

Printed & Technical Information Available from the **CUB CLUB**

1002 Heather Lane, Hartford, WI 53027 262-966-7627 info@cubclub.org Fax 262-966-9627

Note: No refunds, exchanges, or returns on paperwork or blueprints.

Name: _____ Member # _____

Address: _____

City / State / Zip or Postal Code: _____

Country: _____ Day Phone: _____ Evening Phone: _____

Email: _____ Fax: _____ Check here if you are a new member:

Piper Year: _____ Model: _____ Serial #: _____ Registration (N) #: _____

Check One: Flying: Project: Modifications: _____

Shipping and Handling Rates for orders (Dues are exempt): _____ Sub Total (orders) _____

For U.S. orders:

- For orders \$15 and under, **add \$5**
- For orders **between \$16 - \$40 add \$7**
- For orders **between \$41 - \$75 add \$9**
- For orders **between \$76 - \$100 add \$15**
- For orders **over \$100 add \$20**

S & H _____

For foreign orders including Canada: Airmail costs will be added.

Sales Tax (5.6%) _____

Membership Dues CUB CLUB (includes 6 bi-monthly issues of the <i>Cub Clues</i> newsletter) Dues are exempt from S&H & Sales Tax	
U.S. with FIRST CLASS Mailing -----	\$35.00 _____
Canada (Visa, MasterCard, & Discover or U.S. cash only. Checks or money orders no longer accepted)-	\$40.00 _____
Foreign (Visa, MasterCard, & Discover or U.S. cash only. Checks or money orders no longer accepted)	\$40.00 _____

Total Amount _____

Visa, MasterCard, and Discover accepted. Make checks payable to: CUB CLUB. No Foreign checks. Mail to: CUB CLUB, 1002 Heather Lane, Hartford, WI 53027-9045. 262-966-7627. Fax 262-966-9627.

Credit Card # _____ 3 digit Verification # _____ Expiration date ____/____/____
Credit card statement will show a charge from Half Fast Aviation LLC. MM YYY

Print Name as on Card: _____ Signature: _____

Circle items ordered directly on this form.

General

Inspection checklists:

- For J3 \$5
- For E2, J2, J4, J5 \$5
- For PA12 & PA14 \$5
- For PA18 \$5
- Piper Inspection checklist: J2 through PA-17 \$10
- Piper Inspection checklist: PA-18 & PA-18A \$5
- STC List for all long wing fabric Pipers \$15
- AD List for all long wing fabric Pipers \$15
- Alaska-derived STC & 337 list (to 1986) \$10
- Tail decals for models J3, J4, J5, PA-12, & PA-18 See Membership Form
- Float plane flying technique \$10
- Float plane ramp, photos, plans, text to make your own \$10
- Tail wheel ski plans \$10
- Ski fitting attach methods, parts list, prices (from Federal) \$15
- Scott Service Bulletin for Master Brake Cylinders \$5
- Manual for Goodrich wheels & expander-tube brakes \$10
- Bodell wheels & brakes STCs (J3, J5, PA-12 & -14, PA-18) -
 includes installation instructions \$15
- Treatise on Scott/Maule tailwheel problems & their cure \$10

- Plans for shock cord installation tool on shock struts - no welding \$10
- 337/instructions for installing Airglass 4" wheel adapters
 for tundra tires - J3 - PA18 \$10
- Whittaker Tandem Gear manual & 337 for J3/PA-11/PA-18 \$10
- Pattern for making stencil for 24" numbers/letters for wing \$10
- Plans for making leading edge jig - using wood \$10
- FAA Advisory Circular for flying w/door removed \$5
- FAA letter approving Microair 720 transceiver in certified aircraft \$5
- FAA Memo on owner-produced parts \$5
- Aircraft-assembled-from-parts forms \$5
- Book, photocopy: Private Flying Today &
 Tomorrow by William. Piper, Sr. \$20
- How to Fly a Piper Cub - color reproduction - (1946) \$15
- Booklet, photocopy: Piper Aircraft in War & Peace (1944) \$15
- Book, photocopy of 1950 children's book:
The Flying Sunbeam (airline pilot taking son for a Cub ride) \$10
- How to Organize a Flying Club, circa 1946 \$5
- How to Sell Piper Cubs, circa 1945 - Piper Salesman brochure \$10
- Edo 1140, 1320, 1400 & 89-2000 illustrated parts list \$15
- Edo Float Manual installation, maintenance, repair, etc \$15
- Diploma for solo in Piper Cub, 8.5" x 11" on yellow paper \$10
- 337/FA for C90-12 & two 12 gal wing tanks only, in a PA-15 \$10

Engines & Accessories

A40 Series 2, 3, 4, & 5 Operators, Overhaul & Parts Manual includes tech info on carbs & mags..... \$25

1941 Operator's Handbook, Overhaul Manual & Parts Manual for A50 - including "up" exhaust, A65, A75, A80. This manual includes info on overhaul of fuel injector, Stromberg carb, & Bendix SF4 mags..... \$25

Postwar A50, A65, A75, & A80 Operation, Maintenance, & Overhaul Instructions & Parts List. Includes Stromberg NAS3A1, Bendix SF4, & Wilcox-Rich hydraulic lifter info..... \$25

Wood & metal prop installation instructions..... \$10

Operator's Handbook for A50,65,75,80 & C75,85..... \$15

O-170-3 (A65 in L4) engine manuals - includes Operating Instructions \$10; Service Instructions \$10; Overhaul Instructions \$10; and Parts Catalog \$10. Get all 4 for..... \$35

