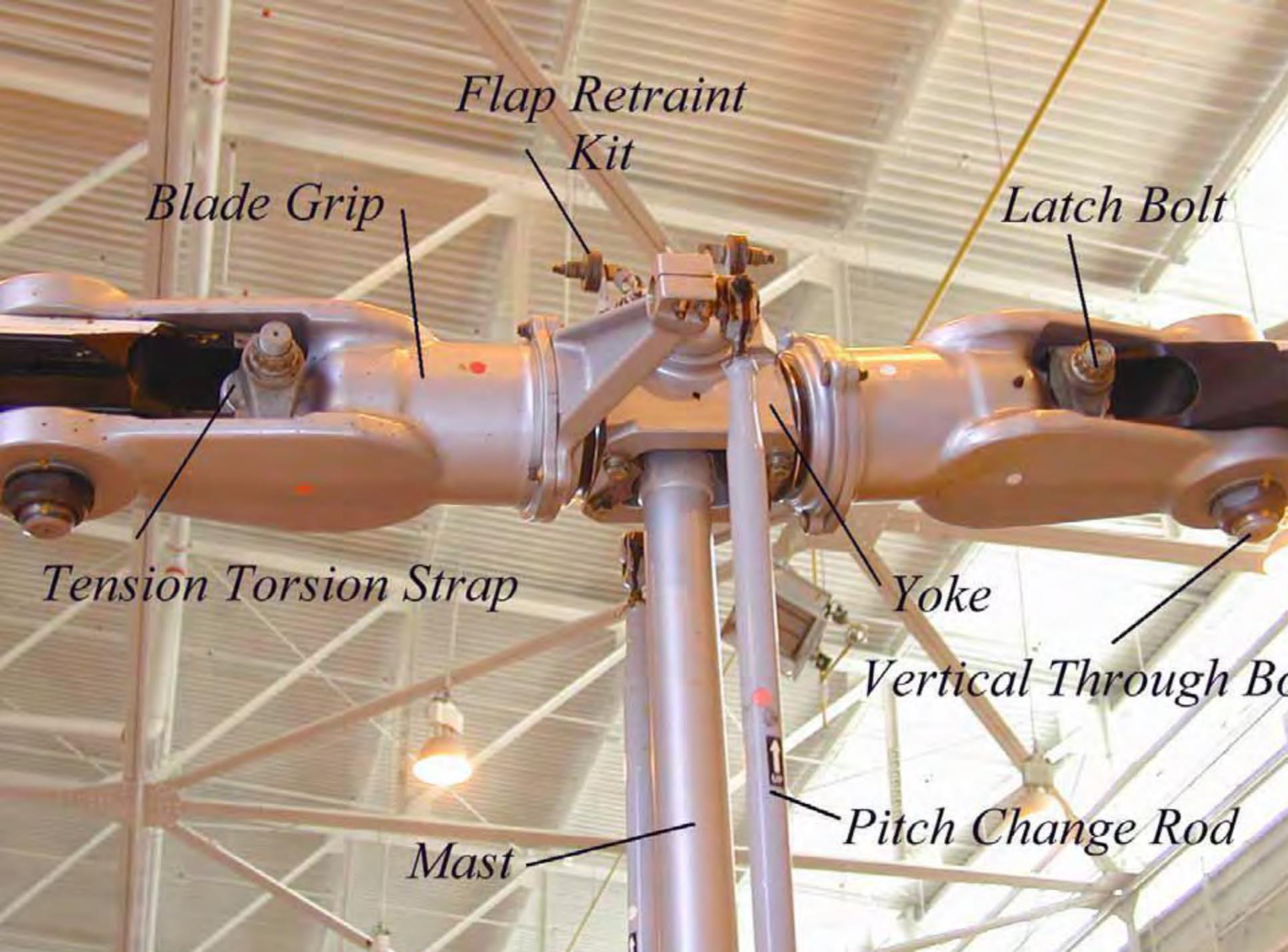


HT-28 TH-57B PREFLIGHT



Photo by LT Udkow, USCG





*Flap Retraint
Kit*

Blade Grip

Latch Bolt

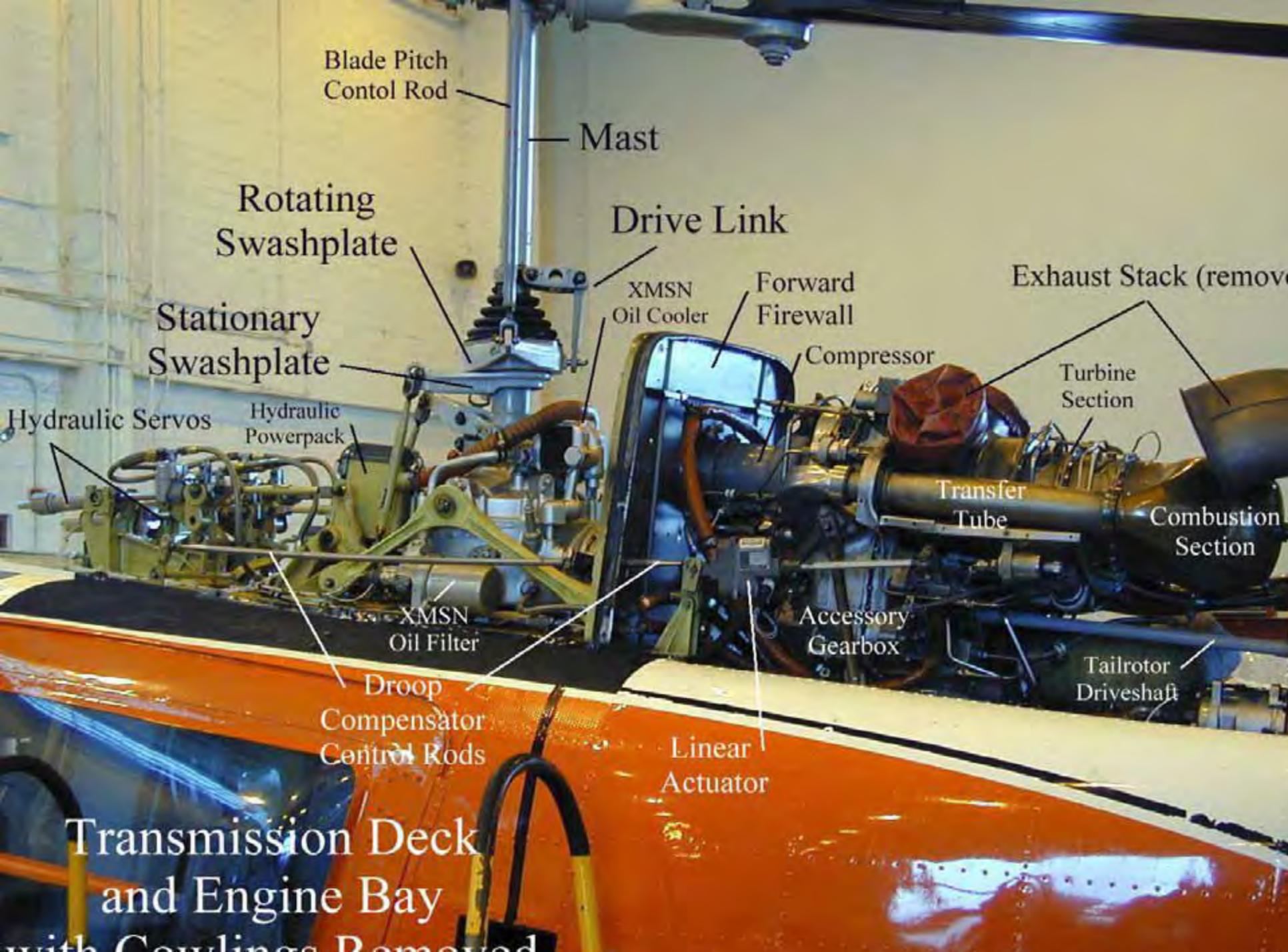
Tension Torsion Strap

Yoke

Vertical Through Bolt

Mast

Pitch Change Rod



Blade Pitch
Contol Rod

Mast

Rotating
Swashplate

Drive Link

Stationary
Swashplate

XMSN
Oil Cooler

Forward
Firewall

Exhaust Stack (removed)

