

- PICK LIST -

CUSTOMER: _____

Engine Type: _____

| PART NO: | DESCRIPTION | QTY | SHIPPED | BACK-ORDERED |
|---|---|------------|----------------|---------------------|
| SEC. A *** ENGINE MOUNT *** | | | | |
| 750-SD/O360 | DYNAFOCAL ENGINE MOUNT (fits O-360, IO-375 & IOX-370 | 1 | [] | [] |
| 94150-01 | SHOCK MOUNTS (VIP-5040-2-5) | 4 | [] | [] |
| AN4-6A | BOLT (TOP ENGINE MOUNT) | 2 | [] | [] |
| 20-F-18-4/3 | BOTTOM & MIDDLE BOLTS THRU FIREWALL (With plate welded to head) AN6 | 4 | [] | [] |
| AN7-34 | BOLT(engine to mount) | 4 | [] | [] |
| AN960-416 | WASHER 1/4" | 2 | [] | [] |
| AN960-616 | WASHERS 3/8" | 4 | [] | [] |
| AN960-716 | WASHERS 7/16" | 8 | [] | [] |
| AN365-428 | SL NUTS 1/4" | 2 | [] | [] |
| AN365-624 | SL NUTS 3/8" | 4 | [] | [] |
| AN310-7 | CASTLE NUTS 7/16" | 4 | [] | [] |
| AN380-3-3 | COTTER PINS 1/8" (MS24665-283) | 4 | [] | [] |
| SEC. B *** COWLING *** | | | | |
| 801- IO | FIBERGLASS TOP & BOTTOM ENGINE COWL (3-Holes) (wide cowl for fuel injection) | 1 | [] | [] |
| SEC. C ***OIL DOOR- COWL FASTENERS *** | | | | |
| MS21075L3 | 10-32 FLOATING NUTPLATE (COWLING FASTENERS) | 24 | [] | [] |
| AN525-10R8 | SCREWS (COWLING FASTENERS) | 24 | [] | [] |
| 116-108 | BRASS GROMMETS | 24 | [] | [] |
| 116-208 | BRASS SHEET WASHER | 24 | [] | [] |
| AJW5-40 | DZUS FASTENER (OIL DOOR) | 1 | [] | [] |
| S5A-225 | DZUS SPRING (OIL DOOR) | 1 | [] | [] |
| A3 | RIVETS FOR MS21075L3 | 48 | [] | [] |
| 640-E-11-9 | OIL DOOR (ON COWLING) 360-OD | 1 | [] | [] |
| 640-E-11-10 | HINGE l=140mm (OIL DOOR on COWLING) | 1 | [] | [] |
| SEC. D *** MUFFLER *** | | | | |
| 640-M-91-1/0 | 1 Piece Exhaust System O-360 | 1 | [] | [] |
| 640-M-91-3/1 | Flanged Tube Assembly | 4 | [] | [] |
| 20-M-91-4/0 | Muffler clamp | 8 | [] | [] |
| AN3-4A | Bolt | 16 | [] | [] |
| MS21045-3 | STEEL S.L. Nut | 16 | [] | [] |
| AN960-10 | Washer | 32 | [] | [] |

SEC. E * OIL COOLER *****

| | | | | |
|------------|--|----|-----|-----|
| 4211 | POSITECH OIL COOLER (or equivalent) | 1 | [] | [] |
| 360-OCB | OIL COOLER MOUNTING BRACKET (welded assembly) + bent bracket | 1 | [] | [] |
| AN3-4A | BOLT (bolt the bent bracket to welded bracket on oil cooler bracket 360-OCB) | 4 | [] | [] |
| AN3-41A | BOLT (to bolt oil cooler to mounting bracket 360-OCB) | 6 | [] | [] |
| AN365-1032 | SL NUTS 3/16" | 10 | [] | [] |
| AN960-10 | WASHER 3/16" | 10 | [] | [] |
| TU-SP | TUBE SPACER (Ref. Positech IMPORTANT NOTICE) | 6 | [] | [] |
| SA-1 | 92620A537, GR. 8 HEX CAP SCREW ¼-20X1/2" with Internal Tooth Lock Washers (tapped holes in engine block) | 2 | [] | [] |
| MS-2378P | 90280A242, 10-24 ½" MACHINE SCREW, with internal tooth lock washer | 1 | [] | [] |
| AN822-8-8D | OIL COOLER ELBOW (screwed to oil cooler) | 2 | [] | [] |
| 303-8 | OIL LINE (1/2" I/D), length =4FT | 2 | [] | [] |
| 210-8 | HOSE SOCKET | 4 | [] | [] |
| 251-8 | STEEL MANDREL | 4 | [] | [] |
| 290-8 | STEEL NUTS | 4 | [] | [] |