1947 Parts, Overhaul, & Maintenance Manual for Lycoming O-145/GO-145 - includes Service Bulletins & mag & carb info..... \$25

Manuals (3) for Lyc O-290-1 & -3: Parts, OH, Service..... \$45

Lyc. O-235-C series & O-290-D series parts manual..... \$15

Lyc. O-235-C series & O-290-D series overhaul manual..... \$20

Lyc. O-320 A & E series parts manual..... \$20

Detailed engine specification manuals:

2114-J (O-320-A1A, A1B, A2A, A2B, A3B, 150 hp)..... \$10

2268-A (IO-320-A1A, A2A, 150 hp)..... \$10

2169-4 (O-360A series 180 hp)..... \$10

2281-G (IO-360-B1B, B1D, B1F, B2F, B4A, 180 hp)..... \$10

2234-G (IO-360A series, 200 hp)..... \$10

1962 Cont. maintenance/overhaul manual for C75, C85, C90, O200A..... \$30

Kay's Cont. Parts Interchangeability manual w/overhaul & maintenance tips..... \$20

Operations Manual & Service Maintenances for A, C, and O200 engines..... \$15

Operators, parts & overhaul manual for Franklin A4C, 50 hp..... \$15

Franklin manual for 65-80hp (includes parts)..... \$15

Excello Fuel Injection Manual (excerpts from article)..... \$5

Complete A-4 Excello Fuel Injection Manual for for 65 - 85 hp Cont. engines..... \$10

Maintenance, overhaul, parts manual for NA-S2, NA-S3 carbs..... \$10

Info for setting float level on Stromberg NA-S3A1 carb as used on C85/C90..... \$10

Parts list for Stromberg & Marvel Schebler carbs plus info to convert carb from A65 to A75..... \$10

Service Bulletin (MSA-2) on replacing venturi on MA-3 & 4 carbs..... \$5

Service Bulletin MSA-7 for replacing carb nozzle on O-200 w/one-piece venturi..... \$5

Service Bulletin (CF 1-92) on Marvel Schebler MA-3 & MA-4 floats..... \$5

Marvel Schebler Service Manual for MA-2, MA-3A, MA-3PA, MA-3SPA, and MA-4SPA..... \$15

Service, Parts, & Overhaul Manual for 400 & 600 series Slick mags..... \$15

Eisemann Service, Parts, & overhaul Manual for LA-4, LA-6, AM-4, AM-6 mags..... \$15

Bendix S-20 & S-200 Magneto, Maintenance, Overhaul, and Parts List Manual (1993)..... \$25

Bendix SF4RN, SF4LN, SB6RN-8, SB6LN-10, SF6LN-8, SF6LN-12 Series Overhaul & Parts List Manual..... \$15

337 for using new-style press-in piston pin plugs from Superior in A65..... \$10

Service Bulletins/ADs/337s - Continental

Several to convert Cont. to higher hp - including A65 to A75, C85 to C90, etc..... \$20

M45-6 Correct floats & needle valves (Stromberg) for A series engines..... \$5

M46-23 Valve problems..... \$5

M46-24 Preventing oil leaks in A & C series rocker box covers..... \$5

M46-25 Mag & plug gaps..... \$5

M46-28 Change of pistons, rods, pins for A65..... \$5

M46-32 Update on M46-23 valve problems.....\$5

M47-9 Piston pin changes for C series.....\$5

M47-17 C85:checking backlash for gen. drive gear to cam.....\$5

M47-26 Crankshaft updates for A & C series.....\$5

M48-20 New piston pins/plugs for A & C series.....\$5

M48-21 First 50 hr. check - extra info to prevent oil leaks and parts breakage.....\$5

M48-29 Fuel & oil recommendations.....\$5

M49-2 Cam & lifter combinations for C90.....\$5

M49-4 C series gen. drive coupling changes.....\$5

M49-15 A & C series valve springs - indent & usage.....\$5

M49-17 Cam change for C90.....\$5

M63-5 Fuel & oil recommendations.....\$5

M64-4 A & C series Delco Remy starter adjustment.....\$5

M64-6 Prevention of idling failures of 4 cyl. engines - cold weather plate for air filter.....\$5

M76-4 Installation of prop shaft or crank oil seals.....\$5

M77-19 Indent. of C series & O200 exhaust rocker arms.....\$5

M79-10 Starter clutch & crankcase mod for O200.....\$5

M88-11 Piston comp ring table of limits - C series & O200.....\$5

M86-9 Mod crank case when replacing p/n 530182 w/ crank p/n 531434 (C90 & O200)..... \$5

M92-8 Installation of 4 1/16" dia cyl assemblies for C series & O200.....\$5

93-13 Carb air box inspection for C series & O200.....\$5

96-7 Cont. torque limits.....\$5

96-11 Prop strikes & hydraulic lock.....\$5

SL 97-14 New cyl. assemblies for C series & O200, O-300, GO-300.....\$5

CSB 98-1B Intake & exhaust valve inspection for Cont. valves produced between 1/96 & 3/98.....\$5

SB 98-2 Valve & valve guide dimensions for C75 thru O200 and larger engines.....\$5

SB 96-7B Torque limits for all Cont. engines.....\$10

Directions for overhauling carb air boxes.....\$5

AD for inspecting Cont. cylinder bosses for cracks.....\$5

337's (2) for converting C85-12 to C85-8 using A65 access. case and gears.....\$10