Hydraulic Servos

Hydraulic
Powerpack

Compressor

Turbine
Section

Transfer
Tube

Combustion
Section

XMSN
Oil Filter

Accessory
Gearbox

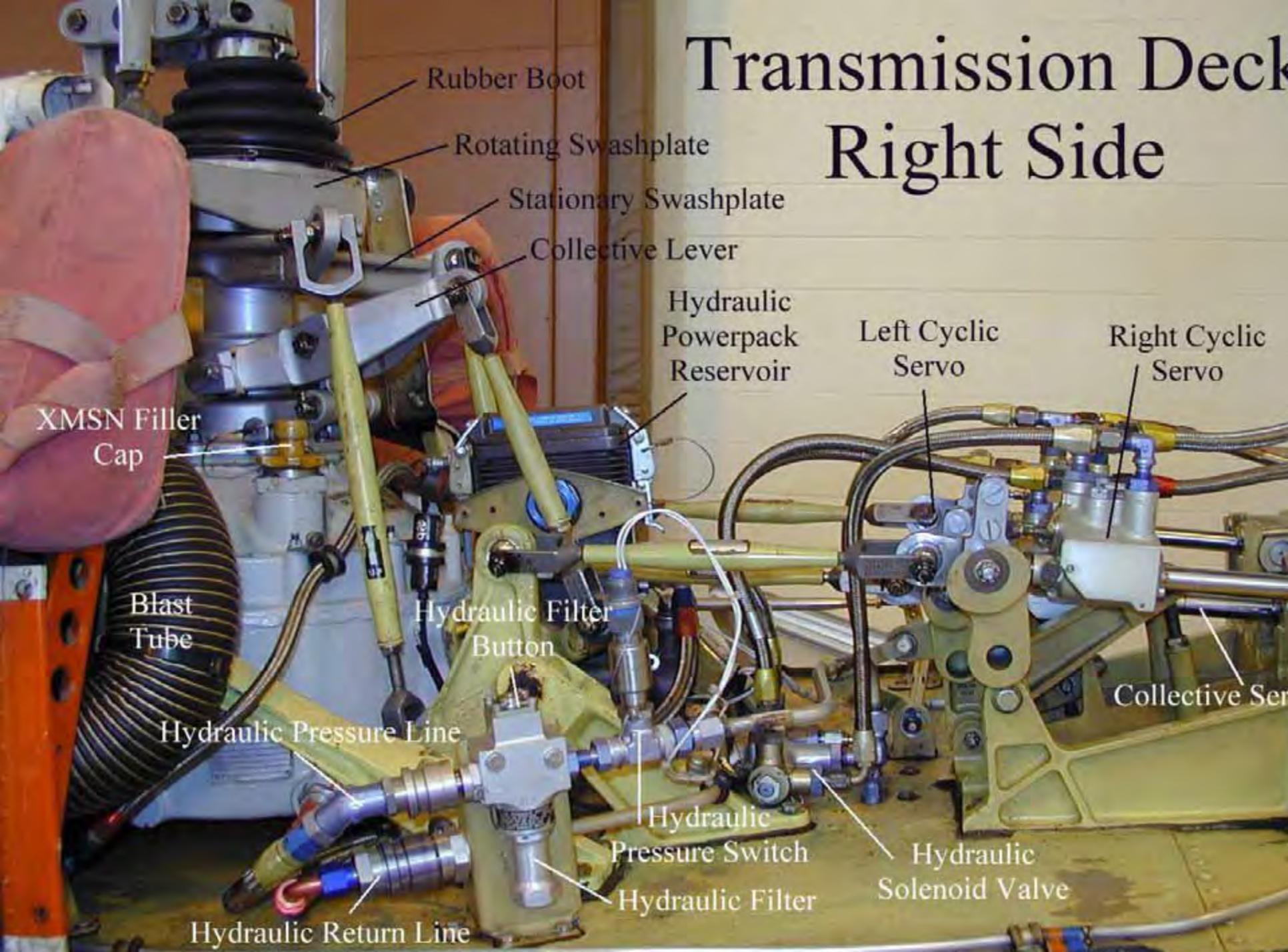
Tailrotor
Driveshaft

Droop
Compensator
Control Rods

Linear
Actuator

Transmission Deck
and Engine Bay
with Cowlings Removed

Transmission Deck Right Side



Rubber Boot

Rotating Swashplate

Stationary Swashplate

Collective Lever

Hydraulic
Powerpack
Reservoir

Left Cyclic
Servo

Right Cyclic
Servo

XMSN Filler
Cap

Blast
Tube

Hydraulic Filter
