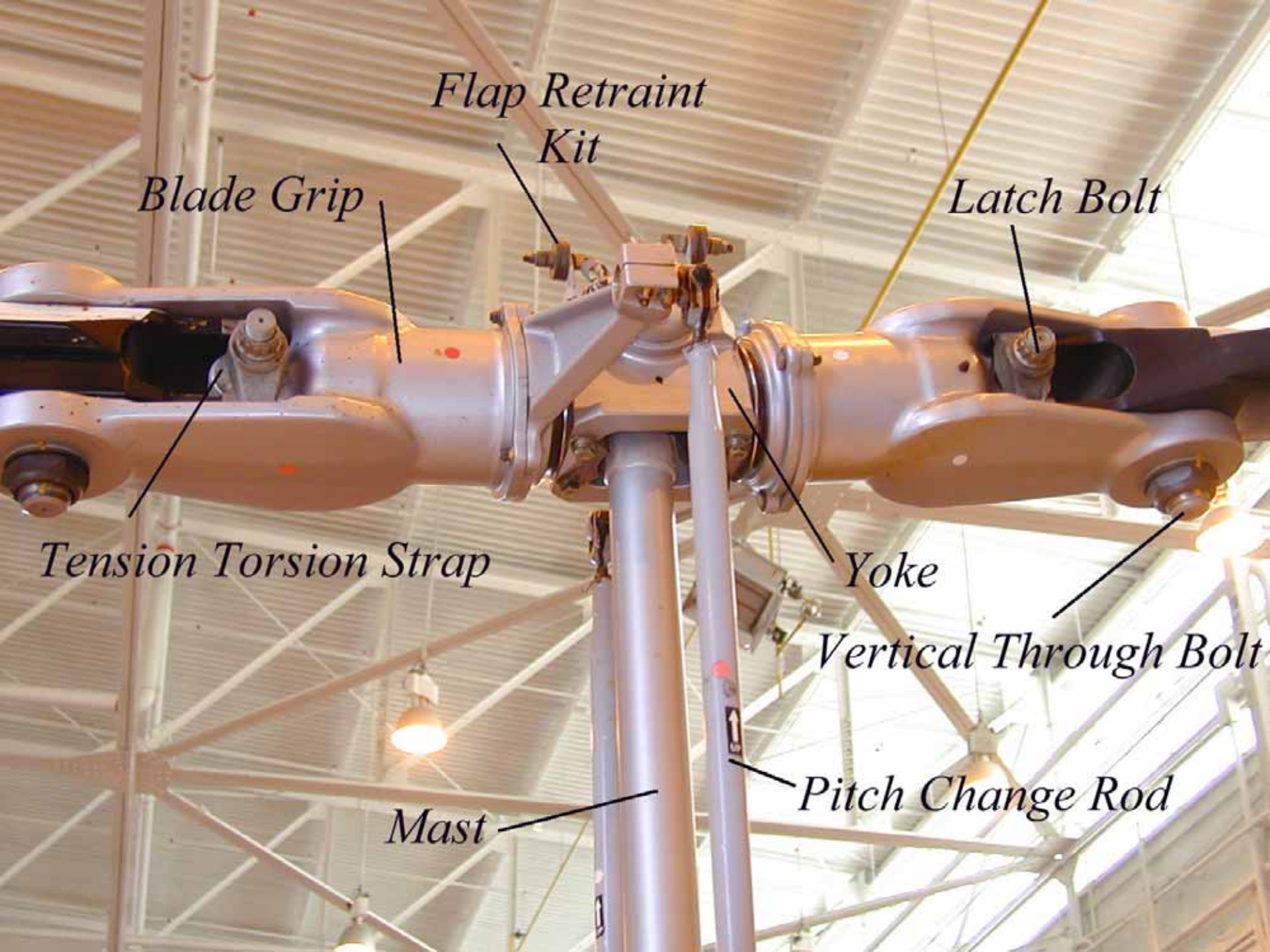
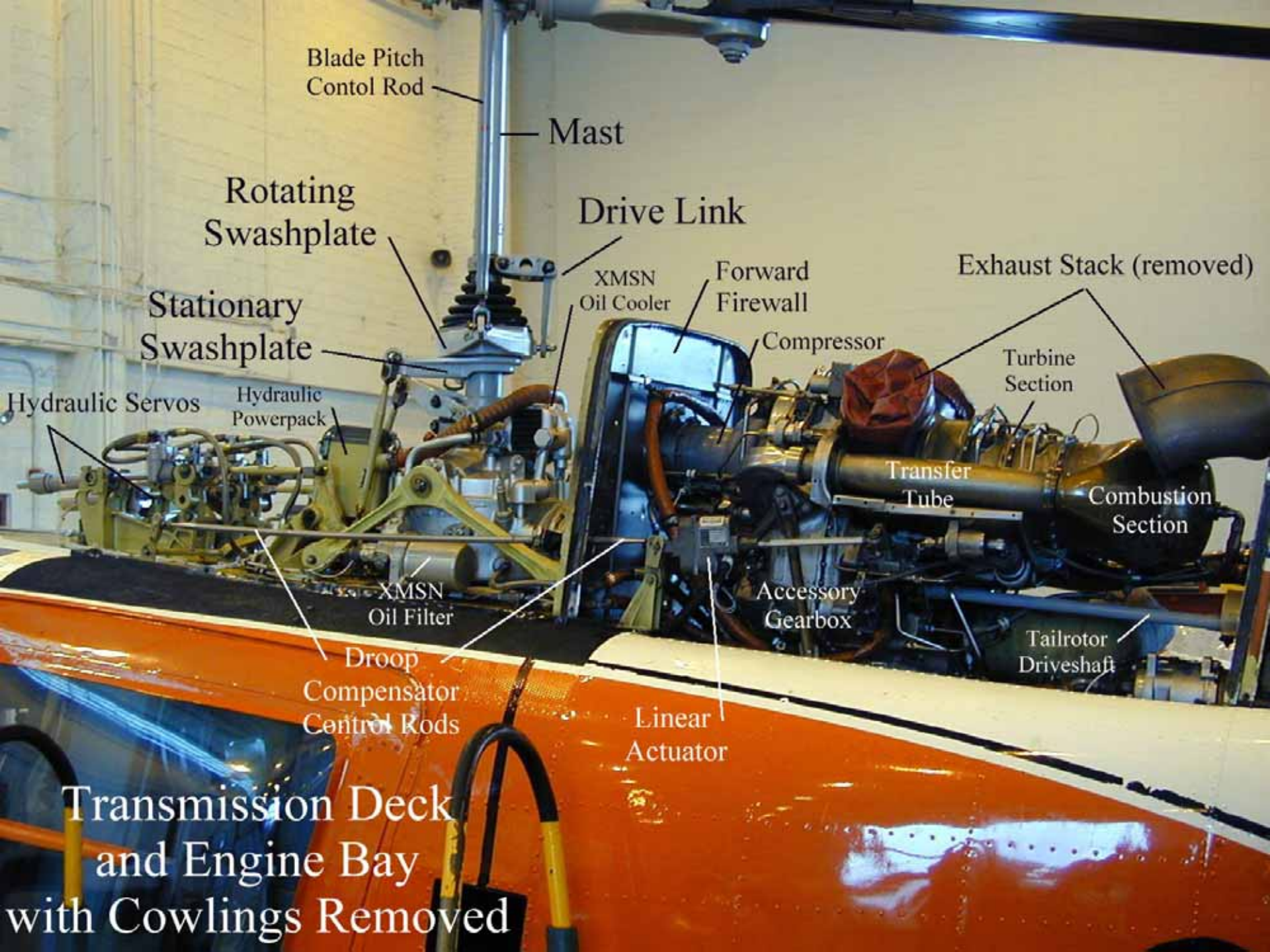
