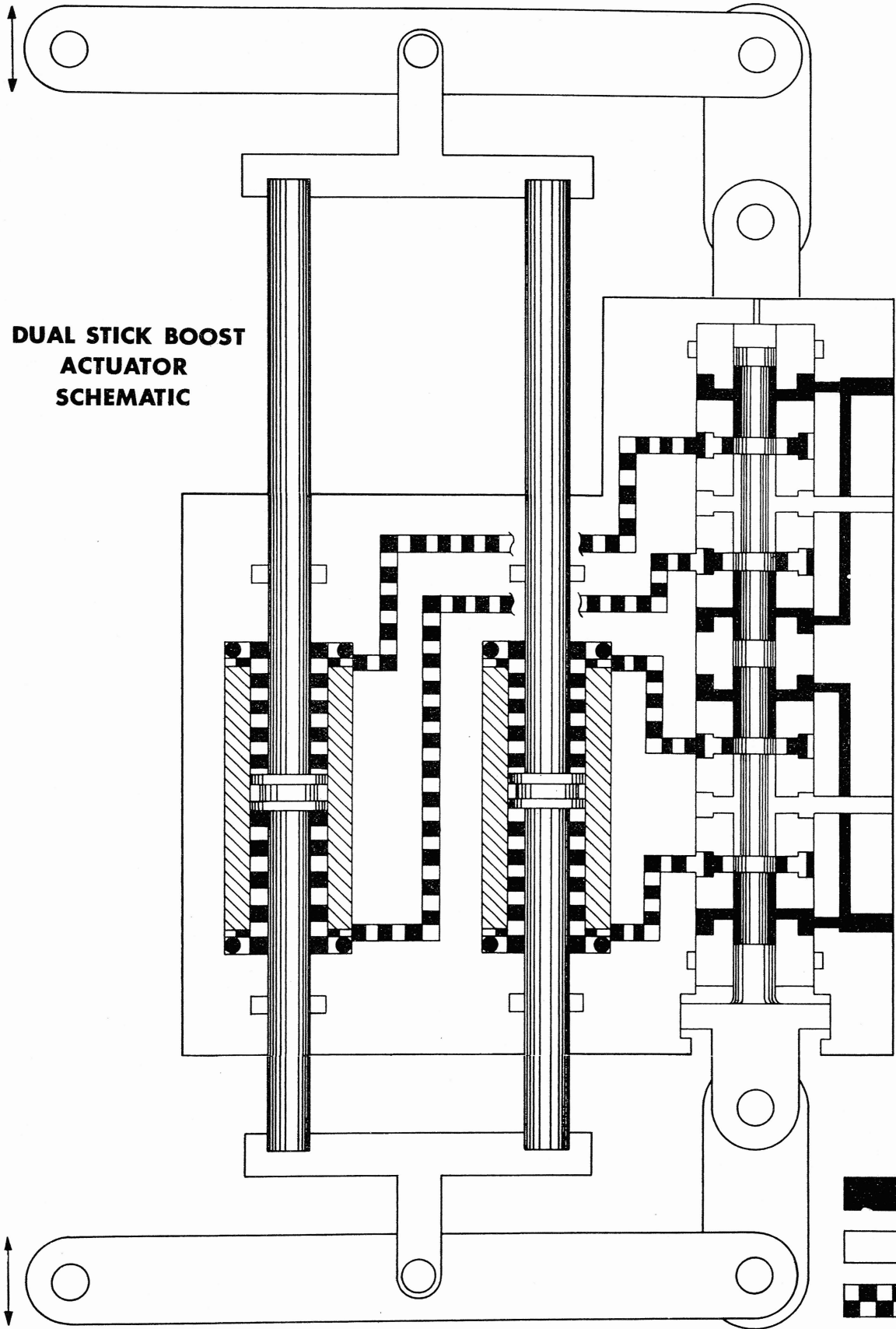







FORWARD AND AFT DUAL STICK HYDRAULIC BOOST CYLINDER MANIFOLD

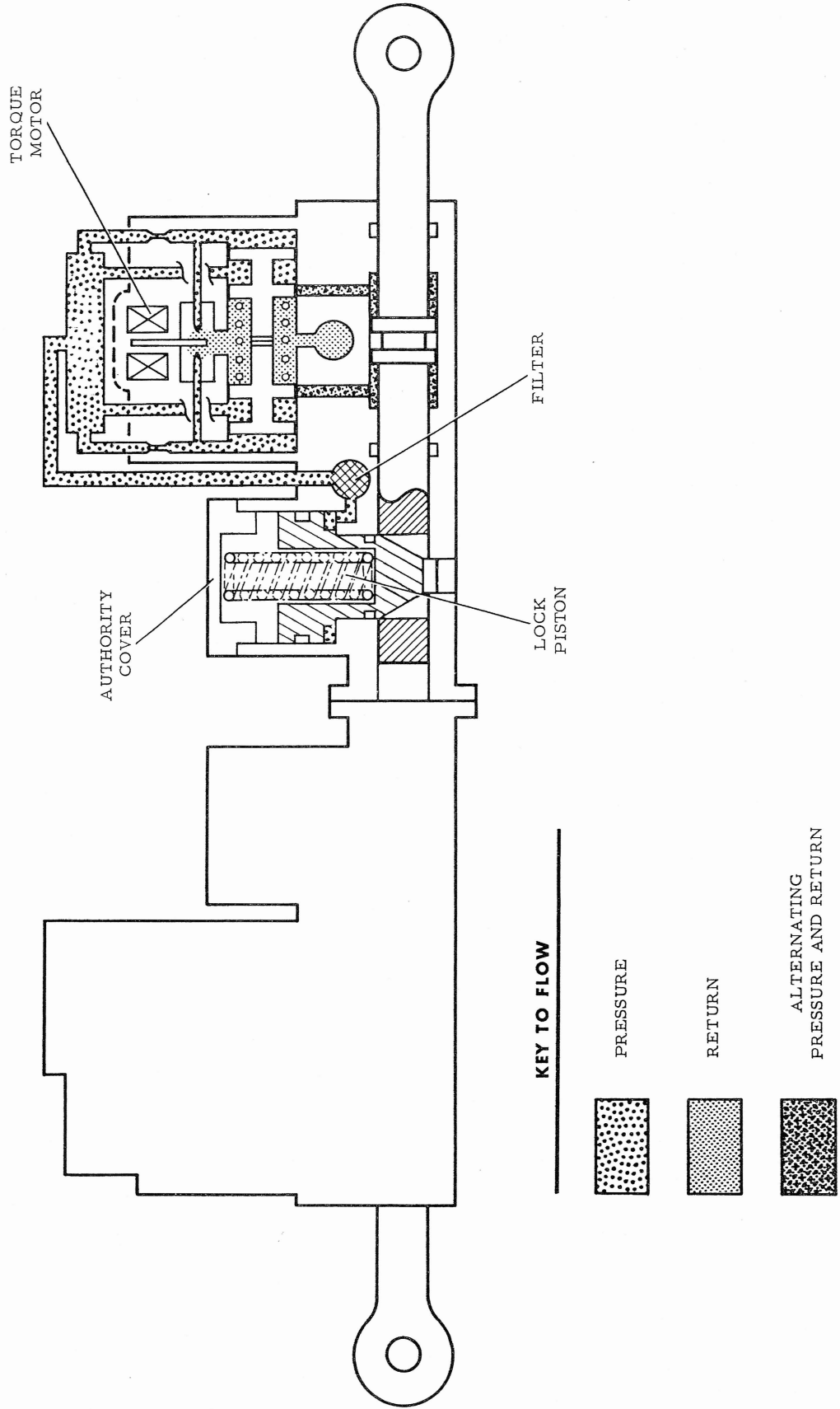


**DUAL STICK BOOST
ACTUATOR
SCHEMATIC**



-  PRESSURE
-  RETURN
-  PRESSURE AND RETURN

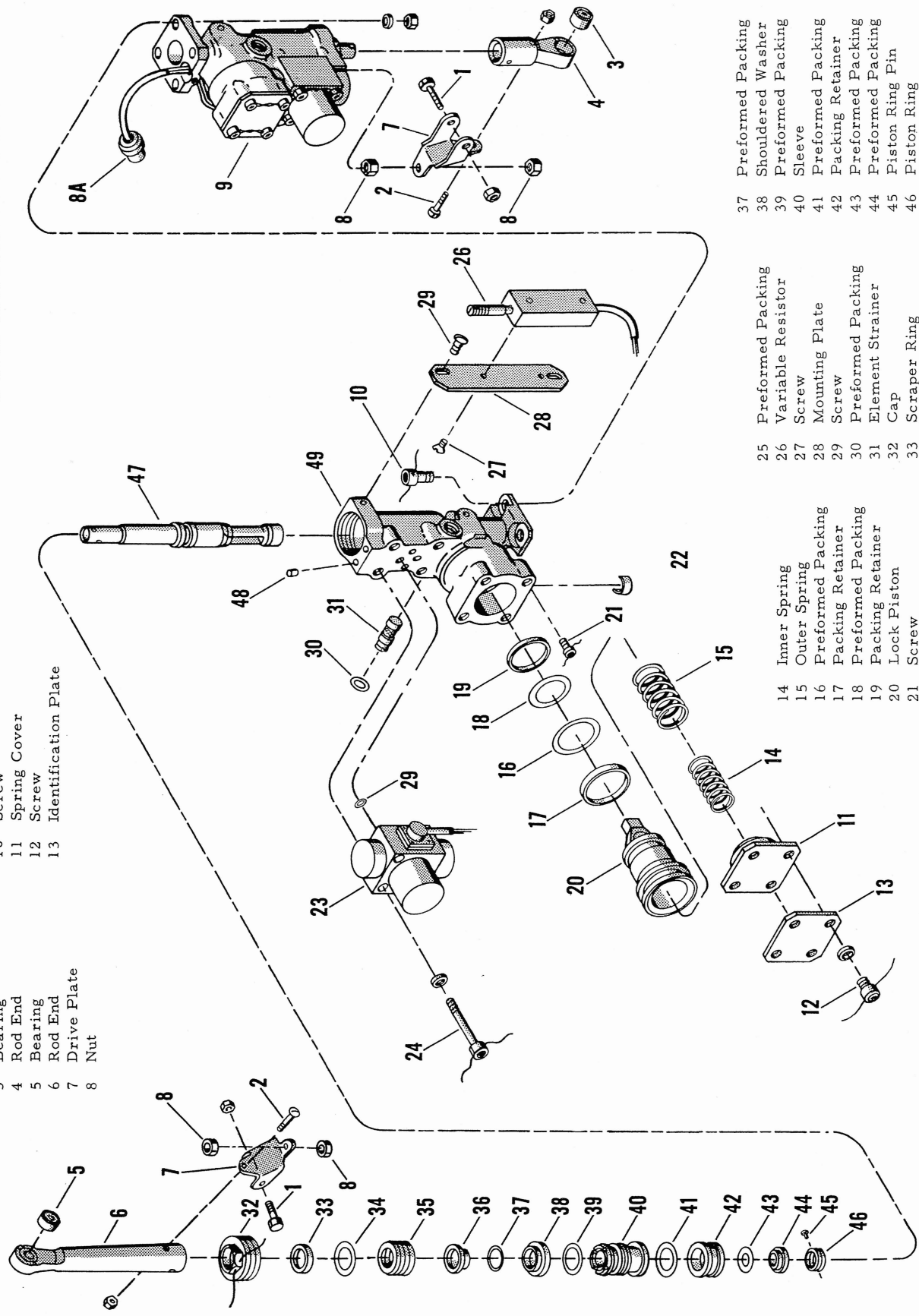
EXTENSIBLE LINK HYDRAULIC SCHEMATIC



DUAL EXTENSIBLE LINK

- 8A Plug Connector
- 9 Cylinder Subassembly
- 10 Screw
- 11 Spring Cover
- 12 Screw
- 13 Identification Plate

- 1 Bolt
- 2 Screw
- 3 Bearing
- 4 Rod End
- 5 Bearing
- 6 Rod End
- 7 Drive Plate
- 8 Nut



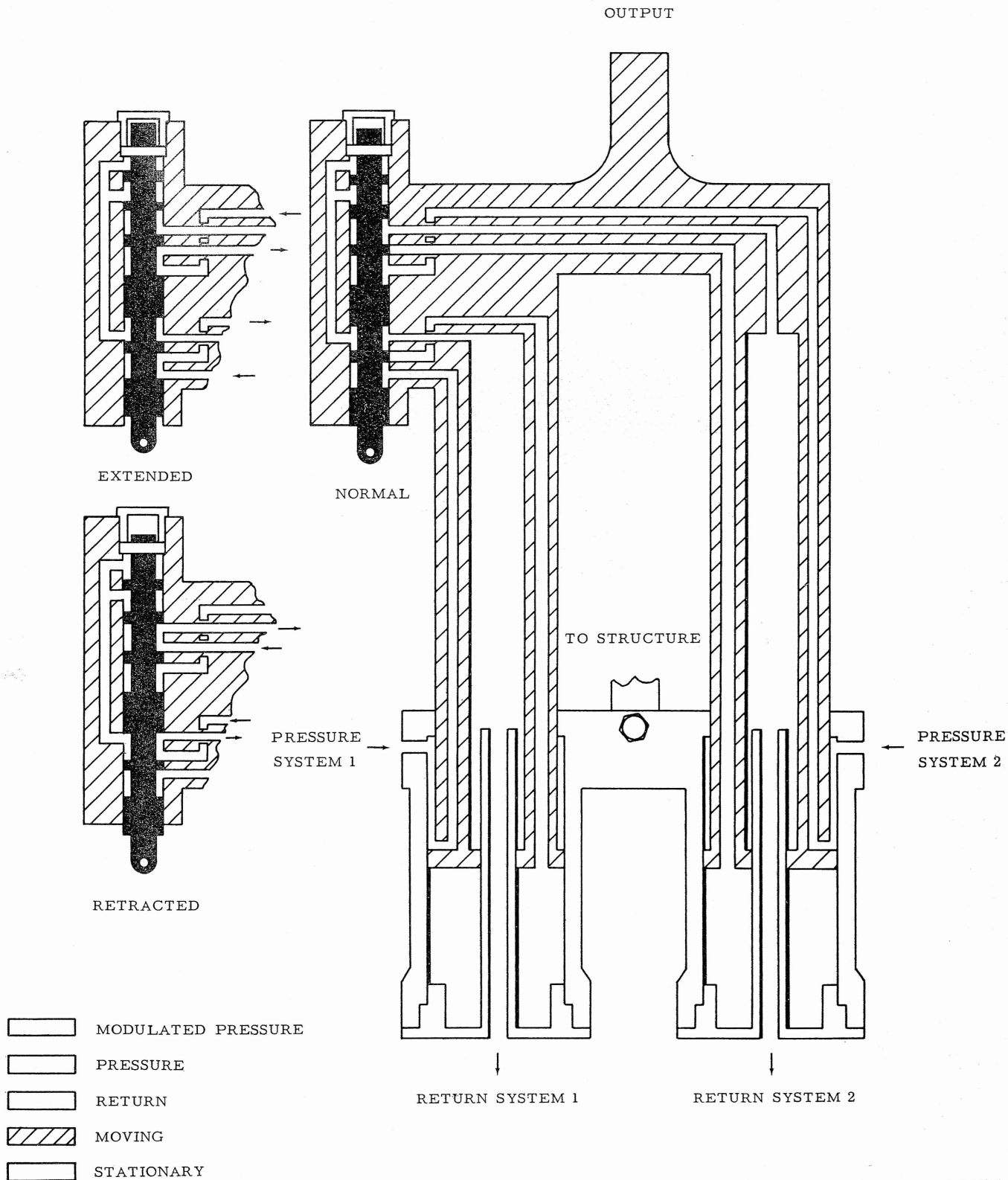
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46

- 37 Preformed Packing
- 38 Shouldered Washer
- 39 Preformed Packing
- 40 Sleeve
- 41 Preformed Packing
- 42 Packing Retainer
- 43 Preformed Packing
- 44 Preformed Packing
- 45 Piston Ring Pin
- 46 Piston Ring
- 47 Piston
- 48 Pin Plug
- 49 Cylinder

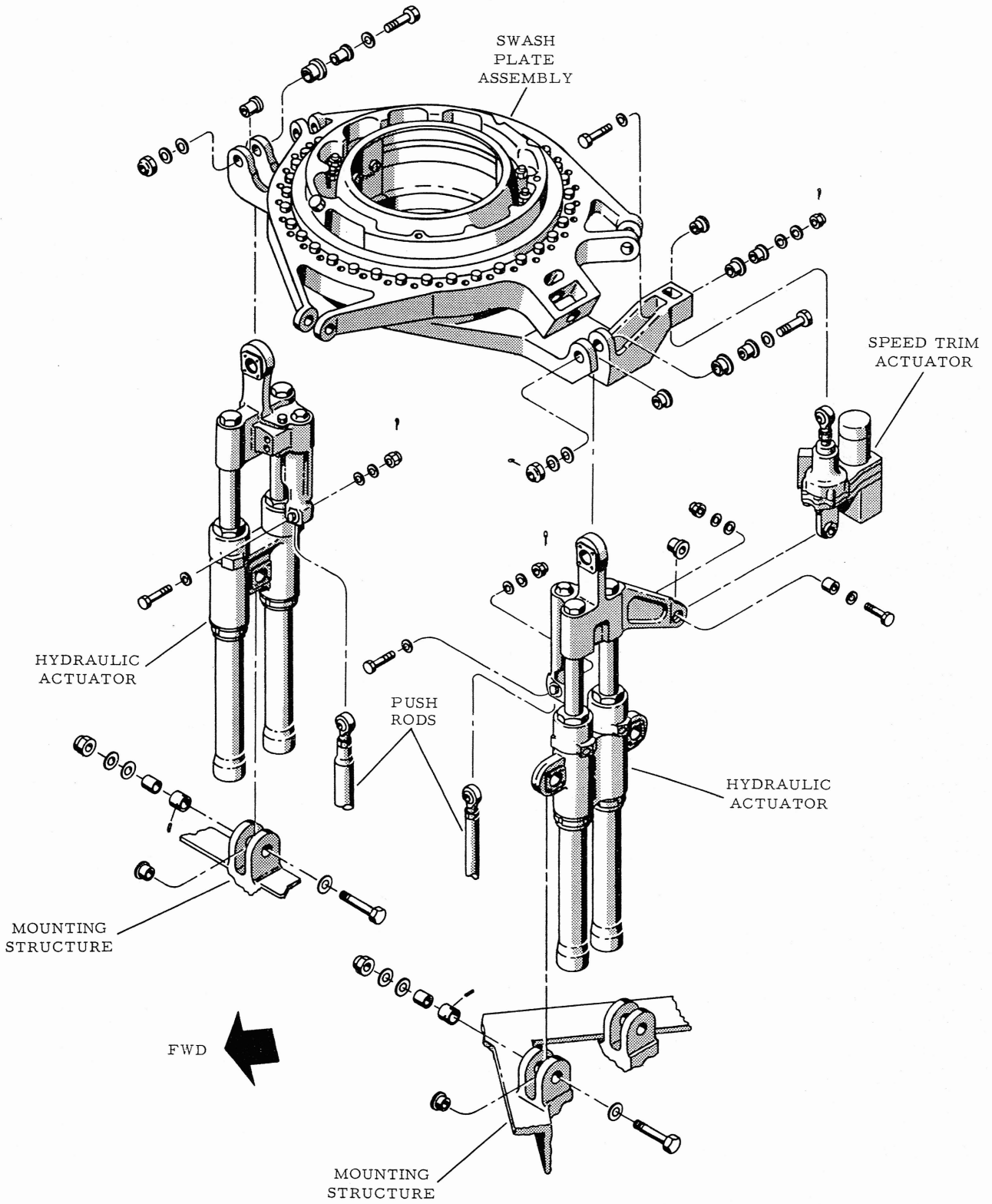
- 25 Preformed Packing
- 26 Variable Resistor
- 27 Screw
- 28 Mounting Plate
- 29 Preformed Packing
- 30 Preformed Packing
- 31 Element Strainer
- 32 Cap
- 33 Scraper Ring
- 34 Preformed Packing
- 35 Bearing
- 36 Preformed Packing

- 14 Inner Spring
- 15 Outer Spring
- 16 Preformed Packing
- 17 Packing Retainer
- 18 Preformed Packing
- 19 Packing Retainer
- 20 Lock Piston
- 21 Screw
- 22 Clamp
- 23 Solenoid Valve
- 24 Screw