Button

Hydraulic Pressure Line

Hydraulic
Pressure Switch

Hydraulic Filter

Hydraulic
Solenoid Valve

Hydraulic Return Line

Collective Servo



Drive Link

Rotating Swashplate

Stationary Swashplate

Transmission Oil Cooler

Pressure Regulator

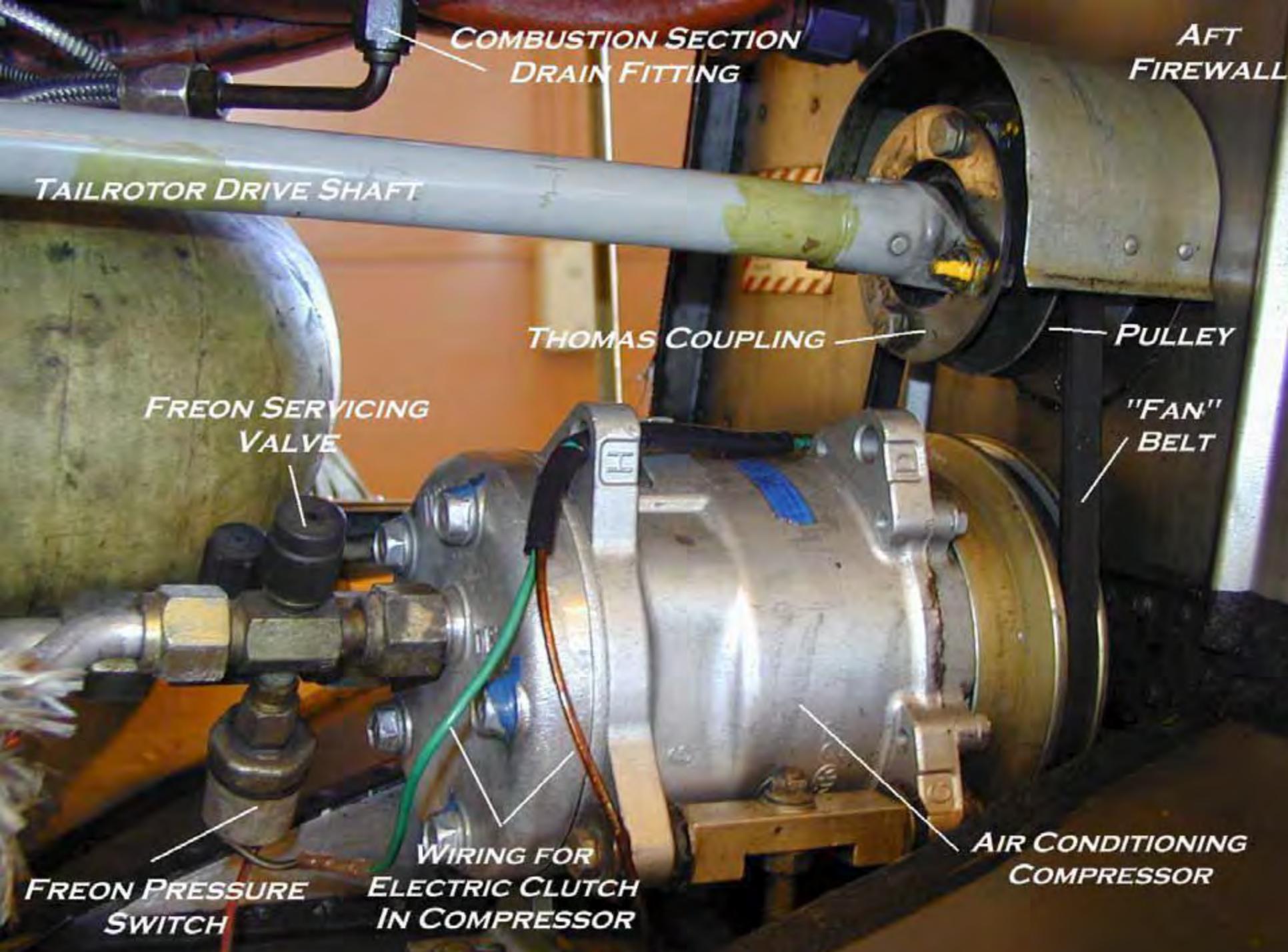
Droop Compensator Rod

Spike and Well

Return Oil Line

T Fitting

Transmission Oil Filter



COMBUSTION SECTION
DRAIN FITTING

AFT
FIREWALL

TAILROTOR DRIVE SHAFT

THOMAS COUPLING

PULLEY

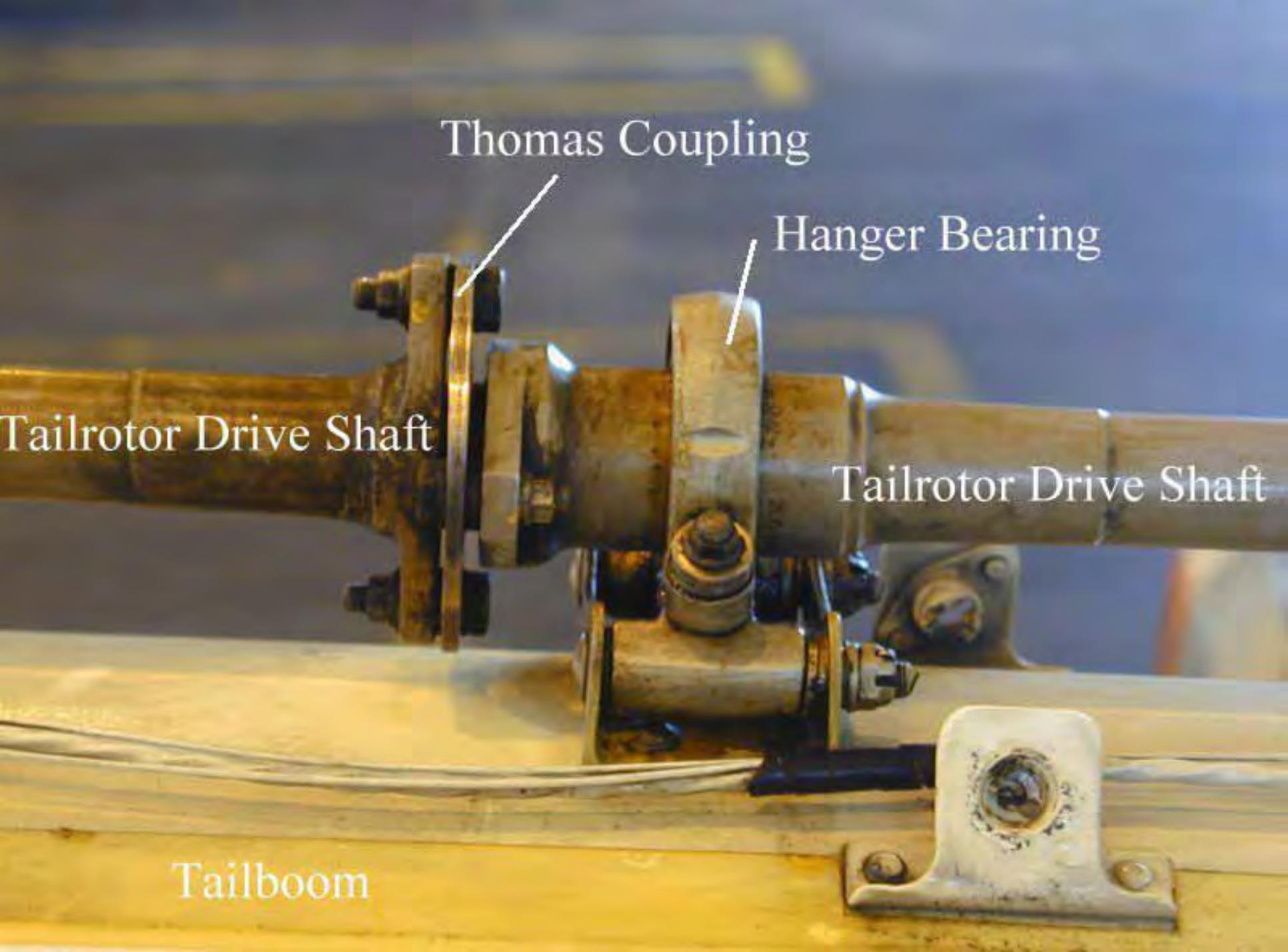
