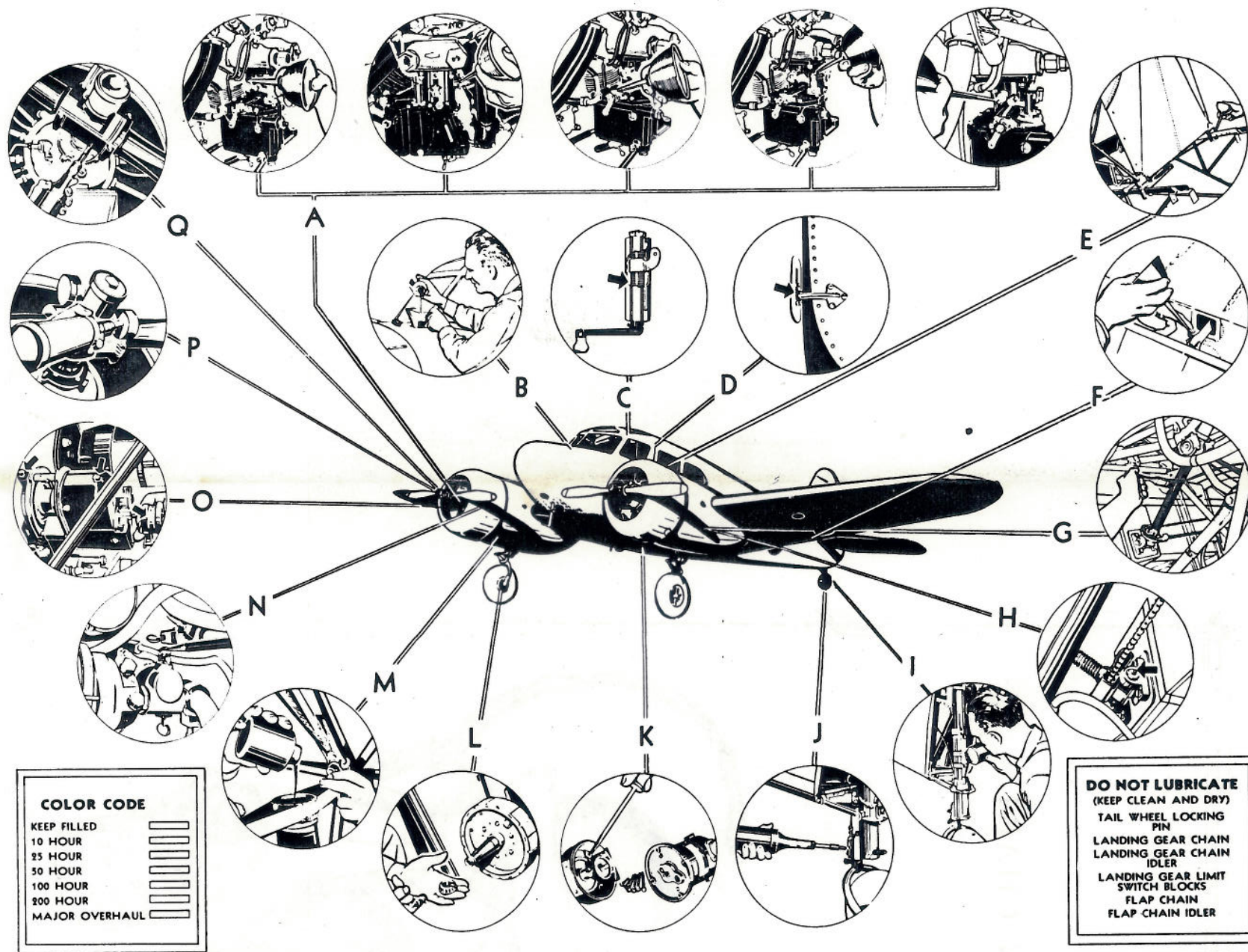


LUBRICATION CHART

For AT17 and UC78 Series Airplanes



COLOR CODE	
KEEP FILLED	▬
10 HOUR	▬
25 HOUR	▬
50 HOUR	▬
100 HOUR	▬
200 HOUR	▬
MAJOR OVERHAUL	▬

DO NOT LUBRICATE
(KEEP CLEAN AND DRY)
TAIL WHEEL LOCKING PIN
LANDING GEAR CHAIN
LANDING GEAR CHAIN IDLER
LANDING GEAR LIMIT SWITCH BLOCKS
FLAP CHAIN
FLAP CHAIN IDLER