337 for installing press-in piston pin plugs from Superior in A65.....\$5

Service Bulletins/ADs/337's - Lycoming

SB 1267C - piston pin use.....\$5

E2

FAA Type Certificate Data Sheets (tells what's legal on the aircraft) - ATC 455 (also includes specs on F2, J2, J3 (A40), J3P (Lenape), J4B (F60), J4F (Lyc. O145), L14 (Lyc. O-290, TG-8 (Glider) Also some AD's & Service Bulletins.....\$15

Service Bulletins & Memos - prewar Cubs (E2, J2, J3, J4, J5).....\$25

Three-view of E2.....\$5

Photo set - approx 20 color photos showing details of original E2.....\$25

J2

Parts manual.....\$25

Service Bulletins & Memos - prewar Cubs (E2, J2, J3, J4, J5)..... \$25

FAA Type Certificate Data Sheets same as E2 above, includes some misc. but important service bulletins, AD's etc.....\$10

Sample weight & balance form.....\$5

Instructions & plan for making A40 exhaust stacks for J2.....\$10

Instructions & plan for making heel wells for J2.....\$10

337's (3) & FAA info. for installing A65.....\$15

337's (4) & plans to install A65 or A75, J3 fuel tank, J3 brakes, beefed up fuselage for heavier engine & tank.....\$25

337 for installing 12.5 gal. wing tank & for using Univair stamped butt rib in wing.....\$10

337 for installing sealed J3 struts & cutting off lower cable guide to achieve more direct cable routing.....\$5

337 for using Petersen auto fuel STC & for installing Brackett air filter.....\$5

Full-size drawing of vertical fin logo - The Cub.....\$5

Photo set - approx 20 color photos showing details of original J2.....\$25

J3-General

FAA Type Certificate Data Sheets - tells what's legal on the aircraft - ATC 691 (J3C-40, J3C-50, J3C-65, L-4, L-4B, L-4H, L-4J, PA-11)..... \$10
 ATC-692 (J3F-50, J3F-60, J3F-65)..... \$5
 ATC-698 (J3L, J3L-65, L-4C)..... \$5
 J3 Service Bulletins, Letters, Memos..... \$20
 J3 Owner's Manual for Cub Special J3C-65..... \$10
 J3 Parts Manual - 1937-1941 - very complete - even describes engine conversions such as converting to Cont. 65..... \$30
 J3 Parts Manual - Postwar...(Recommended)..... \$25
 J3 Service Manual 1945..... \$20
 J3 Three-view..... \$2
 Converting TG-8 gliders to J3..... \$5
 337 for converting J3 to L-4..... \$5
 337s (5) for changing J3F to C85-12, adding starter & gen, and turn coordinator, clock & battery behind baggage, add two 6.5 gal. Wag Aero tanks, add Whelan HDT strobes/nav light, repair longerons & tubing near gear/struts, and alter exhaust to clear starter & gen (plans for this)..... \$20
 Photo set - postwar. Approx 20 color photos showing detail of restoration to original..... \$25
 Photo set - prewar 1940. Approx 20 color photos showing detail of restoration to original..... \$25
 Photo set - prewar 1938. Approx 20 color photos showing detail of restoration to original..... \$25

J3 Painting, Covering, Weight & Balance

1938 Paint Scheme..... \$5
 Paint scheme - including trim & number placement..... \$10
 Interior paint scheme..... \$5
 Rib stitch location, pattern & lesson..... \$15
 Weight & balance form & sample..... \$10
 Inspection hole placement & templates..... \$15

J3 Engine Swaps & Engine Related

337 for Lyc. 65 in place of Franklin..... \$5
 337 for A65 in place of Franklin 50..... \$5
 337 for A65 in place of Franklin 65..... \$5
 337's (3) for A65 in place of Lycoming..... \$15
 337's (2) & memo for C85-8 in place of A65..... \$10
 337's (2) for replacing F65 w/C85 (See listing under J3 General)..... \$15
 337 for C90-12 in place of A65 (remove starter & generator)..... \$5
 337's (3) for installing C90-8 & C90-12 (removing starter & gen) in place of A65 and 2 methods for effecting increased carb heat..... \$15
 337's/FA for installing C90-12 w/McCauley IA90 prop, B&C engine driven alt, B&C battery, battery box on front floor, elect & radio console behind front seats. Terra com & Xpndr. Done by Clyde Smith Jr, plus 2 other 337's one from a J3, one from a Luscombe, plus copy of J3 & L4 manual pages for battery location..... \$25
 337's (2) for adding starter & gen to C85, modify exhaust to clear accessories includes plans (See listing under J-3 General)..... \$10
 337's (2) for installing, Brackett air filter..... \$10
 337 for Carb heat intake (increase) on C90 in J3..... \$5
 337's (4) for installing O200 (derated to 90 hp by limiting rpm) Since ATC-691 ok's C90 in ALL J3s, these may allow the derated O200 in a wood spar J3..... \$20
 337 for O200A (w/o starter & gen. & derated to 90 hp) in place of A65..... \$10
 337's (2) for O200A (w/o starter & gen. but w/13 gal. wing tanks) in place of A65..... \$10
 337 for installing TAF (El Reno) oil filter adapter on regular cowled J3 w/O200..... \$5
 337 for installing O200A & swing-out engine mount in J3F..... \$5
 337 for O235-C1 in place of A65 - includes 2 wing tanks & electrical system..... \$15
 337 for O235 in place of A65 (aircraft converted to PA-11)..... \$5
 337 for O-290 in place of O-235..... \$5

