

## Certified Air Filters

<b>CP-1150</b>
<b>Aeronca</b> - S65, S65CA, 7AC, 7ACA, 7BMC (L-16A) ARMY, 7CCM (6-16B) ARMY, 7DC, 7EC, 7FC, 7JC, 7ECA, 7GCAA, 7GCBC, 7KC, 7KCAB, S7AC, S7CCM, S7DC, S7EC
<b>Aviat</b> - A-1, A-1A, A-1B NO INSTALLATION KIT/ NO STC NEEDED/ Listed on Type Certificate
<b>Cessna</b> - 120, 140, 150, 150A-M, A150K, A150L, A150M, 152, A152
<b>Lucsombe</b> - 8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
<b>Mooney</b> - M10
<b>Piper</b> - J3, J3C-65, J3C-65S, J5A, J5A-80, PA-11, PA-11S, PA12, PA-12S, PA16, PA-17, PA-18, PA-18A, PA-18S, PA-18-105, PA-20-115, PA-20-135, PA-22-108, PA-22-135, PA-22-150, PA-22-160, PA-38-112
<b>Reims (Cessna)</b> - F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, F152, FA152
<b>Taylorcraft</b> - BC-65, BCS-65, BC12-65, BCS12-D1, BC12-65, BC12-D, BCS12D-85, BC12D-4-85, BF-65, BF12-65, BFS-65, DC-65, DCO-65, 19, F19, F21
<b>Tiger Aircraft/Gulstream American</b> - AA-1, AA-1A, AA-1B, AA-1C, AA-5
<b>Univair</b> - A-2, A2A (Forney), F-1, F-1A
<b>Globe/Swift</b> - Swift GC-1A, GC-1B
<b><i>P/N CP-3274 INSTALLATION KIT IS AVAILABLE. USE P/N CP-2402 TO REPLACE GASKET AT ANNUAL</i></b>



<b>CP-1172</b>
<b>Cessna</b> - 170, 170A, 170B, 172, 172A-G, H, I, K, L, M, N, P, Q
<b>Maule</b> - M-4, M-4T, M-4C, M-4S, M-4-180C, M-4-180S, M-4-180T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, MX-7-160, MX-7-180, M-5-120C, M-5-235C, M-5-210TC, M-5-220C, M-6-180, M-6-235, M-7-235
<b>Mooney</b> - M20, M20A, M20B, M20C, M20D, M20G
<b>Reims (Cessna)</b> - F172D, F172E, F172G, F172H, F172K, F172L, F172M
<b>Socata</b> - TB9, TB10
<b><i>P/N CP-3274 INSTALLATION KIT IS AVAILABLE. USE P/N CP-2302 TO REPLACE GAKET AT ANNUAL</i></b>



<b>CP-1174</b>
<b>Beech</b> - C-23, A-24R, B-24R, C24R, B19
<b>Mooney</b> - M20J (201)
<b><i>USE P/N CP-2202 TO REPLACE GASKET AT ANNUAL</i></b>



<b>CP-1175</b>
<b>Mooney</b> - M20K s/n 25-1000 and up
<b><i>SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION</i></b>



<b>CP-1176</b>
<b>Mooney</b> - M20E,F
<b><i>REPLACEMENT GASKET P/N CP-2802</i></b>



<b>CP-1177</b>
<b>Cessna</b> - 177, 177A, 177B, 177RG
<b><i>P/N CP-3276 INSTALLATION KIT IS AVAILABLE. USE P/N CP-1504 TO REPLACE GASKET AT ANNUAL</i></b>



<b>CP-1182</b>
<b>American Champion</b> - 7ECA, 7KCAB, 7GCBC, 7GCAA, 8KCAB, 8GCBC
<b>Bellanca</b> - 14-19-3-A, 17-30
<b>Cessna</b> - 180 (Exception 1953-1955 models), 180A-H, 180J-K, 182, 182A-H, 182J-R, T182T s/n T18208001 and on, 182T s/n 18280945 and on, 185, 185A-E, A185E, A185F
<b><i>P/N CP-3276 INSTALLATION KIT IS AVAILABLE. USE P/N CP-2602 TO REPLACE GASKET AT ANNUAL</i></b>



<b>CP-1944</b>
<b>MOONEY</b> – M20L



<b>CP-1956</b>
<b>Piper</b> - PA28-151, 161
<b><i>REPLACEMENT GASKET P/N CP-2604</i></b>