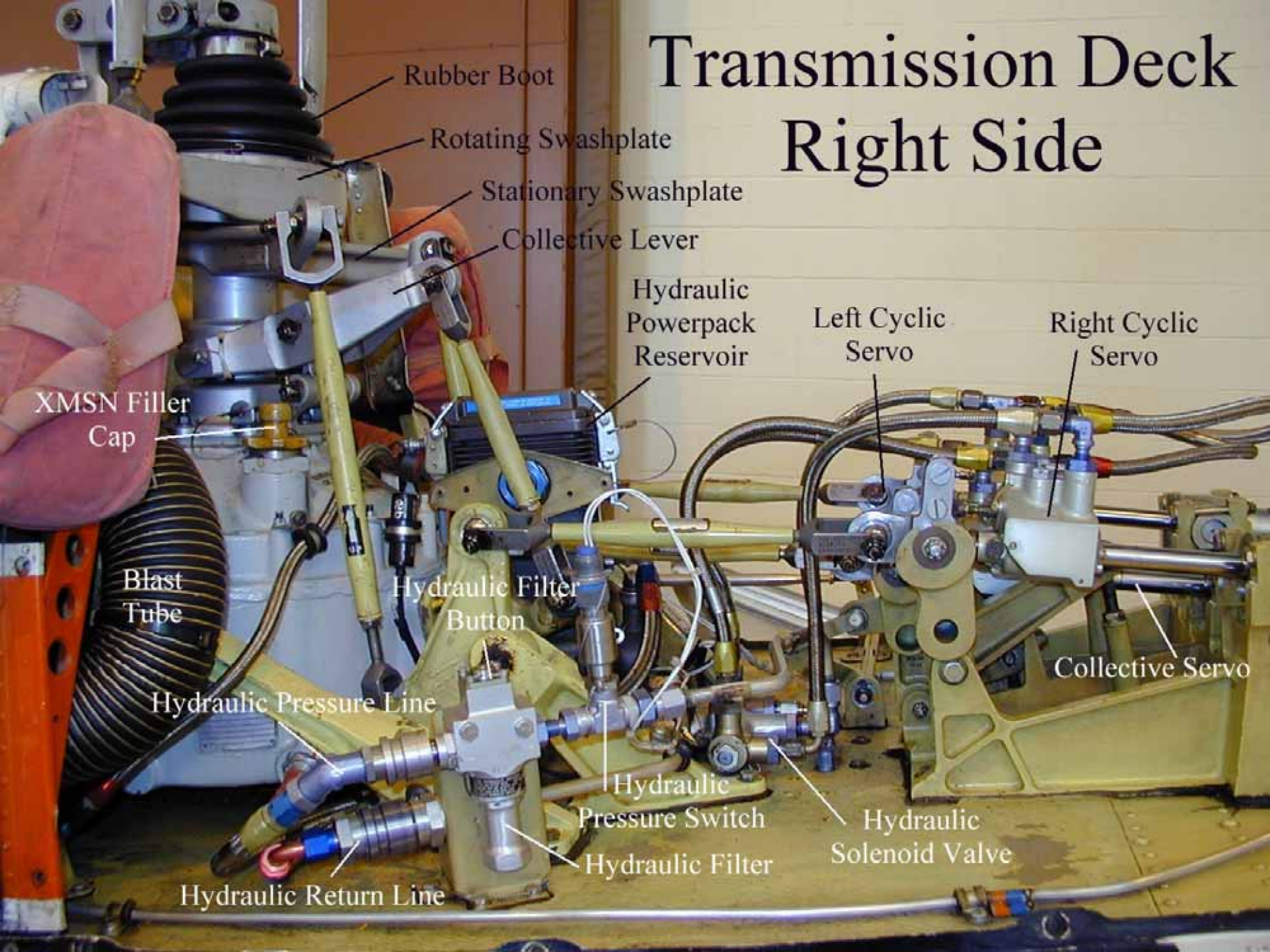
HT-18
PREFLIGHT OF THE TH-57