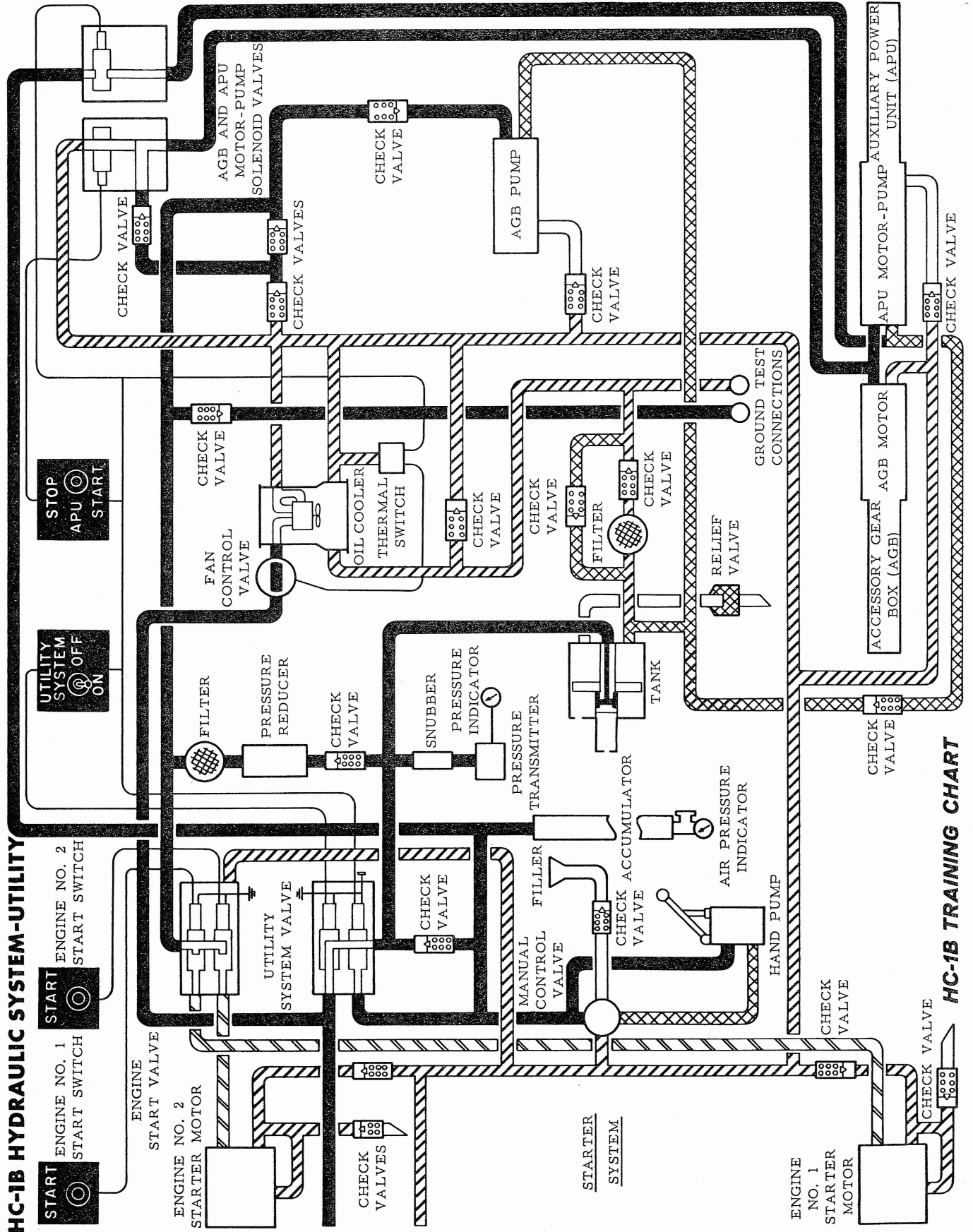
UPPER BOOST ACTUATOR SCHEMATIC



AFT UPPER BOOST ACTUATOR INSTALLATION

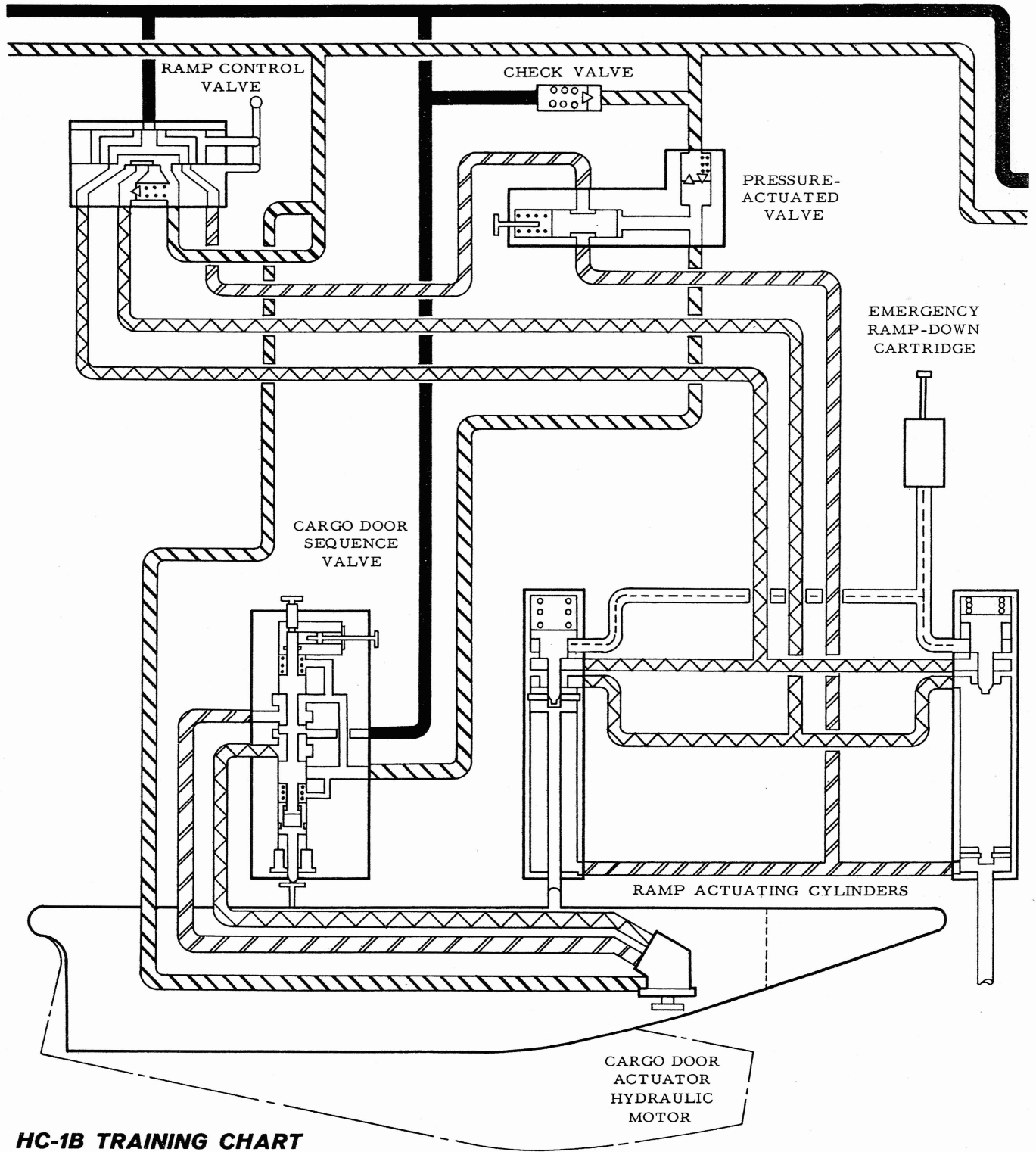


HC-1B HYDRAULIC SYSTEM-UTILITY

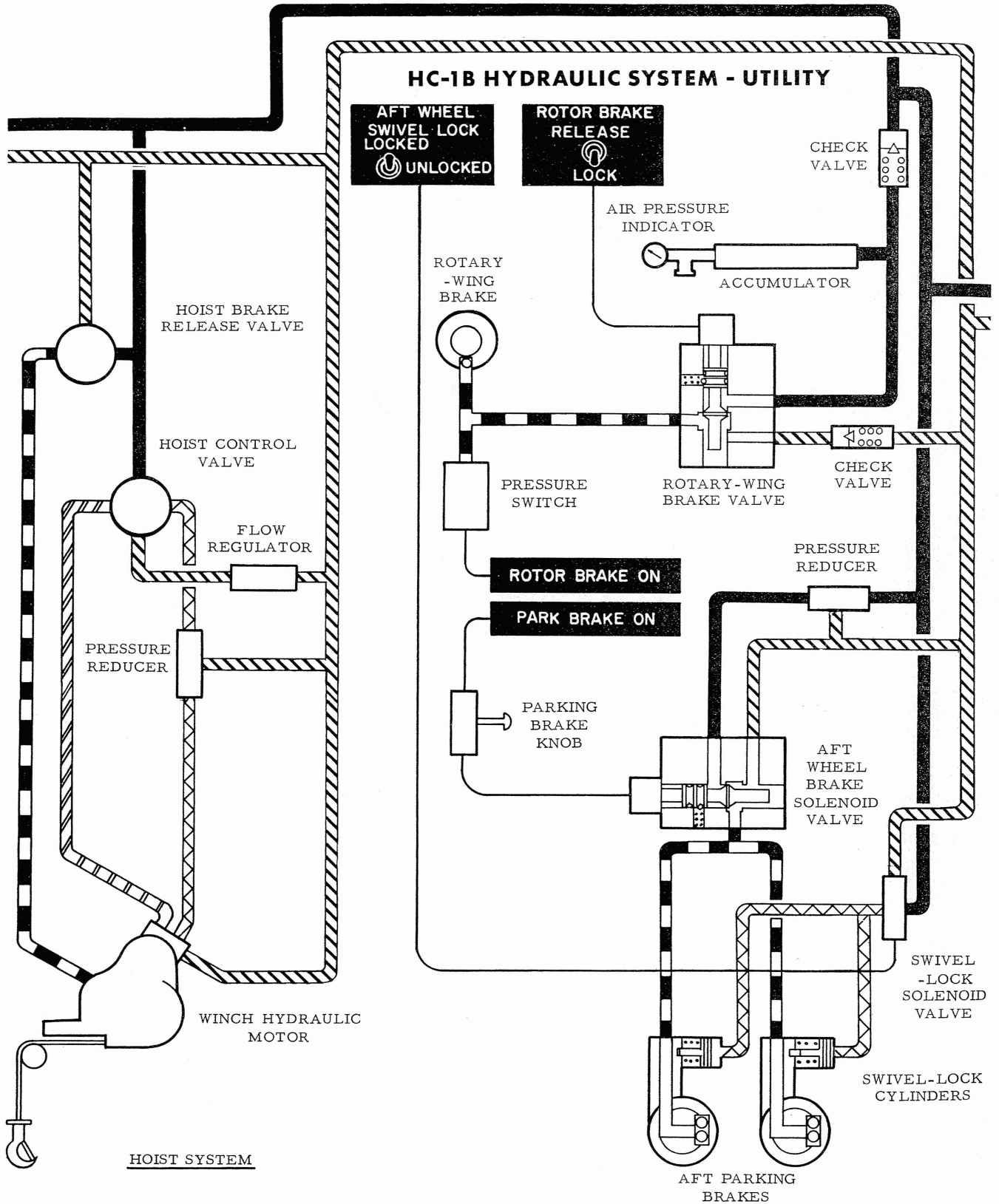


HC-1B HYDRAULIC SYSTEM - UTILITY

CARGO RAMP AND DOOR SYSTEM



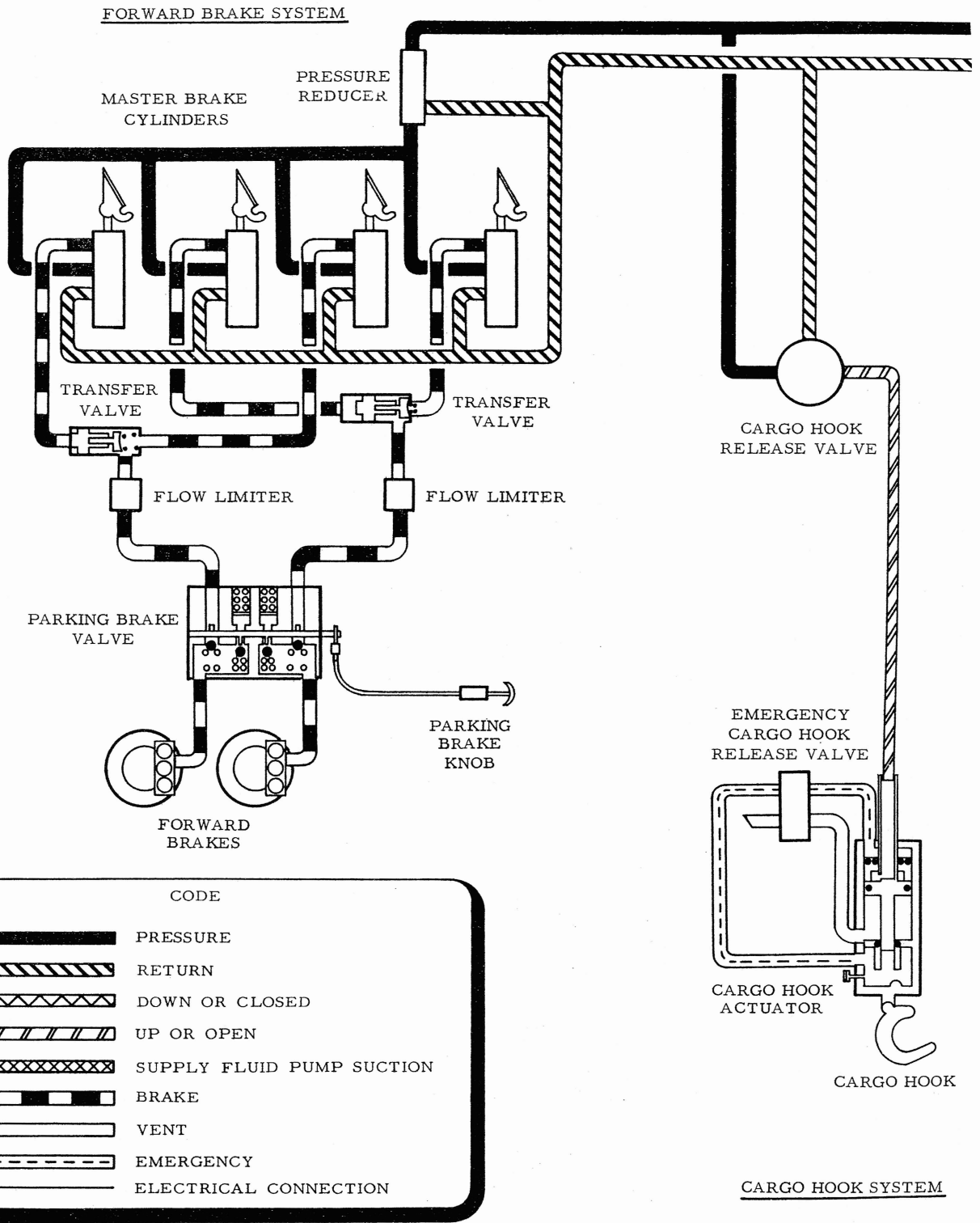
HC-1B TRAINING CHART

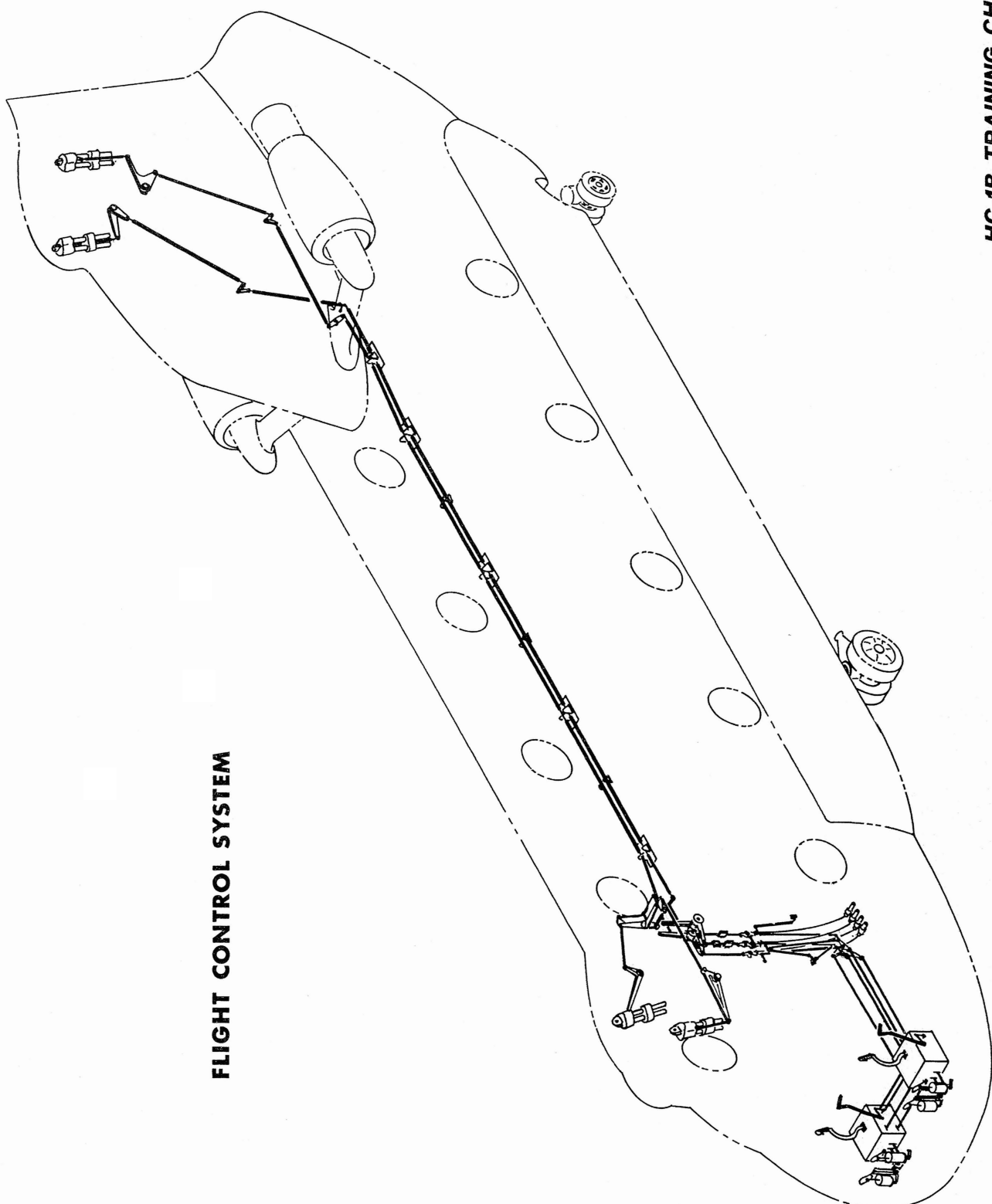


HOIST SYSTEM

ROTARY-WING BRAKE, AFT PARKING BRAKE, AND SWIVEL-LOCK SYSTEM

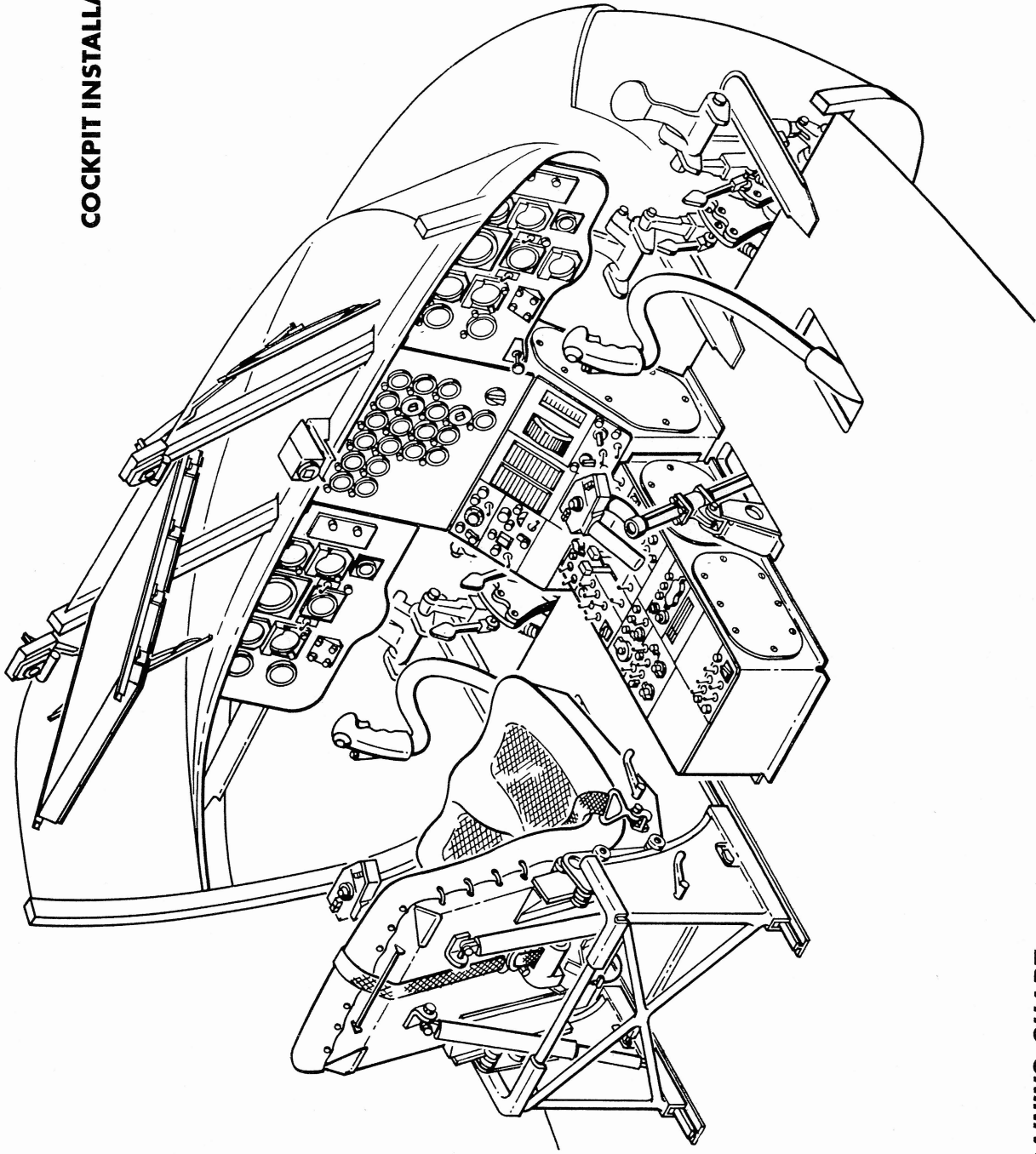
HC-1B HYDRAULIC SYSTEM - UTILITY



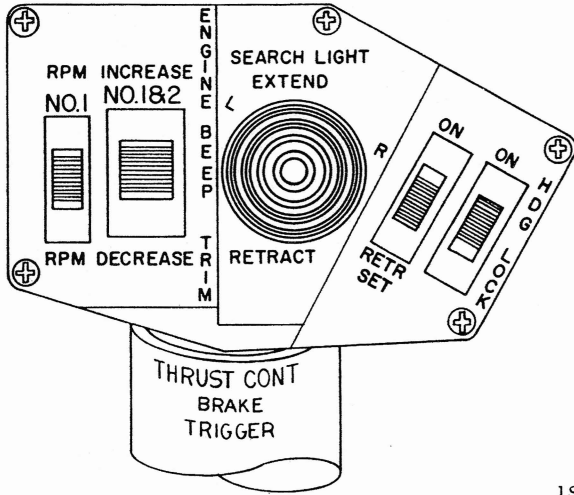


FLIGHT CONTROL SYSTEM

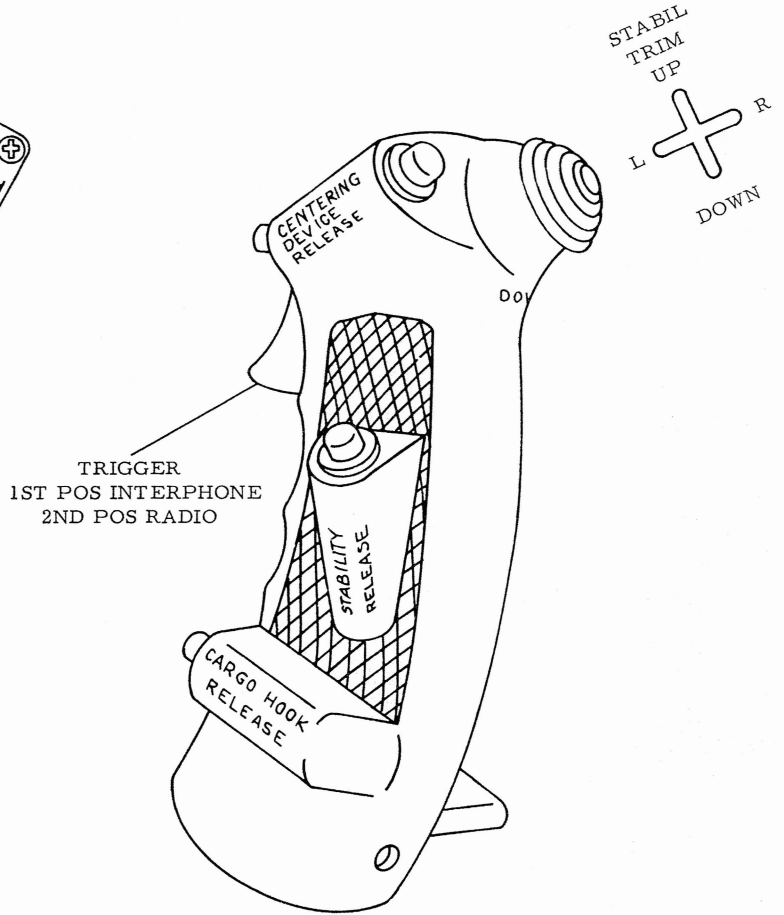
COCKPIT INSTALLATION



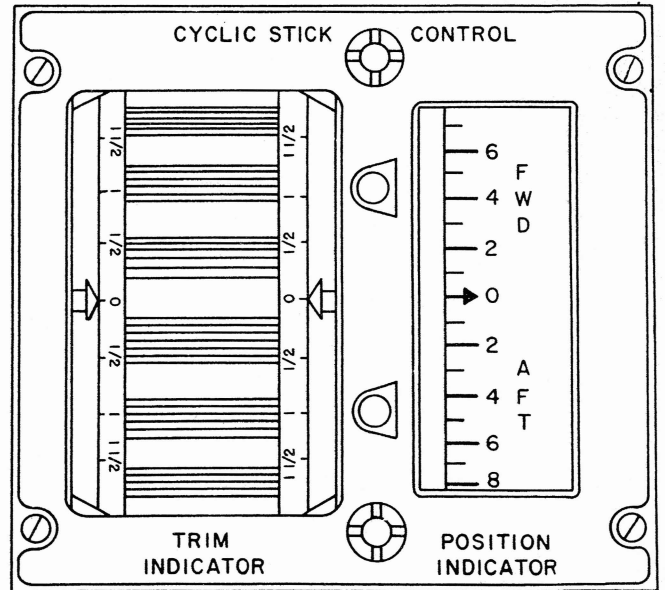
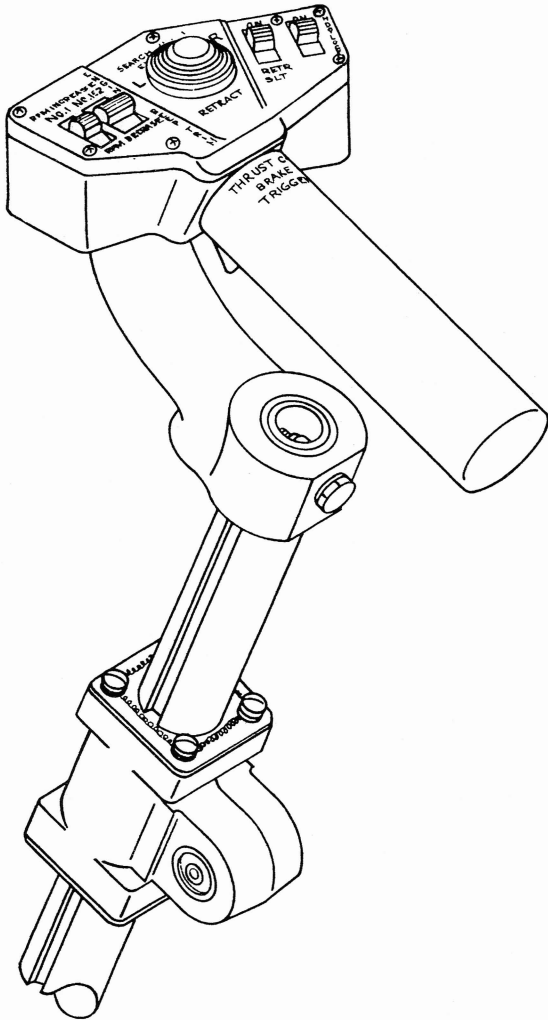
PILOTS' COMPARTMENT CONTROLS