337/FA for installing O-235 (100hp) w/ PA-18A mount & cowl, also removed rear seat & installed hopper. This is approved data, signed before 10/1/1955..... \$10
 337 for Modifying exhaust for installing starter & generator on C85..... \$5
 Instructions for installing Beech-Roby prop (for J5 but will probably work for J3/L-4..... \$10

J3 Wing & Control Surfaces

Rawe Clipped wing conversion - metal wing (STC)..... \$20
 337 for using metal spar in Reed Clipped wing conversion, installing ribs w/one-half spacing, using PA-12 struts, using 3/8 tubing for stringers, covering inside w/.025 alum, using C90 w/o electrical system, using PA18 swing-out mount, using PA18 divided exhaust..... \$10
 337 for splicing wood spar..... \$10
 337 for sealing lift struts - includes plans..... \$10
 Reed Clipped Wing manual w/engineering details..... \$20
 337 for replacing butt rib on wood spar w/Univair stamped rib..... \$10
 337 for installing M. F. Corp wing strut ends - no directions or manual..... \$5
 337/STC for installing balanced elevators on J3..... \$10
 Very detailed plans/directions for fixing trim system to make it work easier..... \$10
 MF strut ends (alternate to sealing struts), plans, no 337..... \$10
 337's (2) for installing PA-11 lift struts, jury struts. One includes shock struts w/aluminum covers..... \$10
 337/FA for PA-22 horizontal tail surfaces w/ bungee..... \$10
 337/FA for modifying stock horiz. tail surfaces into balanced horizontal tail feathers, includes print..... \$10

J3 Electrical Systems, Lights, Radios

Installing nav. lights & emergency upper door release in J3/L-4 - Govt. document..... \$10
 Reprints of manual for installing wind driven gen..... \$10
 337 for nav. lights, strobe, portable landing light, wind gen., battery between legs, cockpit lights, & revised panel for more gauges..... \$10
 337 for installing gel cell battery behind rear seat & Terra TX-720 transceiver above front seat - includes plans..... \$10
 337 for installing Basic air driven alternator & 24 amp gel cell battery behind rear pilot. Also for installing Narco transponder and altitude reporter & Mitchell transceiver..... \$5
 337 for Grimes strobe light on top of rudder..... \$5
 Package (including 8 prints, 8.5 x 11 in. - 83291, 82011, 82232, 82062, 82241, 82221, 82201, 82071) for installing an electrical system - without starter or generator - for pre and post war J3..... \$25
 337 for installing electrical system & Whelan wing tip strobes and cockpit lights - including Delco starter/generator in C85..... \$5
 337 for installing battery box behind baggage compartment & installing electrical panel in upper Rt. birdcage..... \$5
 337's (4) for installing gel cell battery, KY-97 transceiver & Basic Aircraft wind alternator..... \$20
 337 for installing com antenna internally behind baggage area, installing transponder antenna on bottom of boot cowl, & installing Terra TX7600 & TRT 2500 & Ameri-King AK-350 Mode C transponder & more..... \$10
 337 for external handheld radio antenna installed on metal fairing just aft of top of windshield..... \$5
 337 for installing antenna on steel tubing which is under skylight..... \$5
 337/FA for Ameri-King AK-450 ELT, bolt on installation..... \$5
 337/FA for replacing old single push-pull mag switches w/ MS spec toggle switches, for use on very early J3s..... \$5
 337 for installation of Sky-Tec starter and battery on a J3..... \$10
 337 for installing starter and battery on a J3 with a C-85..... \$5

J3 Landing Gear, Tailwheel

337 for modifying Federal A-1500 skis & installing..... \$10
 337 for installing(making) Cessna type wheel pants..... \$5
 337 for J3 Pee-Kay 1500 floats w/Edo struts/fittings..... \$5
 337 for installing PA-18 float fittings - uses Atlee Dodge STC, parts, plans..... \$10
 337 for modifying landing gear for Landis skis..... \$5

337 for installing PA-11 shock cord struts w/aluminum bungee covers (includes 337's for using PA-11 wing struts)	\$10
337 for safety cables for landing gear	\$5
337's (4) for installing 199-71 Cleveland brakes - includes letter from Cleveland.....	\$15
337 for installing Scott 3200 tailwheel.....	\$5
337 for installing Scott 2000 (3-24B) tailwheel	\$5
337 for welding step on gear leg to aid refueling	\$5
337 for installing Wag Aero fiberglass wheel pants.....	\$5
Manual for Tricycle Gear Conversion (Testerman).....	\$15
Plans (not Piper) to install wheel pants attach fittings/axle supports	\$15
Instruction manual for Edo 1320s - comes w/Piper print #60 S 908A.....	\$25

J3 Cabin Area

337 for installing cross member bracing in place of fuselage fuel tank	\$5
337 for strengthening rear seat - adding tubing - w/plans.....	\$15
337 for making rear seat removable	\$5
337 for left side door and window.....	\$5
337 for changing left side window to a slider like PA-18 (a second 337 is included for this mod), for adding a PA-18 full-width skylight, and adding strength to fuselage behind rear seat	\$20
Drawing for seat belt brackets (not Piper).....	\$5
Plans & instructions for device to open lower door from outside	\$10
Instrument panel layouts - pre/postwar	\$10
337 for skylights like PA-18	\$5
337 for installing misc. instrument in panel	\$5
337's (4) for extended baggage compartment - includes color photos	\$25
337 for installing PA-18 rear seat	\$5
337 for installing PA-18 front seat base	\$5
337's (2) for shoulder harness in J3.....	\$10
337's (2) for left window opening like right side.....	\$10
337 for installing non-electric OAT gauge on left upper side of windshield	\$5
337 for repairing upper cabin steel tubing.....	\$5
Original style J3/PA-11 Upper door latch kit -	Contact Clyde Smith, Jr. at 570-748-7975