Engine Cowling
Induction Fairing
Aft Fairing
Forward Fairing
TAW-5
NAVY
82042
78

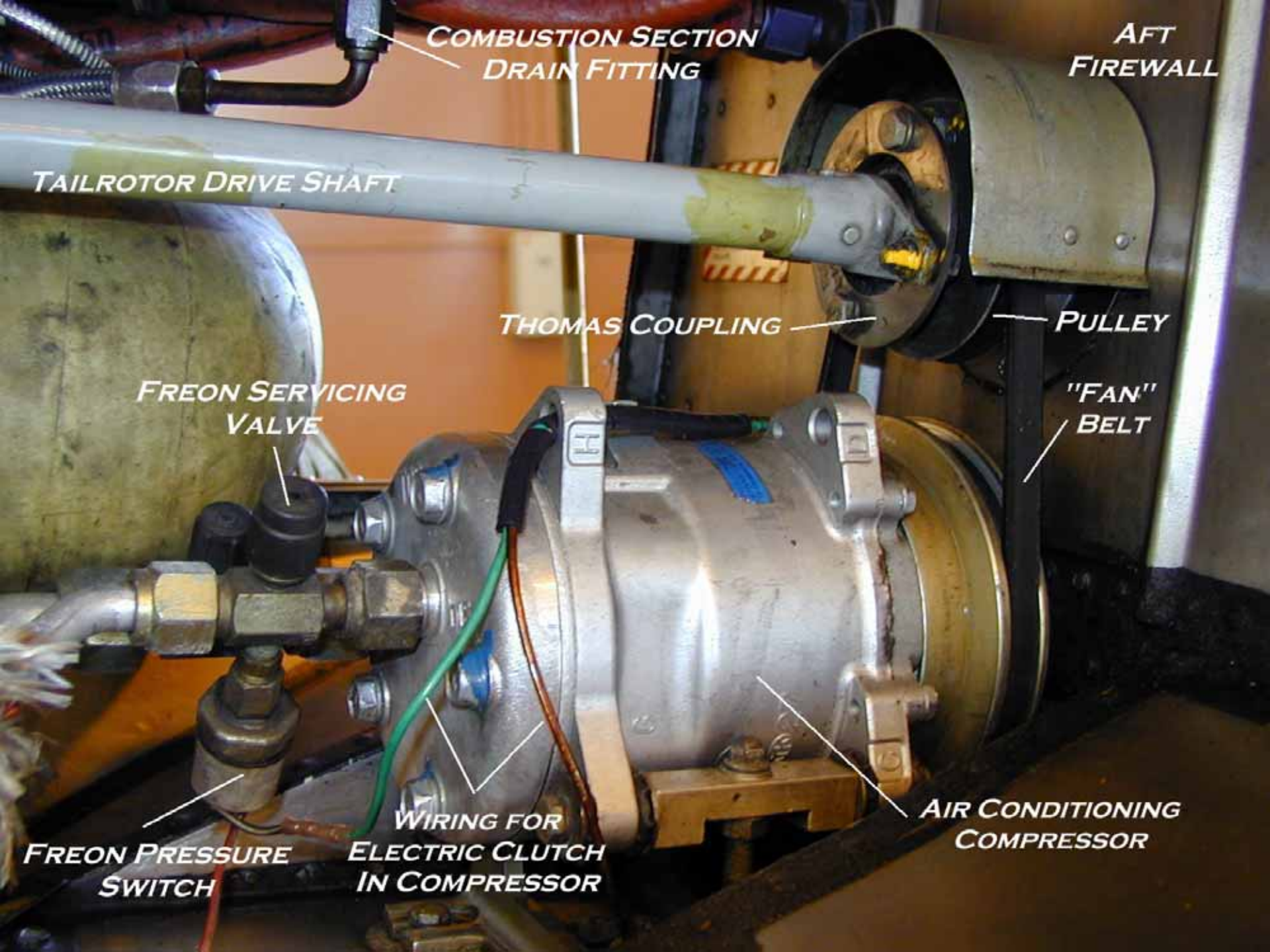

Flap Retraint Kit
Blade Grip
Latch Bolt
Tension Torsion Strap