SEC. F * BAFFLE KIT *****

| | | | | |
|------------|--------------------|---------|-----|-----|
| 801-XB-1-2 | FRONT RIGHT BAFFLE | 1 | [] | [] |
| 801-XB-1-3 | FRONT LEFT BAFFLE | 1 | [] | [] |
| 801-XB-1-4 | REAR RIGHT BAFFLE | 1 | [] | [] |
| 801-XB-1-5 | REAR LEFT BAFFLE | 1 | [] | [] |
| 801-XB-1-6 | FRONT RIGHT BAFFLE | 1 | [] | [] |
| 801-XB-1-7 | FRONT LEFT BAFFLE | 1 | [] | [] |
| 801-XB-1-8 | O/B BOTTOM BAFFLE | 1L + 1R | [] | [] |
| 801-XB-1-9 | I/B BOTTOM BAFFLE | 1L + 1R | [] | [] |
| 801-XB-1-A | REAR RIGHT BAFFLE | 1 | [] | [] |
| 801-XB-1-B | CENTER REAR BAFFLE | 1 | [] | [] |
| 801-XB-1-C | REAR LEFT BAFFLE | 1 | [] | [] |

SEC. G**** BAFFLE ACCESSORIES *****

| | | | | |
|------------|---|-----|-----|-----|
| STD1925 | SLOTTED SCREWS w/ TOOTH LOCKING WASHERS (to attach baffles to cylinder heads) | 8 | [] | [] |
| B-654 | BAFFLE SPRING (bottom of baffles) | 4 | [] | [] |
| 05-00775 | 2" X 10' BAFFLE SEAL TAPE | 1 | [] | [] |
| AN960-6 | 1/8" ID FLAT WASHERS (between rivet end and baffle tape,90107A005) | 100 | [] | [] |
| 20-M-30-10 | 1/8" plastic bearing material (front baffle with cowl, N66) | 2 | [] | [] |
| 376 | 5mm Wire Seal, 3 Wire | 2 | [] | [] |
| AN3-4A | Bolts (for #376 Wire Seals) | 4 | [] | [] |
| AN365-1032 | SL NUTS 3/16" | 4 | [] | [] |
| AN960-10 | WASHER 3/16" | 4 | [] | [] |
| A4 | RIVETS | 100 | [] | [] |

SEC. H***** MIXTURE CONTROL *****

| | | | | |
|------------|---|----------|-----|-----|
| 05-08160 | MIXTURE CABLE VERNIER CONTROL, 5' | 1 | [] | [] |
| TS17R-12 | LOOP-TYPE CUSHIONED CLAMP | 1 | [] | [] |
| AN742-D4 | ALUMINUM CLAMP | 1 | [] | [] |
| AN3-4A | BOLT (bolt the clamps together) | 1 | [] | [] |
| 360-04 | AN4-5A SHAFT DRILLED w/5-64" HOLE w/SL NUT WASHER (bolt type terminal to connect end of wire) | & 3 1 | [] | [] |
| AN365-1032 | SL NUTS 3/16" | 1 | [] | [] |
| AN960-10 | WASHER 3/16" | 1 | [] | [] |

SEC. I***** THROTTLE CONTROL *****

| | | | | |
|------------|--|---|-----|-----|
| 05-08660 | THROTTLE CABLE, FRICTION LOCK CONTROL (5ft) | 1 | [] | [] |
| 1-942-000 | CLEVIS FORK END, 10-32 FEMALE THREAD (supplied with clevis pin, washer and cotter pin) | 1 | [] | [] |
| TS17R-12 | LOOP-TYPE CUSHIONED ALUMINUM CLAMP | 1 | [] | [] |
| AN472-D4 | ALUMINUM CLAMP | 1 | [] | [] |
| AN3-4A | BOLT W/ SL NUT & WASHER (bolt the clamps together) | 1 | [] | [] |
| AN365-1032 | SL NUTS 3/16" | 1 | [] | [] |
| AN960-10 | WASHER 3/16" | 1 | [] | [] |