<b>CP-1958</b>
<b>Socata</b> - Cougar GA-7
<b>Tiger Aircraft</b> - AA-5B
<b><i>SEALING GREAST P/N CPP-99-0704 MUST BE USED AT INSTALLATION</i></b>



<b>CP-1960</b>
<b>Tiger Aircraft</b> - AA-5A



**CP-2003**

**Beech** - 35, A35, B35 s/n D2606 and up, C-G35, 35-33, 35-A33, 35-B33, 35-C33, H35, J35, K35, M35, N35, P35, V35, V35A, V35B, S35, E33 all 225H.P., E33A, F33, F33A, E33C, F33C, G33, 36, A36, A36TC, B36TC, G36, T-34 with STC SA1450SW, A45 (T-34A) with STC SA1864SW, D45 (T-34B) with STC SA1864SW, A45 (B-45) with STC SA1864SW, A45 (B-45) with STC SA1864SW, A45 (T-34A) with STC SA1042GL, D45 (T34B) with STC SA1042GL, A45 (B-45) with STC SA1042GL

**Piper** - PA-28-236 s/n 7311001 thru 7911282

***P/N CP-3276 INSTALLATION KIT IS AVAILABLE. USE P/N CP-2502 TO REPLACE GASKET AT ANNUAL***

**CP-2003 WITH CP-122 GASKET**

**Socata** - TB20, TB21, TB200

***P/N CP-3276 INSTALLATION KIT IS AVAILABLE. USE P/N CP-2502 TO REPLACE GASKET AT ANNUAL. MUST BE ORDERED FROM FACTORY ONLY. ALLOW 2 WEEKS***

**CP-2004**

**Beech** - 95-C55 s/n TE-1 thru TE-451 except TE-50, 95-C55A s/n TE-1 thru TE-451 except TE-50, D55 s/n TE-452 thru TE-492, D55A s/n TE-452 thru TE-492, E55 s/n TE-768 thru TE-1079, E55A s/n TE-768 thru TE-1079, 58 s/n TH1-TH-740

***NO SEALING GREASE OR GASKET REQUIRED FOR THIS APPLICATION***

**CP-2005**

**Beech** - E55 s/n TE-1079 and on, E55A s/n TE-1079 and on, 58 s/n TH-741 and on, 58A s/n TH-741 and on, G58

***NO SEALING GREASE REQUIRED FOR THIS APPLICATION***



<b>CP-2010</b>
<b>Waco - UPF-7</b>
<b><i>SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION</i></b>



<b>CP-2055</b>
<b>Beech - 55, A55, B55</b>
<b><i>REPLACE SEAL AT ANNUAL WITH P/N CP-1505</i></b>



<b>CP-2100</b>
<b>Rockwell Commander - 100-180, 112, 112B</b>



<b>CP-2175</b>
<b>Cessna - 175, 175A-C</b>
<b>Great Lakes - 2T1A-1, 2T1A-2</b>
<b>Cessna - P172K</b>
<b><i>CP-3274 INSTALLATION KIT IS AVAILABLE. USE P/N CP-2775 TO REPLACE GASKET AT ANNUAL</i></b>



**CP-2180**

Cessna - 180 (1953-1955) s/n 30000 thru 32150

***NO GASKET REQUIRED FOR THIS  
INSTALLATION***

**CP-2182**

Cessna - R182, TR182, T182

Reims (Cessna) - FR182

***USE GASKET P/N CP-2782 AT ANNUAL. USE P/N  
CP3278 INSTALLATION KIT.***

**CP-2206**

Cessna - U206A-G, P206, P206A-E, 207A, 210D-M,  
210N (thru s/n 21064535 w/o air cond.), 210K, 210L  
s/n 59200 thru 61039

***NO GASKET REQUIRED FOR THIS  
INSTALLATION***

**CP-2207**

Cessna - TP206A, TP206B, TP206C, TP206D,  
TP206E, TU206A, TU206B, TU206C, TU206D,  
TU206E, TU206F, TU206G, T207A, T210F, T210G,  
T210H, T210J, T210K, T210L, T210M, T210N

***USE GASKET P/N CP-2907 AT ANNUAL.***

**CP-2210**

Cessna - 205, 205A, (210-5A), 210A, 210B, 210C,  
310A, 310B, 310F, 310G, 310H, 310J, 310K, 310L