Yoke
Vertical Through Bolt
Pitch Change Rod
Mast

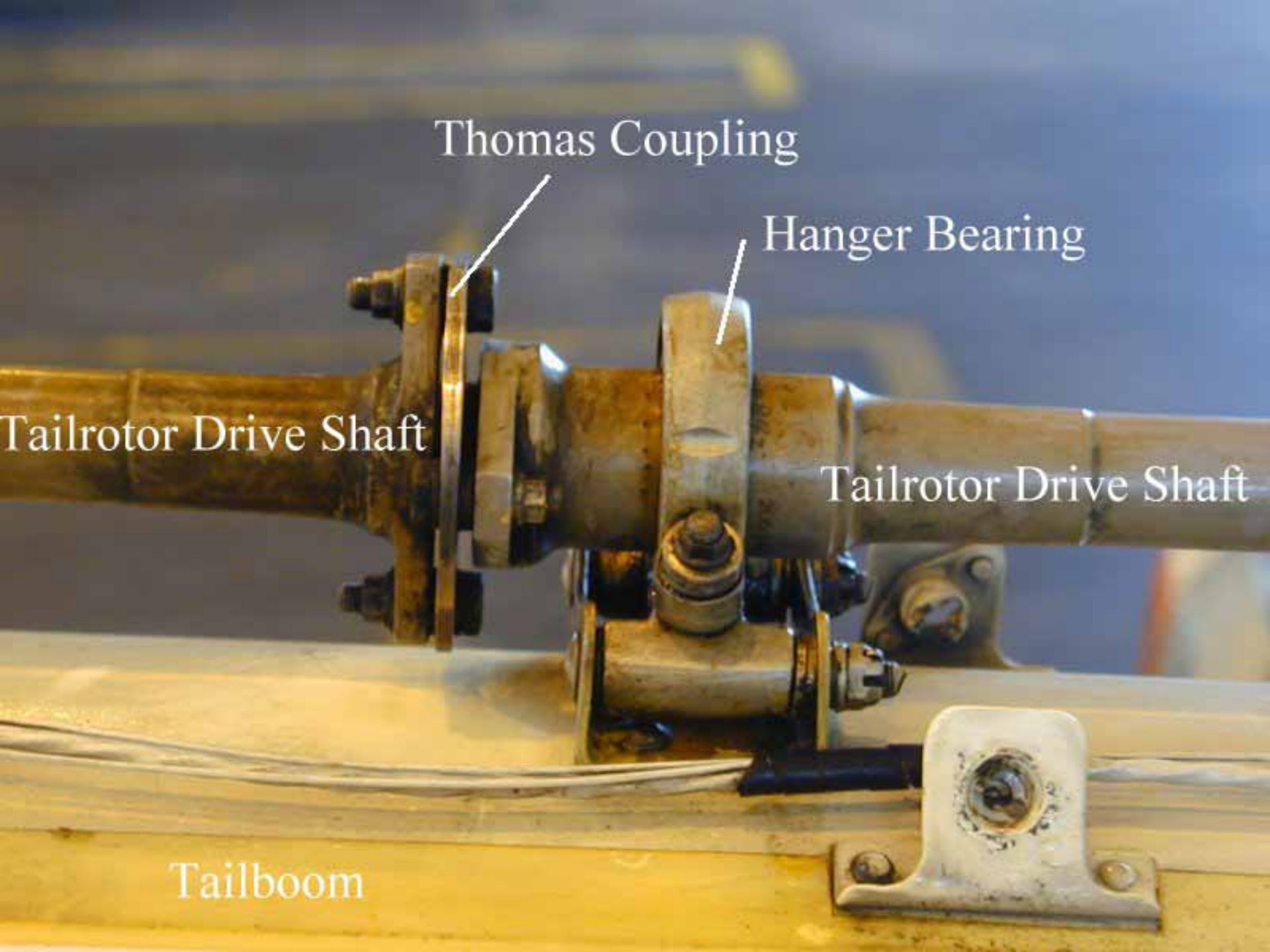


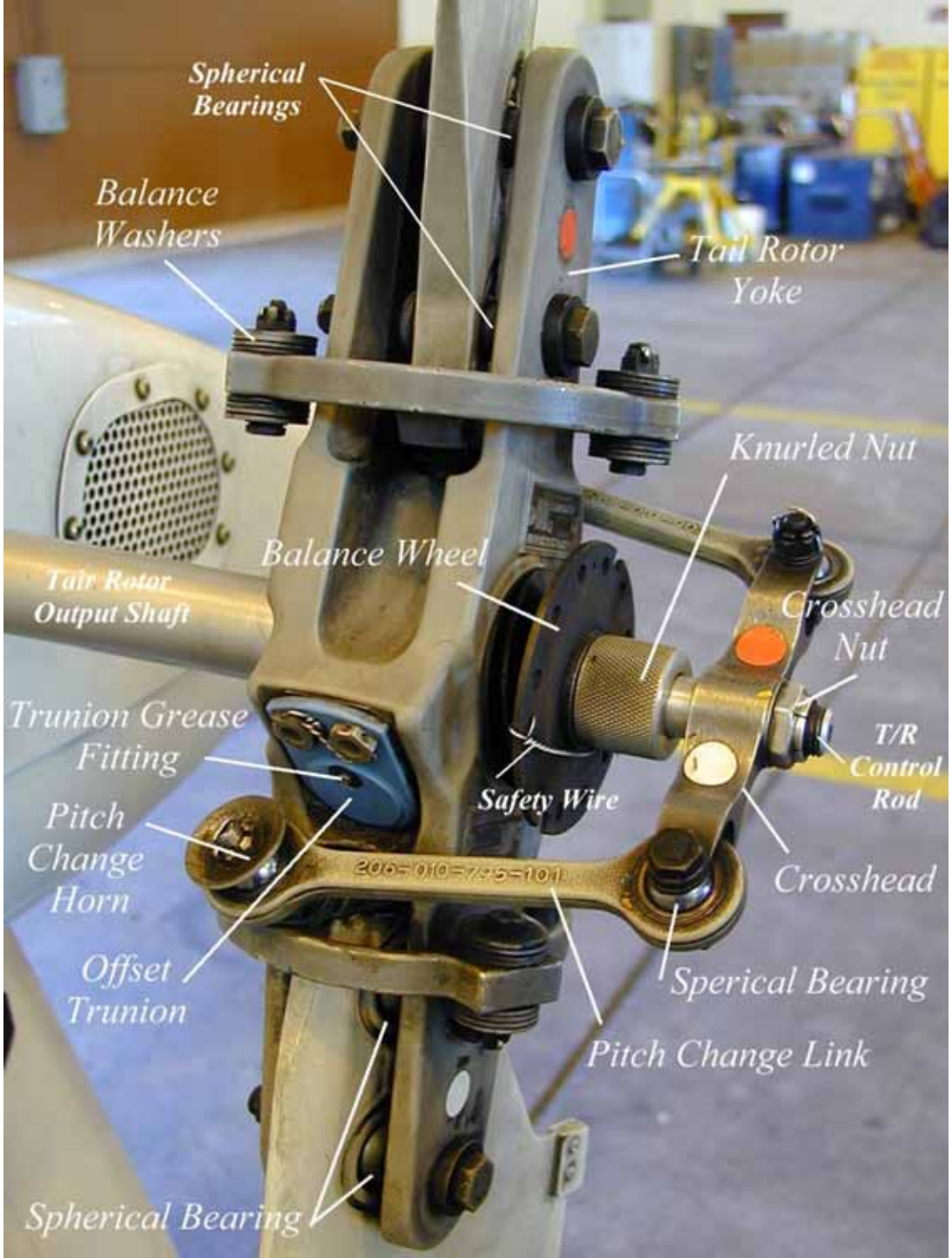
Transmission Deck and Engine Bay with Cowlings Removed