SEC. J * FUEL PUMP VENT / CRANKCASE BREATHER *****

| | | | | |
|----------|--|---|-----|-----|
| 969-4A | 90 DEG ELBOW 1/8" PIPE NPT (screw in back of fuel pump) | 1 | [] | [] |
| HH-12 | 3/4" BREATHER HOSE 1200mm fuel pump vent | 1 | [] | [] |
| 20-P-6-3 | BREATHER TUBE 3/4 x .035 WALL 200mm | 1 | [] | [] |
| 487-4 | 1/4" POLY TUBE - FUEL PUMP VENT (Length = 3ft) | 1 | [] | [] |
| TS17R-12 | ADEL CLAMP | 1 | [] | [] |
| HAS-10 | HOSE CLAMPS | 2 | [] | [] |

SEC. K * PROPELLER & SPINNER*****

| | | | | |
|------------|---|---|--------------------|--|
| 76EM8-O-54 | SENENICH METAL PROPELLER with PROP BOLT KIT AN6H | 0 | No Longer Included | |
| ZLYC-14 | SPINNER ASSEMBLY (UHS composite 14" SAE-2) | 0 | No Longer Included | |

SEC. L * FUEL LINES*****

| | | | | |
|------------|---|---|-----|-----|
| 20-E-4-3/9 | 90 DEGREE fitting through firewall | 1 | [] | [] |
| 126-6B | Female FITTING - STRAIGHT 1/4" NPT PIPE to BARRED 3/8 HOSE I/D (firewall fitting 20-E-4-3/9) | 1 | [] | [] |
| HAS-10 | HOSE CLAMP (for 126-6B) | 1 | [] | [] |
| 303-6 | Fuel line (length = 4ft) | 1 | [] | [] |
| AE102-12 | Fire sleeve (length = 4ft) | 1 | [] | [] |
| 210-6 | HOSE SOCKET | 6 | [] | [] |
| 251-6 | STEEL MANDREL | 6 | [] | [] |
| 290-6 | STEEL NUTS | 6 | [] | [] |
| RB-147 | Grommet (through rear right baffle) | 1 | [] | [] |
| S3620-4A | O-RING CONNECTOR 7/16"-20 to 1/4" NPT (mechanical fuel pump) | 1 | [] | [] |
| X115-A | 90 deg ELBOW male-female 1/8"NPT (mechanical fuel pump) | 1 | [] | [] |

SEC. M * AIR INTAKE with ALTERNATE AIR SOURCE *****

Select one {

| | | | | |
|------|---|---|-----|-----|
| M-1 | LOWER INTAKE CHANNEL | 1 | [] | [] |
| M-2* | TOP COVER (steel) – *Predrilled for Aero Sport Power IO-375, or | 1 | [] | [] |
| M-2* | TOP COVER (steel) – *Un-drilled for Titan IOX-370 | 1 | [] | [] |
| M-3 | TOP FRONT | 1 | [] | [] |
| M-4 | TOP SUPPORT BRACKET | 1 | [] | [] |
| M-5 | SIDE DOUBLER | 2 | [] | [] |
| M-6 | ALTERNATE AIR SOURCE BRACKET (steel) | 1 | [] | [] |
| M-7 | MIXTURE BRACKET (steel) | 1 | [] | [] |
| M-8 | CABLE END – MIXTURE CABLE welded ass. 5/16 tube with star washer + nut | 1 | [] | [] |