J3 Fuel System

337 for installing PA-18 fuel tank in right wing per STC 455AL	\$10
337 for using PA-18 fuel tanks without header tanks.....	\$5
337 for fabricating & installing 6.5 gal aux. fuel tanks in wing	\$10
337 for installing Wag Aero 6.5 gal. fuel tanks in both wings also included 337's for replacing F65 w/ C85-12	\$10
337 for removing fuselage tank and installing a 12 gal wing tank.....	\$10
337 for installing 8 gal aux. fuel tanks in wing	\$10
337 for installing Cessna 140 wing tanks in J3	\$10
337 for 10 gal fuel tank installed aft of pilot. Tank was commercially available. Very detailed info.....	\$15
Instructions for installing Stoddard 9 or 13 gal. wing tanks which feed into center tank	\$10

J3 Fuselage Area

337 for using 3/8 steel tubing in place of wood stringers	\$5
337 for routing elevator cables under floor board like PA18.....	\$5
337 for installing Gasser tow bar that uses a Schweitzer tow hook to pull gliders or banners.....	\$5
337 for replacing tubing in landing gear area.....	\$5
337 for installing PA-18 float fittings using Atlee Dodge STC	\$5
337 for installing handle on right rear of fuselage.....	\$5
337/FA for installing metal belly on last bay that includes tail post.....	\$5
337/FA for installing tubing in front of tail post for strengthening tail area	\$5
337/FA & drawings for replacing J3 upper cabin (top deck), windows, & bootcowl, with that of a PA18, and truncating the front metal spar of J3 like that of a PA18, 13 rib wing.....	\$10

L-4 (see J3 also)

The Army Aviation Story, by Tierney/Montgomery, photo copy	\$20
The Putt Putt Air Force, Dept. of Transportation, photo copy.....	\$20
Manuals as follows: (These show much construction/ components detail.)	
- L-4A/L4B Pilot's Handbook of Flight Operating Instructions.....	\$15
- L-4 Inspection Requirements Handbook	\$15
- L-4A/B/H/J Erection and Maintenance Instruction Handbook shows cockpit, radio, elect. details, paint scheme, color etc.	\$25
- L-4A/B/H/J Parts Manual	\$35
- Structural repair of L-4 Series airplanes	\$25
337 for converting J3 to L-4A.....	\$5
337's (4) for installing gel cel battery, KY-97 transceiver & Basic Aircraft wind alternator	\$20
337 for Brackett Air Filter unit to replace special L4 cleaner	\$5
Photo set on CD-Rom various models (L-4A, H, & J).....	\$20

J4

FAA Type Certificate Data Sheets (tells what is legal on aircraft ATC#703 & 740).....	\$10
J4 Service Bulletins, Memos, Letters.....	\$25
J4 Panel ('39 - '41)	\$5
Paint Scheme ('39 - '41)	\$5
Rigging procedure	\$5
Float fitting drawings (not Piper) for Edo 1320	\$10
J4 three view	\$5
Service Manual.....	\$30
Parts Manual	\$30
337 for replacing Franklin 65 w/Cont A65	\$10
337 for installing C85-8. Includes flight manual & Type Certificate for J4A & McCauley metal prop	\$25
337's (2) for installing O200	\$10
337 for installing A75 & McCauley CM 7040 prop.....	\$5
337 for installing C85-12 on J4A-S w/ Sensenich M76AK-2	\$5
337 to install a Microair 760 comm w/antenna, KT76A trans w/antenna, Ameriking 350 encoder & ELT, Flite Strobe belly strobe	\$10
337 to install an approved alum 18 gal. PA12 tank in right wing and 1 gal. SS "header" tank from Univair	\$10
Photo set CD-Rom various models, mostly J4As.....	\$20

J5/HE-1 - General

FAA Type Certificate Data Sheets for J-5A, J-5B, J-5C, HE-1, & AE-1 (tells what is legal on J-5, ATC A-725).....	\$10
Sample weight & balance form.....	\$5
J5 Service Bulletins, Memos, Letters.....	\$25
Paint Scheme (41).....	\$5
Rigging procedure	\$5
HE-1 Pilots Handbook (basically PA-12)	\$10
HE-1 Erection & Maintenance Manual - shows J5C/HE-1 details	\$25
J5 Service Manual.....	\$25
J5 Parts Manual	\$30
Photo set on CD-Rom HE1. Approx 20 color photos showing details of restoration to original.....	\$20
Photo set on CD-Rom, many J5A pics, including EAA Grand Champion showing details of original configuration.....	\$20

J5/HE-1 Engine Swaps & Engine Related

337 for installing C85-8 in J5A using McCauley 1A90 CF 71/46	\$5
337's (2) for installing C85-12 in J5A.....	\$10
337 for installing C90-12 (remove starter & generator) and McCauley 1A90 CF 71/51	\$5
337 for installing C90-12F in J5A	\$5
337 for installing O200A w/ wood; or metal prop w/ 2nd 337.....	\$10
337's (3) for converting J5A to J5C and from A75 to O-235 (2 are for O-235-C). Two convert to J5C also.....	\$15
337 for installing O-290-D, electrical system w/drawing & Bodell 8.50 x 6 wheels & brakes according to	