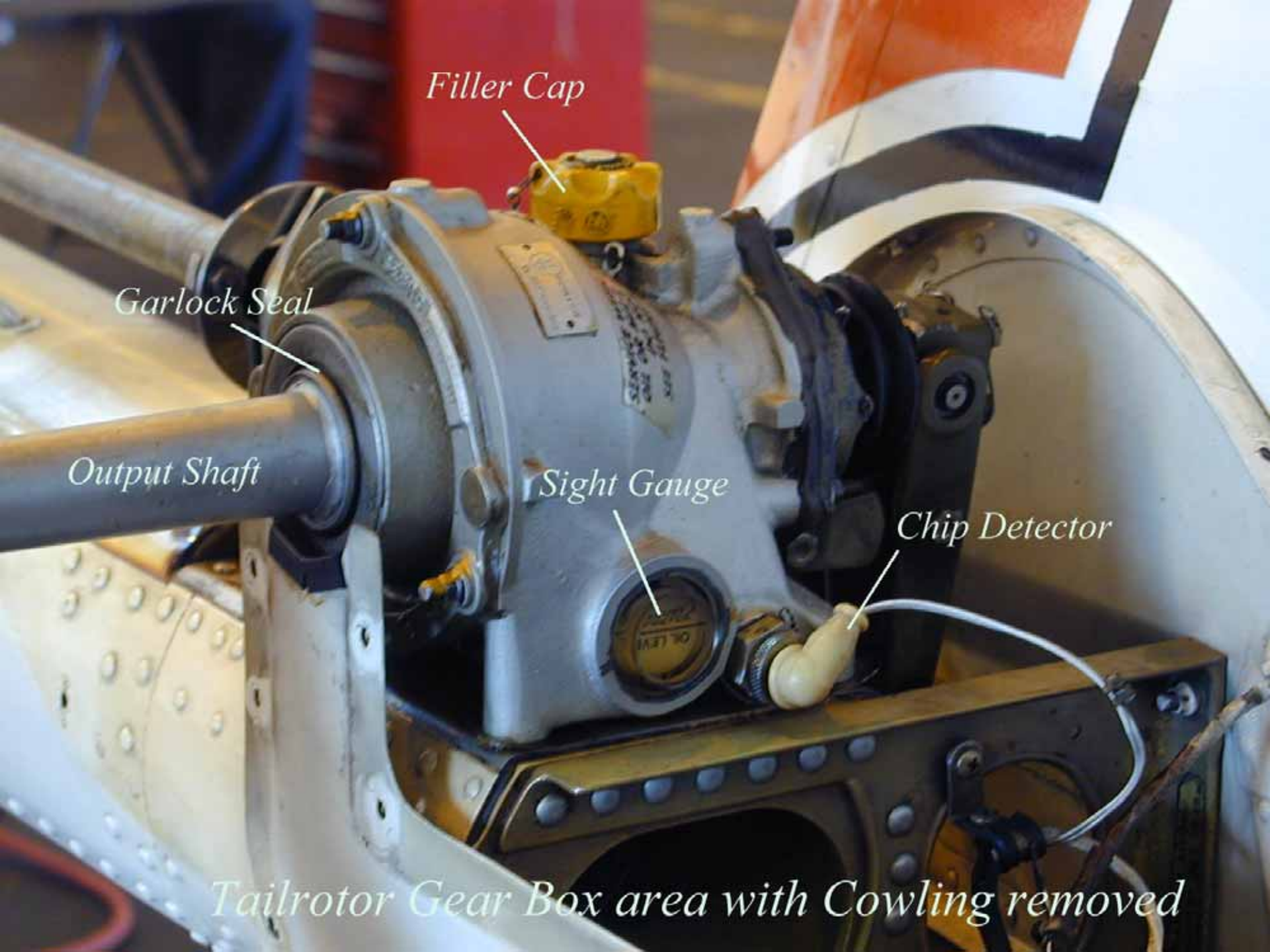

Transmission Deck
Right Side
Rubber Boot
Rotating Swashplate
Stationary Swashplate
Collective Lever
Hydraulic Powerpack Reservoir
Left Cyclic Servo
Right Cyclic Servo
XMSN Filler Cap
Blast Tube
Hydraulic Filter Button
Collective Servo
Hydraulic Pressure Line
Hydraulic Pressure Switch
Hydraulic Solenoid Valve
Hydraulic Filter
Hydraulic Return Line

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

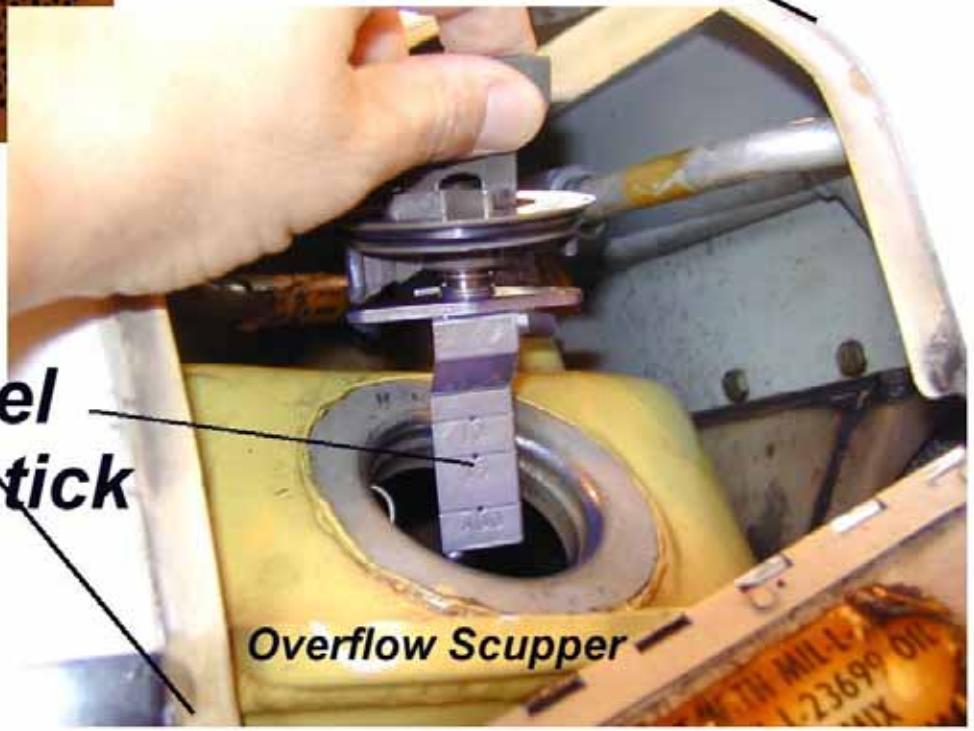

Thomas Coupling
Hanger Bearing
Tailrotor Drive Shaft
Tailrotor Drive Shaft
Tailboom