***SEALING GREASE P/N CP-99-0704 MUST BE  
USED AT INSTALLATION***



**CP-2295**

**Beech** - 95, B95, B95A, D95A, E95

**SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION**



**CP-2500**

**Rockwell Twin Commander** - 500A, B, U, 560F, 500S, 680F, 680FL, 680FL (P)



**CP-3110**

**Piper** - PA-23-150, PA-23-160, PA-24-180 S/N 1 to 1476

**USE GASKET P/N CP-2710 AT ANNUAL FASTENER KIT NOT AVAILABLE AT THIS TIME**



**CP-3202**

**Piper** - PA-31-300, PA-31-310, PA-31-325, PA-31-350, PA-32RT-300T

**SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION**



**CP-4422**

**Robinson** - R-44 II

**SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION**





**CP-4423**

**Cessna** - A188 s/n T18802349 AND UP

**Enstrom Helicopter** - F28A

**Piper** - PA23-250 (except LYC Turbo), PA-E23-250  
s/n 27-2505 and up, PA32-300 with LYC  
IO-540-K1A5 s/n 40000 thru 32-7540198

**SEALING GREASE P/N CP-99-0704 MUST BE  
USED AT INSTALLATION. SOME AIRCRAFT  
MAY NEED A COVER GASKET ON THE AIRBOX  
LID P/N CP-2423**



**CP-5502A**

**Air Tractor** - AT-502A, AT -602

**THESE FILTERS ARE SOLD IN A KIT ONLY  
WHICH INCLUDES 2 FILTERS, 2 EXTRA  
GASKETS AND 1 RECHARGER KIT**



**CP-5502**

**Air Tractor** - AT-402/502/502B/503A

**THESE FILTERS ARE SOLD IN A KIT ONLY  
WHICH INCLUDES 2 FILTERS, 2 EXTRA  
GASKETS AND 1 RECHARGER KIT**



**CP-5802**

**Air Tractor** - AT-802, AT-802A

**THESE FILTERS ARE SOLD IN A KIT ONLY  
WHICH INCLUDES 2 FILTERS, 2 EXTRA  
GASKETS AND 1 RECHARGER KIT**





<b>CPE-1040</b>
<b>Grumman</b> - Ag Cat G164B
<b>Piper</b> - PA28R-180, PA28R-200, PA28-200T, PA28-201, PA28RT-201, PA-30, PA34-200, PA39, PA44-180, PA44-180T
<b>SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION. OPTIONAL GASKET FOR INSIDE AIRBOX COVER FOR CERTAIN PIPERS P/N CP-2702</b>



<b>CPE-1104</b>
<b>Robinson</b> - R-22
<b>SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION</b>



<b>CPE-1151</b>
<b>Cessna</b> - T310R, 402B s/n 801 and on all aircraft with MOD 402-27, 421, 421A-C
<b>Piper</b> - PA-18 s/n 18-6964 and up O-320



<b>CPE-1173</b>
<b>Cessna</b> - 172R, S
<b>SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION</b>



<b>CPE-1178</b>
<b>Cessna</b> - R172K, 337A-H
<b>Cirrus</b> - SR-20, SR-22 - <i>This filter comes with a spacer CPE-0123 with an I.D. of 2.450" for a plastic intake manifold for the Cirrus SR-22 or a CP-0123-3 spacer that has a 3" I.D. for the Cirrus SR-22 with a metal intake manifold. The spacer has a gasket CP2902 that should be replaced at annual.</i>
<b>Maule</b> - M-4-210, M-4-210C, M-4-210S, M-4-210T, M-5-210C
<b>NO SEALING GREASE REQUIRED FOR THIS APPLICATION</b>



<b>CPE-1179</b>
<b>Mooney</b> - M20M, M20R, M20S
<b>SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION</b>



<b>CPE-1202</b>
<b>Cessna</b> - 182S s/n's >18280001 thru 18280944
<b>SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION</b>



<b>CPE-1220</b>
<b>Robinson</b> - R-44
<b>SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION</b>



<b>CPE-1957</b>
<b>Aero Commander</b> - A-9, A9A, A9B
<b>Aeronca</b> - 7GC, 7GCA, 7HC, 7GCB, 7GCB, 7KC
<b>Beech</b> - A23A, A23, A23-24, B23, 23
<b>Bellanca</b> - 17-30A
<b>Brantley</b> - B2B
<b>Britten Norman (Islander)</b> - BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-26, BN-2B-27
<b>Lavia S.A.</b> - PA25, PA25-235, PA25-260 (prior to s/n 1477)
<b>Piper</b> - PA23-235A, PA23-235B, PA23-250, PA24 s/n 1479 and up, PA24-180 s/n 1477 and up, PA24-250 s/n 1477 and up, PA24-260, PA25-150, PA25-235, PA25-260 prior to s/n 1477, PA28-140, PA28-150, PA28-160, PA28-180, PA28-181, PA28R-201T, PA28RT-201T, PA28-235, PA32-260, PA32-300 s/n 32-7640001 and up, PA32R-300, PA32RT-300, PA32R-301, PA34-200T, PA34-220T, PA36
<b>SEALING GREASE P/N CP-99-0704 MUST BE USED AT INSTALLATION. SOME AIRBOX LIDS MAY NEED A COVER GASKET P/N CP-2102</b>