FREON SERVICING
VALVE

"FAN"
BELT

FREON PRESSURE
SWITCH

WIRING FOR
ELECTRIC CLUTCH
IN COMPRESSOR

AIR CONDITIONING
COMPRESSOR



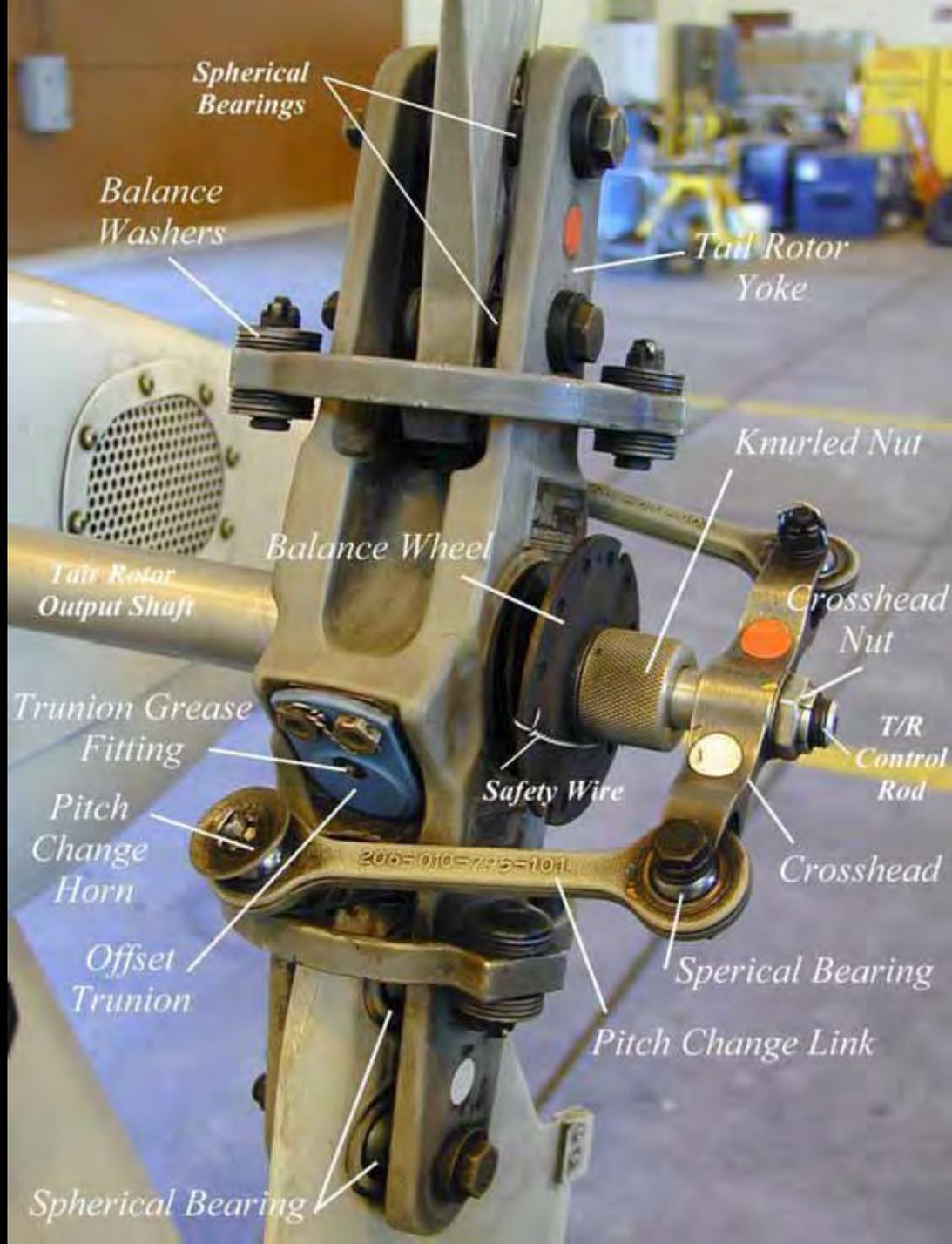
Thomas Coupling

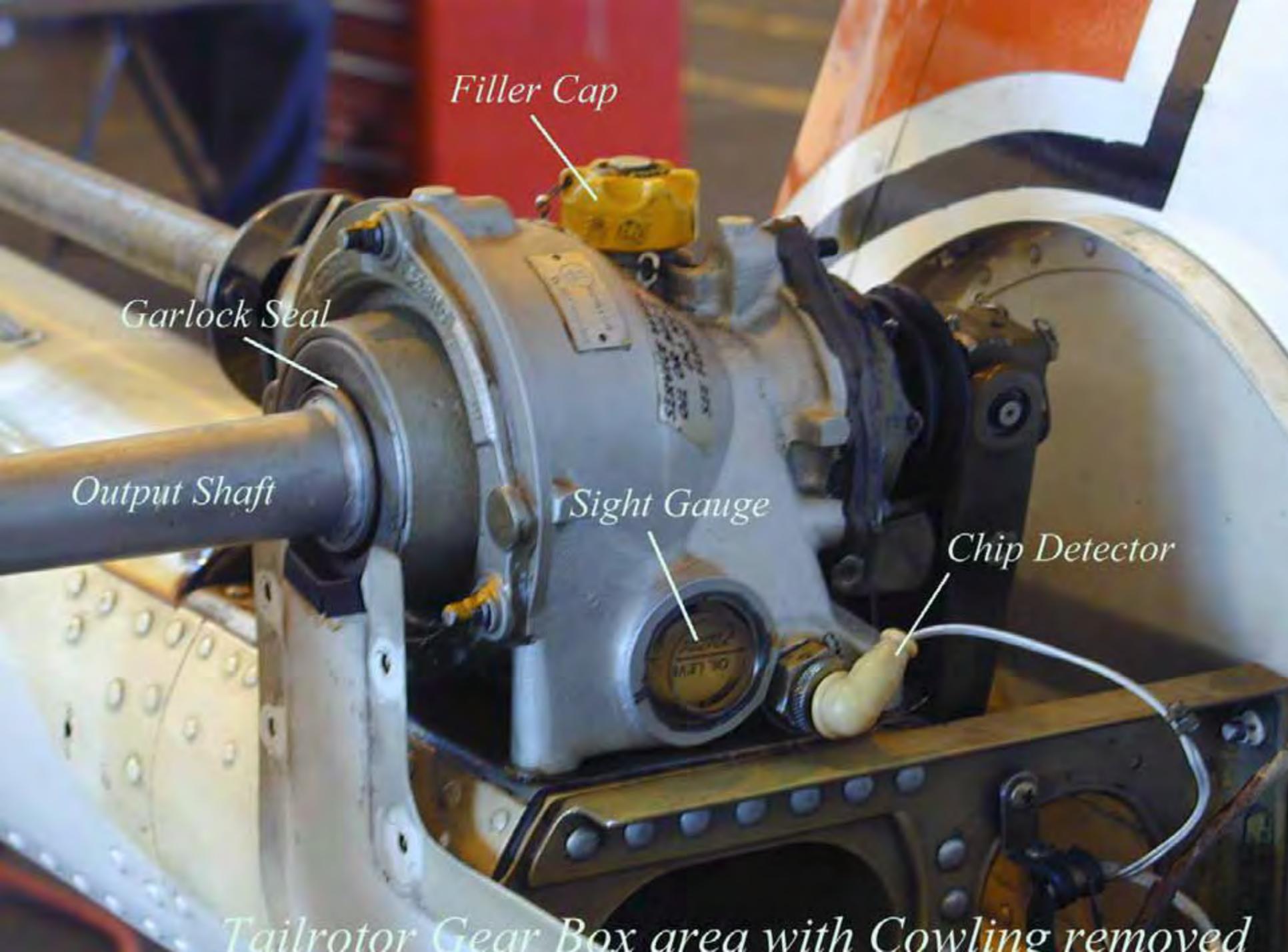
Hanger Bearing

Tailrotor Drive Shaft

Tailrotor Drive Shaft

Tailboom





Filler Cap

Garlock Seal

Output Shaft

Sight Gauge

Chip Detector

Tailrotor Gear Box area with Cowling removed



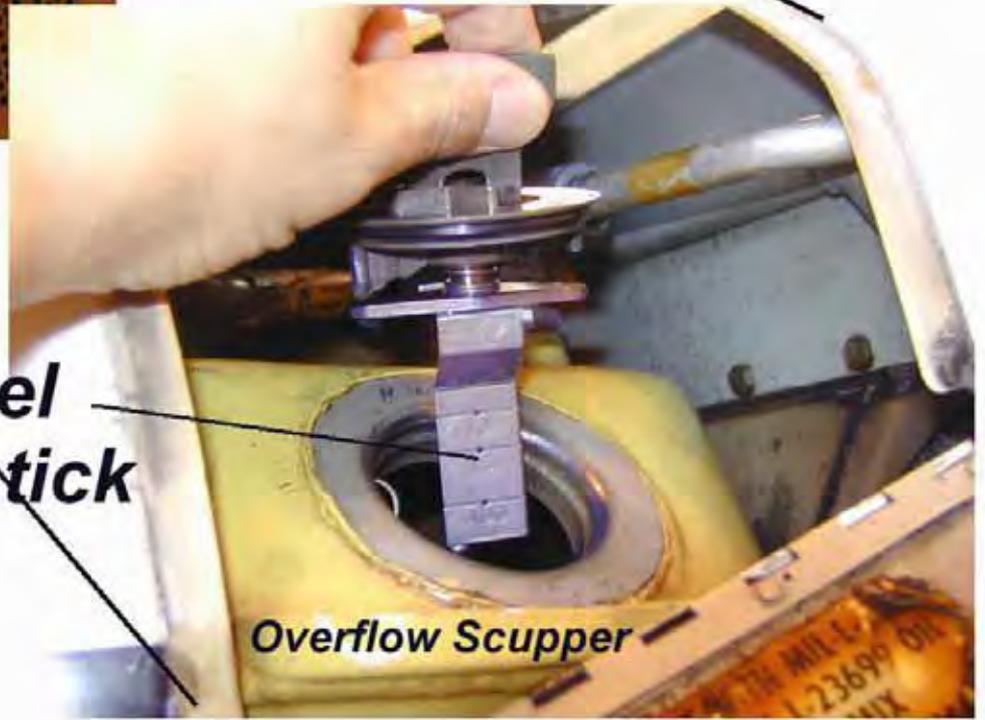
Filler Cap

Aft Fairing

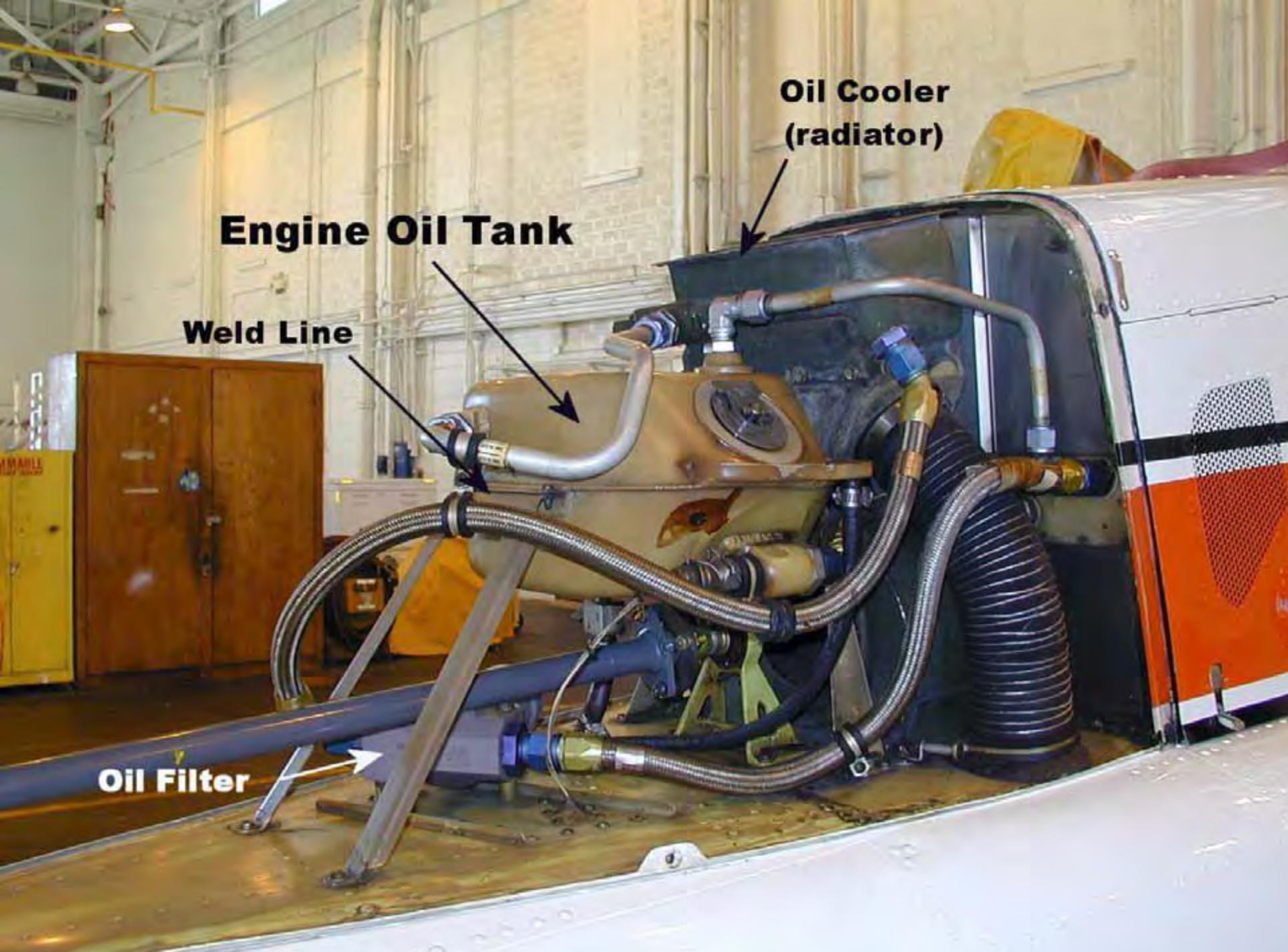