| | | | | |
|--------------|--|----|-----|-----|
| 360-PG | PAPER GASKET (flange to CARB BODY) | 1 | [] | [] |
| 20-M-33-17 | BEARING PLATE (3 pre-drilled holes for bearing B56) | 2 | [] | [] |
| 20-M-33-18 | ENGINE BOLT (DRILLED HEAD COURSE THREADS ¼-20 (carb box to carburetor) MS20074-0403 | 4 | [] | [] |
| 20-M-35-10 | DRILLED BOLT (3/16") with WASHER & S.L. NUT | 2 | [] | [] |
| 20-P-5-4 | LEVER (welded steel with 2 predrilled holes) | 1 | [] | [] |
| 20-P-5-7 | FLAPPER (formed) | 2 | [] | [] |
| 20-P-5-8 | FLAPPER ROD (steel tube with 3 pre-drilled holes) | 1 | [] | [] |
| 20-E-8-5 | CABLE END w. star washer + nut (for cable P/N 05-14072) | 1 | [] | [] |
| BA-5110 | AIR FILTER AND MOUNTING BRACKET ASSEMBLY (box) | 1 | [] | [] |
| 05-14072 | A-740 PUSH PULL CABLE | 1 | [] | [] |
| B56 | BEARINGS | 2 | [] | [] |
| LB-200 | BAFFLE TAPE, width = 2" length= 210mm | 1 | [] | [] |
| AS-5 | STAINLESS STEEL RIVETS | 50 | [] | [] |
| NAS1096-2-12 | SCREWS | 4 | [] | [] |
| AN3-3A | BOLT | 16 | [] | [] |
| AN3-4A | BOLT | 4 | [] | [] |
| AN3-6A | BOL T | 4 | [] | [] |
| AN960-8 | WASHERS | 4 | [] | [] |
| AN960-10 | WASHERS 3/16" | 20 | [] | [] |
| AN960-516 | WASHER 5/16" | 2 | [] | [] |
| MS21045-3 | NUTS | 20 | [] | [] |
| MS21045-08 | NUTS | 4 | [] | [] |
| 801- IO -M | ASSEMBLY DRAWING (1 page) | 1 | [] | [] |

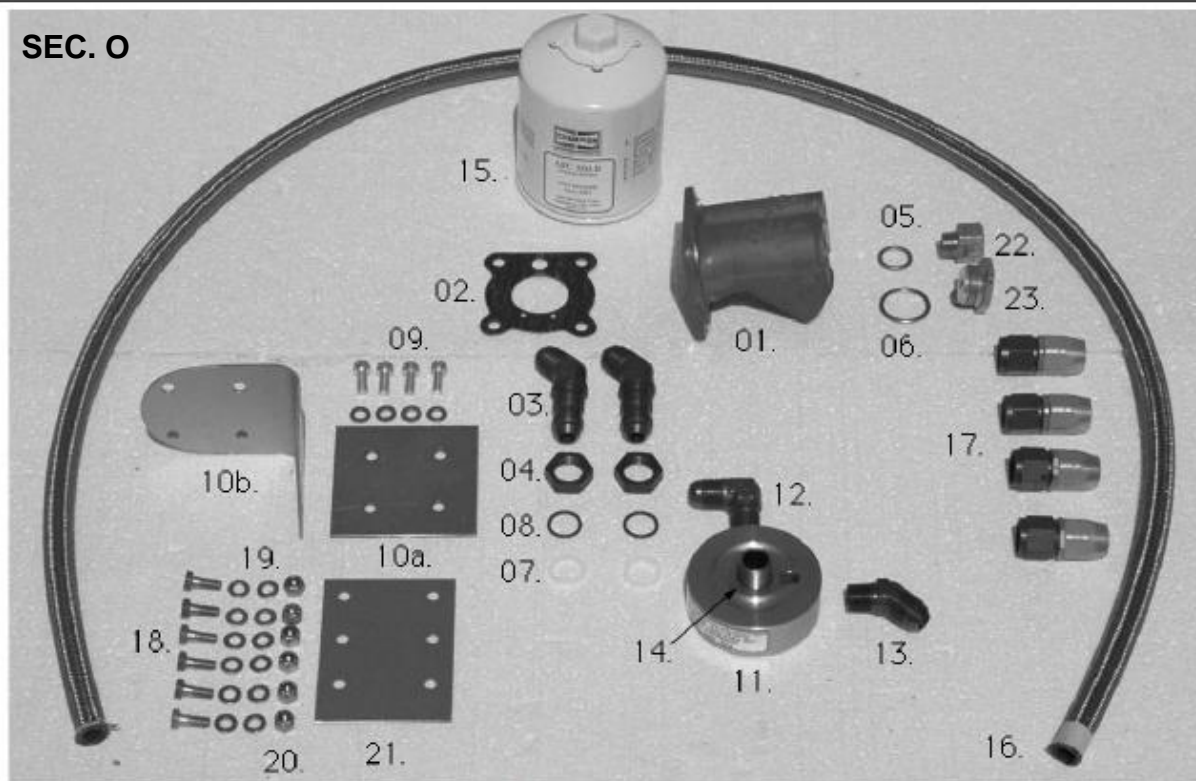
SEC. O * REMOTE OIL FILTER *** (REQUIRED for the STOL CH 750-SD)**