THRUST CONTROL ROD

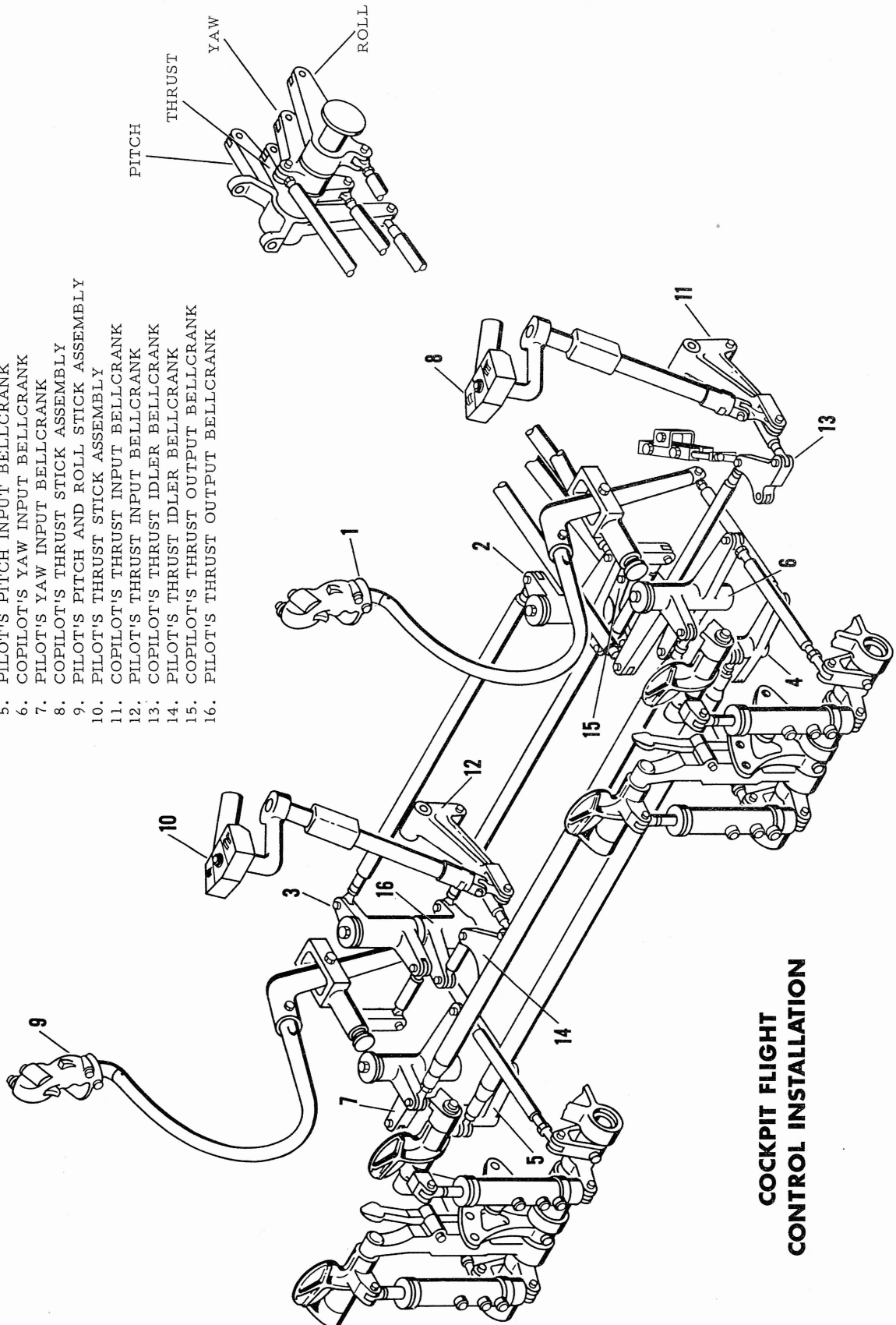


CYCLIC STICK GRIP



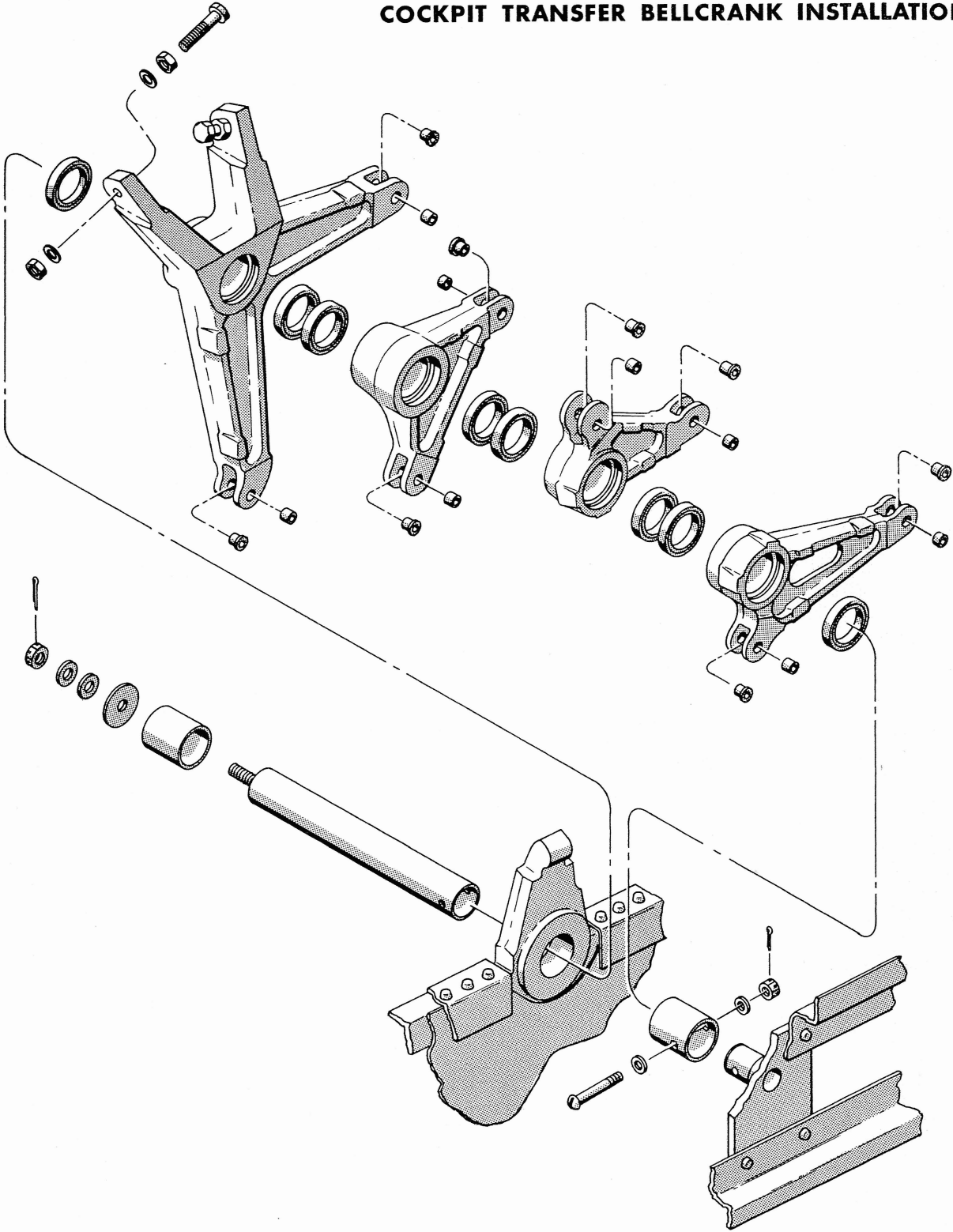
CYCLIC STICK CONTROL PANEL

1. COPILOT'S PITCH AND ROLL STICK ASSEMBLY
2. COPILOT'S ROLL OUTPUT BELLCRANK
3. PILOT'S ROLL OUTPUT BELLCRANK
4. COPILOT'S PITCH INPUT BELLCRANK
5. PILOT'S PITCH INPUT BELLCRANK
6. COPILOT'S YAW INPUT BELLCRANK
7. PILOT'S YAW INPUT BELLCRANK
8. COPILOT'S THRUST STICK ASSEMBLY
9. PILOT'S THRUST AND ROLL STICK ASSEMBLY
10. PILOT'S THRUST STICK ASSEMBLY
11. COPILOT'S THRUST INPUT BELLCRANK
12. PILOT'S THRUST INPUT BELLCRANK
13. COPILOT'S THRUST IDLER BELLCRANK
14. PILOT'S THRUST IDLER BELLCRANK
15. COPILOT'S THRUST OUTPUT BELLCRANK
16. PILOT'S THRUST OUTPUT BELLCRANK