Tank Vent Line

**Holds 5.5
US Quarts**

**Check Oil Level
Visually on Dipstick**



Overflow Scupper

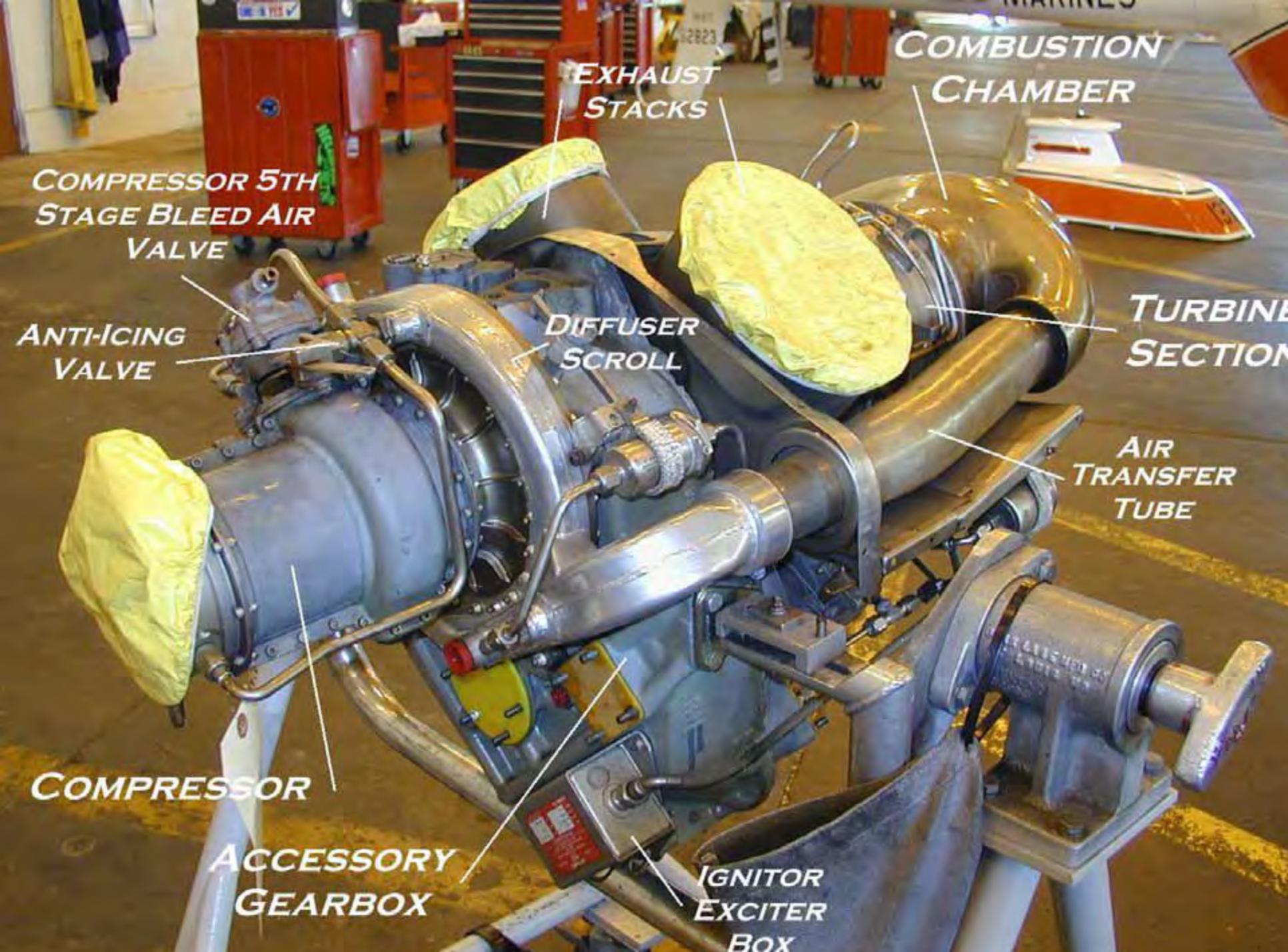


Engine Oil Tank

**Oil Cooler
(radiator)**

Weld Line

Oil Filter



COMBUSTION CHAMBER

EXHAUST STACKS

COMPRESSOR 5TH STAGE BLEED AIR VALVE

ANTI-ICING VALVE

DIFFUSER SCROLL

TURBINE SECTION

AIR TRANSFER TUBE

COMPRESSOR

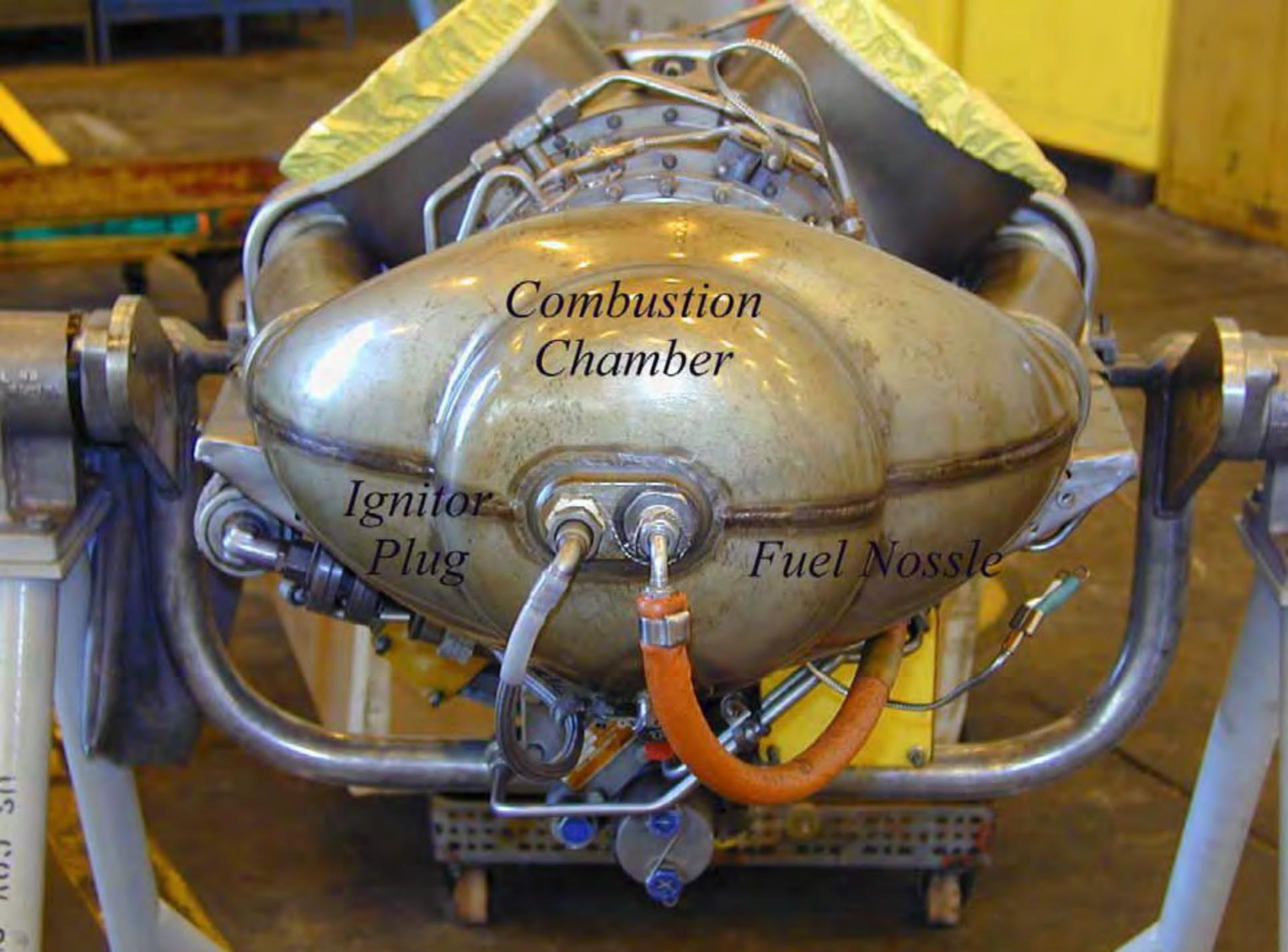
ACCESSORY GEARBOX

IGNITOR EXCITER BOX

Combustion Chamber

Ignitor Plug

Fuel Nossle