**CPE-2178**

**Cirrus - SR-22 with STC SA10925SC**

***ORDER DIRECTLY FROM FACTORY***



**CPE-2310**

**Cessna - 310, 310N, 310P, 310Q, T310P, T310Q, 401  
s/n 0145 and on, 401A, 401B, 402  
s/n 0145 and on, 402A, 402B s/n 0001 to s/n 0800  
except aircraft with MOD 402-27, 414, 414A**

***SEALING GREASE P/N CP-99-0704 MUST BE  
USED AT INSTALLATION***



**CPE-2340**

**Cessna - 340, 340A, 402C, 414, 414A**

***SEALING GREASE P/N CP-99-0704 MUST BE  
USED AT INSTALLATION***



**CP-99-5050 Recharger Kit**

Used to clean and recharge filters.



**CP-99-0704 Sealing Grease**

Used with some applications w/o frames at installation for better sealing.



## Certified Oil Filters

<b>CP-48103C</b>
<b>Lycoming</b> - O-320, IO-320, O360, IO-360, LO-360, TO-360, HIO-360, LTO-360, LHIO-360 Series
<b>REPLACES</b> - <i>CH48103-1</i>
<b>CP-48104C</b>
<b>Lycoming</b> - O-320, IO-320, O360, IO-360, LO-360, TO-360, HIO-360, LTO-360, LHIO-360 Series
<b>REPLACES</b> - <i>CH48104-1</i>



<b>CP-48108C</b>
<b>Continental</b> - 6-285, IO-346, IO-360, TSIO-360, O-470, IO-470, LIO-470, TSIO-470, IO-520, TSIO-520, GTSIO-520, LTSIO-520, IO-550 Series
<b>REPLACES</b> - <i>CH48108-1</i>
<b>CP-48109C</b>
<b>Continental</b> - 6-285, IO-346, IO-360, TSIO-360, O-470, IO-470, LIO-470, TSIO-470, IO-520, TSIO-520, GTSIO-520, LTSIO-520, IO-550 Series
<b>REPLACES</b> - <i>CH48109-1</i>



<b>CP-48110C</b>
<b>Lycoming</b> - O-235, IO-235 Series LIO-320, AIO-320, AEIO-320, O360, IO360, AIO-360, HIO-360, LIO-360, TIO-360, LHIO-360, AEIO-360, O-540, IO-540, HIO-540, TIO-540, AEIO-540, LTIO-540, TIO-541, IO-580, IO-720 Series
<b>REPLACES</b> - <i>CH48110-1</i>
<b>CP-48111C</b>
<b>Lycoming</b> - O-235, IO-235 Series LIO-320, AIO-320, AEIO-320, O360, IO360, AIO-360, HIO-360, LIO-360, TIO-360, LHIO-360, AEIO-360, O-540, IO-540, HIO-540, TIO-540, AEIO-540, LTIO-540, TIO-541, IO-580, IO-720 Series
<b>REPLACES</b> - <i>CH48111-1</i>



<b>CP-158-C</b>
<b>Porsche</b> – PFM3200NO1, PFM3200NO3
<b>REPLACES</b> – 933.107.764.04, Maule OC-158



<b>CP-9124-C</b>
<b>Rotax</b> – 912 F2, 912 F3, 912 F4, 912 S2, 912 S3, 912 S4, 914 F2, 914 F3, 914 F4
<b>REPLACES</b> - 825-706



# Windssocks and Windssock Frames

**Windssock Frame**



**18X8 Windssock**



**18X5 Windssock**



**Our windssocks are made with durable material, nylon reinforced and bright orange. They are 25 knot socks.**

**Our frames have life lubricated nylon bearing. Pole is not included.**

**Challenger has been making windssocks for 35 years.**

# Tools

**CP-102 Torque Wrench Adapter**



**CP-103 Torque Wrench Adapter**



**CP-104 Torque Wrench Adapter**



**CP-105 Torque Wrench Adapter**