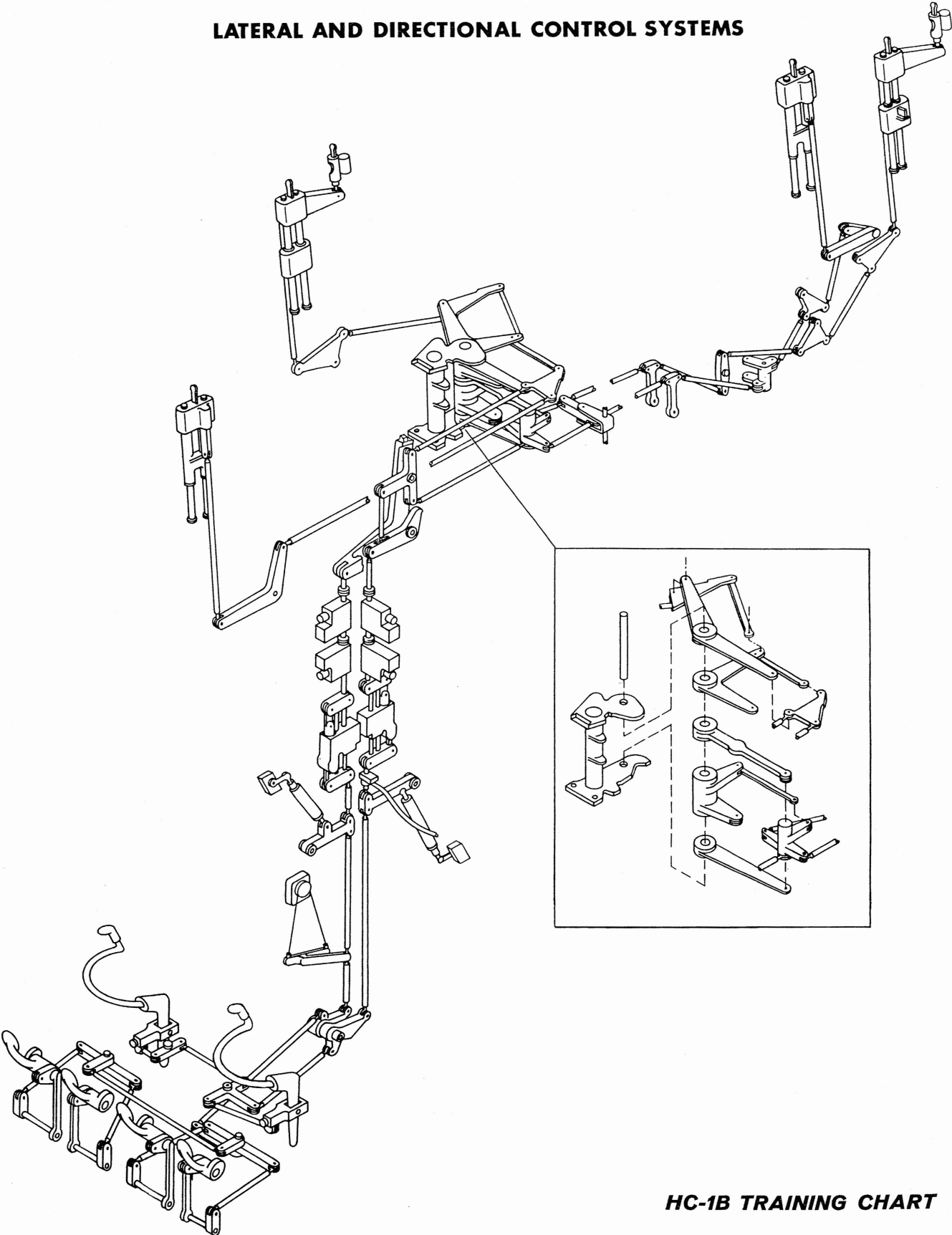


**COCKPIT FLIGHT
CONTROL INSTALLATION**

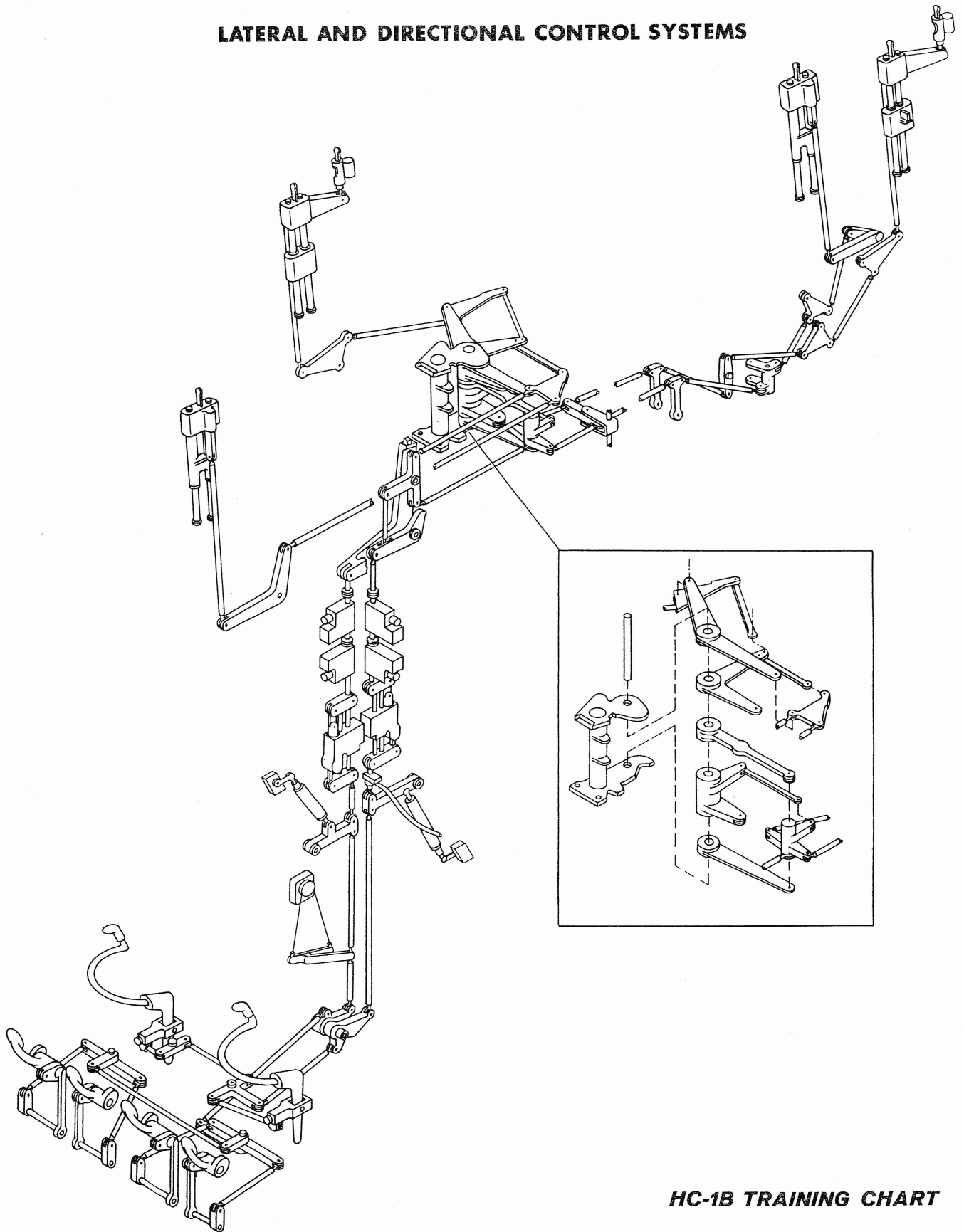
COCKPIT TRANSFER BELLCRANK INSTALLATION



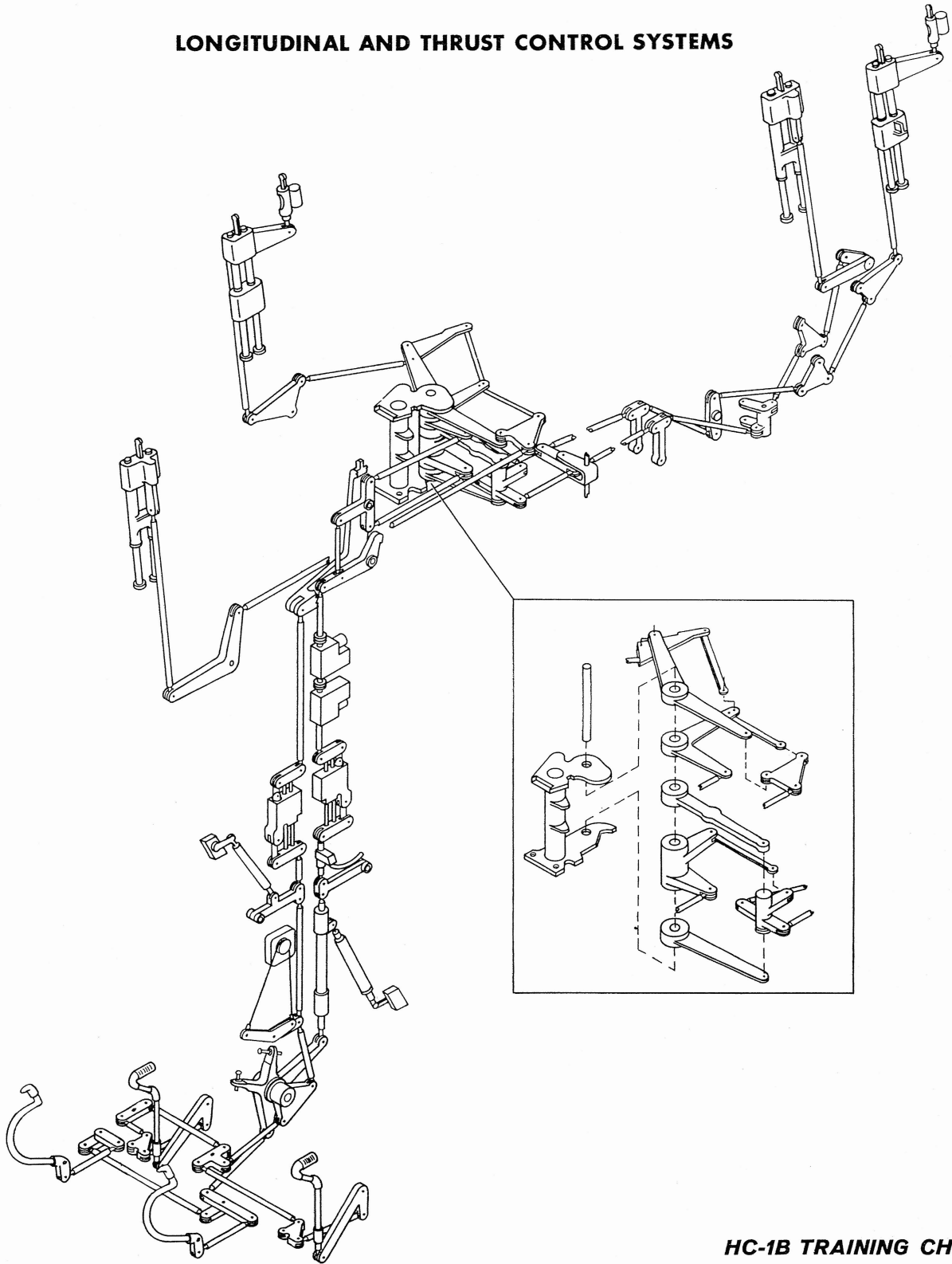
LATERAL AND DIRECTIONAL CONTROL SYSTEMS



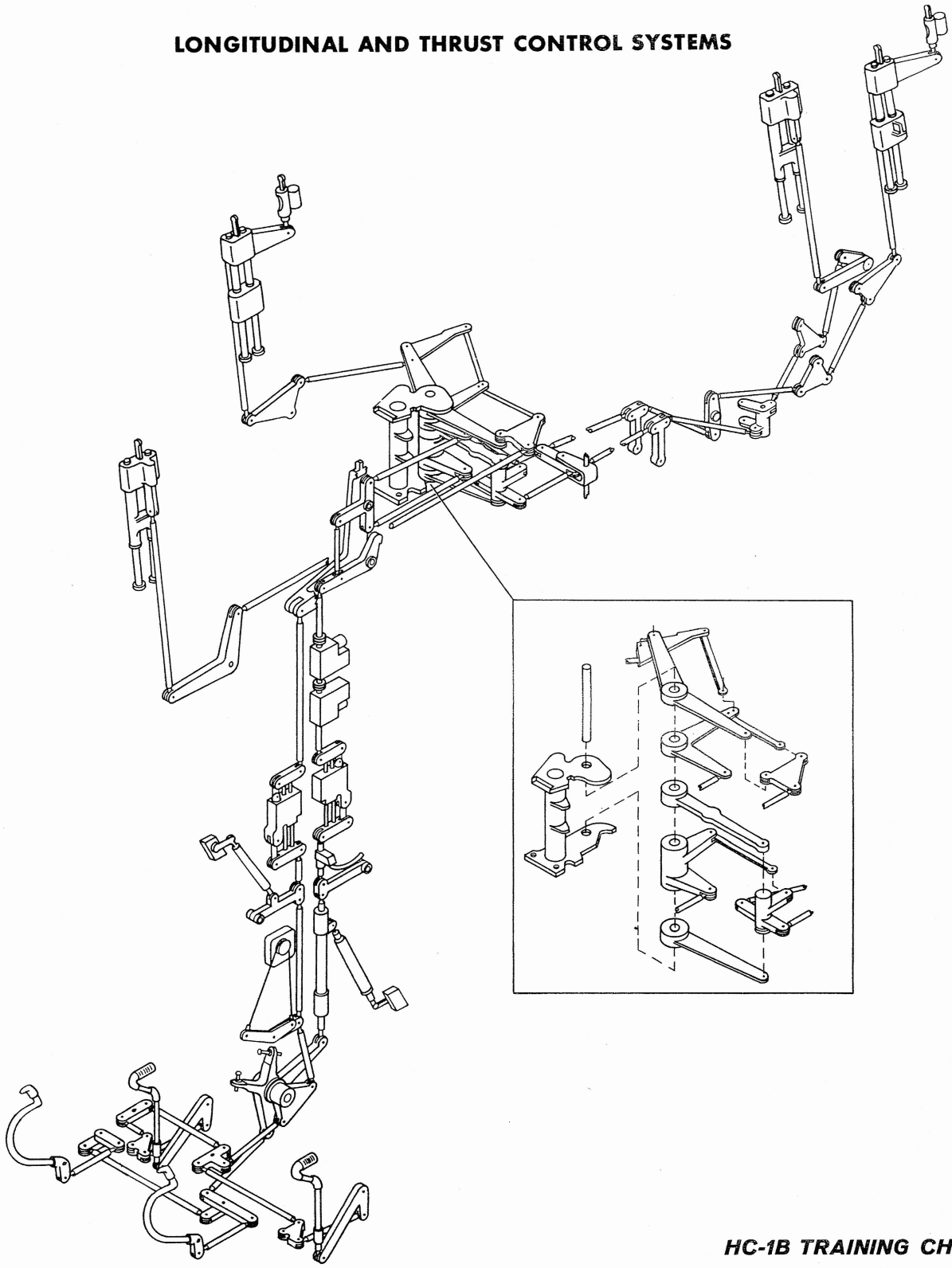
LATERAL AND DIRECTIONAL CONTROL SYSTEMS



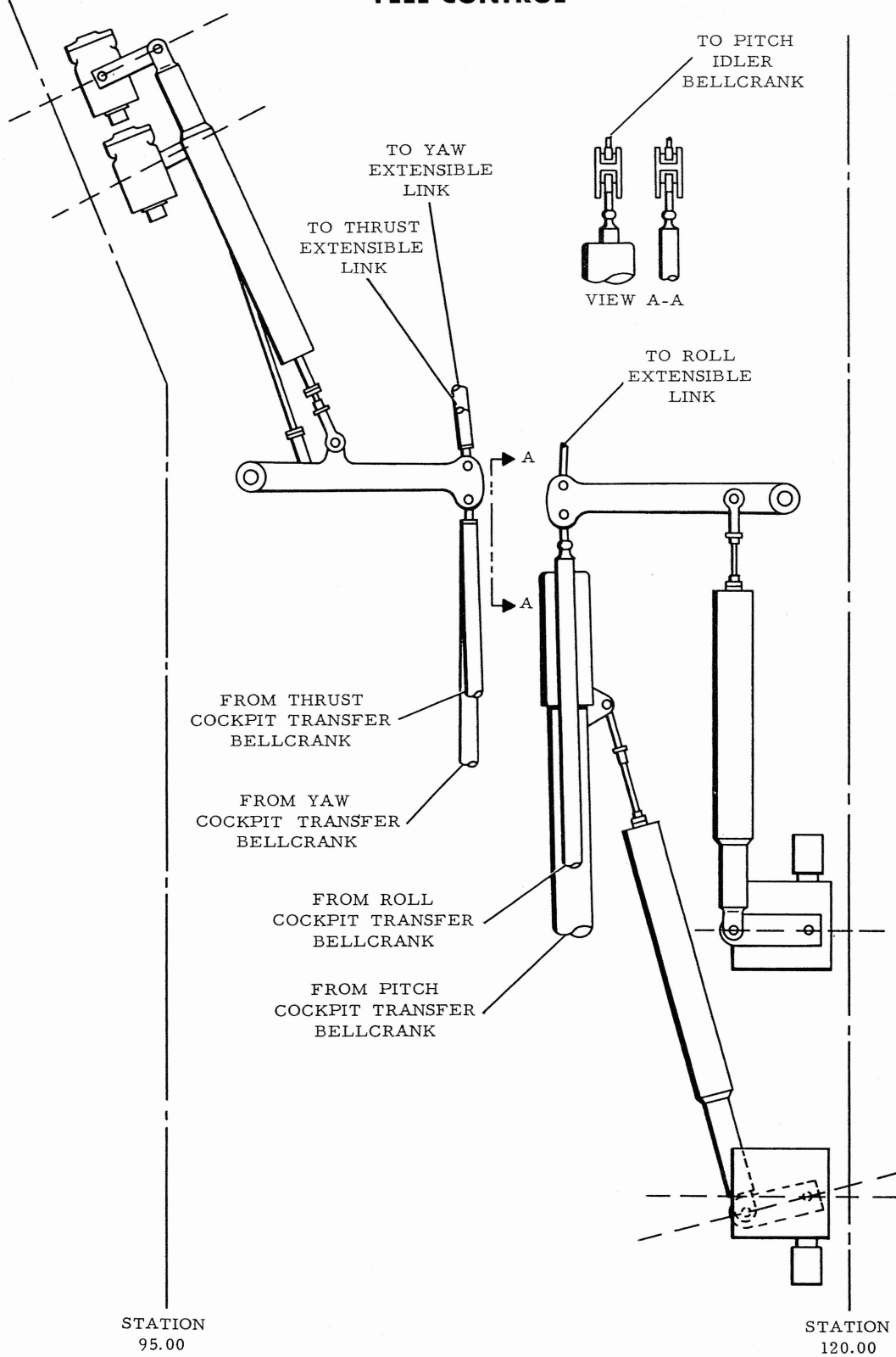
LONGITUDINAL AND THRUST CONTROL SYSTEMS

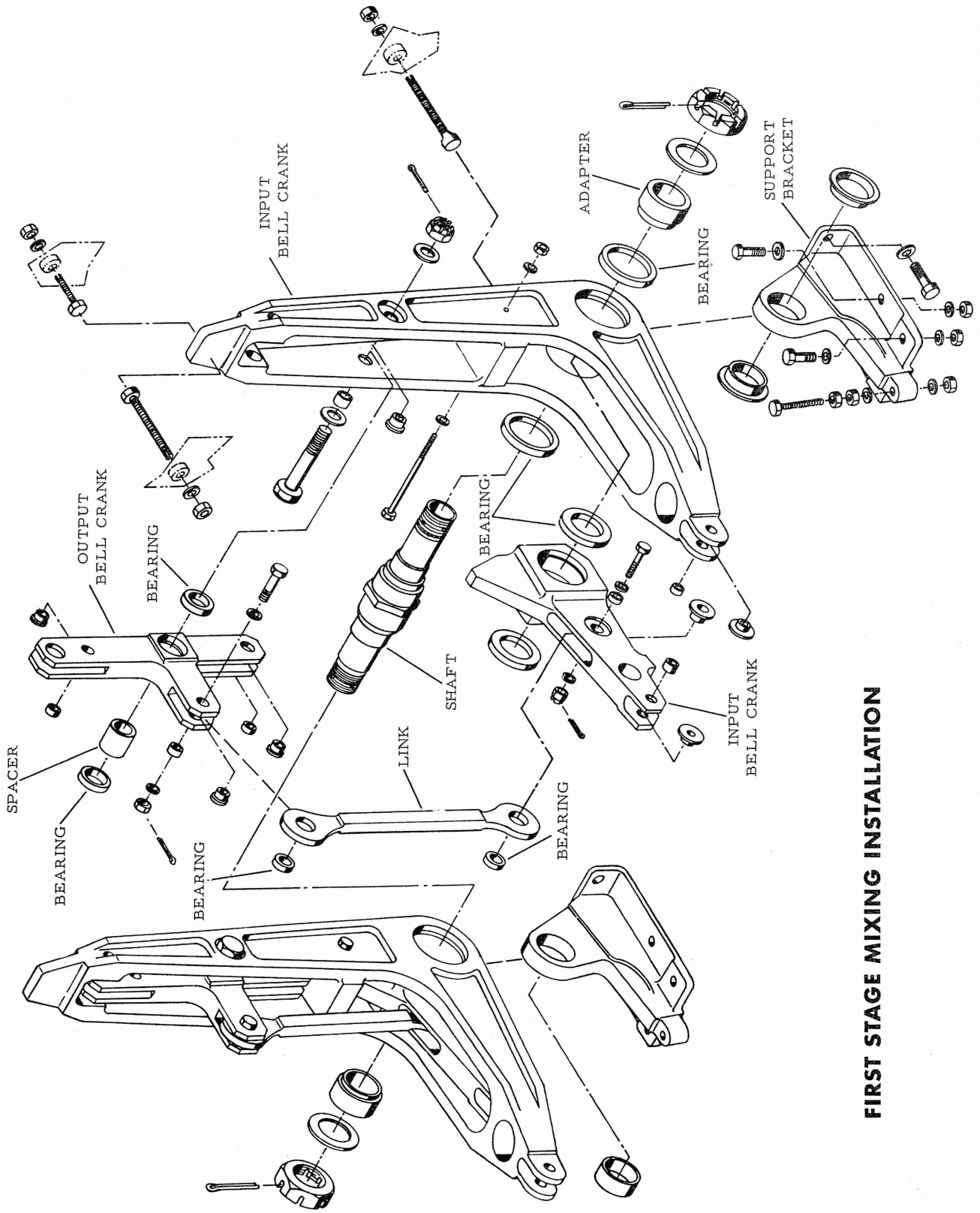


LONGITUDINAL AND THRUST CONTROL SYSTEMS



FEEL CONTROL

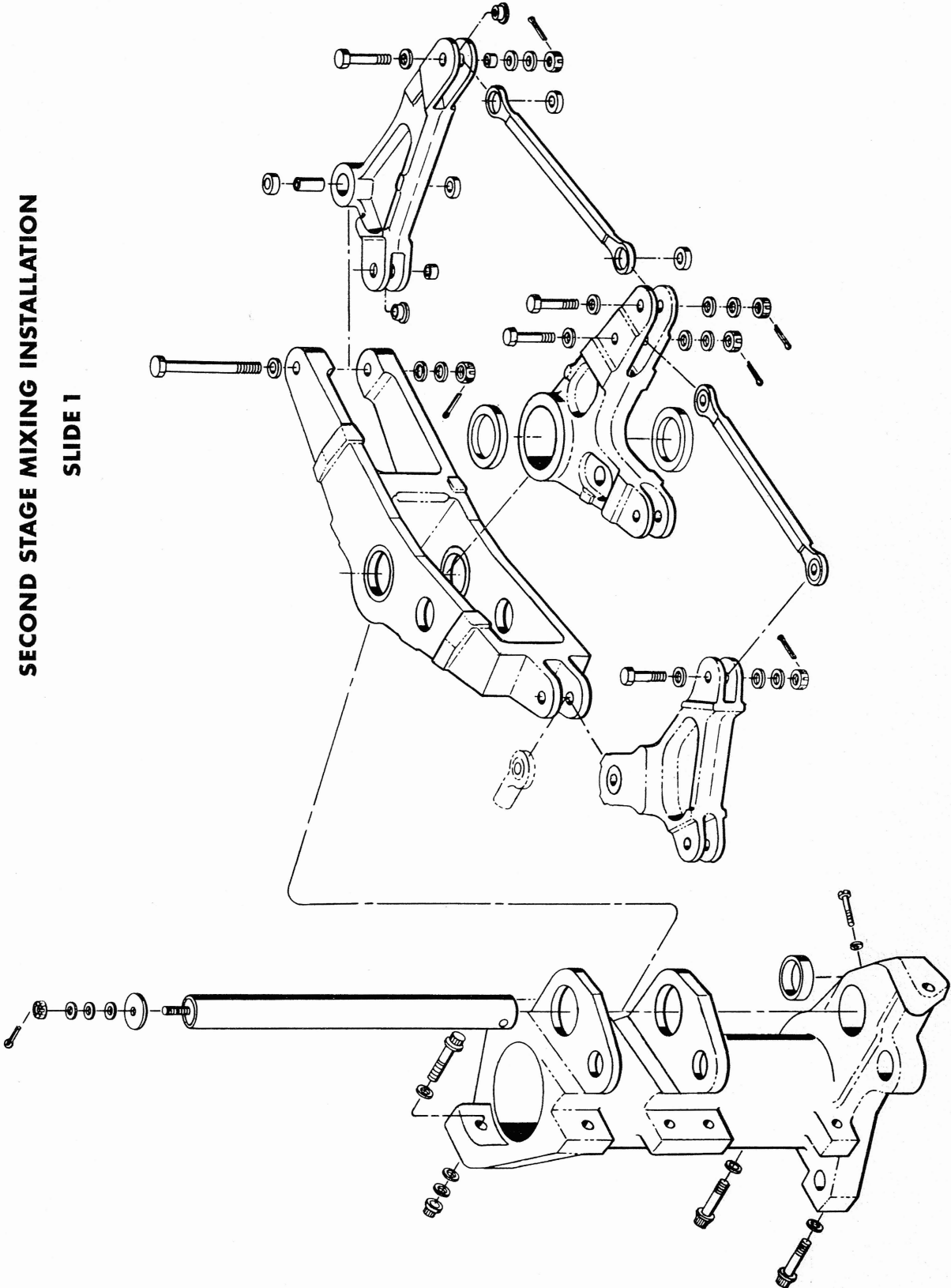




FIRST STAGE MIXING INSTALLATION