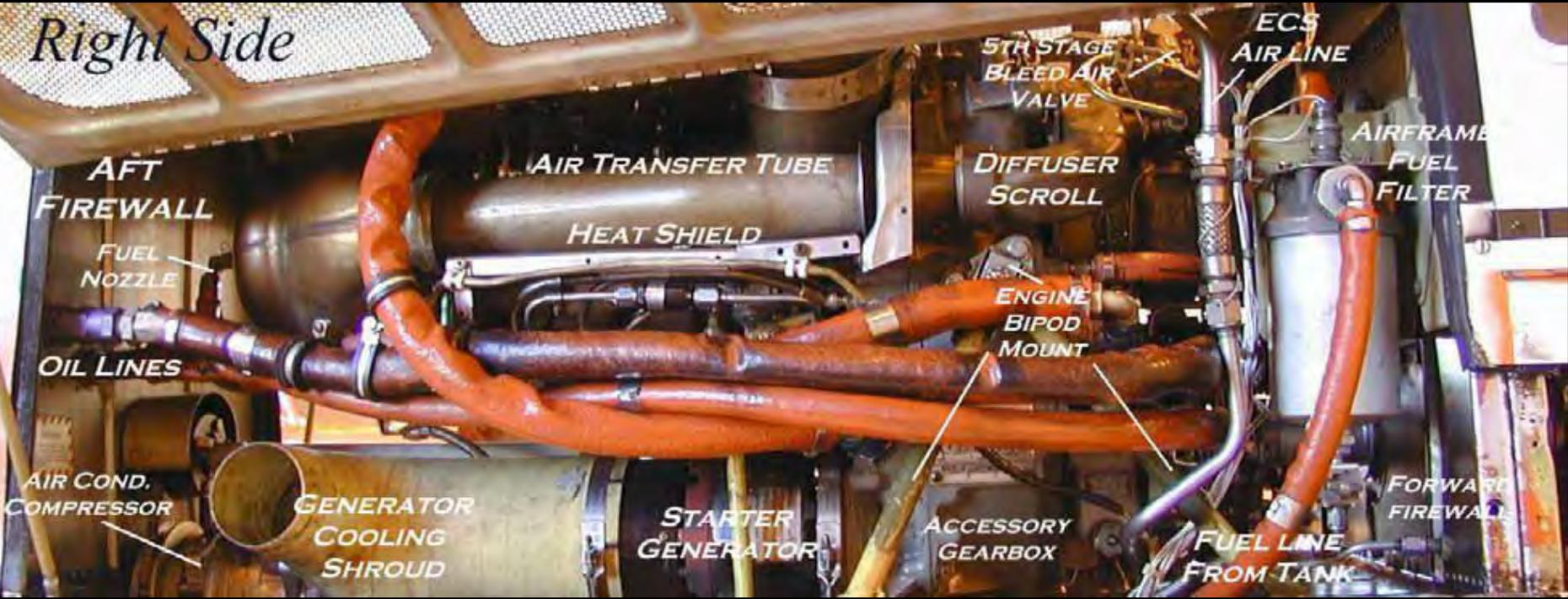
*RIGHT SIDE
ENGINE BI-POD
MOUNT*

Freewheeling Unit

*MAGNETIC
CHIP
DETECTOR
PLUG*

*LOWER
ENGINE MOUNT*

Right Side



AFT
FIREWALL

FUEL
NOZZLE

OIL LINES

AIR COND.
COMPRESSOR

GENERATOR
COOLING
SHROUD

AIR TRANSFER TUBE
HEAT SHIELD

5TH STAGE
BLEED AIR
VALVE

DIFFUSER
SCROLL

ENGINE
BIPOD
MOUNT

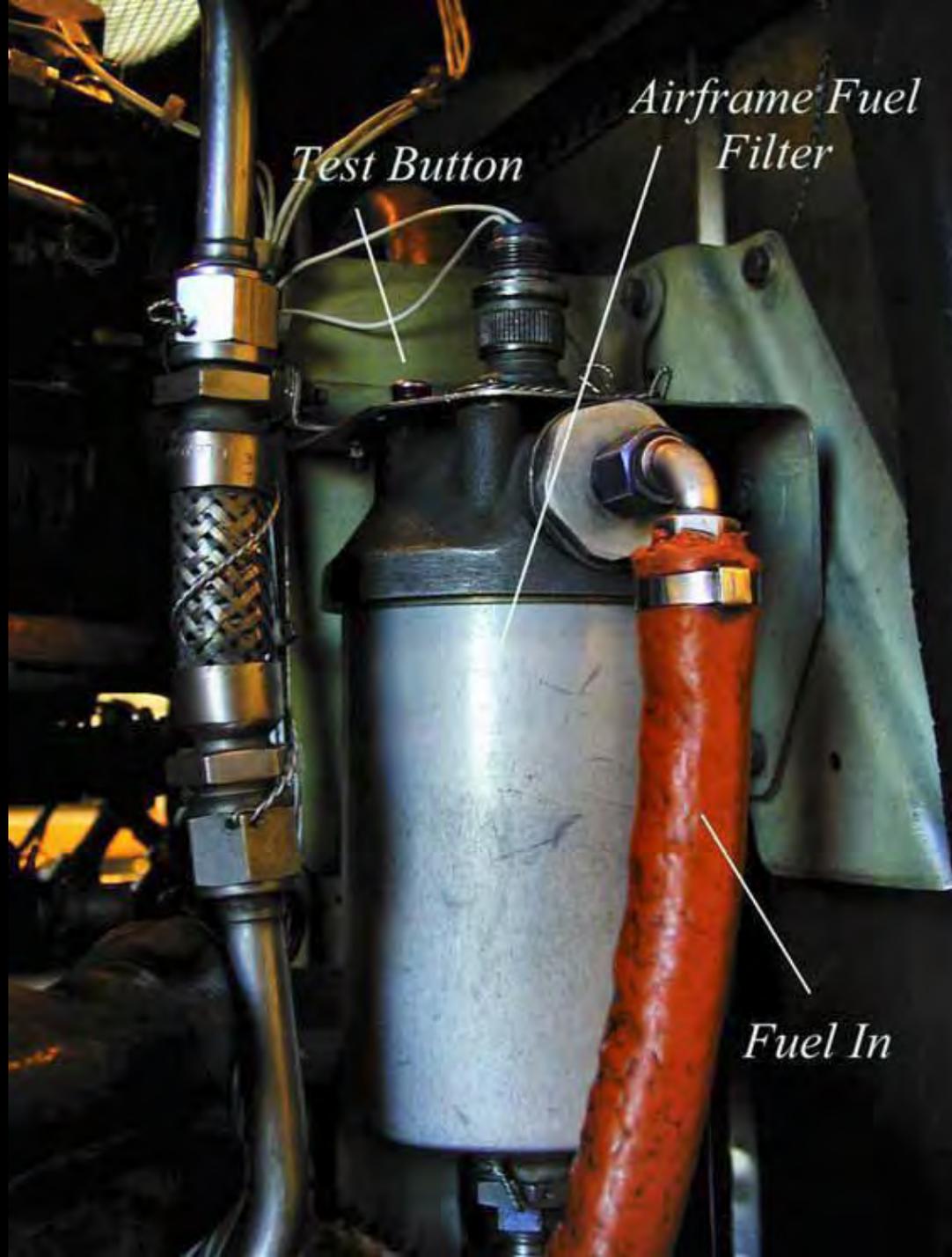
ACCESSORY
GEARBOX

ECS
AIR LINE

AIRFRAME
FUEL
FILTER

FORWARD
FIREWALL

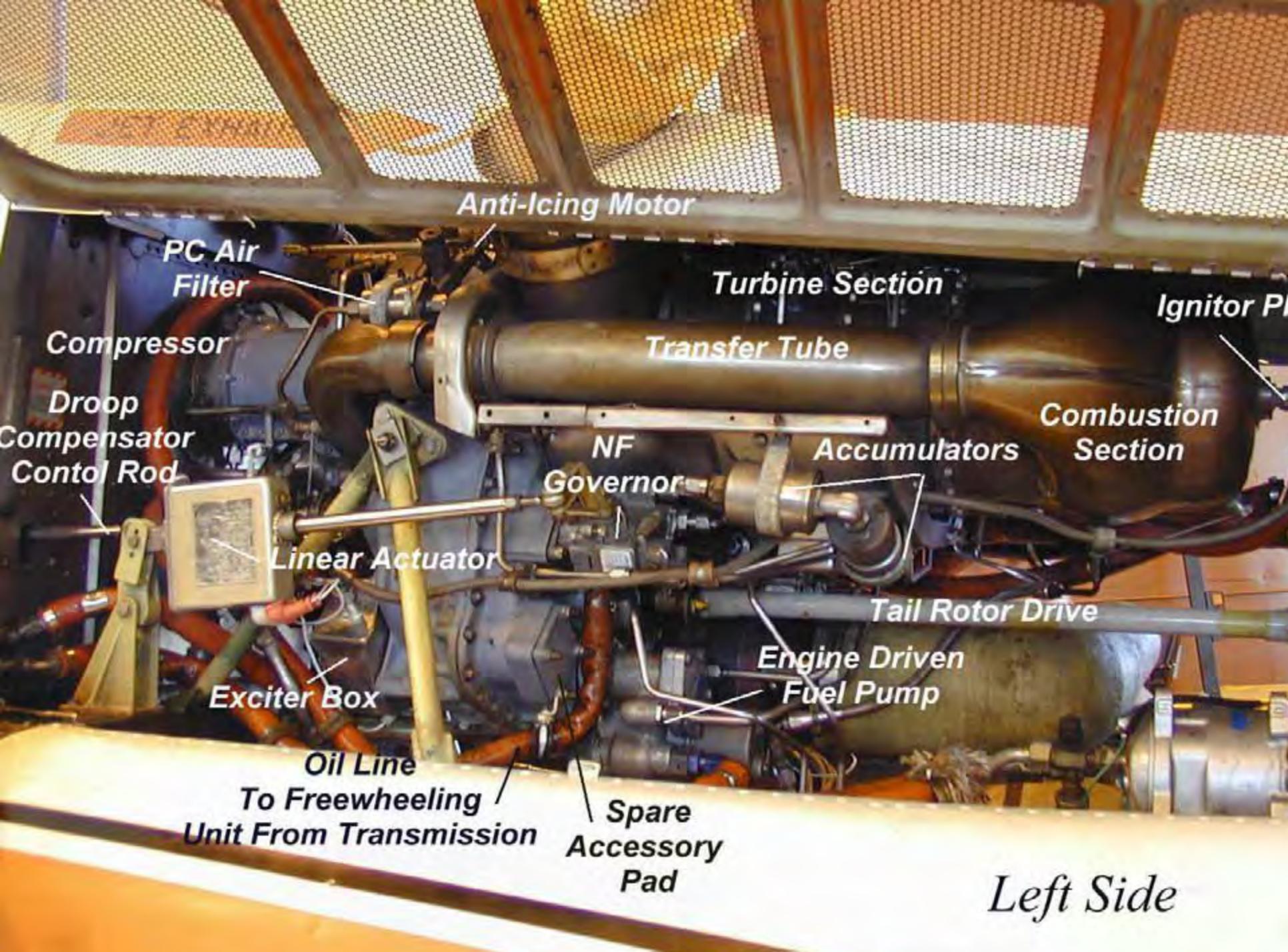
FUEL LINE
FROM TANK



Test Button