| | | | | |
|----------|--|---|-----|-----|
| AFC-K001 | AIRWOLF OIL FILTER KIT See separate Packing List for detailed contents (Page 6) | 1 | [] | [] |
| 303-8 | Hose (½" ID) L=30" (cut as needed) | 1 | [] | [] |
| 491-80 | Hose fittings | 4 | [] | [] |
| | | | [] | [] |

SEC. N * CABIN HEAT OPTION – sold separately *****
 These items only supplied with FWF if the Option has been ordered. [] []
 See "Section N" Packing List for detailed contents.

NOTE: The above FWF Package can be used to install the **Aero Sport Power IO-375** or the **Titan IOX-370** onto the Super-Duty STOL CH 750-SD airframe. Package does not include "useables" or sensors, electrical wire or connectors to install customized engine instrumentation.

SEC. O



Oil Filter Kit AFC-K001

Applicability:

Homebuilt Aircraft using Lycoming O-235, 290, 320, 340, 360 & 540
Engines using the Lycoming P/N 69510, 68974, or 62815 4-bolt
oil screen housings.

First Release 06/08/84

NEW

Parts List No. AFC-K001-PL

| <u>Index</u> | <u>Part Number</u> | <u>Description</u> | <u>Quantity</u> |
|--------------|---|--|-----------------|
| 01. | LYC-10 | Adapter- Engine, Full Flow | (1) |
| 02. | 61173 | Adapter Base Gasket | (1) |
| 03. | AN837-8D | Bulkhead Fitting, 45° | (2) |
| 04. | AN6289-8D | Bulkhead Nut | (2) |
| 05. | MS35769-11 | Gasket, Oil Temperature Sensor | (1) |
| 06. | MS35769-21 | Gasket, Thermostatic Valve | (1) |
| 07. | MS28773-08 | Boss Gasket | (2) |
| 08. | MS9387-08 | "O" Rings | (2) |
| 09. | AN4H-4A | Bolt, Drilled Head | (4) |
| 10a. | OFM-10 | Oil Filter Mount, Horizontal | (1) |
| 10b. | OFM-11 | Oil Filter Mount, Vertical | (1) |
| 11. | OFB-10 | Oil Filter Base | (1) |
| 12. | MS20822-8D | Fitting, 90° | (1) |
| 13. | MS20823-8D | Fitting, 45° | (1) |
| 14. | OFS-10 | Oil Filter Stud | (1) |
| 15a. | AFC-500 | Oil Filter, or Equivalent [Champion CH48108] | (1) |
| 15b. | AFC-600 | Oil Filter, or Equivalent [Champion CH48109] | (1) |
| 16. | F13000008-Ozzy | Titeflex Teflon Hose, -8 [Insert Length in inches at end of P/N] | (OPT) |
| 17. | Note: Hoes ends will be swaged onto end of hose at the factory. | | |
| 18. | AN4-5A | Bolts | (6) |
| 19. | AN960-416 | Flat Washers | (16) |
| 20. | MS20365-428A | Locknuts | (6) |
| 21. | DBL-10 | Doublers Plate | (1) |
| 22. | OTA-527 | Oil Temp Adapter (Optional) | (1) |
| 23. | CAP-1350 | Bypass Valve Cap (Optional) | (1) |
| 24. | 56707 | Loctite 271® Thread Sealant | (1) |
| 25. | AFC-K001-II | Installation Instructions, Homebuilt | (1) |
| 26. | AFC-K001-MI | Instructions for Continued Airworthiness | (1) |
| 27. | AFC-K001-PL | Parts List | (1) |