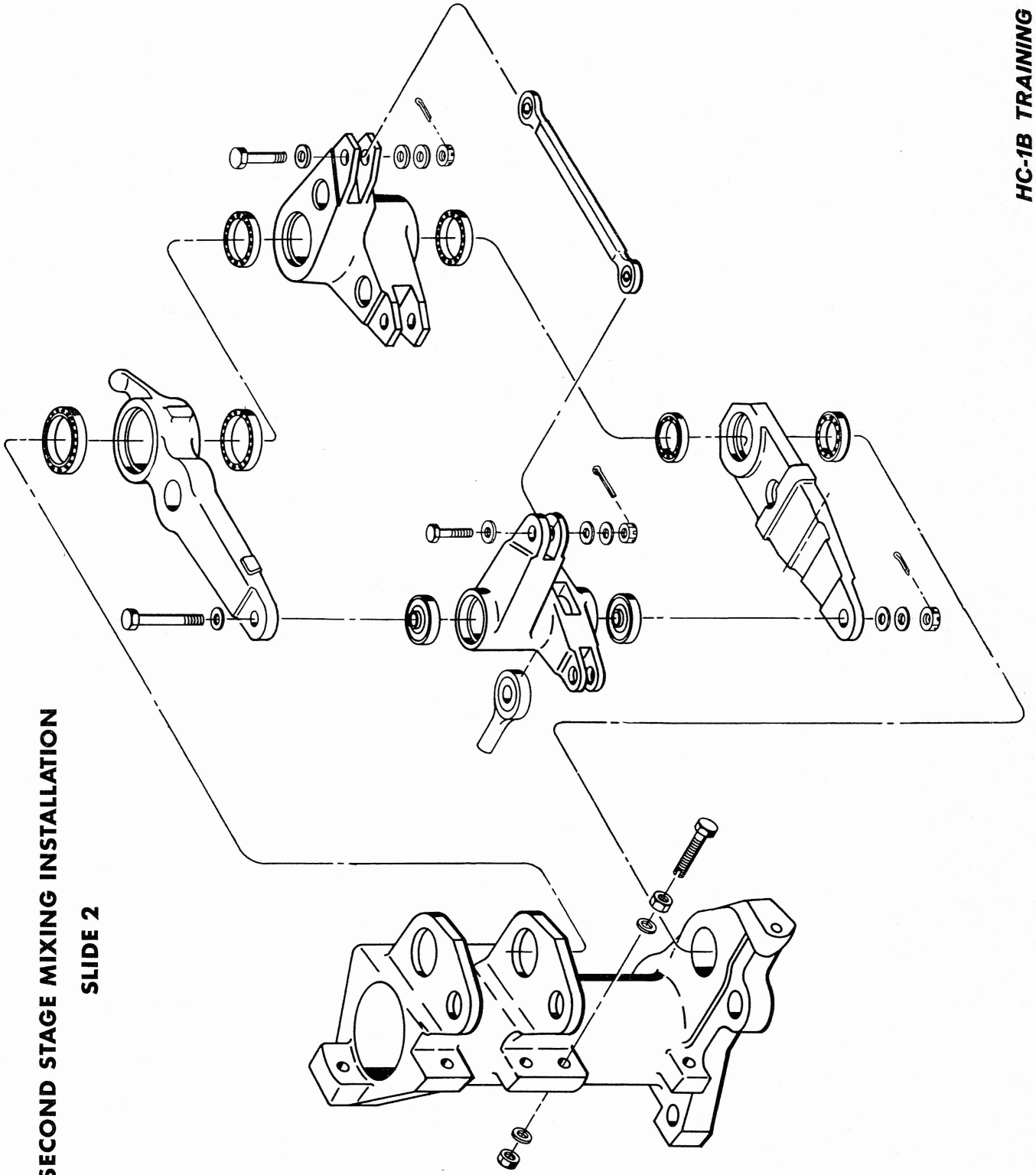
SECOND STAGE MIXING INSTALLATION

SLIDE 1

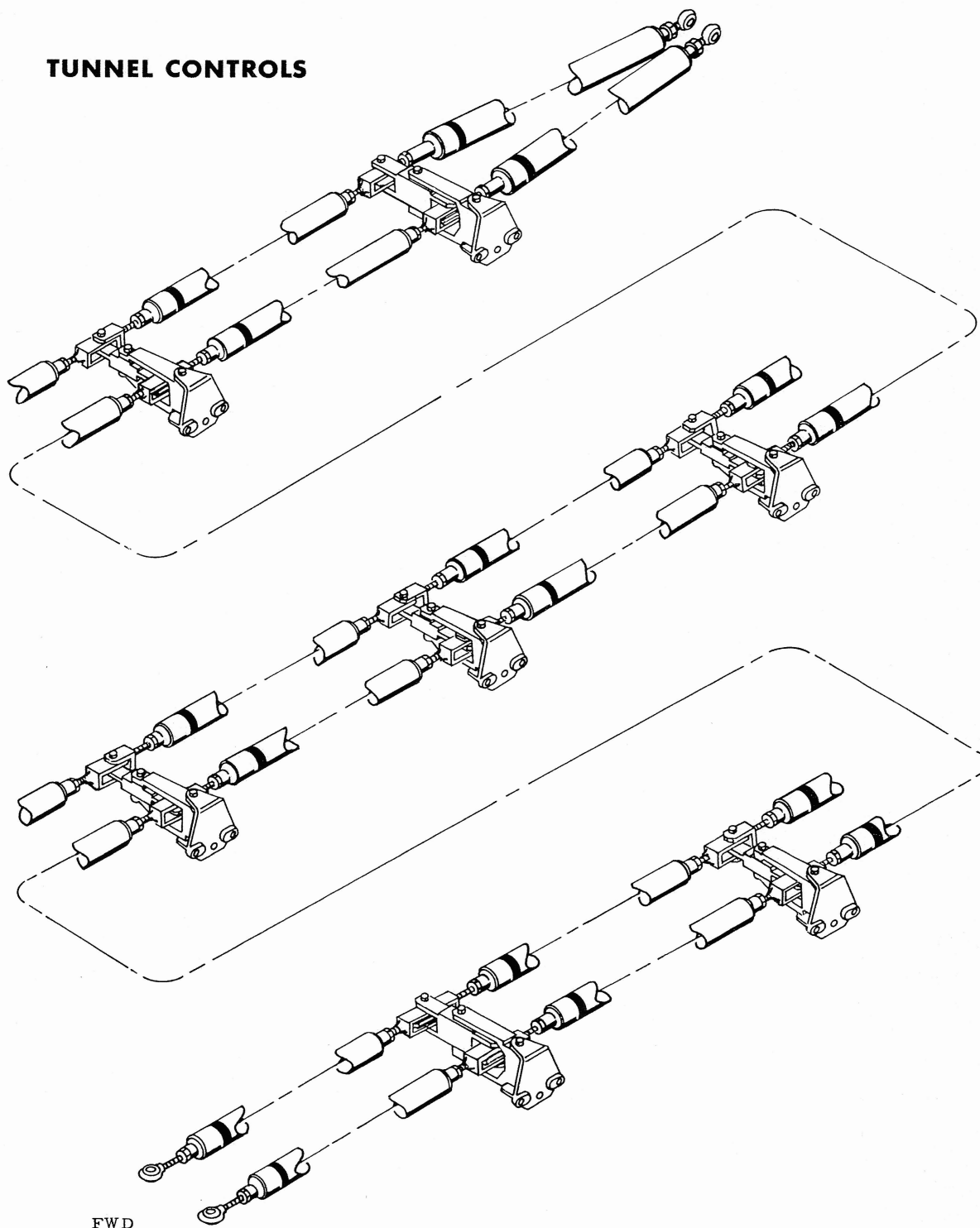


SECOND STAGE MIXING INSTALLATION

SLIDE 2

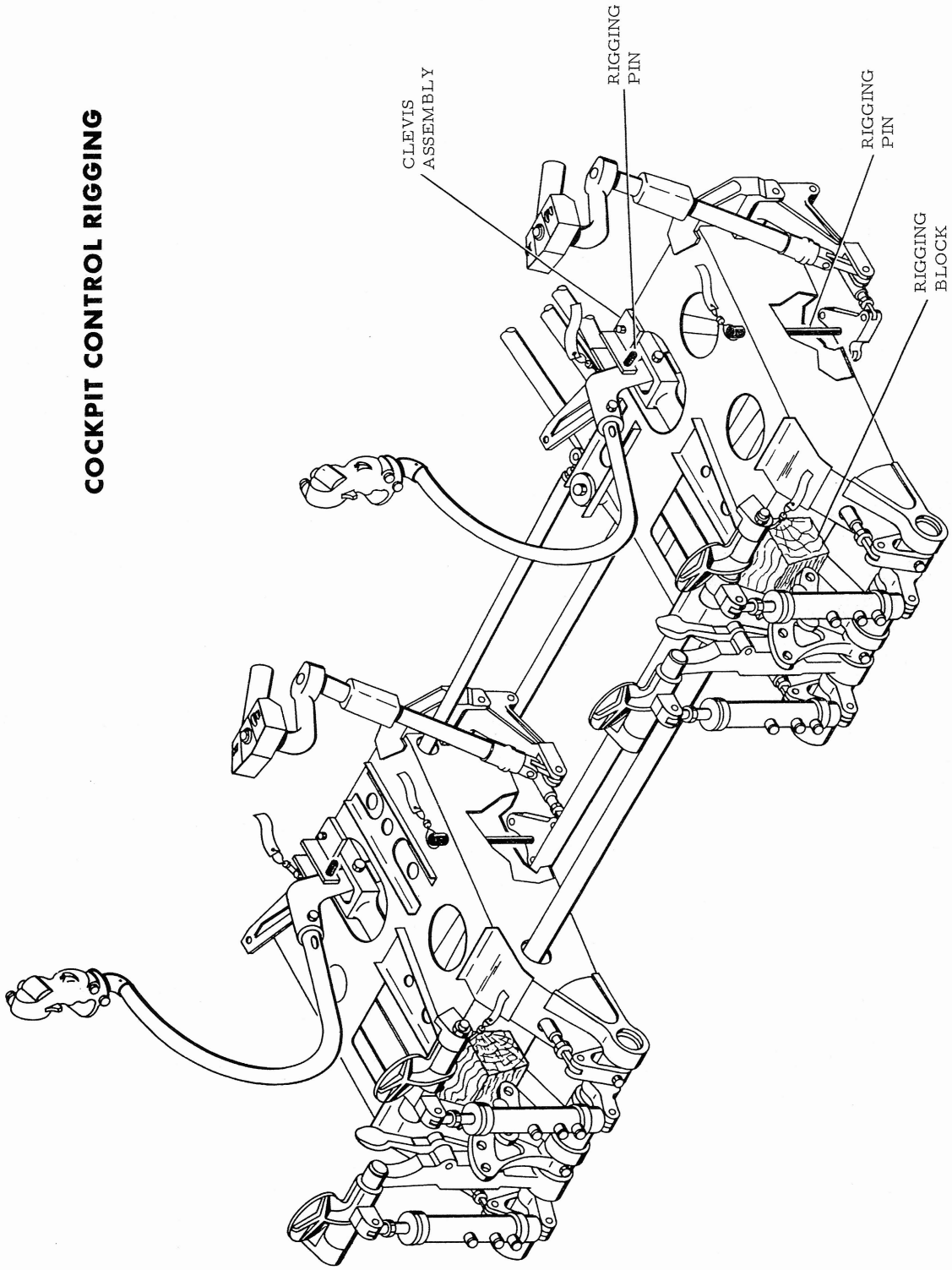


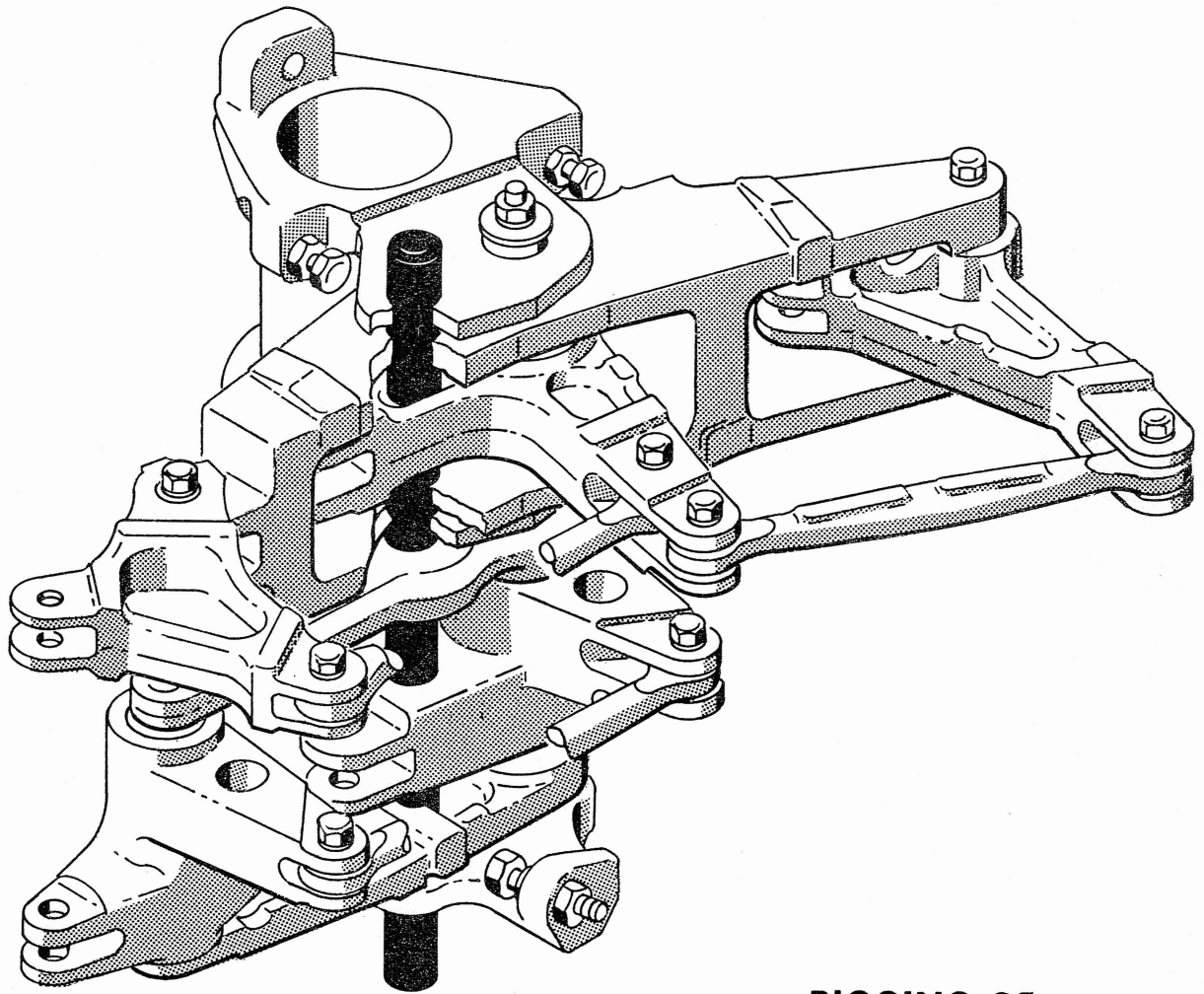
TUNNEL CONTROLS



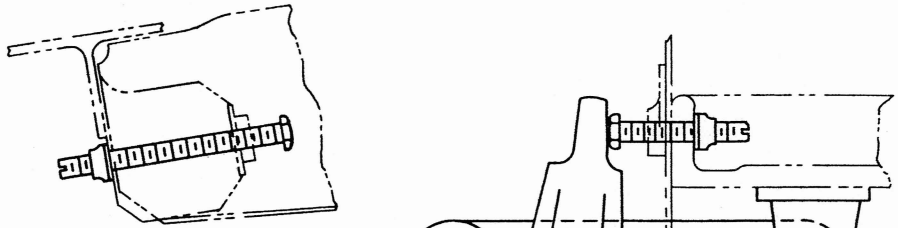
FWD

COCKPIT CONTROL RIGGING

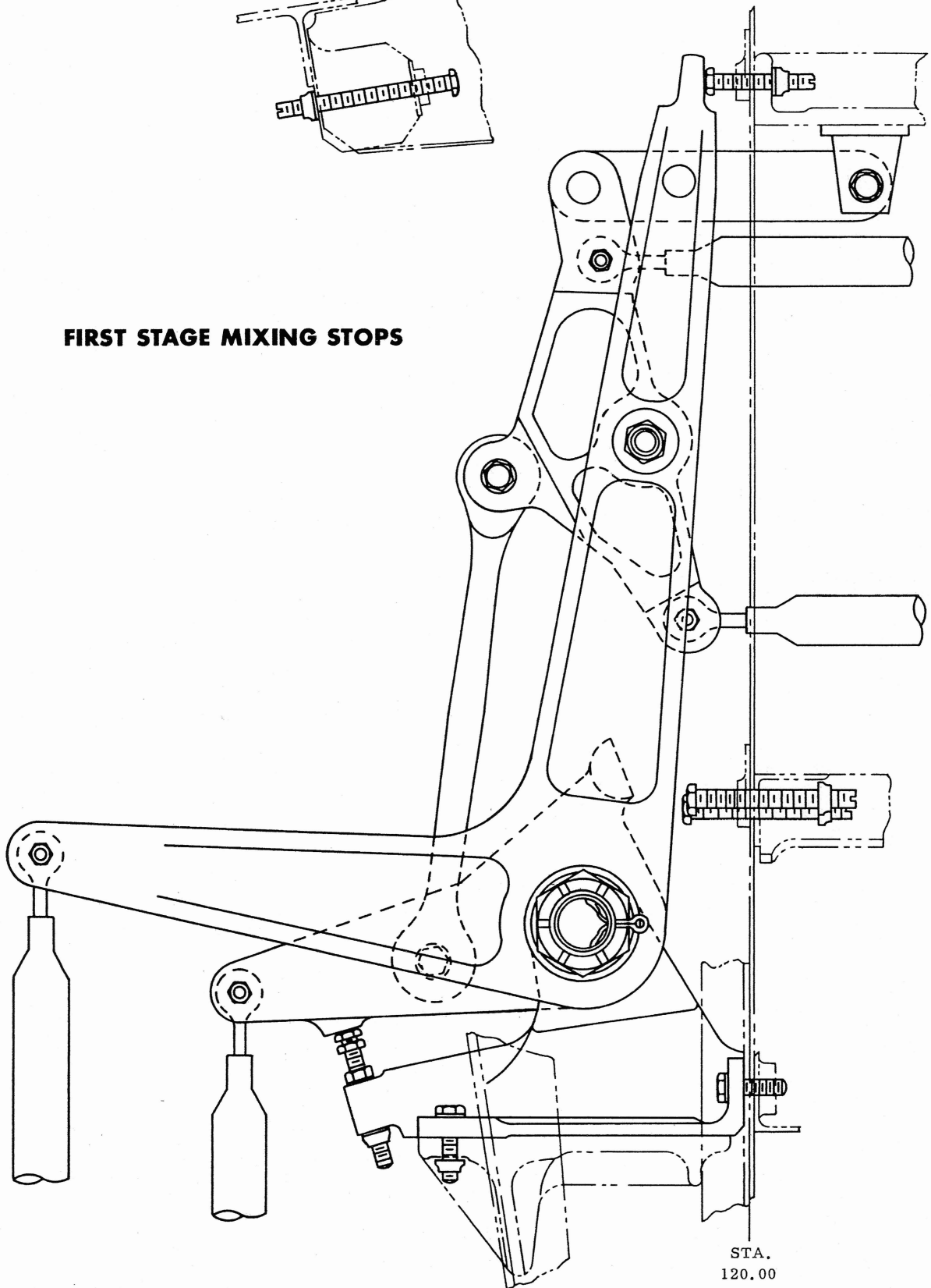




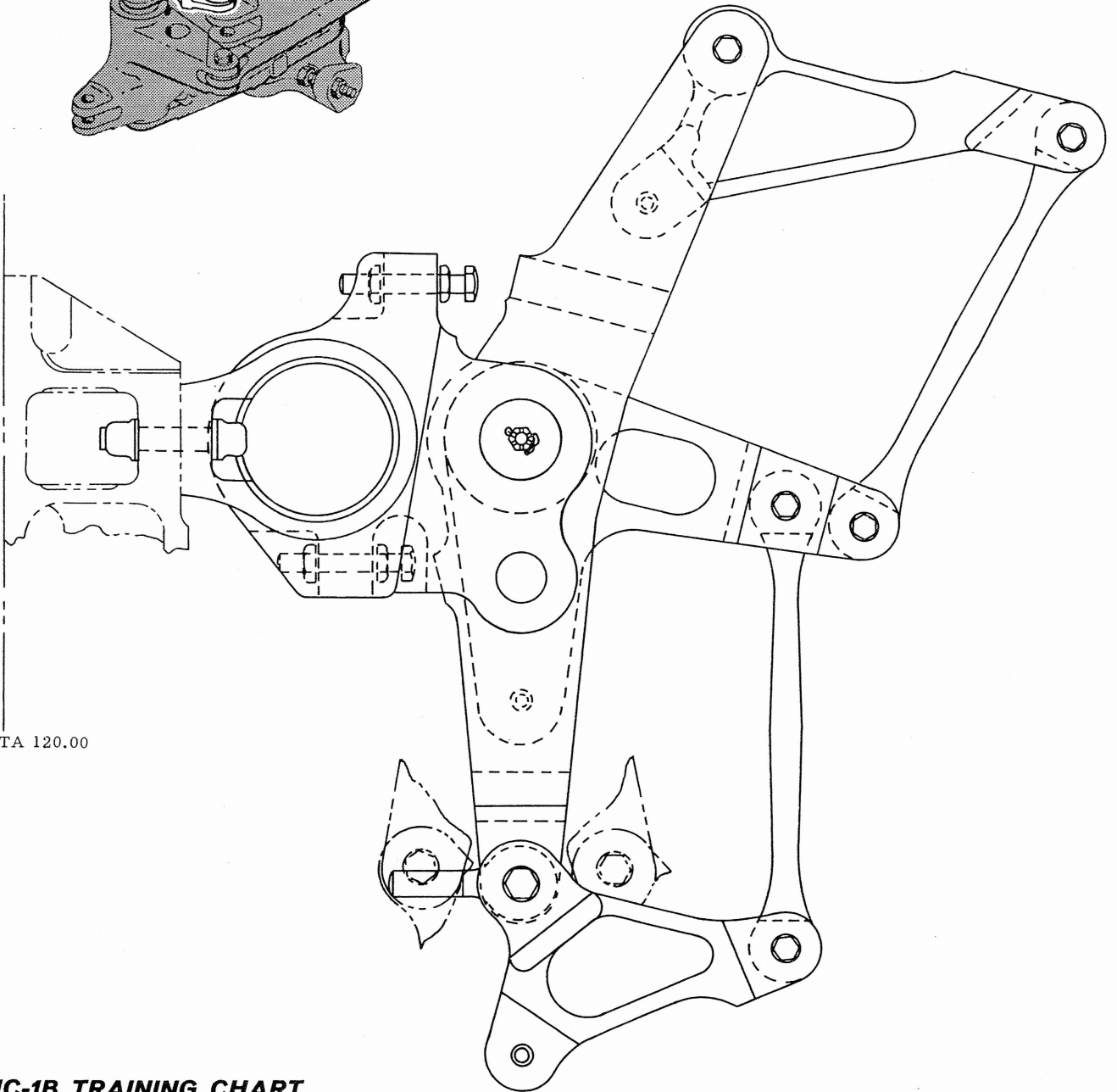
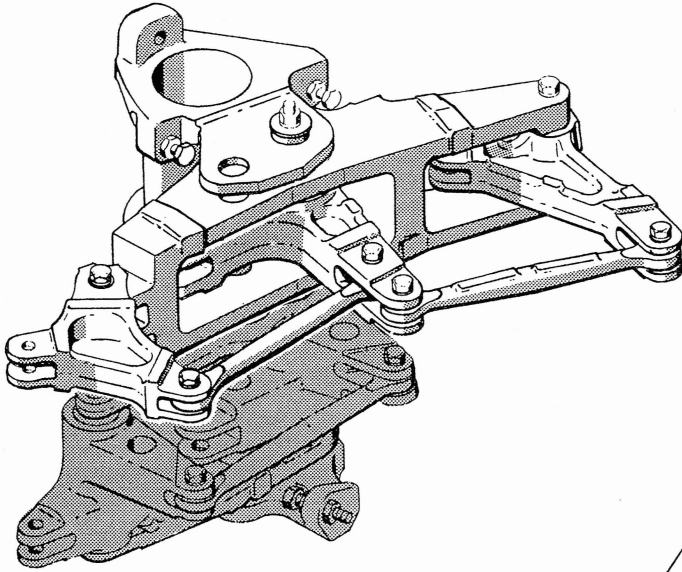
**RIGGING OF
SECOND STAGE MIXING**



FIRST STAGE MIXING STOPS

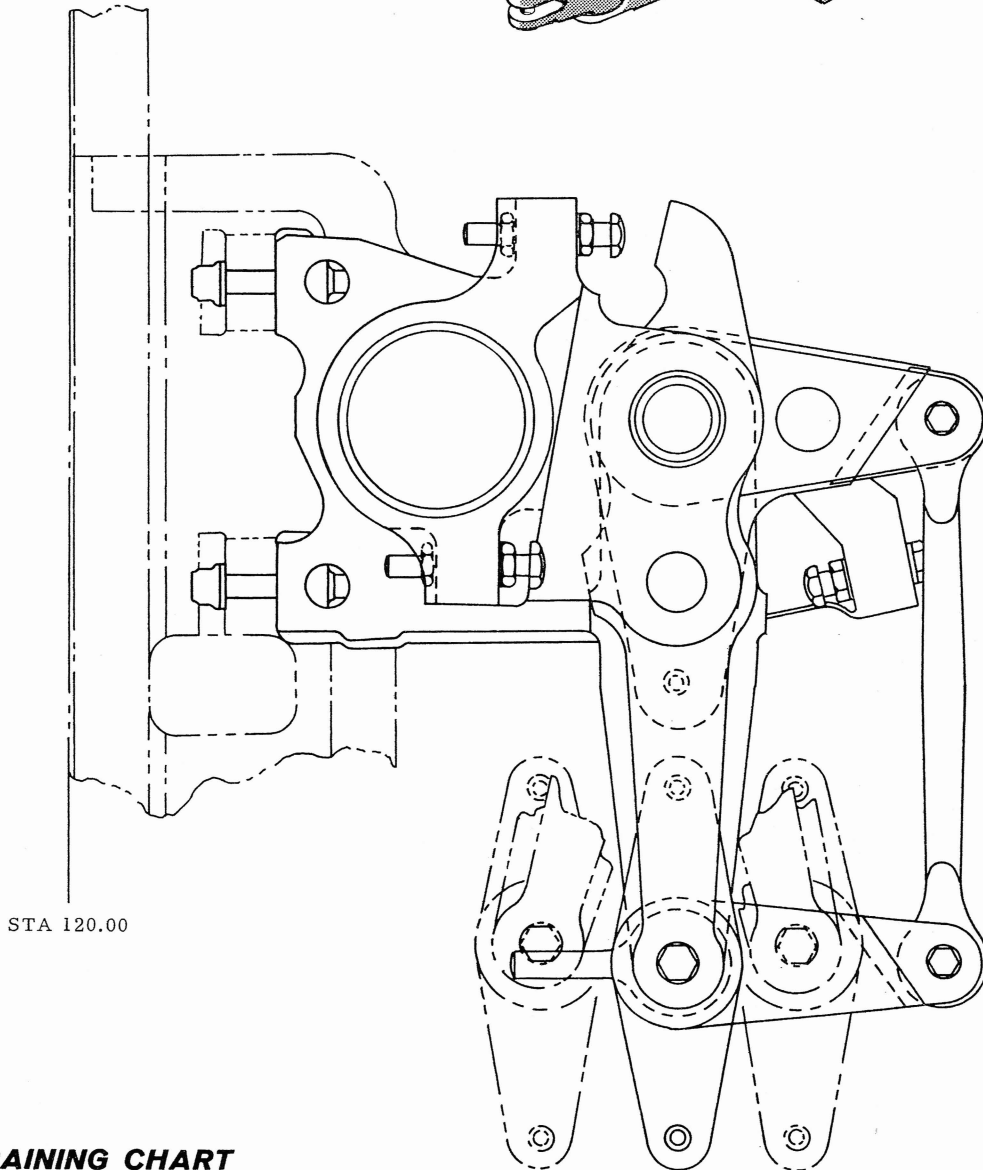
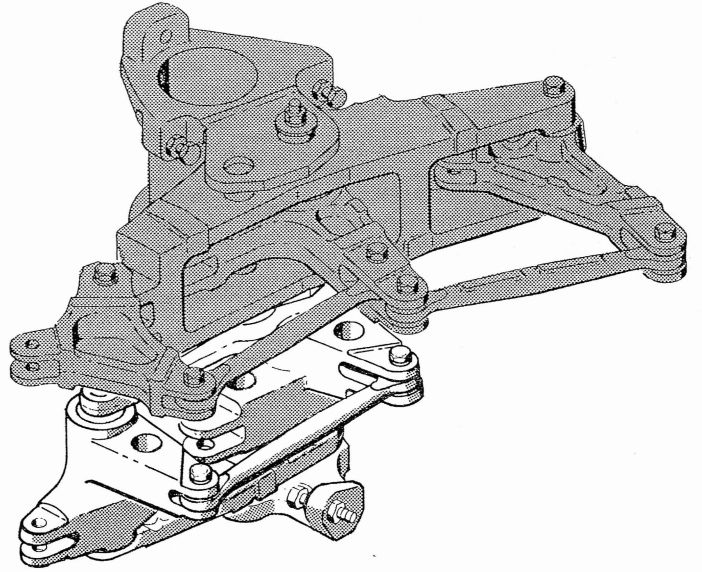