*Airframe Fuel
Filter*

Fuel In



Anti-Icing Motor

PC Air Filter

Compressor

Droop Compensator Control Rod

Linear Actuator

Exciter Box

Oil Line To Freewheeling Unit From Transmission

Spare Accessory Pad

Turbine Section

Transfer Tube

NF Governor

Accumulators

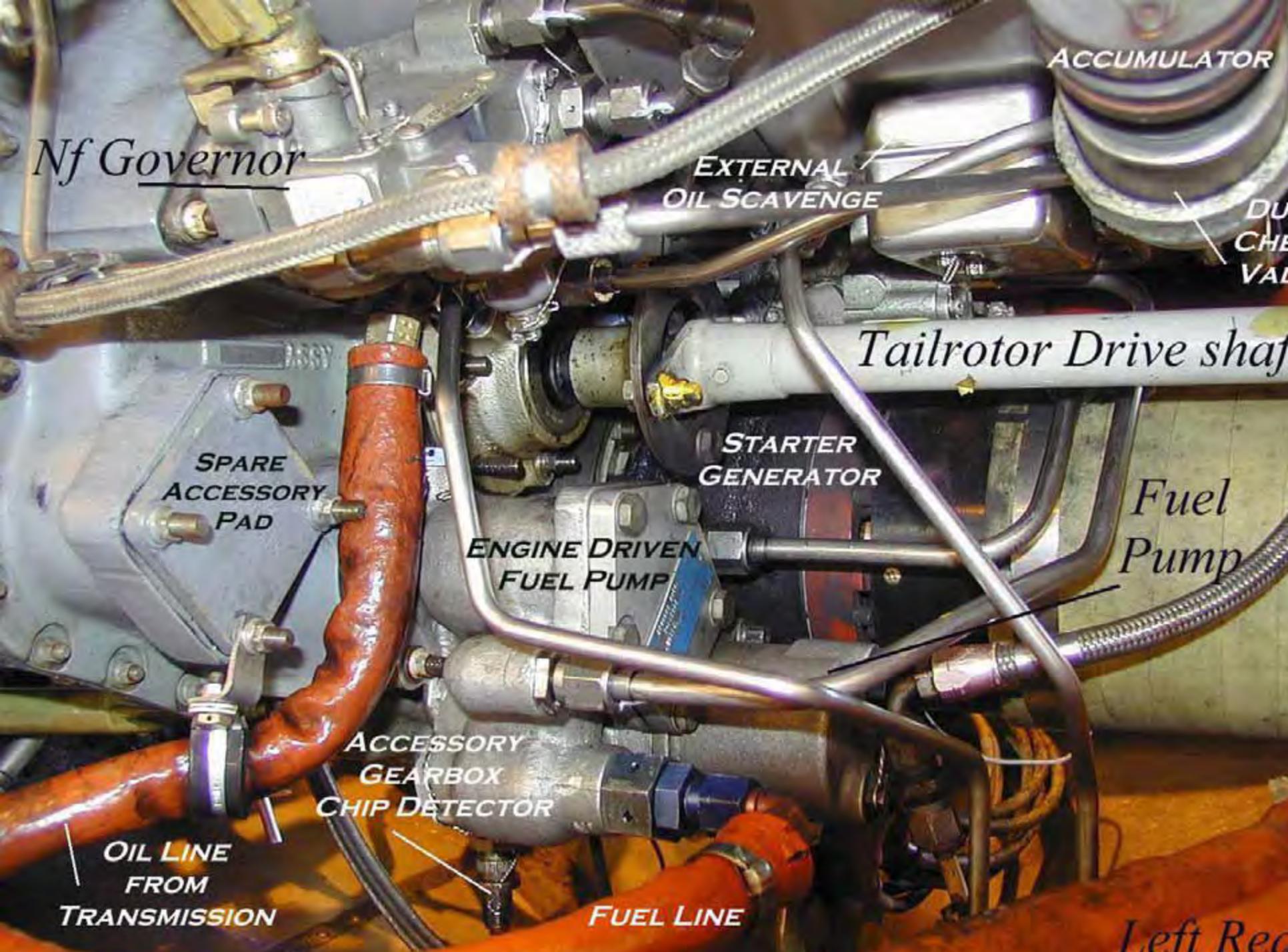
Engine Driven Fuel Pump

Tail Rotor Drive

Combustion Section

Ignitor Pl

Left Side



Nf Governor

ACCUMULATOR

EXTERNAL
OIL SCAVENGE

DU
CHE
VAL

Tailrotor Drive shaft

SPARE
ACCESSORY
PAD

STARTER
GENERATOR

*Fuel