Spherical Bearings
Balance Washers
Tail Rotor Yoke
Knurled Nut
Balance Wheel
Tair Rotor Output Shaft
Crosshead Nut
Trunion Grease Fitting
T/R Control Rod
Safety Wire
Pitch Change Horn
Crosshead
Offset Trunion
Sperical Bearing
Pitch Change Link
Spherical Bearing

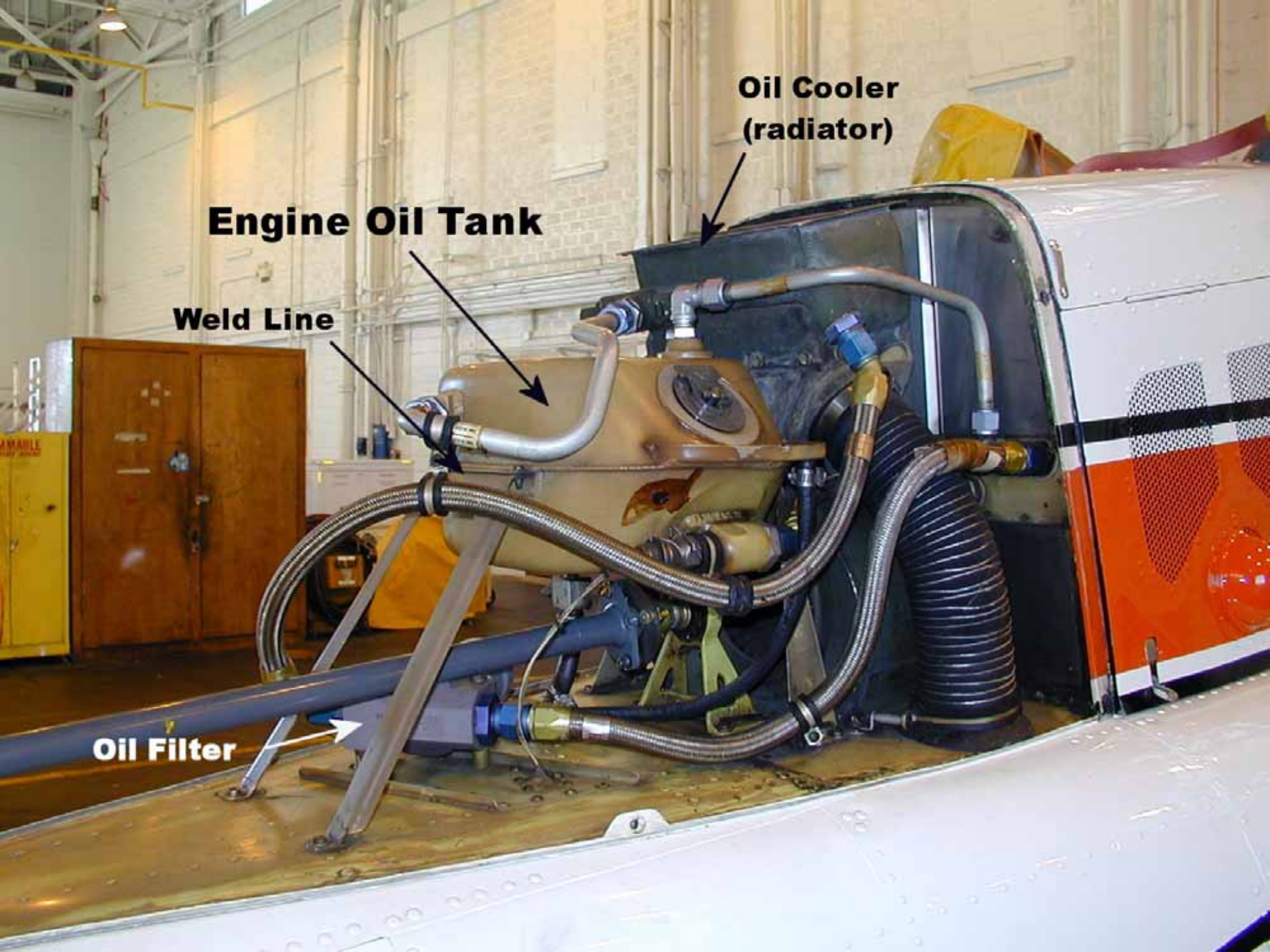


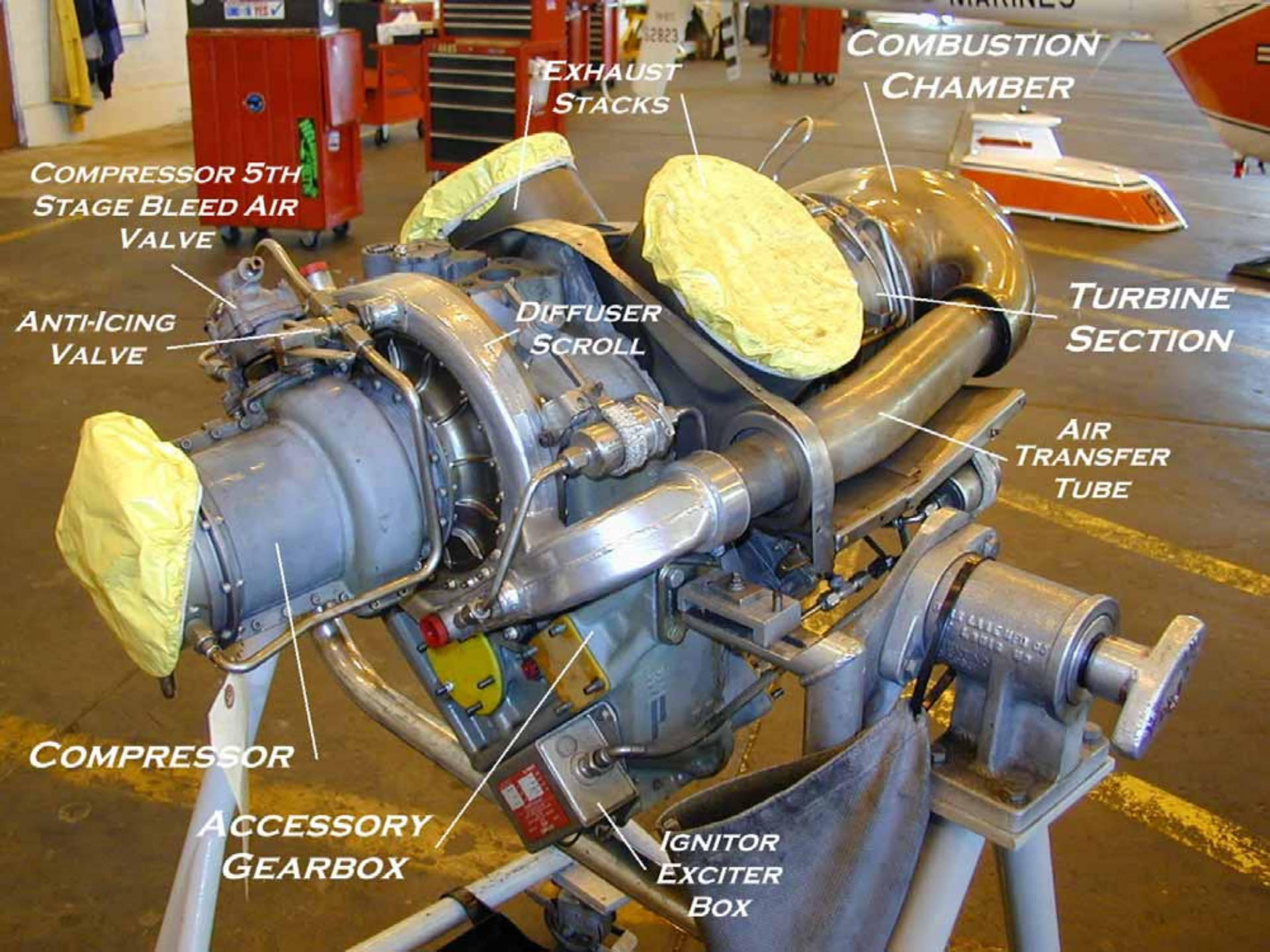
Tailrotor Gear Box area with Cowling removed