**SECOND STAGE MIXING STOPS
CHART 1**



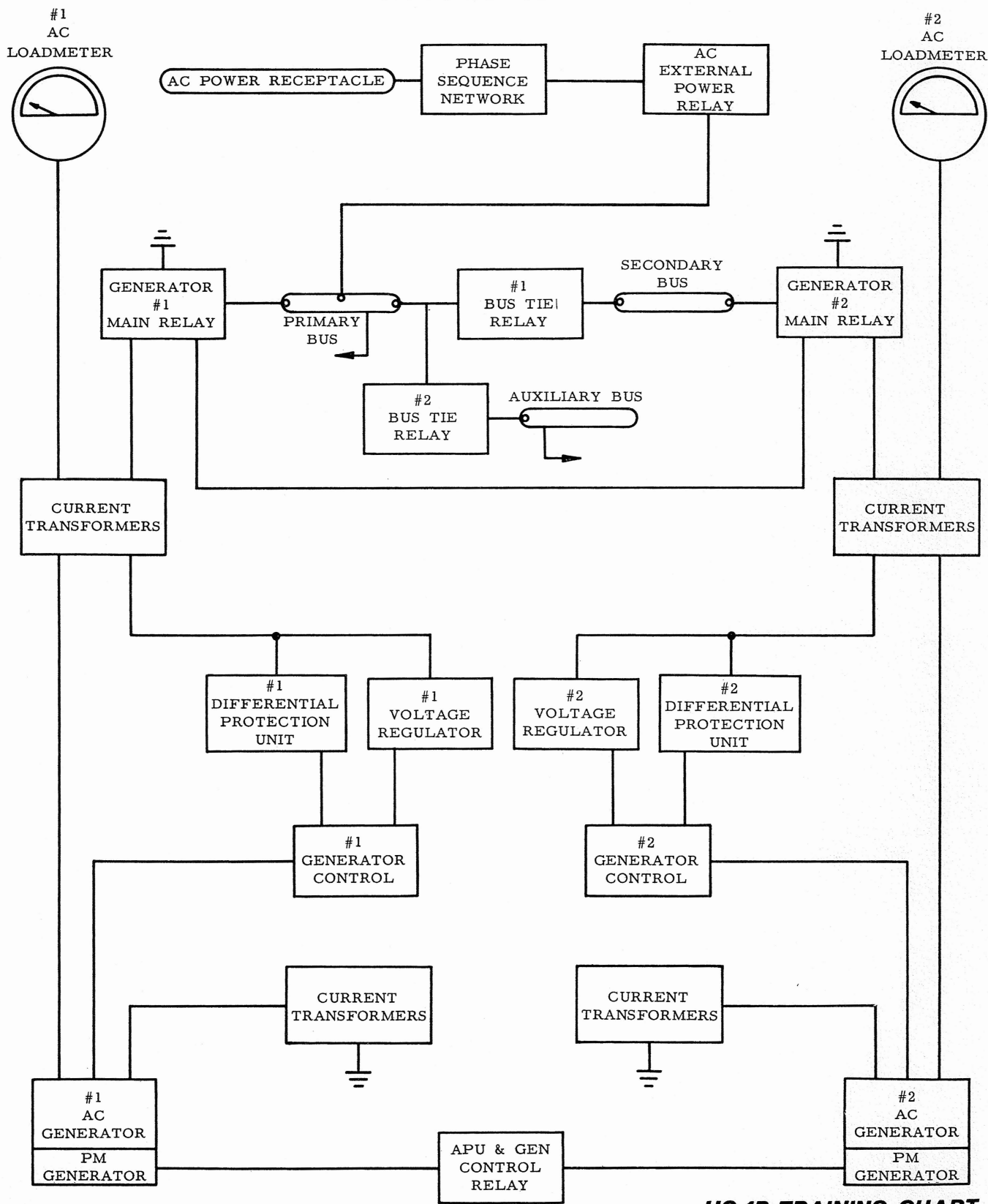
STA 120.00

**SECOND STAGE MIXING STOPS
CHART 2**

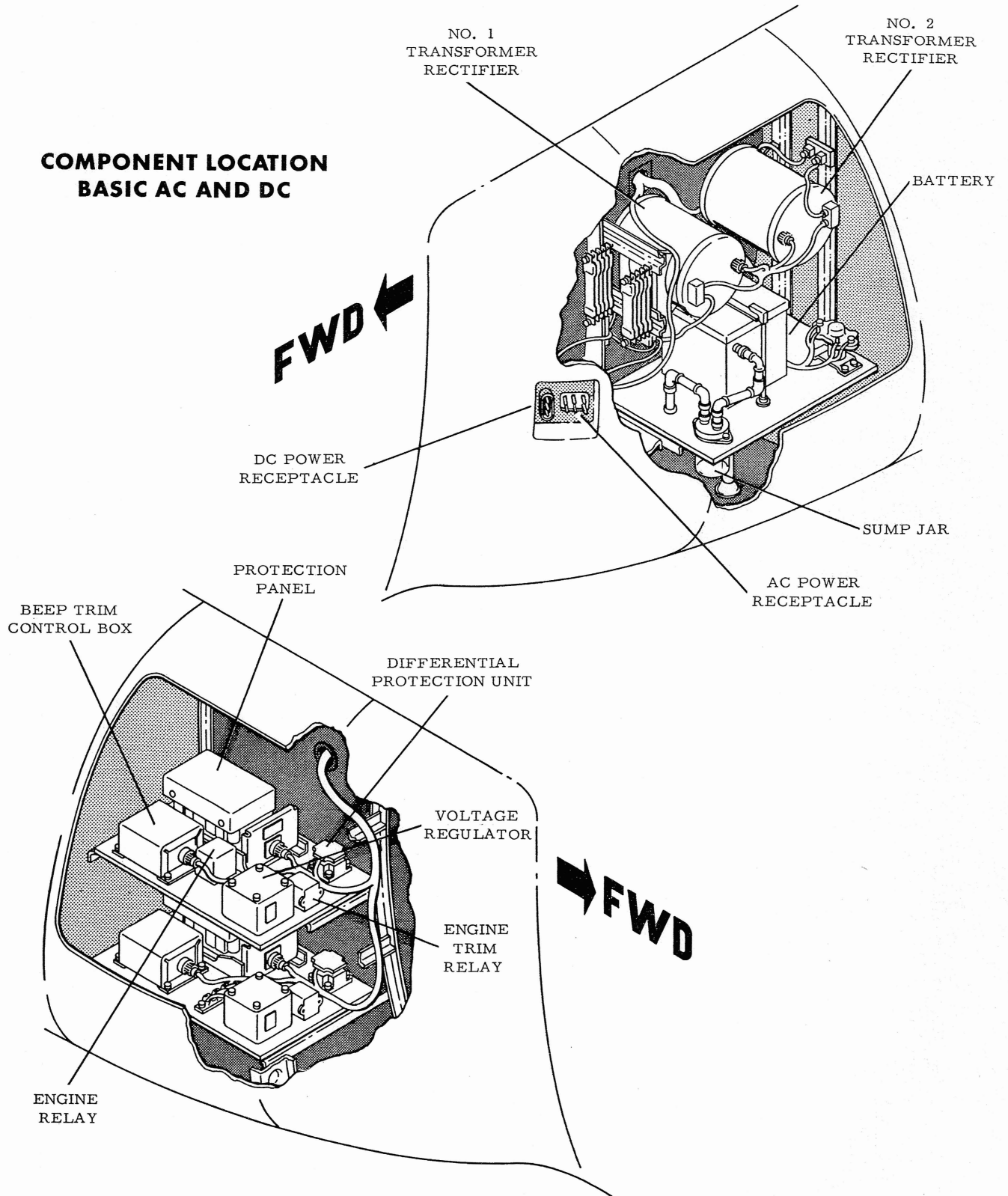


STA 120.00

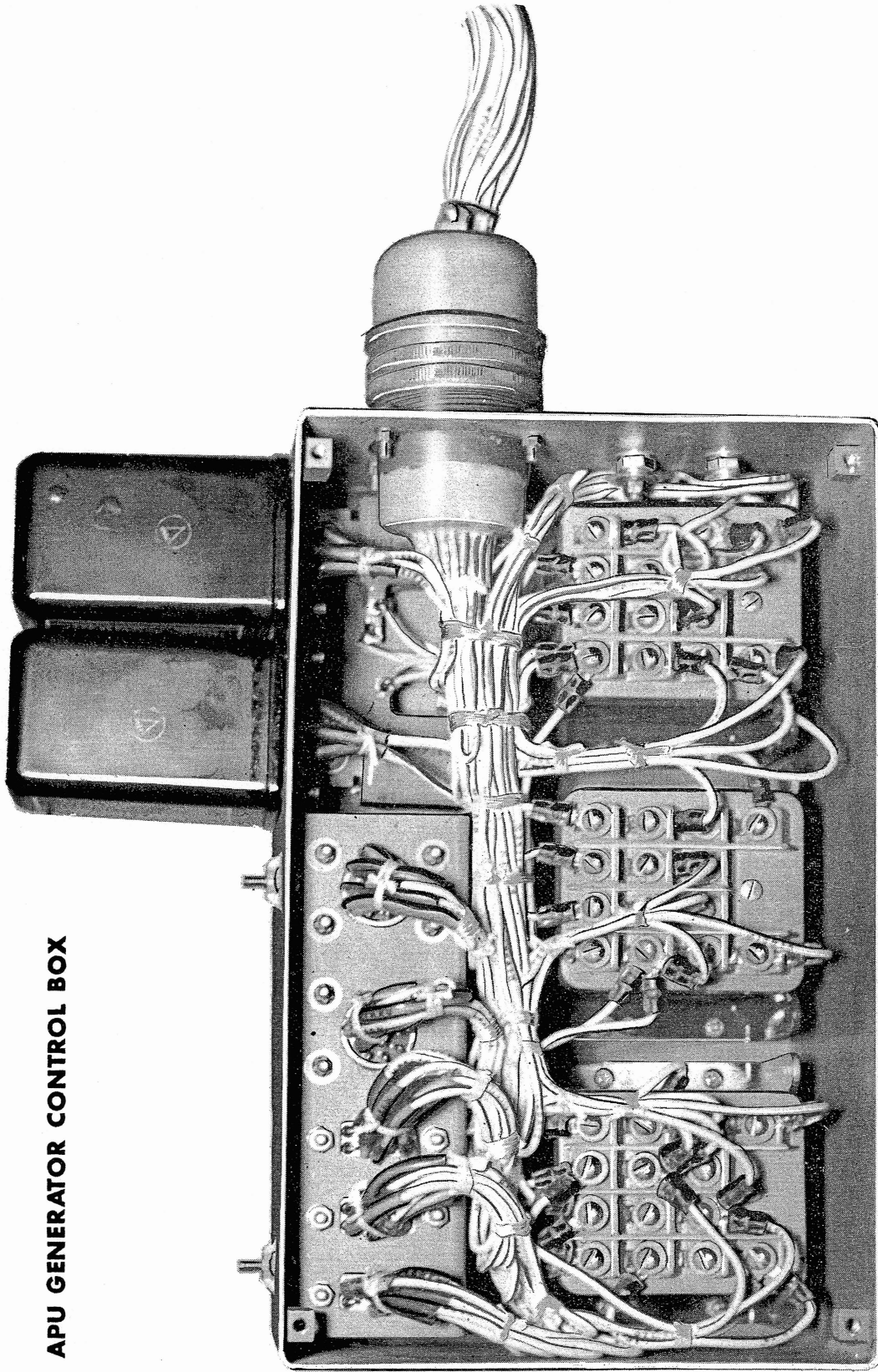
AC POWER SUPPLY



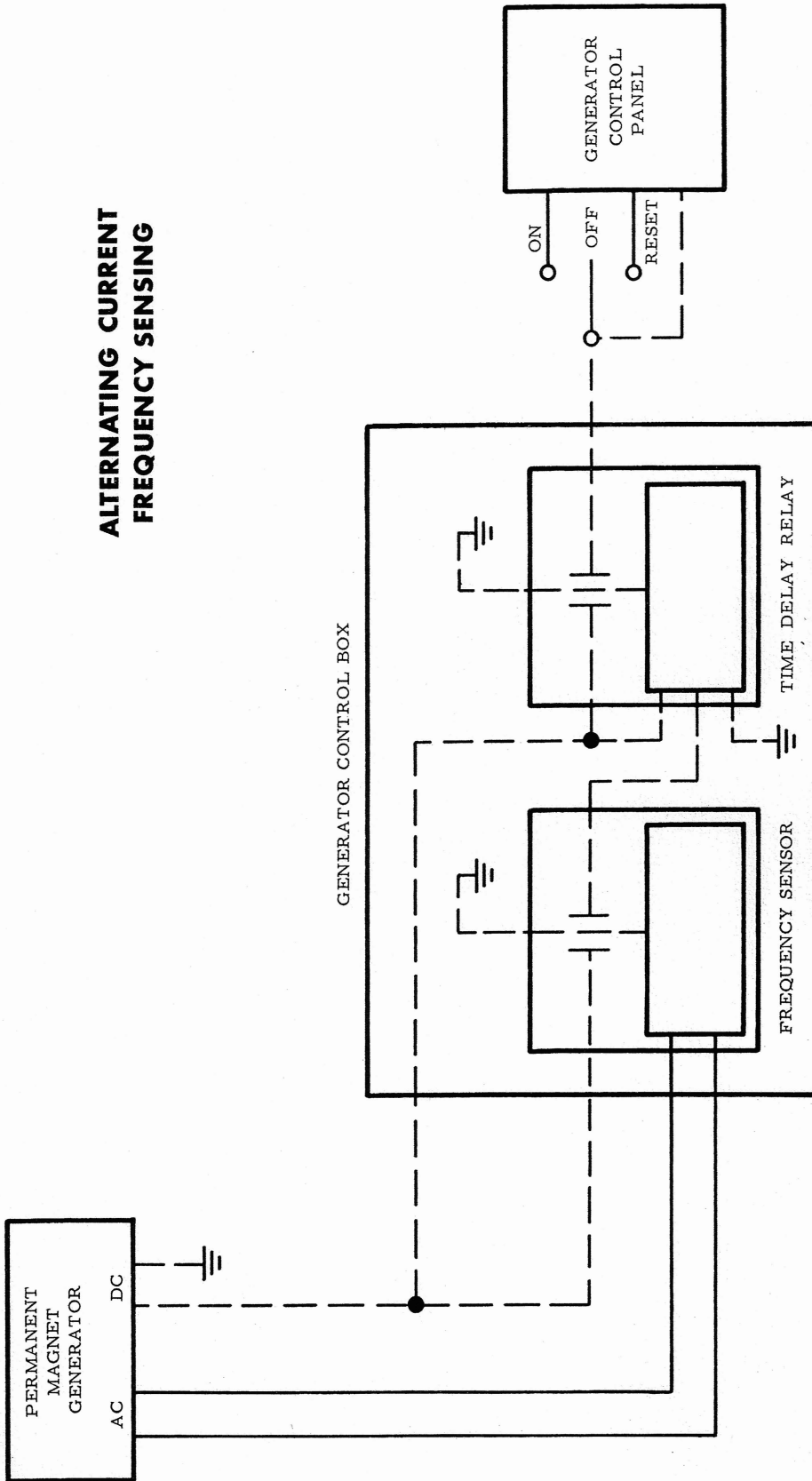
COMPONENT LOCATION BASIC AC AND DC



APU GENERATOR CONTROL BOX

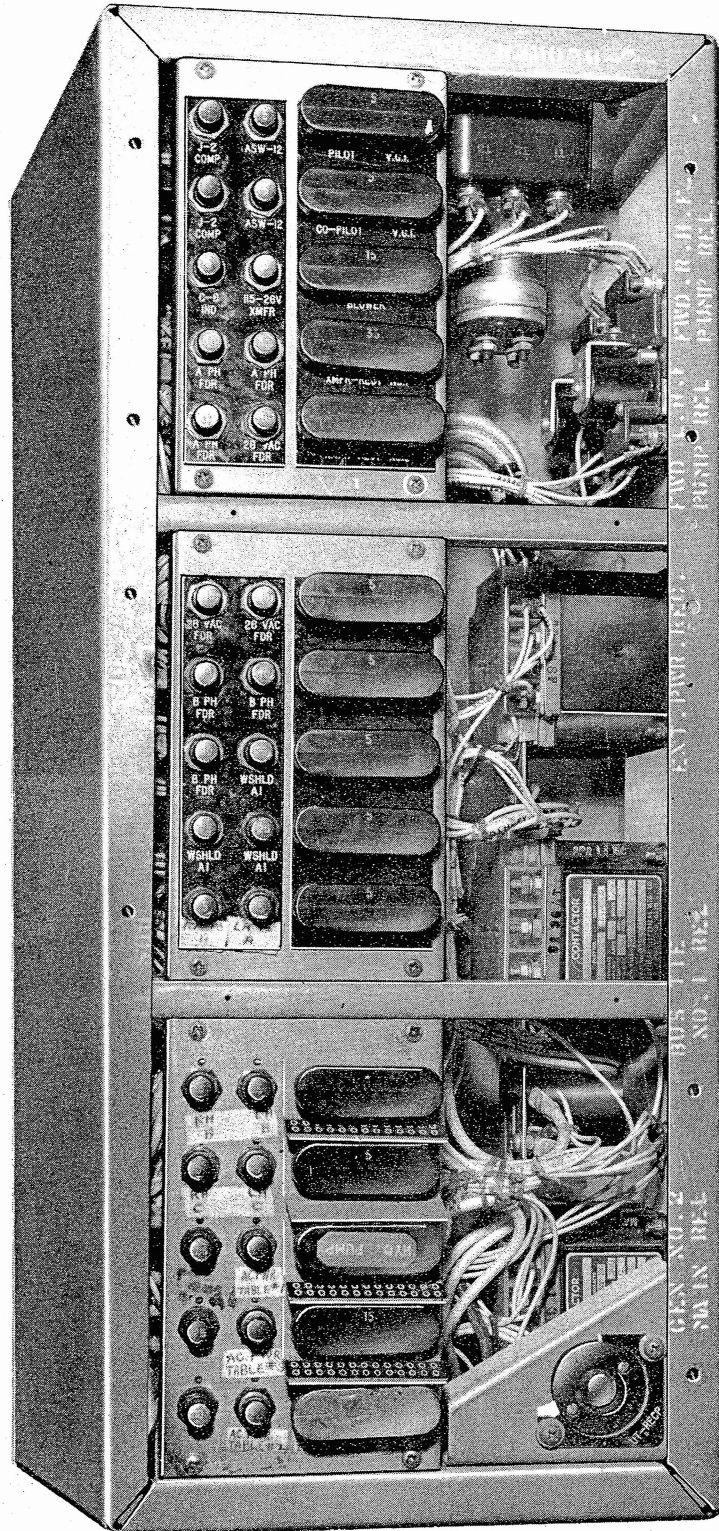


ALTERNATING CURRENT FREQUENCY SENSING



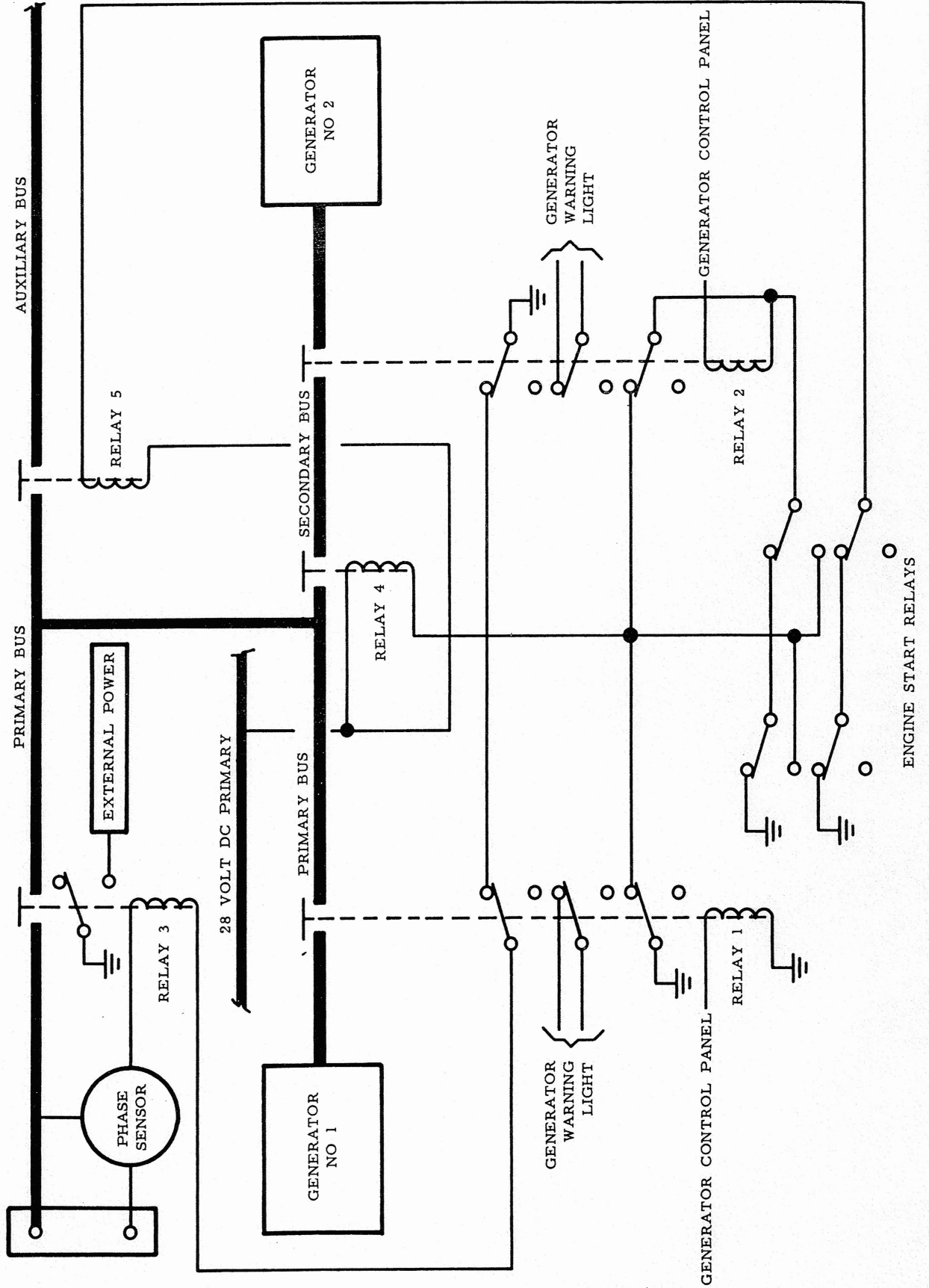
FREQUENCY SENSOR CONTACTS CLOSE 236.5 ± 3.5 CPS (GENERATOR FREQUENCY 350 ± 5 CPS) TIME DELAY RELAY CONTACTS REMAIN OPEN 13 SECONDS $\pm 10\%$ AFTER LOSS OF DC VOLTAGE FROM FREQUENCY SENSOR

AC CIRCUIT BREAKER BOX

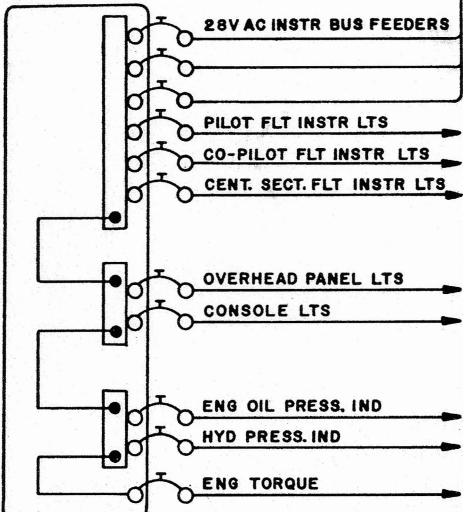


HC-1B TRAINING CHART

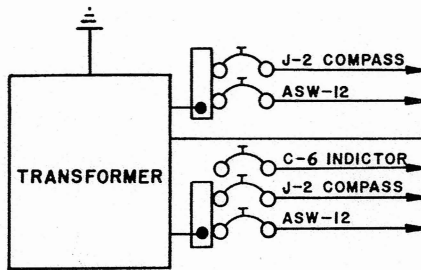
ALTERNATING CURRENT



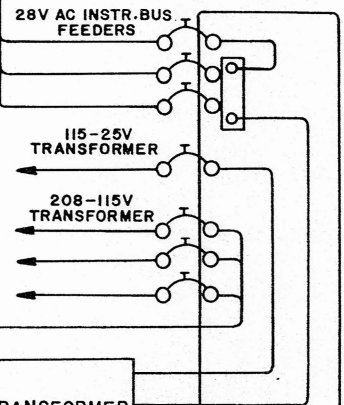
28V AC INSTR BUS OVERHEAD PANEL



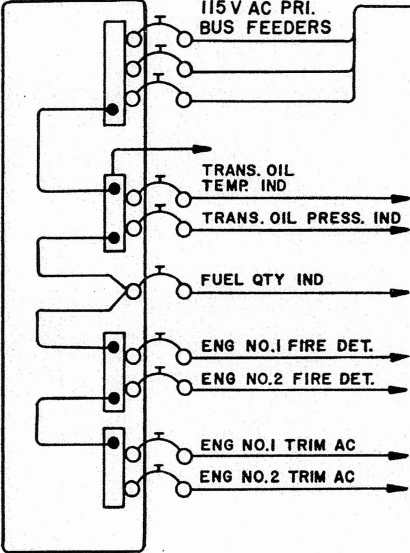
AC DISTRIBUTION



AC PRIMARY BUS CKT BKR BOX

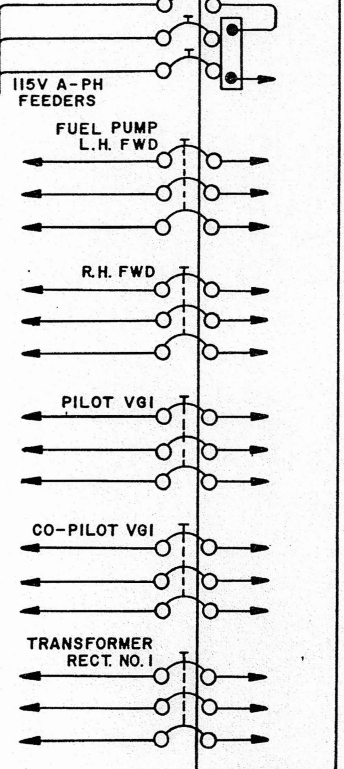
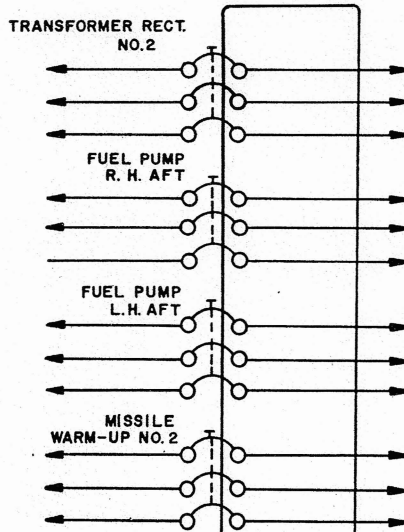


115V PRIMARY BUS OVERHEAD PANEL

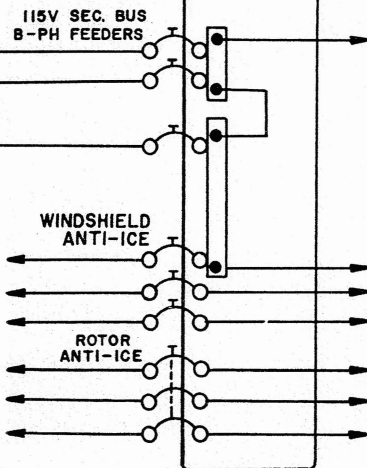
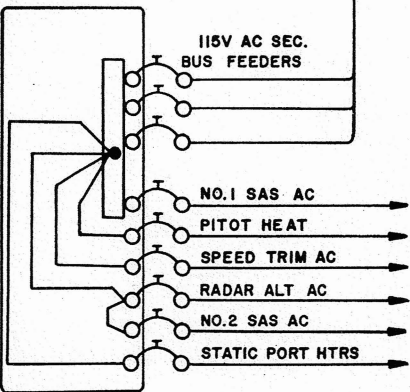