STC SA111AL.....	\$5
337 for installing O-290-D w/STC SA495AL. Includes installing electrical system & PA-18 tail surfaces in accordance w/STC SA5-33.....	\$5
337 for replacing O-235 w/ O-320 - in accordance w/McKenzie STC SA 4-519.....	\$5
337 for installing McCauley 1A175GM82/42 prop w/O-290-D2 engine (135 hp).....	\$5
337 for installing Harrison 8" x 4.5" oil cooler.....	\$5
Instructions for installing Beech-Roby prop.....	\$10

J5/HE-1 Electrical System, Lights, Radio

337 for installing ACK E-01 ELT on floorboard under pilot's seat - antenna in right wing fairing.....	\$5
337 for installing Inter AV alternator #1255A w/STC SA 3345W for PA-18 (J5A earlier modified w/O-290-D2).....	\$5
337's (2) for installing Ward Aero wind gen. & Narco radio.....	\$10

J5/HE-1 Landing Gear/Tailwheel

337's (2) for installing Gar wheel adapters (using PA-18 STC) and Goodrich 29 x 11 tires.....	\$10
337 for installing Landis L200 skis & Atlee Dodge p/n 2097 springs in place of bungee cords.....	\$5
337 for installing Atlee Dodge 2500 skis using PA-18 STC.....	\$5
337 for replacing original master cylinder w/Cleveland #10-55 cylinders - also for installing Stits bullet spinner BN-1.....	\$5
337's (2) for installing Cleveland wheels (#40-60) & brakes (#30-60) like PA-18.....	\$10
337 for installing Atlee Dodge safety cables w/STC SA4606NM for PA-18.....	\$5
337 for installing 8.50 x 6 tires & wheels w/STC SA3111AL.....	\$5
337's (3) for installing Scott 3200 tailwheel.....	\$15
337 for installing Hydrosorb shock struts.....	\$5

J5/HE-1 Cabin Area & Controls

337 for replacing canvas rear seat w/plywood back and bottom.....	\$5
337's (2) for replacing cloth baggage w/aluminum & modifying bell crank control to clear floor.....	\$10
337 for installing 1/8 Plexiglas on outer door frame in place of fabric.....	\$5
337 for installing .125 Plexiglas skylight.....	\$5
337's (2) for making rear seat back removable like PA-18 - also baggage area, converted from fabric to plywood & aluminum construction.....	\$10
337 for installing C172 seat rails & seat.....	\$5
337's (2) for converting door to overhead hinge.....	\$10
337 for changing upward sliding side window to PA-18 fore and aft sliding windows.....	\$5
337 for replacing door fabric w/.063 Lexan.....	\$5
337 for metal baggage compartment in place of fabric.....	\$5

J5/HE-1 Fuel System

337 for installing PA-18 fuel tank w/Atlee Dodge sight gauge.....	\$5
337's (2) for installing left Piper PA18 wing tank modified w/another 337 to be plumbed like a PA-12 but w/ PA-18 header tank. Retains original J5 right wing tank.....	\$10
337 for modifying fuel system to that of PA-18.....	\$5

J5/HE-1 Wings & Control Surfaces

337 for installing PA-18 elevators & stab using Wilbur STC SA5-33 and 4313-1 & 5.....	\$5
337's for installing Ceconite on wings/tail using dope - includes STC.....	\$5
337 for installing PA-18 trim system.....	\$5
337/STC for installing balanced elevators on J5A & C.....	\$10
337 for installing PA-12 wings & tanks. Tanks have Univair electric gauges - ailerons are J5.....	\$5
337/FA/pre'55 Plywood nose rib reinforcement.....	\$5

J5/HE-1 Fuselage

337 for repairing lower longerons in various places by sleeving them, and for repairing gear legs w/same method, for installing Whelen strobes on fin and relocating battery to front of pilot's seat.....	\$15
--	------

PA-11 General

Parts List.....	\$25
FAA Type Certificate Data Sheets (same as J3) Tells what is legal on PA-11 - (ATC 691).....	\$10
Weight & balance forms with samples.....	\$10
Service Bulletins, Memos, Letters.....	\$25
Paint Scheme.....	\$5
Instructions for tail decal application.....	\$5
Photo set on CD-Rom both '47-'48 & the '49 paint schemes.....	\$20

Converting J3 to a PA-11

337 for converting J3 to PA-11, using O200 & Cleveland brakes.....	\$5
337's (3) for converting J3 to PA-11 w/O200, PA-18 fuel & elect. system, balanced elevators, reinforced fuselage, ext. baggage, sliding left window etc.....	\$15
337/FA for converting J3 to PA-11 by switching firewall forward, fuel system, seats, struts, modifying fuse, with C90.....	\$5
337 for converting J3 to PA-11, using PA-18 fuel system.....	\$5

PA-11 Engine Changes

337 for O200 in place of C85-12 (O200 100 hp derated to 90 hp).....	\$5
337 for O-290D in place of C90-12.....	\$5
337 for O200 in place of C90-8.....	\$5
337 for installing Cessna 150 prop spinner (04502773) on McCauley 1A90CF prop.....	\$5

PA-11 Electrical Systems, Lights, Radios

337/FA for electric system. w/ B&C alt, G25 battery & Sky-Tec starter (STC# SA10077SC).....	\$5
Canadian for installing starter, gen., battery.....	\$5

PA-11 Fuel System

Instructions for installing Stoddard 9 or 13 gal. wing tanks which feed into center tank.....	\$10
337 for installing PA18 fuel system using Atlee Dodge STC 455AL.....	\$5

PA-11 Landing Gear

337 for safety cables for landing gear.....	\$5
337 for installing tow hook.....	\$5
337 for installing fiberglass wheel pants p/n MF-11 from Aircraft Spruce & Specialty.....	\$5