POINT OF LUBRICATION	LUB. INTERVAL	TYPE OF LUBRICATION	SUMMER GRADE SPECIFICATION	WINTER GRADE SPECIFICATION
A Throttle Shaft Bearings, Pump and Economizer	25	Oil (S.A.E. No. 10)	VV-O-581	VV-O-581
B Brake Fluid Reservoir	*KEEP FILLED	Oil, Hydraulic — Petroleum Base	AN-VV-O-366	AN-VV-O-366
C Tab Control Gear Box	100	Grease — Low Temperature	AN-G-3	AN-G-3
D Door Hinges	100	Oil (S.A.E. No. 10)	VV-O-581	VV-O-581
E Seat Latch and Roller Mechanism	100	Oil (S.A.E. No. 10)	VV-O-581	VV-O-581
F Flap Screw	10	Graphite in Oil or "Oil Dag" (See Note 1)	GRAPHITE 2-64A IN GRADE 1080 OIL AN-VV-O-446	GRAPHITE 2-64A IN GRADE 1080 OIL AN-VV-O-446
G Landing Gear Screw	50	Graphite in Oil or "Oil Dag" (See Note 1)	GRAPHITE 2-64A IN GRADE 1080 OIL AN-VV-O-446	GRAPHITE 2-64A IN GRADE 1080 OIL AN-VV-O-446
H Landing Gear Screw Yoke	50	Grease — Low Temperature	AN-G-3	AN-G-3
I Tail Wheel Strut Fluid Filler Plug	*KEEP FILLED	Oil, Hydraulic — Petroleum Base	AN-VV-O-366	AN-VV-O-366
J Tail Wheel Fork Spindle Bearing	100	Grease — Lubricating	MED. VV-G-681 OR 3581 GRADE B	MED. VV-G-681 OR 3581 GRADE B
K Flap Motor Gear	MAJOR OVERHAUL	Grease — Lubricating	VV-G-681 SOFT	VV-G-681 SOFT
L Main Landing Wheel, Wheel Bearing	100	Grease — Lubricating	3560-E MEDIUM	3560-E MEDIUM
M Landing Gear Strut Fluid Filler Plug	*KEEP FILLED	Oil, Hydraulic — Petroleum Base	AN-VV-O-366	AN-VV-O-366
N Tachometer, Right Angle Drive Fitting	50	Grease — Graphite	VV-G-671	VV-G-671
O Magneto (See Note 2)	50	Oil (S.A.E. No. 30)	VV-O-496	VV-O-496
P Constant Speed Propeller Counter Weight	25	Grease — High Melting Point	3560-E MEDIUM	3560-E MEDIUM
Q Constant Speed Propeller Spider Hub	50	Grease — Aluminum Soap	3581 GRADE B	3581 GRADE B
R Landing Gear Motor and Gear Mechanism	MAJOR OVERHAUL	Special — See T.O. 03-5CC-1	SEE T.O.	SEE T.O.
S Tail Wheel, Wheel Bearing	200	Grease — High Melting Point	3560-E MEDIUM	3560-E MEDIUM

NOTE 1. Graphite in Oil — Consists of one pound of Graphite Spec. 2-64A in one gallon of Grade 1080 Spec. AN-VV-O-446 Oil.

NOTE 2. Magneto — 20-30 Drops of oil in front cup; 5-8 drops only in rear cup; keep cam wick saturated.

* — Check every 100 hours unless evidence of leakage is discovered.