HC-1B TRAINING CHART

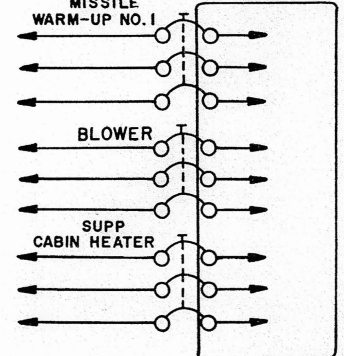
AC SECONDARY BUS CKT BKR BOX



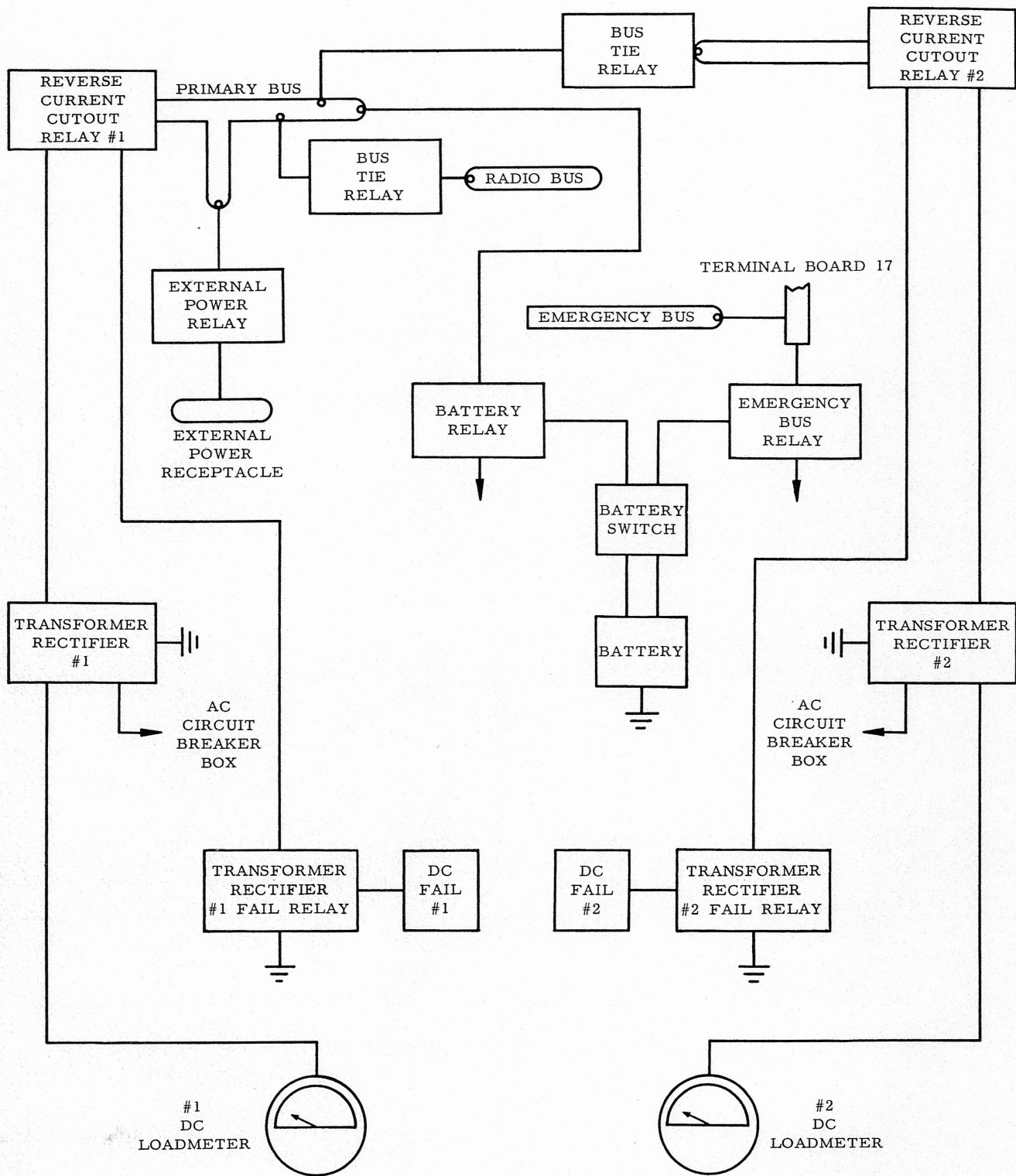
115V SECONDARY BUS OVERHEAD PANEL



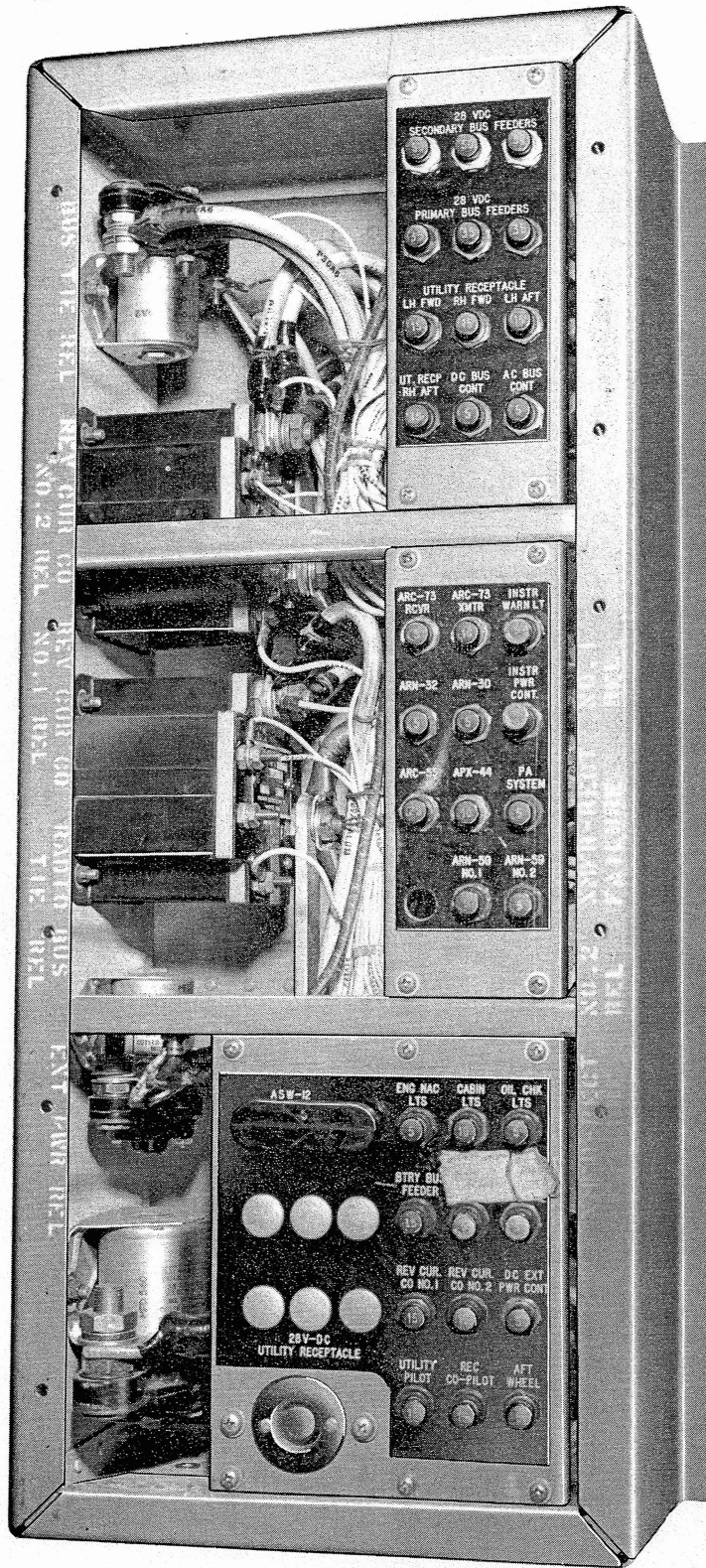
AC AUXILIARY BUS CKT BKR BOX



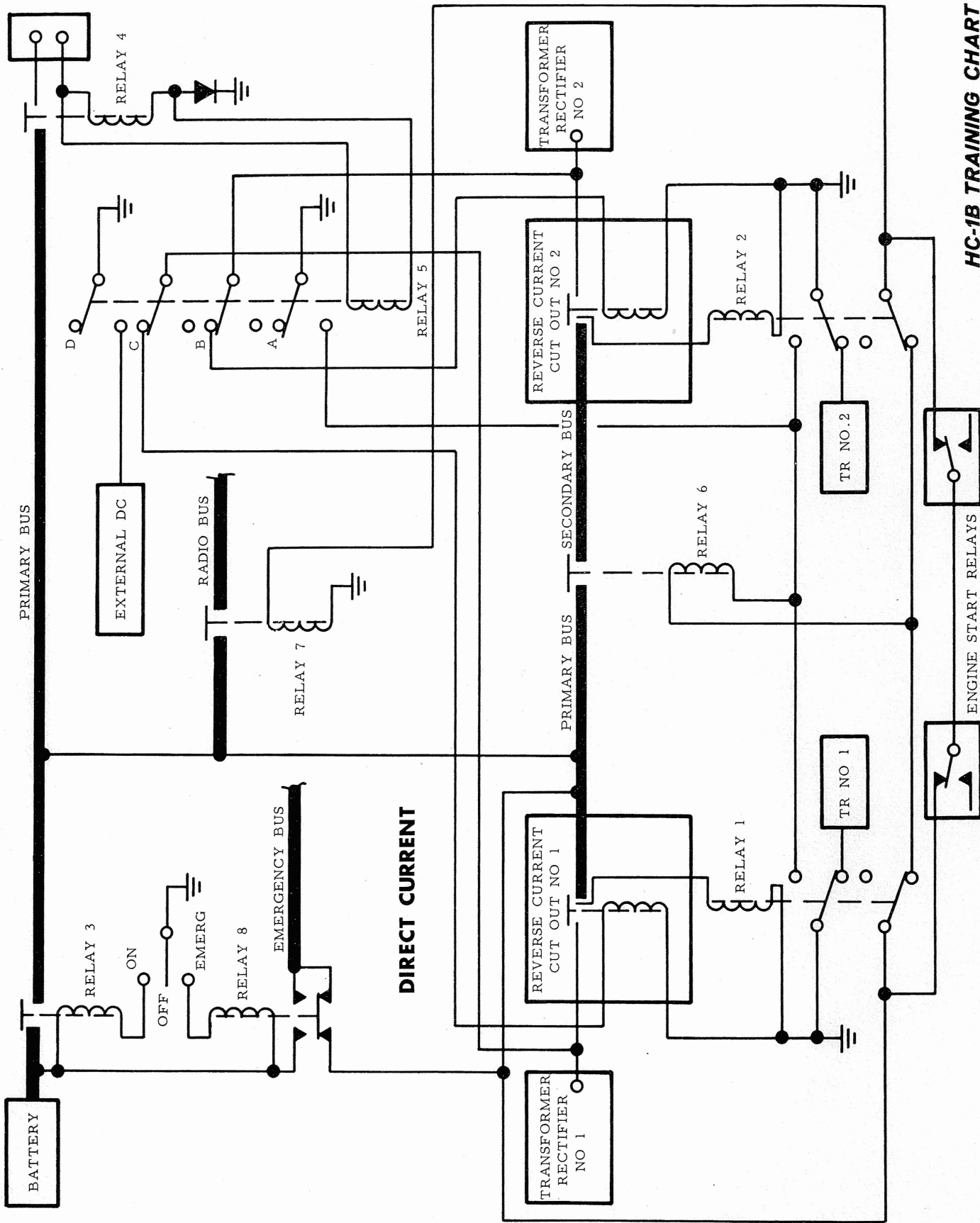
DC POWER SUPPLY



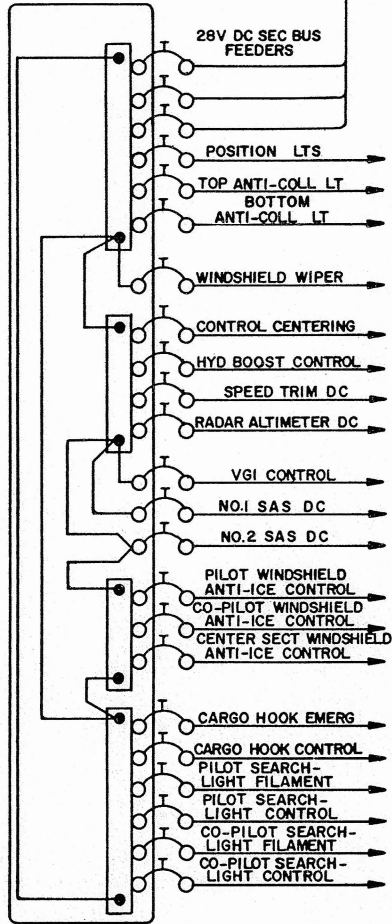
DC CIRCUIT BREAKER BOX



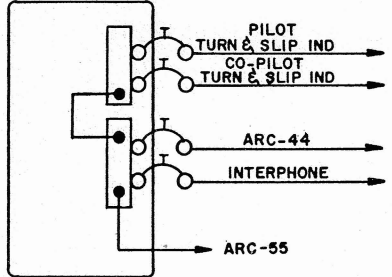
HC-1B TRAINING CHART



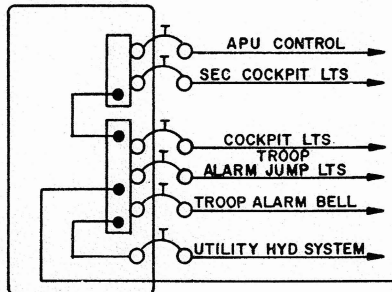
28V DC SECONDARY BUS OVERHEAD PANEL



EMERGENCY BUS OVERHEAD PANEL

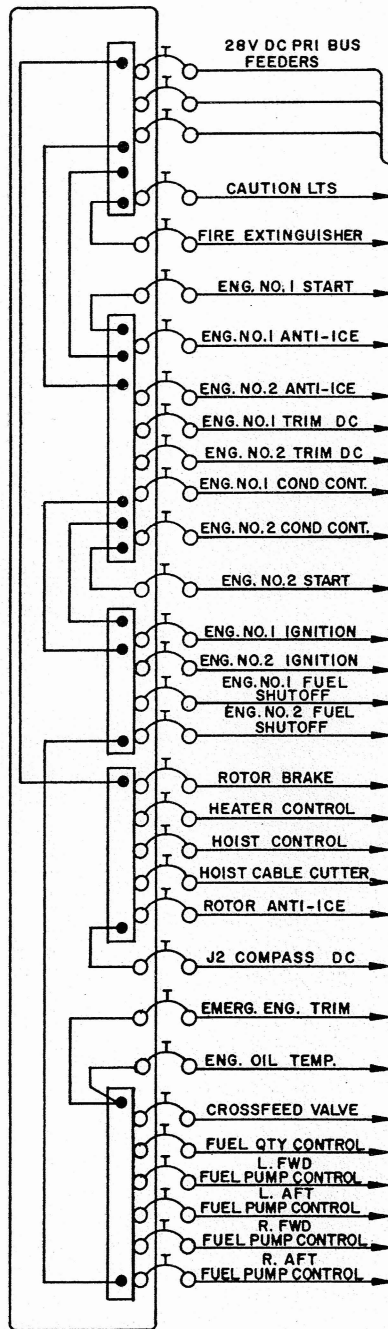


BATTERY BUS OVERHEAD PANEL

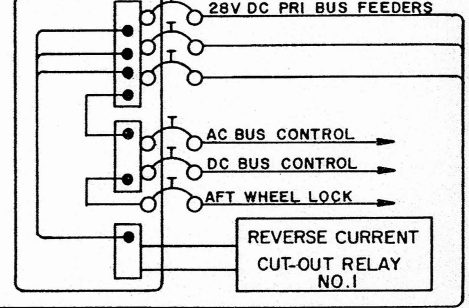


DC DISTRIBUTION

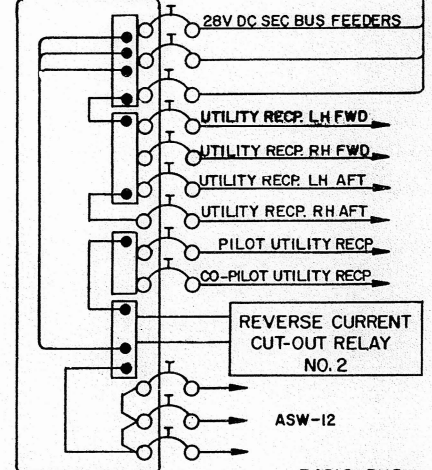
28V DC PRIMARY BUS OVERHEAD PANEL



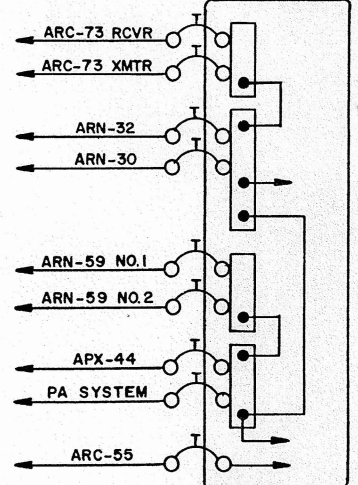
28V DC PRIMARY BUS CKT BKR BOX



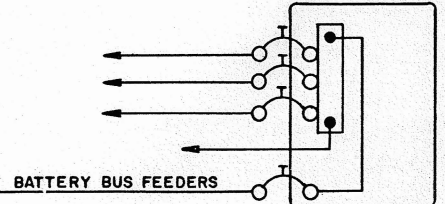
28V DC SECONDARY BUS CKT BKR BOX



RADIO BUS DC CKT BKR BOX



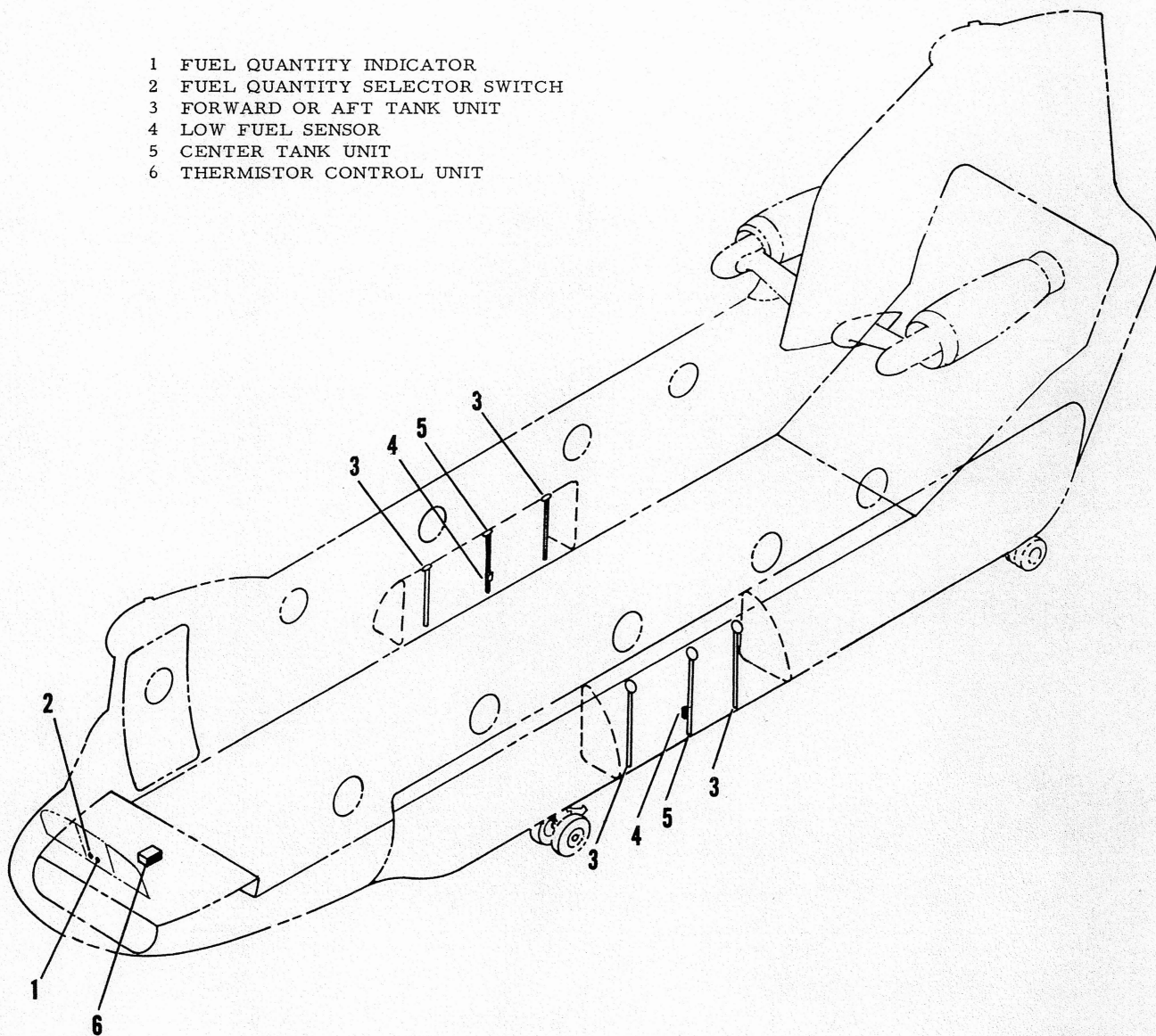
BATTERY BUS DC CKT BKR BOX



HC-1B TRAINING CHART

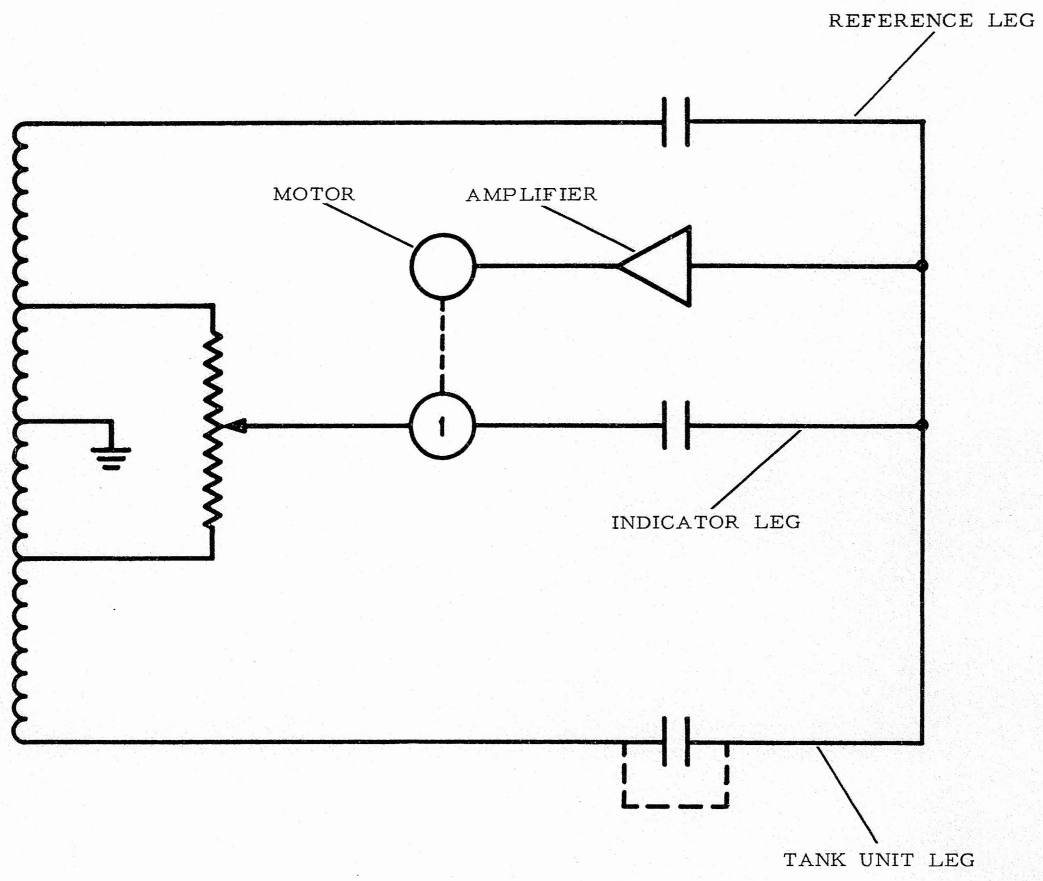
FUEL QUANTITY INDICATING SYSTEM

- 1 FUEL QUANTITY INDICATOR
- 2 FUEL QUANTITY SELECTOR SWITCH
- 3 FORWARD OR AFT TANK UNIT
- 4 LOW FUEL SENSOR
- 5 CENTER TANK UNIT
- 6 THERMISTOR CONTROL UNIT

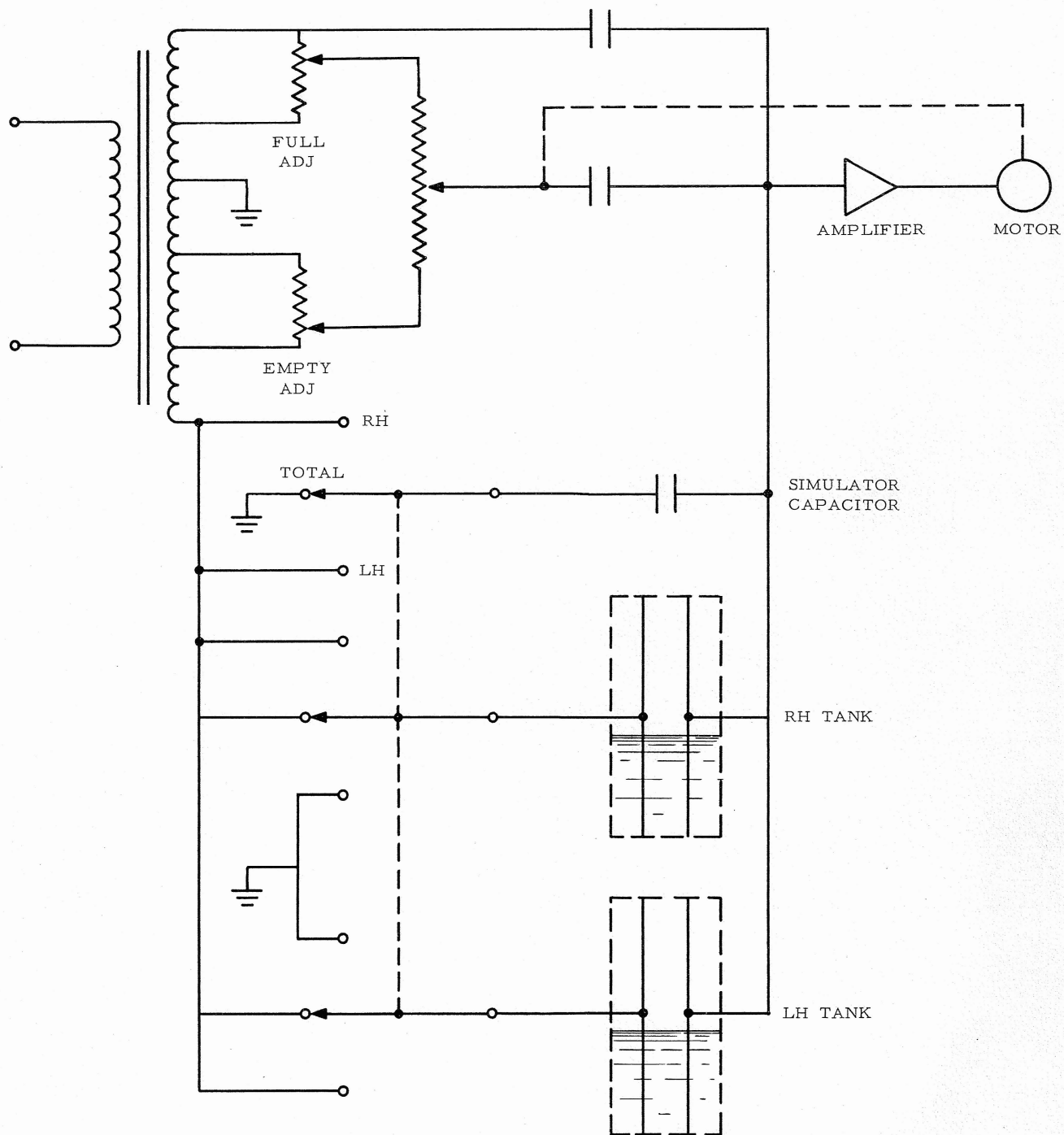


HC-1B TRAINING CHART

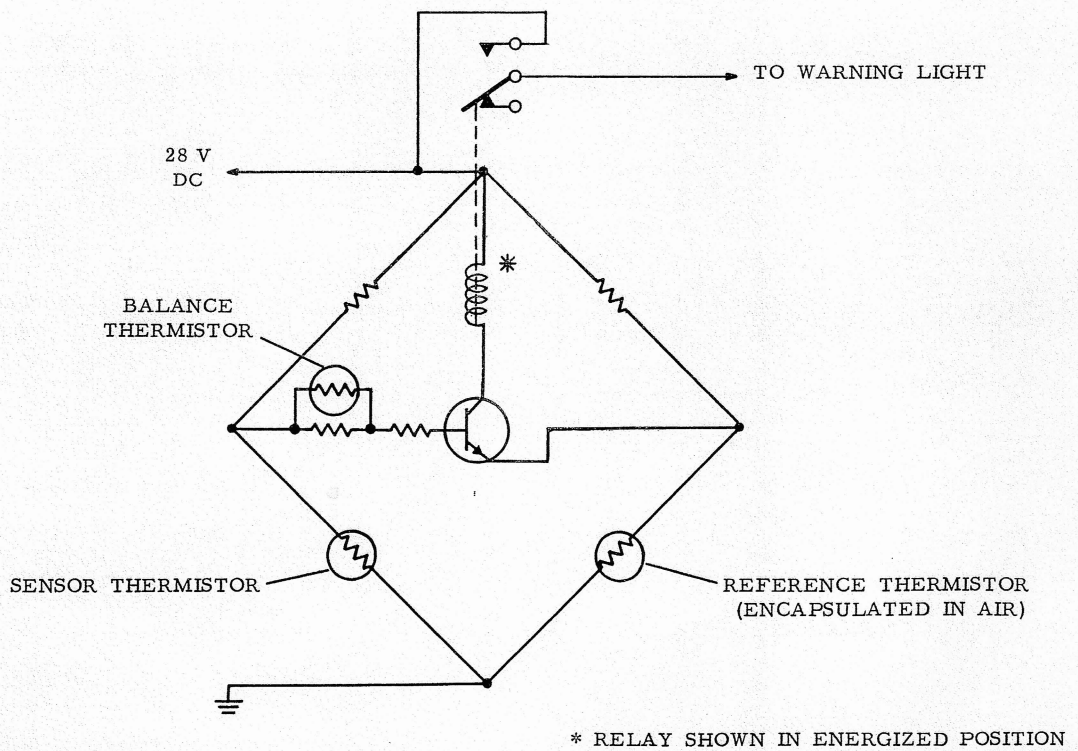
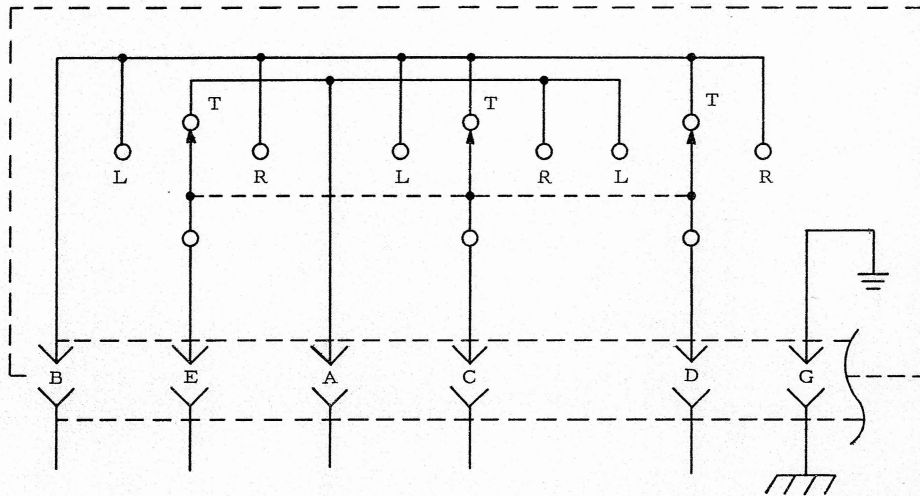
FUEL QUANTITY SYSTEM BASIC BRIDGE