PA-11 Cockpit Area & Controls

337 for installing fish rod tube in PA-11.....	\$5
337 for left side (square shape) swing out window.....	\$5
337 for installing map case below instrument panel.....	\$5

PA-11 Fuselage, Wings & Tail Surfaces

337/FA & 8110 for modifying PA-11 top cabin, landing gear fittings to PA-18 config, and installing PA-18 wings, flaps, & tail.....	\$20
337/STC for installing balanced elevators.....	\$10

PA-12 General

FAA Type Certificate Data Sheets tells what is legal on the aircraft - ATC 780.....	\$10
Operating limitations list.....	\$5
Sample weight & balance.....	\$5
PA-12 Pilot Checklist, not Piper.....	\$5
All PA-12/14 Service Bulletins, Memos, and Letters (includes operating limitations) to present.....	\$25
Rigging procedure (Service Memo #8).....	\$5
Flight Manual (to be kept in airplane).....	\$10
Parts Manual.....	\$25
HE-1 (Military PA-12) Pilot's Manual.....	\$15
Sample weight & balance form.....	\$5

Printed & Technical Information Available from **CUB CLUB**

Flying w/door removed (FAA letter)	\$5
Paint scheme	\$5
337 for recovering w/Irish linen, nitrate dope, Dulux enamel	\$5
Photo set on CD-Rom many photos	\$20

PA-12 Engine Changes

One-time STC & 337 (with Flight Manual Supplement) for installing O-360	\$20
337's (3) for installing O-290-D	\$15
337's (2) for installing O-320-B2B (& O-320) & 74DM6-0-58 & Sensenich 74DM69 uses McKenzie STC	\$10
Instructions & manual supplement for installing O-320 using McKenzie STC	\$5
337 for installing O-320, PA22 exhaust & nose bowl, PA-18 muffler, C150 heat box, Brackett air filter, vac pump etc	\$5
337 for changing from O-235-C to O-320-A2A & adding oil cooler & Sensenich 74DM54	\$5
337 to install 160hp Lyc O-320-B3B & Sensenich M74DM, aircraft previously modified w/ 150 hp Lyc. using McKenzie STC SA4519	\$5
337/FA for post approval having installed a Lyc. O-320-B3B (160 hp) having used STC SA83AL for installing an O-250 (150hp) w/ Stoddard mount.	\$5

PA-12 Firewall Forward, Prop & Engine Accessories

337 for installing ram type carb air scoop using Piper factory conversion kit & drawings (O-235-C1)	\$5
337 for installing Sensenich Skyblade hub model C5FM4, Blade model 276A6 w/O-235-C1	\$5
337 to install Sensenich wood prop	\$5
337 for oil cooler on O-235-C1 (with air intake on top of cowling)	\$5
337's (4) for installing oil cooler in left rear baffle for O-235-C and O-320	\$50
337 for installing Air Wolf oil filter on 160 hp PA-12 using Air Wolf STC	\$5
337 to install Sky-Tec lightweight starter on Lyc O-320-B3B (160 hp), using Sky-Tec STC SE00218NY	\$5
337 for installing Brackett Air filter w/their STC SA-71GL	\$5

PA-12 Electrical System, Lights, Radio

337's (2) to install Strobe (Hoskins IFO-1) on belly	\$10
337's (3) to install wing tip strobes (Whelen & Aeroflash) & removing tail-mounted single strobe system	\$15
337 for installing dual landing light (adding one to right wing)	\$5
337 to install remote indicator compass, transmitter & inverter	\$5
337 for moving battery back to Station 75 & installing heated pitot in left wing	\$5
337's (2) for installing Alcor 50 amp alternator using STC SA334 SW, & for installing circuit breakers	\$10
337 for installing Internav 50 amp alt on O-320 in PA-12	\$5
337 for installing King KT-76A transponder & Amer-King encoder in panel	\$5
337 to install Comant C1-101 transponder antenna on belly 24" aft of firewall	\$5
Electrical Schematic	\$10
337 for installing battery under rear seat of a PA-12	\$10

PA-12 Fuel System & Tanks

337 to install Atlee Dodge 30.5 gal wing tanks using STC SA5781NM	\$5
337 & instructions for installing 18 gal Wag Aero fuel tanks & elect. fuel gauges which require Stoddard STC)	\$10
337 to install PA-18 header tank for more reliability	\$5

PA-12 Cabin Area, Controls

337's(2) for installing Plexiglas skylight one. Uses Crosswinds STC SA517AL. One also contains info about installing square top windshield	\$10
337's (2) to modify door to open upward instead of forward; left sliding window to one that hinges upward	\$10
337's (3) for installing PA-18 trim system	\$10
337's (3) to install alum baggage compartment, extended	\$15

337 to install Ceconite sleeping compartment in upper fuselage superstructure	\$5
337 to install removable rear seat cross bar	\$5
337's (3) for front & rear shoulder harness attach structure	\$15
337 to install Landes Airglas tool box under rear seat New tubing added there also	\$5