Holds 5.5 US Quarts



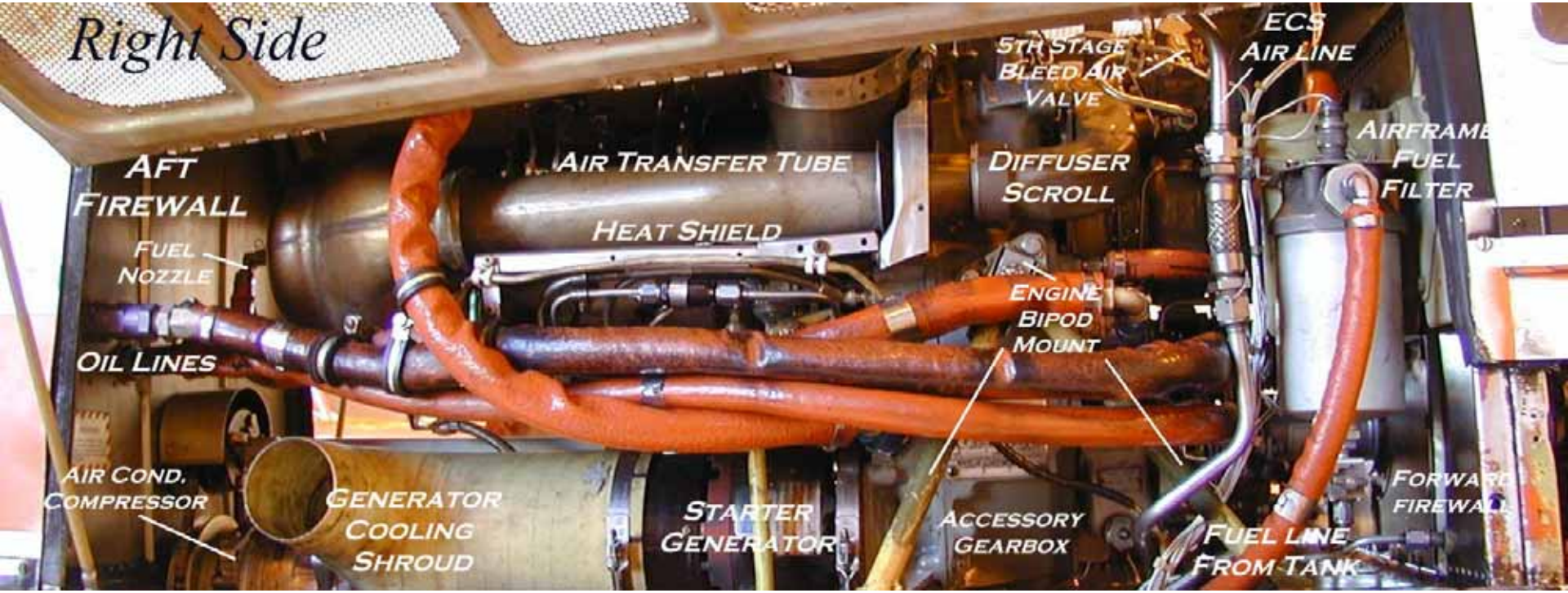
Check Oil Level Visually on Dipstick

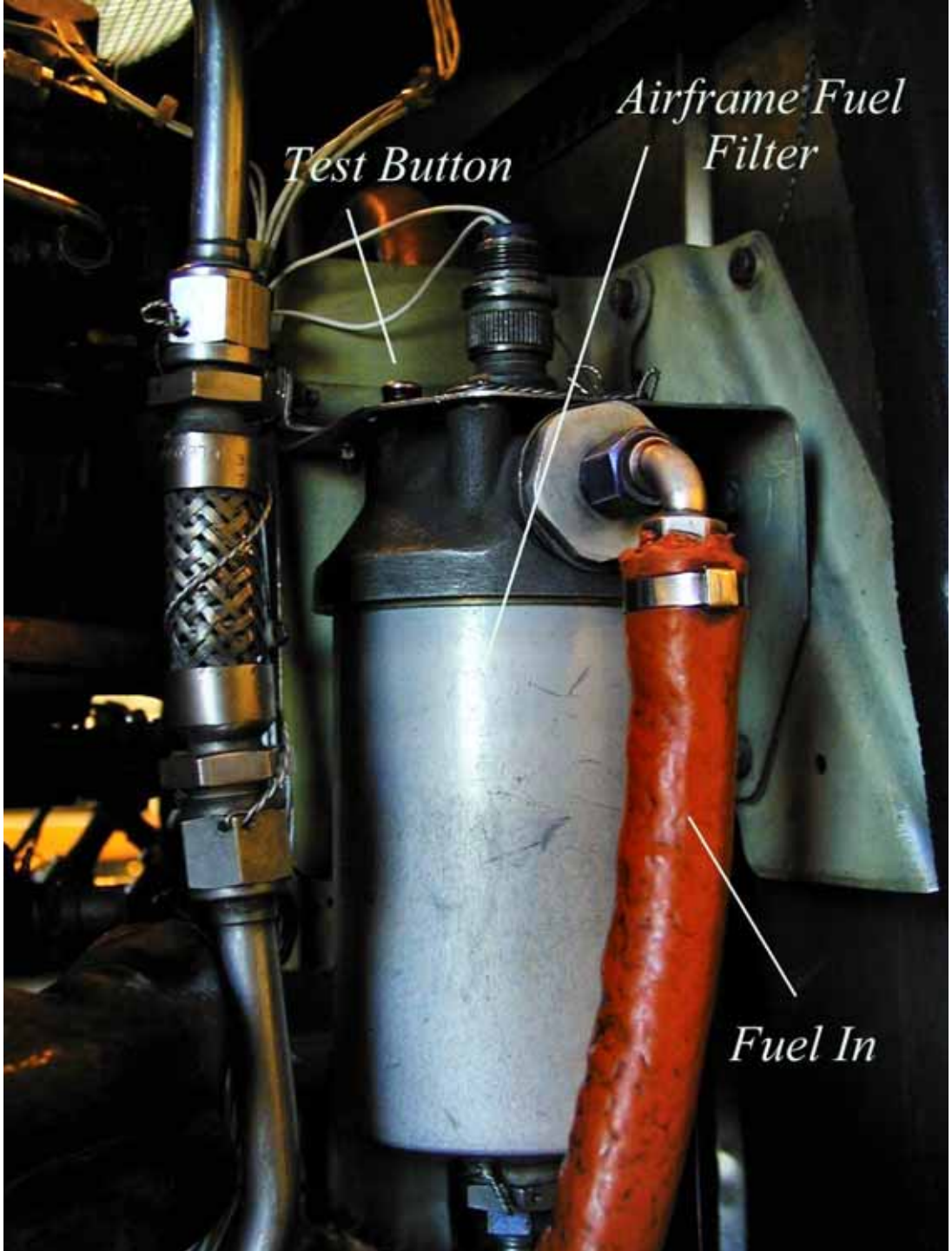

Oil Cooler
(radiator)
Engine Oil Tank
Weld Line
Oil Filter

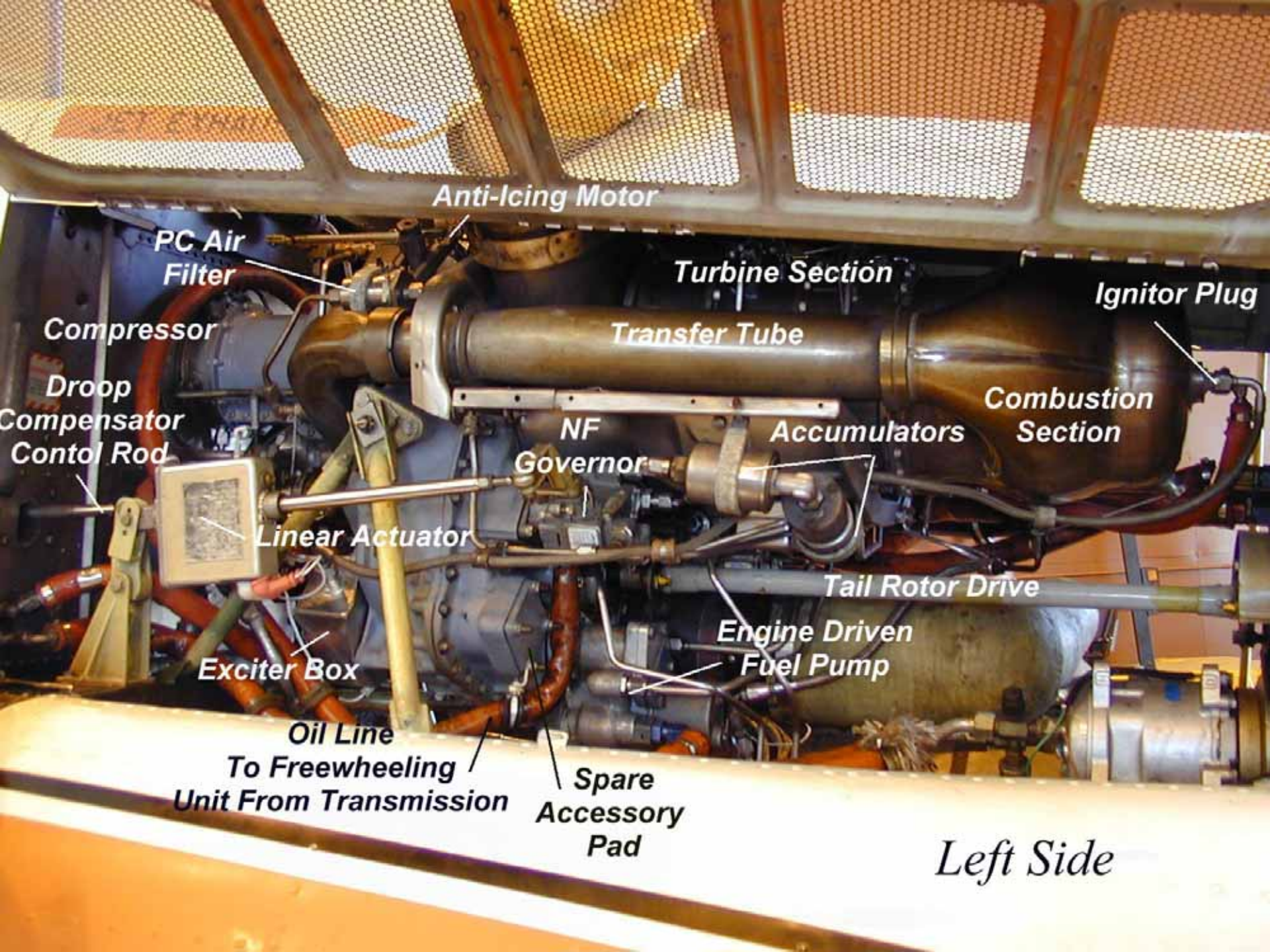

Exhaust Stacks
Combustion Chamber
Compressor 5th Stage Bleed Air Valve
Anti-Icing Valve
Diffuser Scroll
Turbine Section
Air Transfer Tube
Compressor
Accessory Gearbox
Ignitor Exciter Box