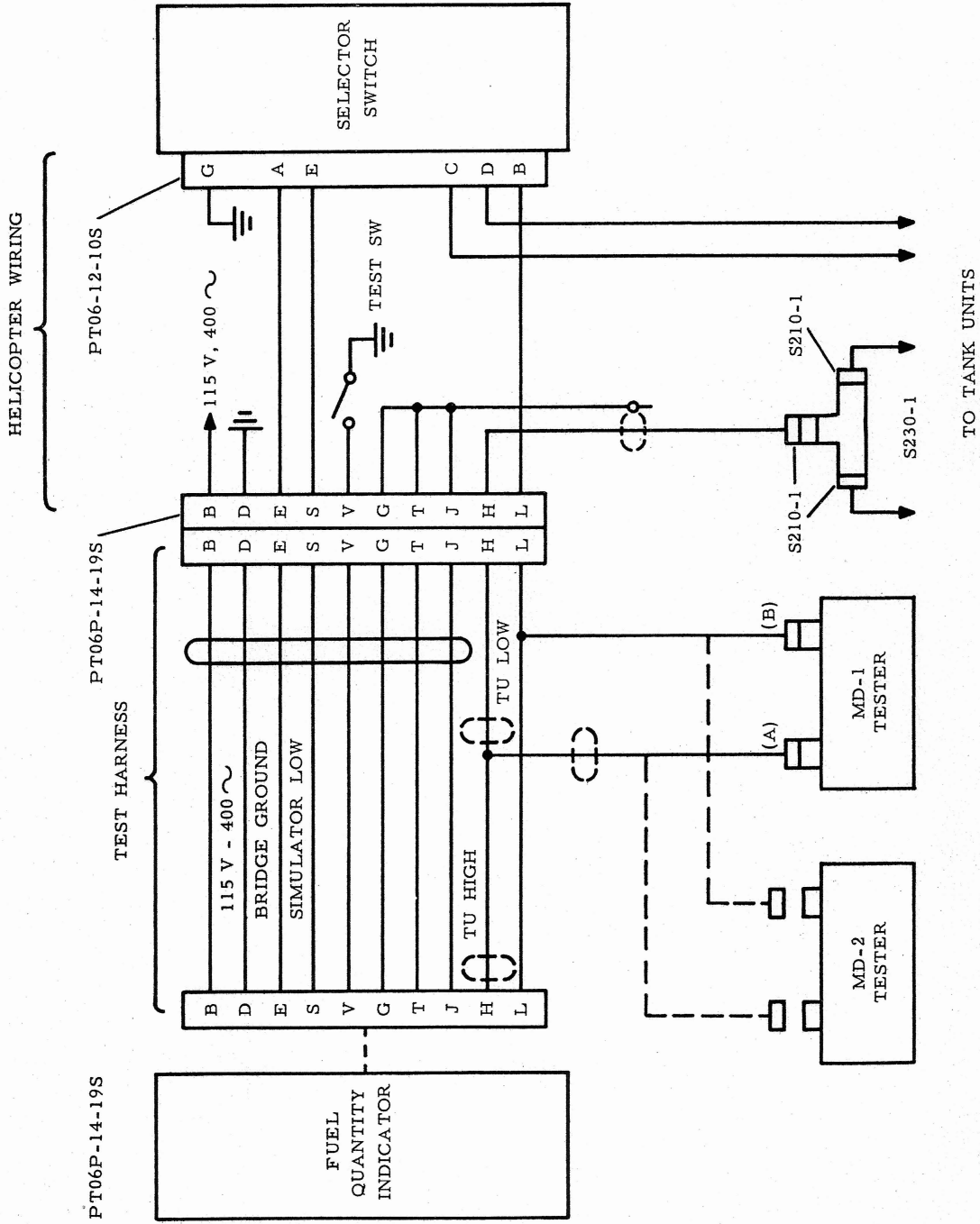
COMBINED BRIDGE SCHEMATIC FUEL QUANTITY

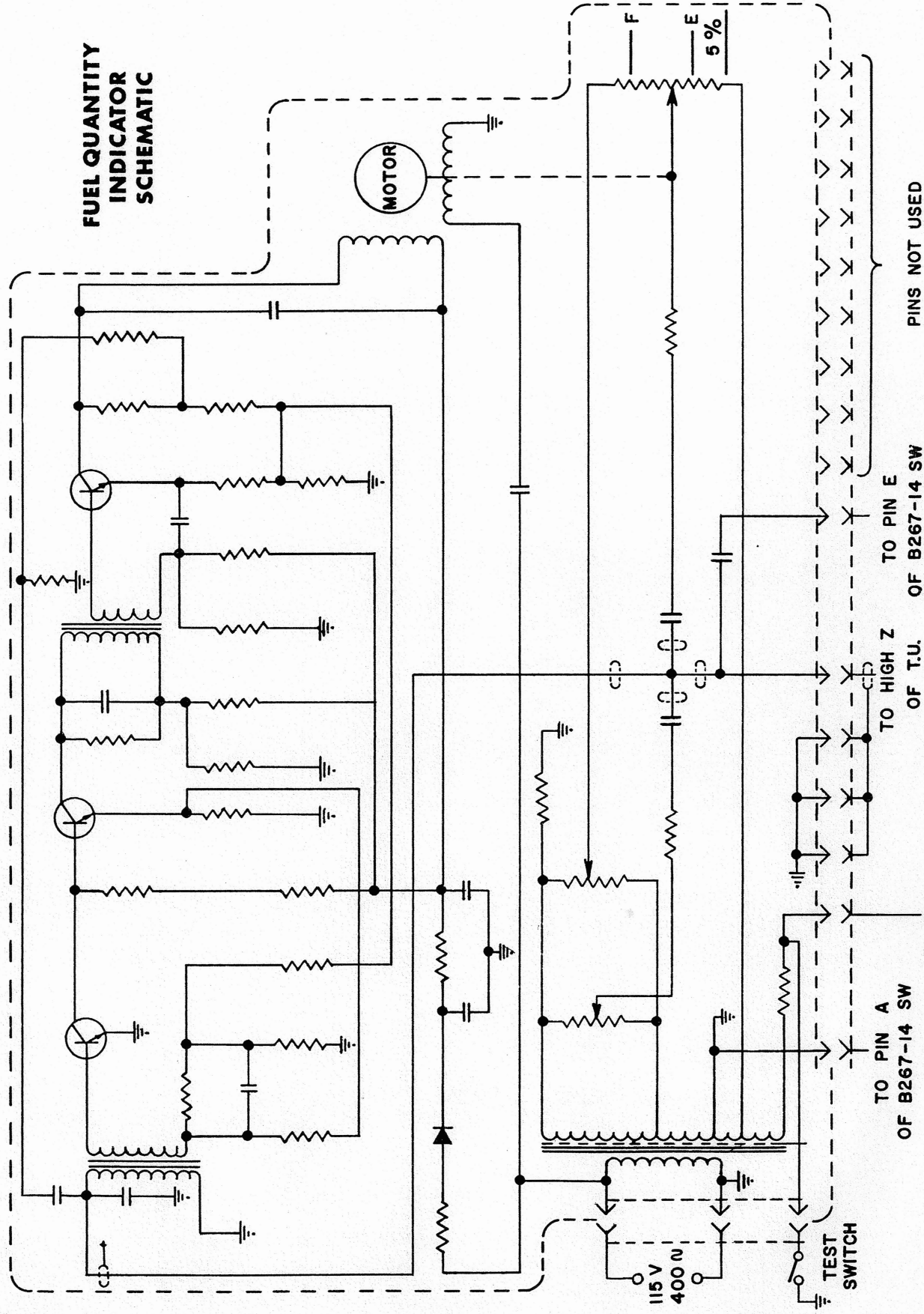


SELECTOR SWITCH AND LOW FUEL LEVEL SCHEMATICS FUEL QUANTITY SYSTEM

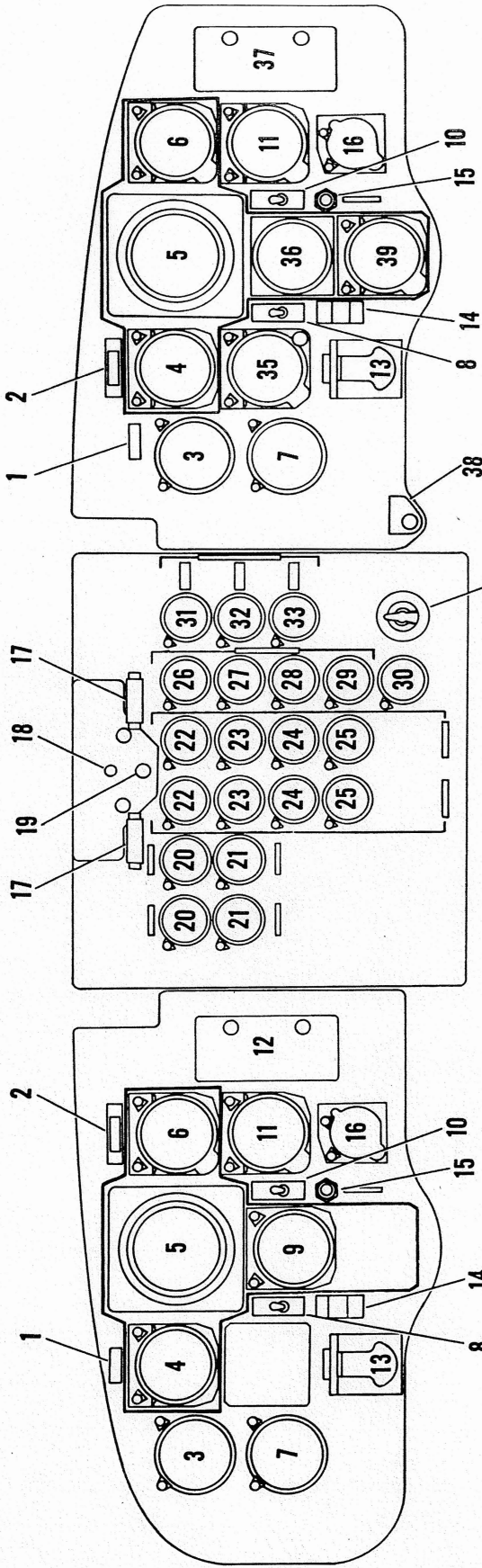


FUEL QUANTITY INSTALLATION TEST CIRCUIT

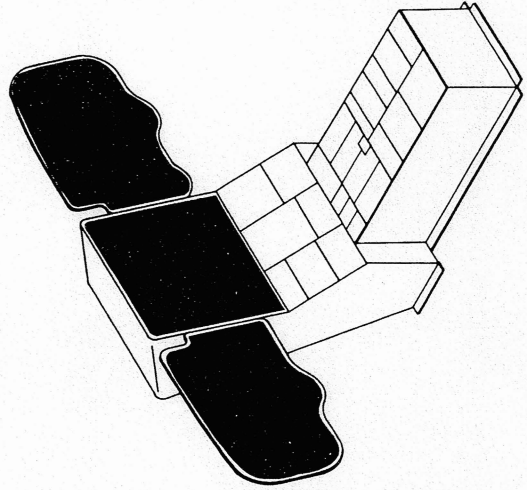




INSTRUMENT PANEL

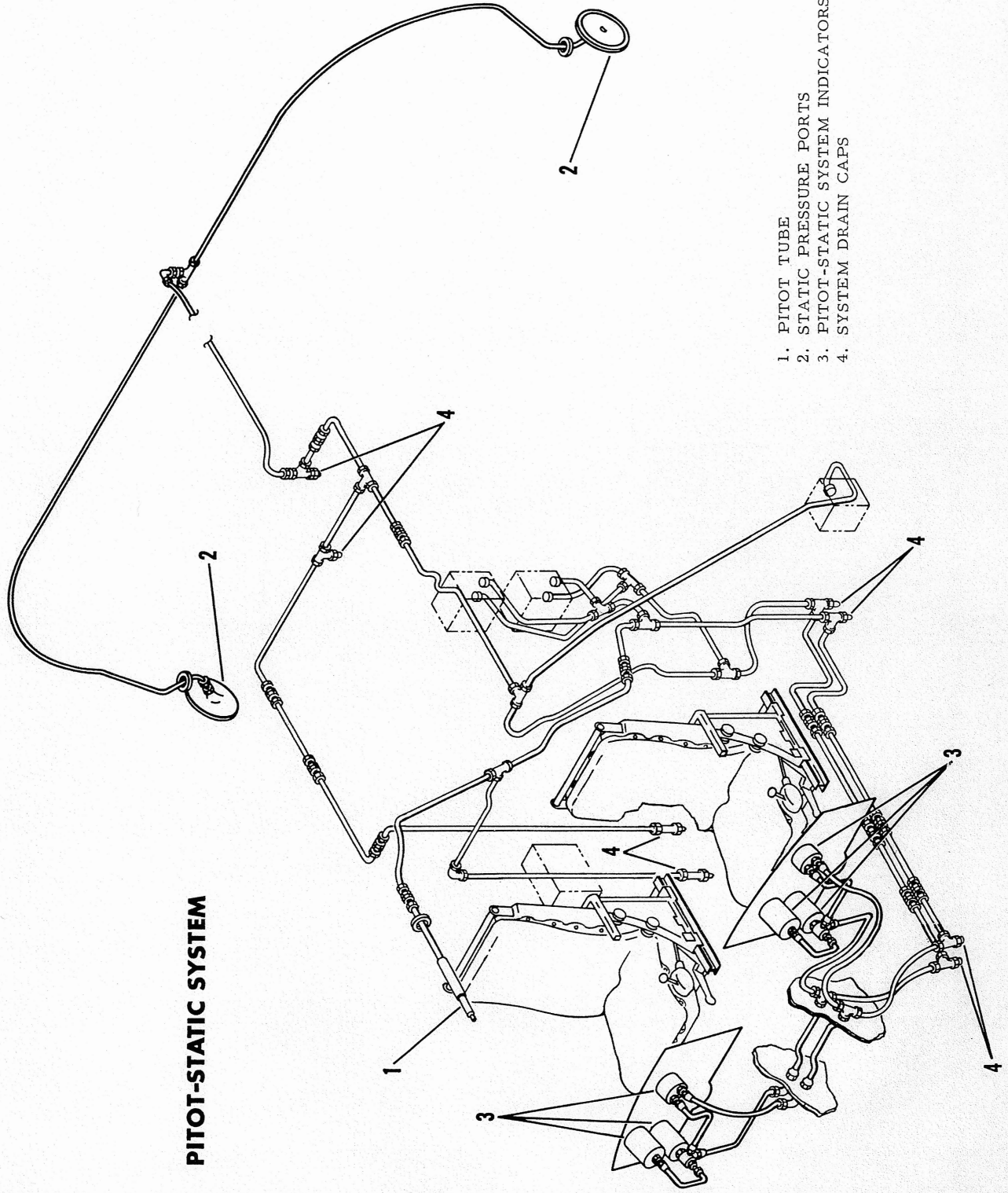


- 24 ENGINE OIL TEMPERATURE INDICATOR (2)
- 25 ENGINE OIL PRESSURE INDICATOR (2)
- 26 TRANSMISSION OIL PRESSURE INDICATOR
- 27 TRANSMISSION OIL PRESSURE SELECTOR SWITCH
- 28 TRANSMISSION OIL TEMPERATURE INDICATOR
- 29 TRANSMISSION OIL TEMPERATURE SELECTOR SWITCH
- 30 FUEL QUANTITY INDICATOR
- 31 HYDRAULIC BOOST PRESSURE INDICATOR (#1)
- 32 HYDRAULIC BOOST PRESSURE INDICATOR (#2)
- 33 UTILITY HYDRAULIC BOOST PRESSURE INDICATOR
- 34 FUEL QUANTITY SELECTOR SWITCH
- 35 RADAR ALTIMETER
- 36 RADIO MAGNETIC INDICATOR (C-6H)
- 37 PILOT'S CHECKLIST
- 38 PARKING BRAKE KNOB
- 39 COURSE INDICATOR (VOR/LOC/ADF)

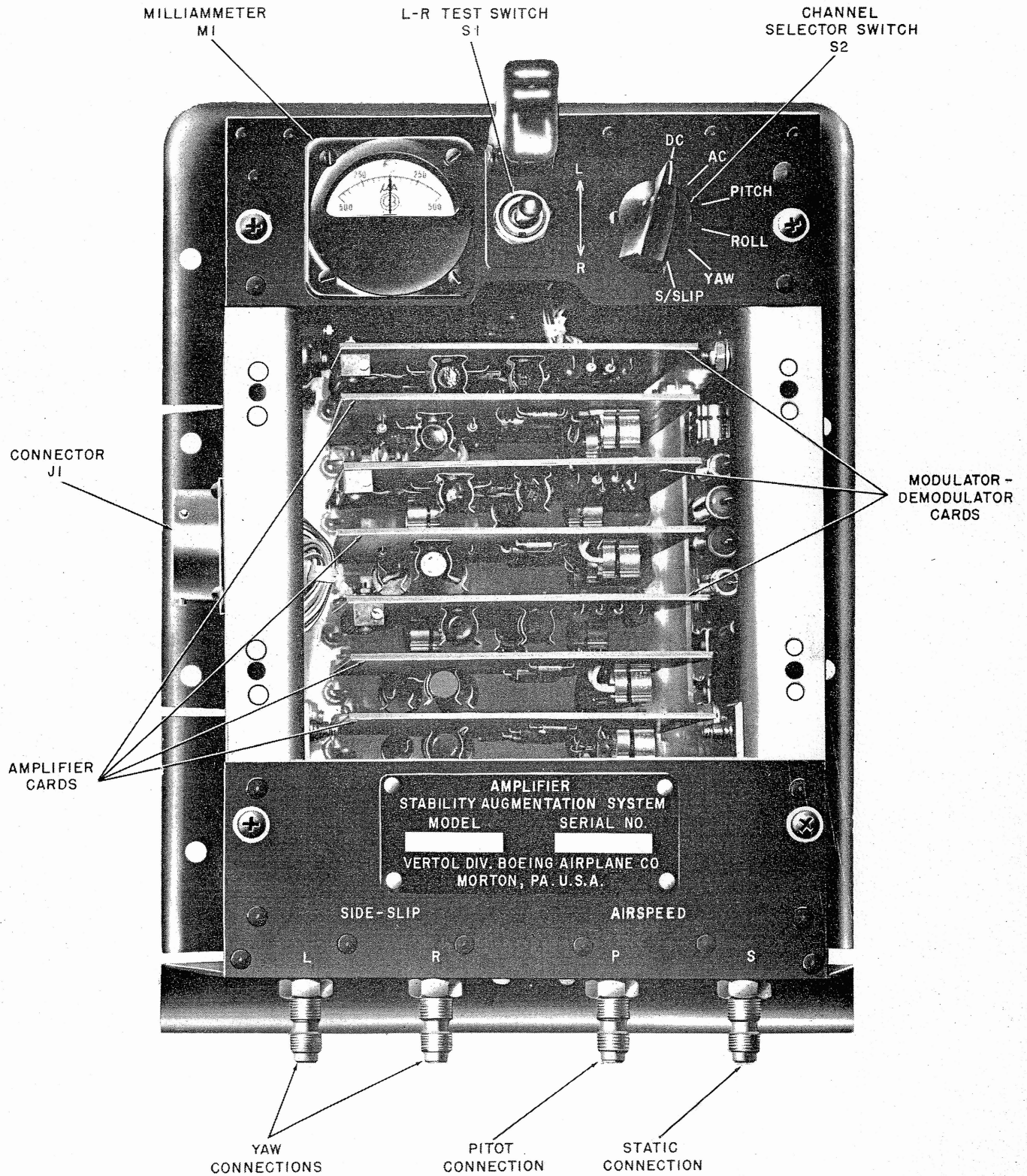


- 1 RADIO CALL PLATE (2)
- 2 MASTER CAUTION LIGHT (2)
- 3 TORQUEMETER (DUAL) (2)
- 4 AIRSPEED INDICATOR (2)
- 5 ATTITUDE INDICATOR (VGI) (2)
- 6 ALTIMETER (2)
- 7 ROTARY-WING TACHOMETER (2)
- 8 ATTITUDE INDICATOR (VGI) SWITCH (2)
- 9 RADIO MAGNETIC INDICATOR
- 10 COMPASS (DIRECTIONAL INDICATOR) SLAVING SWITCH (2)
- 11 VERTICAL VELOCITY INDICATOR (2)
- 12 COPILOT'S CHECKLIST
- 13 TURN-AND-SLIP INDICATOR (2)
- 14 RADIO MAGNETIC INDICATOR PLATE (2)
- 15 MARKER BEACON CAUTION LIGHT
- 16 CLOCK (2)
- 17 FIRE CONTROL HANDLE (2)
- 18 FIRE EXTINGUISHER AGENT SWITCH
- 19 FIRE DETECTOR TEST SWITCH
- 20 A-C LOADMETER (2)
- 21 D-C LOADMETER (2)
- 22 GAS PRODUCER TACHOMETER (2)
- 23 EXHAUST TEMPERATURE INDICATOR (2)

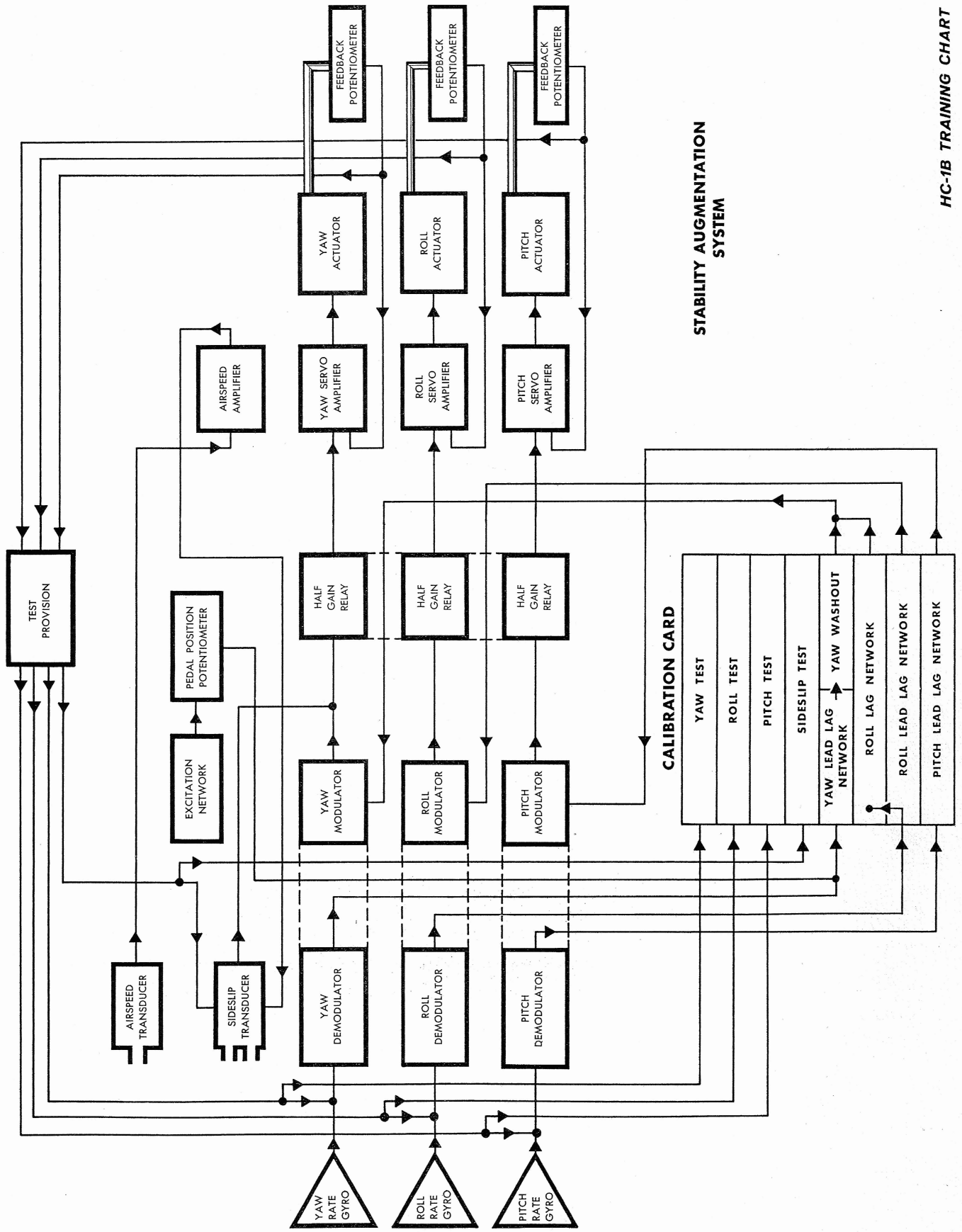
PITOT-STATIC SYSTEM



SAS AMPLIFIER

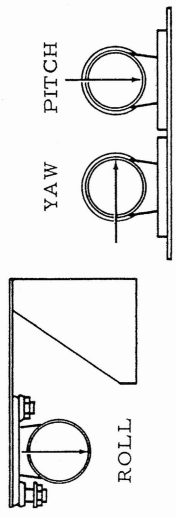


HC-1B TRAINING CHART

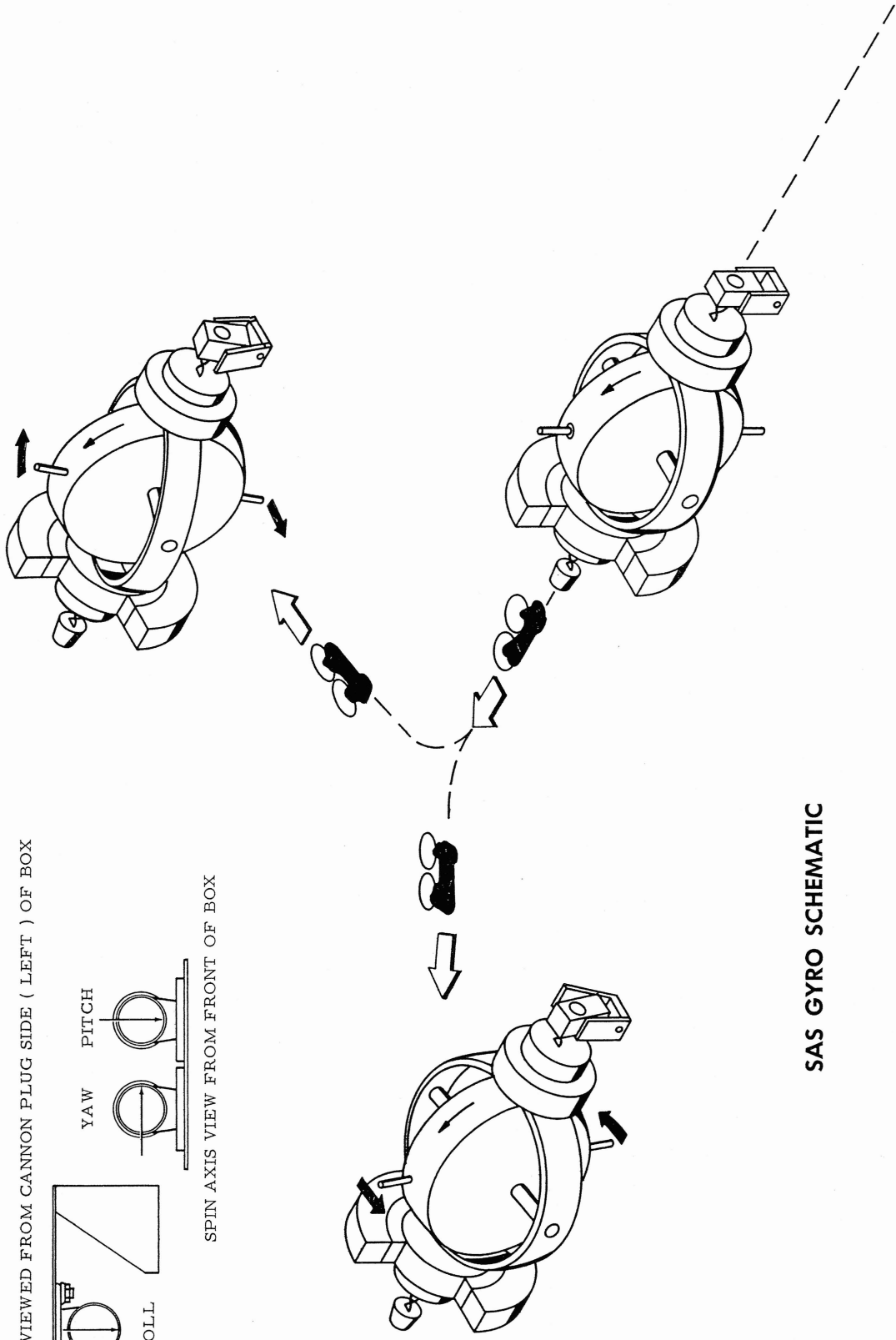


STABILITY AUGMENTATION SYSTEM

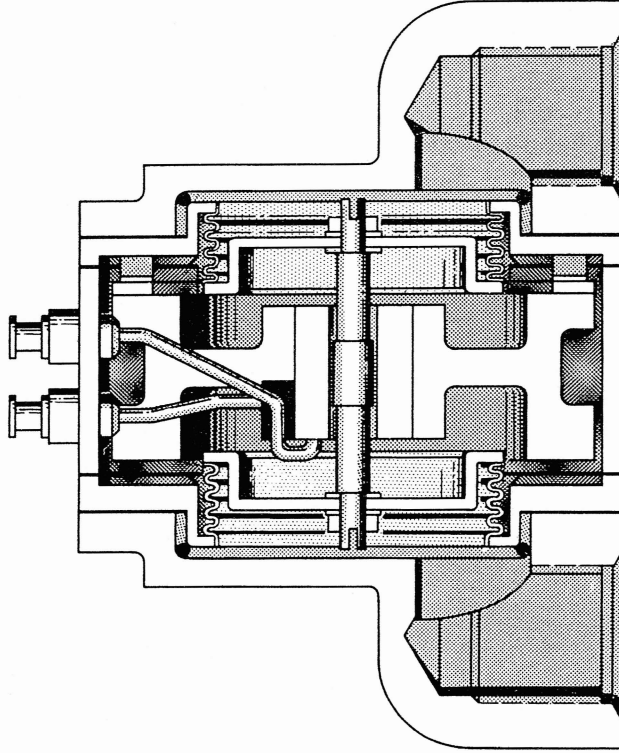
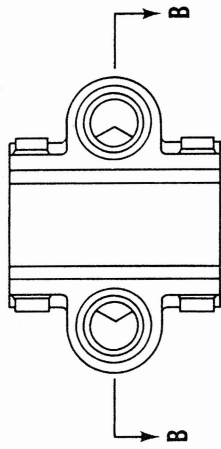
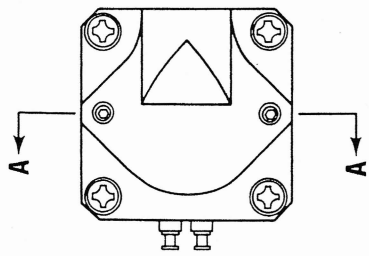
SPIN AXIS VIEWED FROM CANNON PLUG SIDE (LEFT) OF BOX



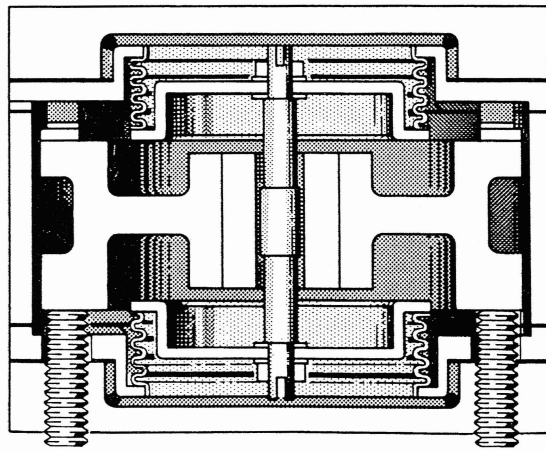
SPIN AXIS VIEW FROM FRONT OF BOX



SAS GYRO SCHEMATIC

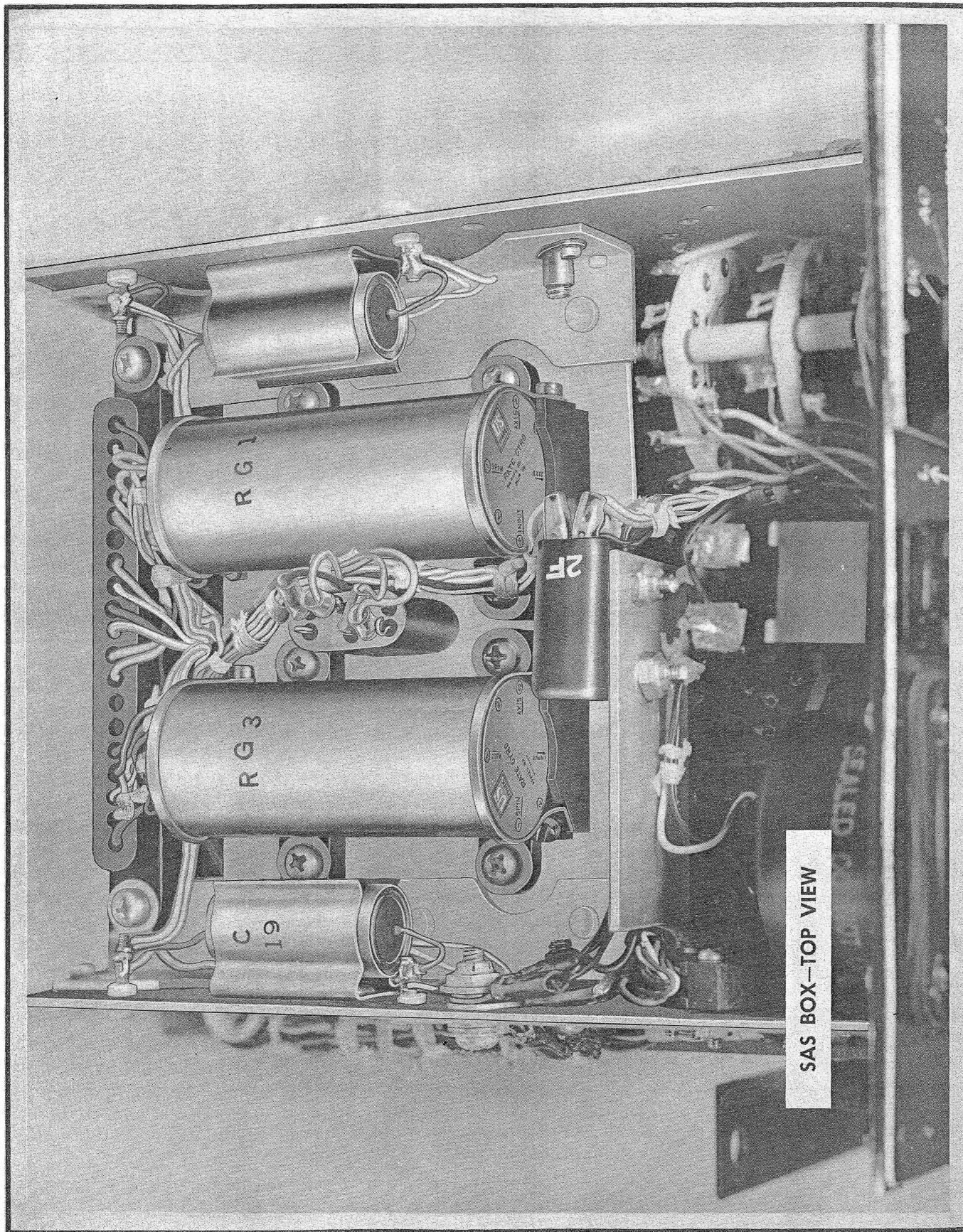


SECT B-B



SECT A-A

SAS TRANSDUCER SCHEMATIC



SAS BOX—TOP VIEW