Pump*

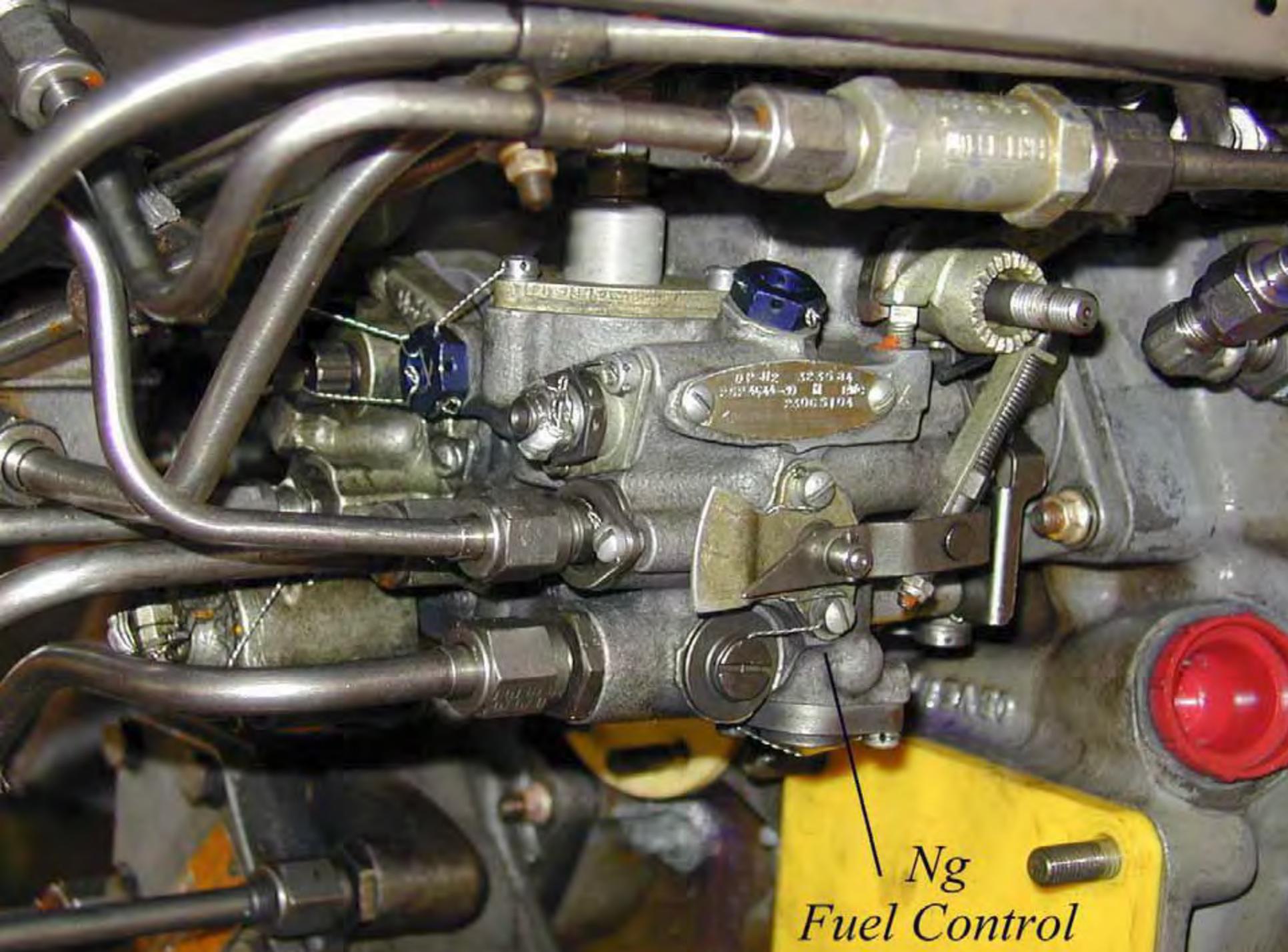
ENGINE DRIVEN
FUEL PUMP

ACCESSORY
GEARBOX
CHIP DETECTOR

OIL LINE
FROM
TRANSMISSION

FUEL LINE

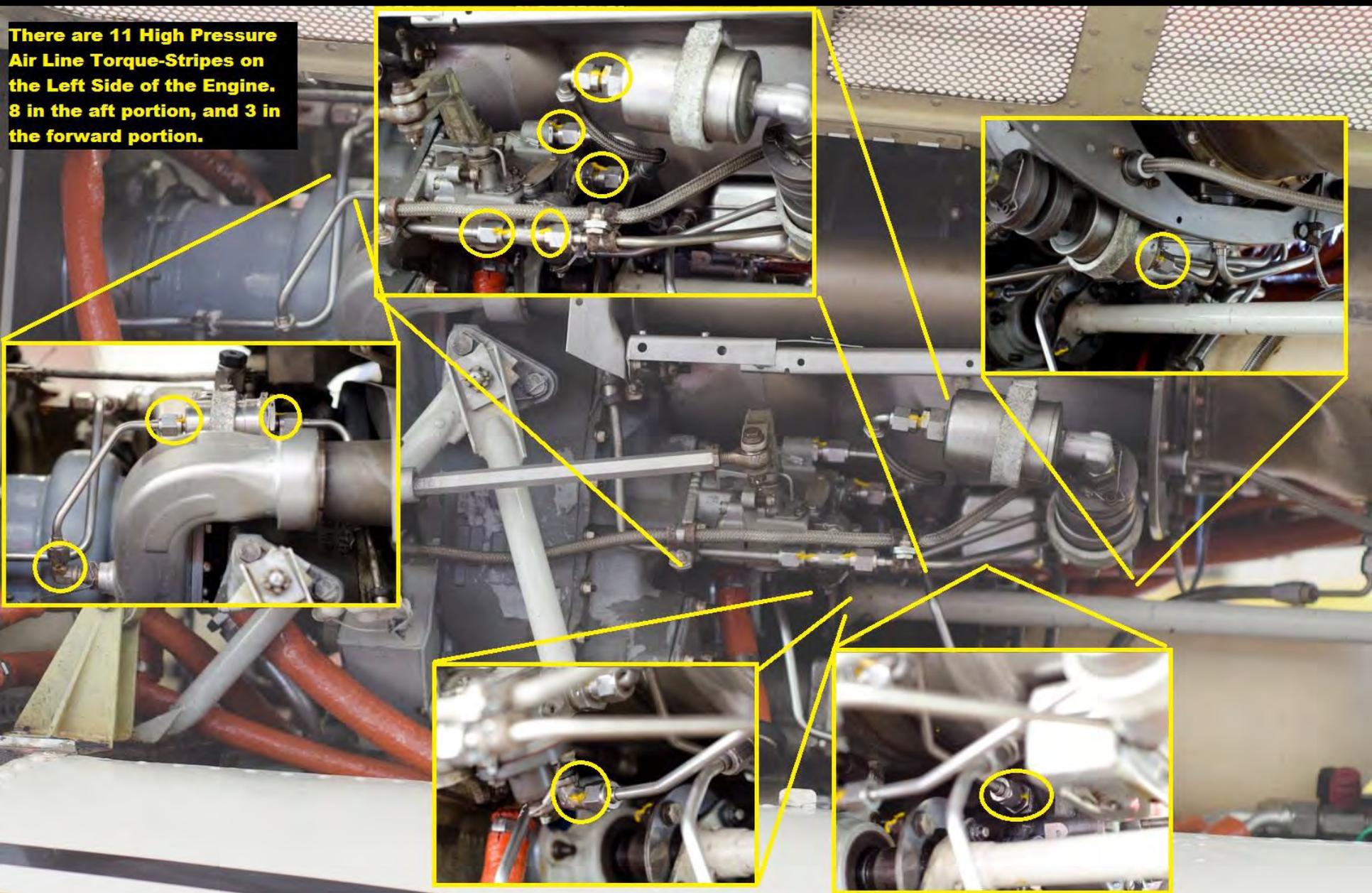
Left Rec

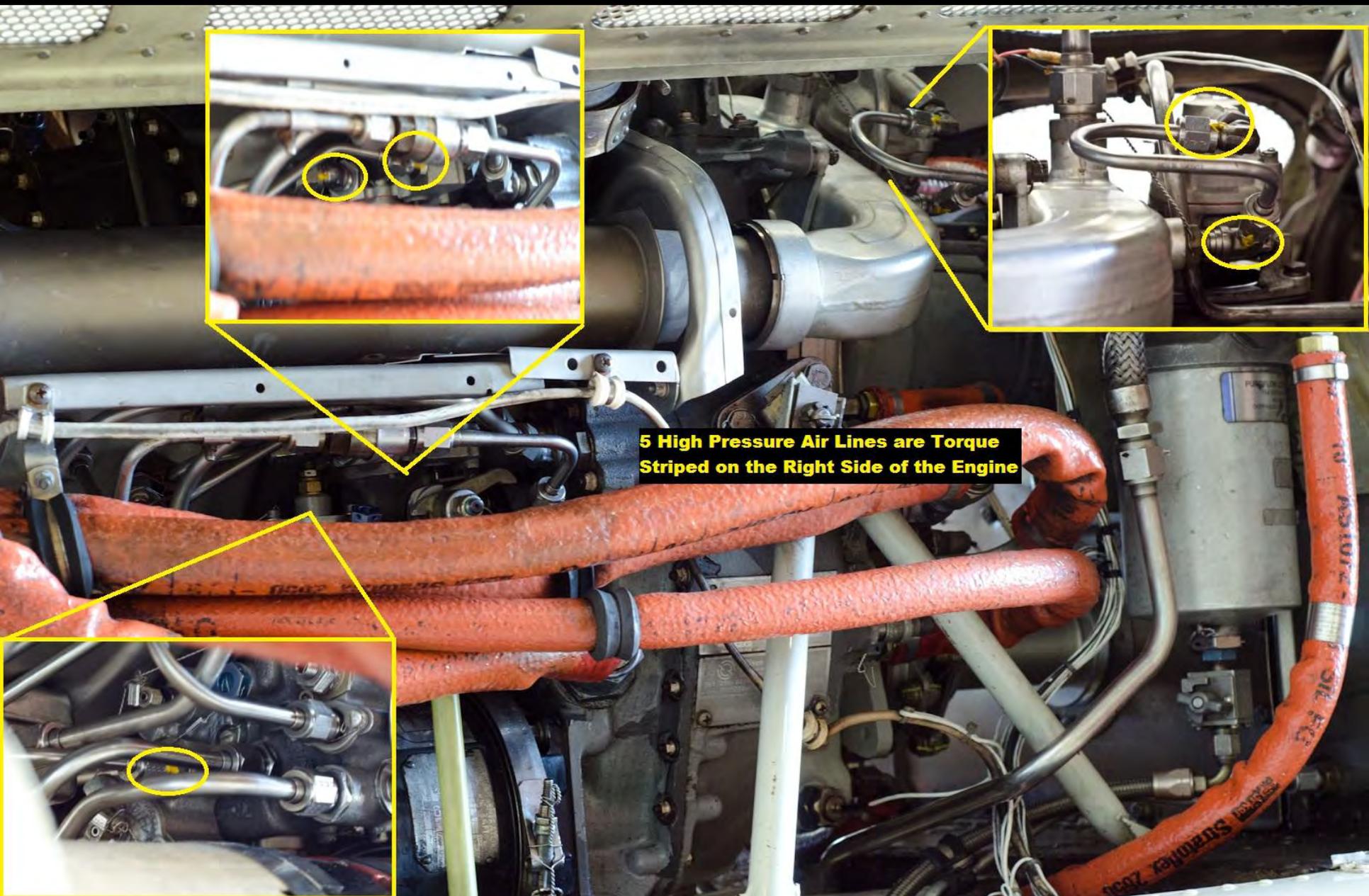


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Ng
Fuel Control

There are 11 High Pressure Air Line Torque-Strips on the Left Side of the Engine. 8 in the aft portion, and 3 in the forward portion.





5 High Pressure Air Lines are Torque Striped on the Right Side of the Engine