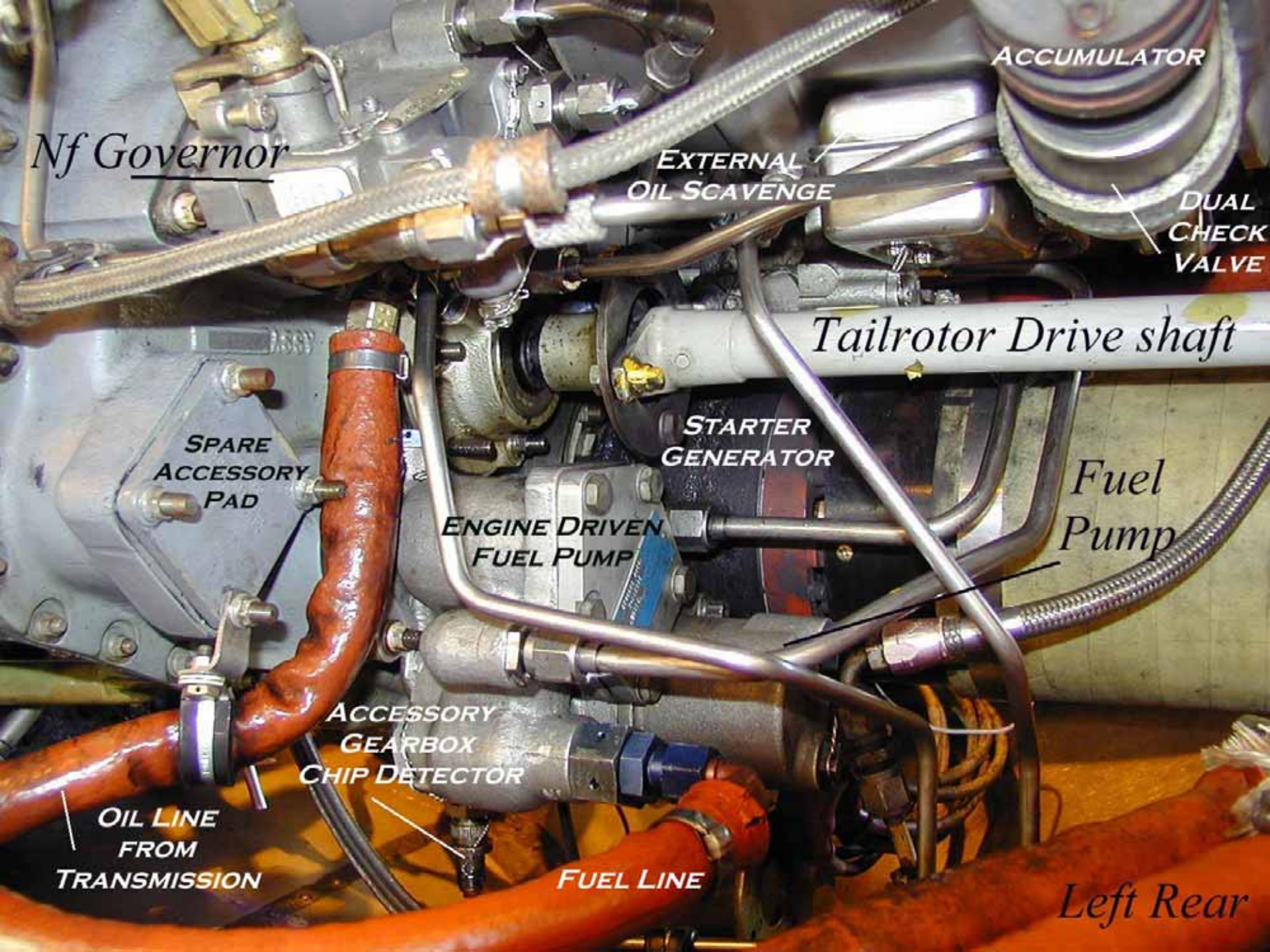
Combustion
Chamber
Ignitor
Plug
Fuel Nossle

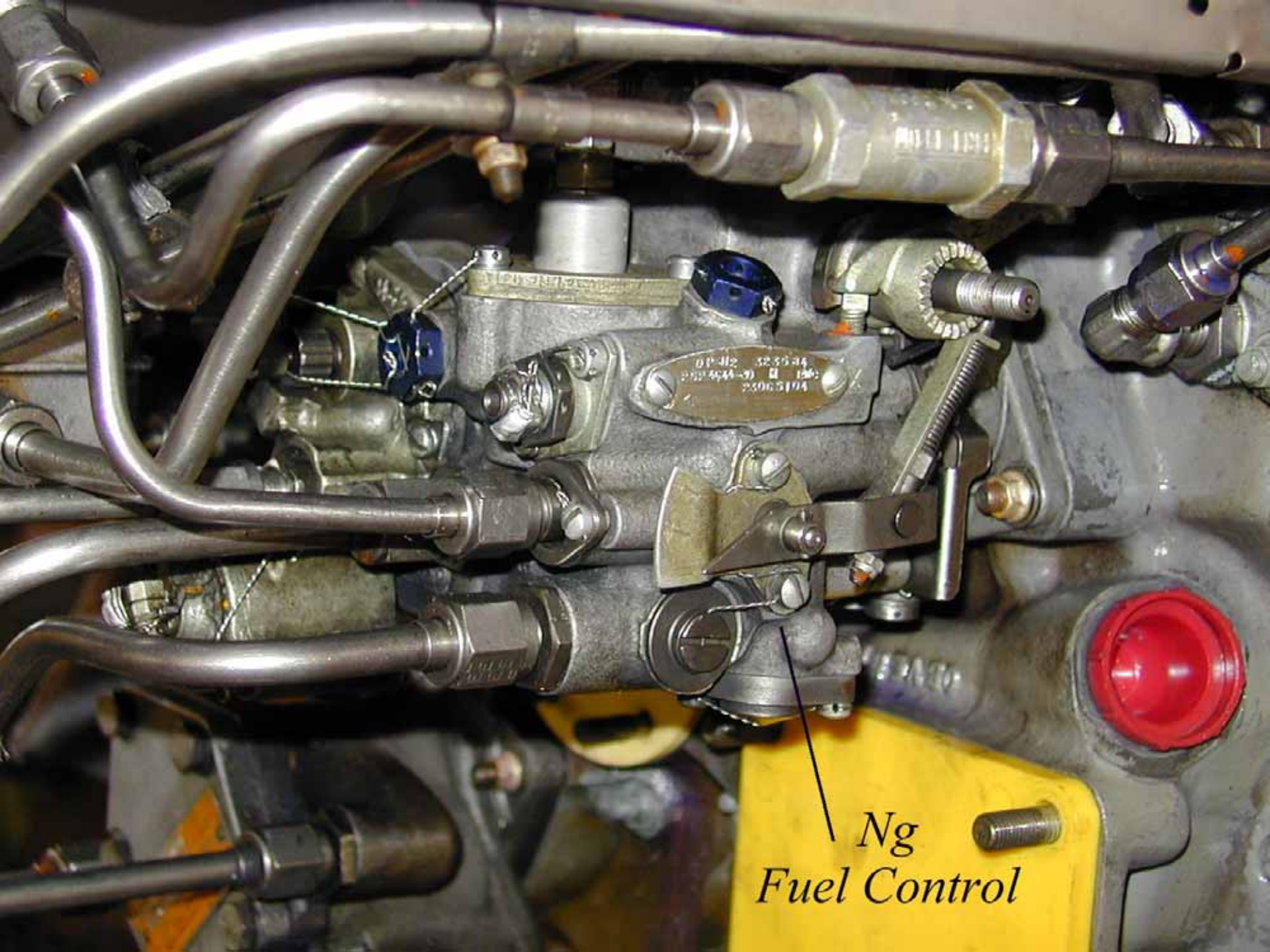
Right Side
Engine Bi-Pod
Mount
Freewheeling Unit
Magnetic
Chip
Detector
Plug
Lower
Engine Mount


Right Side
5TH STAGE BLEED AIR VALVE
ECS AIR LINE
AIRFRAME FUEL FILTER
AFT FIREWALL
AIR TRANSFER TUBE
DIFFUSER SCROLL
HEAT SHIELD
FUEL NOZZLE
ENGINE BIPOD MOUNT
OIL LINES
AIR COND. COMPRESSOR
GENERATOR COOLING SHROUD
STARTER GENERATOR
ACCESSORY GEARBOX
FUEL LINE FROM TANK
FORWARD FIREWALL


Test Button
Airframe Fuel Filter
Fuel In


Anti-Icing Motor
PC Air Filter
Turbine Section
Ignitor Plug
Compressor
Transfer Tube
Droop Compensator Contol Rod
Combustion Section
NF Governor
Accumulators
Linear Actuator
Tail Rotor Drive
Engine Driven Fuel Pump
Exciter Box
Oil Line To Freewheeling Unit From Transmission
Spare Accessory Pad
Left Side


Accumulator
Nf Governor
External
Oil Scavenge
Dual
Check
Valve
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 Rear


Ng
Fuel Control