PA-12 Landing Gear & Tail Wheel & Brakes

Edo float installation drawing - not complete	\$5
337 to reinforce gear legs by adding gussets/tubing between gear legs	\$5
337's (3) for installing 6" Cleveland disk brakes. One uses STC SAI1RM & one uses no STC & has 7:00 x 6 tires	\$15
337's (2) for installing Cleveland wheels/brakes & 8.50 x 6 tires using Piper Service Kit (aka Piper conversion kit) #199.71	\$15
337 for Goodyear 26 x 10 x 6 tires	\$5
337's (3) to install Scott 3200 tailwheel	\$15
337 to install Federal C2200 skis on PA15 w/PA18 gear	\$5
337 to install Federal A2500A skis	\$5
337 for installing toe brakes (pilot only) plus Cleveland brakes	\$5
337 for installing rear float fittings for Edo 89-2000 floats in accordance w/Atlee Dodge instructions & Edo prints	\$5
Description of how to install bungees in PA12/14 to get proper spacing - includes 2 Service Bulletins	\$5

PA-12 Fuselage

337's (3) for installing tow hook	\$15
337 for installing extra brace between side longerons for float installation	\$5
337's (2) to install new dog leg tubing for extended baggage	\$10
337's (2) for installing tubing in front of tail post for strengthening tail area	\$10
337/FA (2) for removing diagonal top brace & installing "X" cross brace , Good for shoulder harness attach	\$10
337/FA (2) for replacing rear top deck diagonal tube & replace w/ PA-18 style top deck "X" ("Cathedral") brace	\$10
337 to add Zerk grease fitting to rear stab bracket	\$5

PA-12 Wings, Tail, Control Surfaces

337's (3) for installing balanced elevators from PA-18	\$15
337 for adding extension (11") of alum leading edge aft of front spar	\$5
337 for modifying wing to be like PA-18 (extra cross braces, complete wrap-around leading edges of .020 2024-T3). Uses Atlee Dodge STC SA649	\$5
337 to install tie down fittings outboard of existing wing tie downs	\$5
337 to install vortex generators using STC SA5948 NM on 160 hp PA-12	\$5
337 to install Maule fiberglass wing tips using Ferguson STC SA5735W	\$5
337 for installing wing flaps using Ron Sullivan STC 578 AL	\$5
337 for attaching fabric to wings using Martin continuous wire clips. Uses STC SA12650	\$5
337 for balanced tail feathers on a PA-12	\$5

PA-14

Parts list	\$25
Owner's Manual	\$15
FAA Type Certificate Data Sheets (tells what is legal on the aircraft ATC-797)	\$10
Flight Manual (to be kept in airplane)	\$10
PA12/14 Service Bulletins, Memos, Letters	\$25
Paint scheme	\$5
Rigging procedure (Service Memo #9)	\$5
337 for changing door so it hinges from the top	\$5
337/STC for installing balanced elevators	\$10

PA-18, (PA-19) & L-21 General

FAA Type Certificate Data Sheets tells what is legal on the aircraft - ATC-1A2 & -AR7	\$15
PA-18 & -18A Parts Manual - very detailed	\$40
PA-18/19 Service Bulletins, Memos, Letters	\$30
Owner's Handbook for PA-18-95, PA-18-125	\$15

Printed & Technical Information Available from **CUB CLUB**

Owner's Handbook for PA-18-95, PA-18-135, PA-18-135A.....	\$15
Owner's Handbook for PA-18-95, PA-18-150	\$15
Owner's Handbook for operation & maintenance of PA-18-95, PA-18-150, PA-18A-150	\$15
Handbook - Erection & Maintenance Manual for L-21A.....	\$25
PA-18-95 Sample weight/balance, very complete (2) and includes flight manual.....	\$20
PA-18-125/135 Sample weight/balance & flight manual.....	\$10
PA-18-150 Sample weight/balance, very complete.....	\$10
Three inspection checklists - 1959, 1965, 1979 from Piper.....	\$10
Photo set - L-21 USA markings. Approx 20 color photos showing details of restoration to original.....	\$25

PA-18/L-21 Engine Related

Info (from Piper) to increase engine size on PA-18 to 150 hp (O-320). STC not needed	\$5
337 for replacing mechanical tach w/Horizon P-1000 electronic tach	\$5
337's (4) for installing B & C lightweight alt. & starter and gel cel battery	\$20
Service letter 324B & C maintenance & inspection of exhaust systems & heat exchangers.....	\$5

PA-18/L-21 Electrical System, Lights, Radio

337 for installing ground power starting plug & solenoid.....	\$5
337's for installing radio, Loran, transponder in radio rack under panel and in front of stick (includes photo)	\$10
337 for installing Whelen WRML-12 rotating beacon.....	\$5

PA-18/L-51 Fuel System

337 for installing Symbolic Displays, Inc. fuel flow indicator.....	\$5
337 for modifying fuel selector to "Both" position and installing vent tube between tanks	\$5

PA-18/L-21 Fuselage, Cockpit, Controls Wings & Tail Surfaces

Switch panel lettering instructions	\$5
337 for installing AM Safe seatbelts & shoulder harnesses	\$5
Piper Report #939 - converting and reconverting PA18A (150) to sprayer/duster. STC not needed	\$5
337 for installing hand grips in inner front of horizontal stab - very clever.....	\$5
Service Bulletin 706B (Oct. '91) to install tail brace wire support	\$5

PA-18/L-21 Landing Gear & Brakes

337 for installing 8:50 x 6 tires on Cleveland wheels	\$5
337's (2) for installing Cleveland wheels & disc brakes and 30 x 13 x 6 tubeless tundra tires (Includes one-time STC2131NM).....	\$15
337's (2) for installing Cleveland wheels & disc brakes kit #199071, on PA18-135.....	\$10
337 for reinforcing landing gear in axle area	\$5
337 for safety cables on PA-18 gear	\$5

Miscellaneous

J3 scale model plans 27" span.....	\$15
Photo set - L14. Approx 20 color photos showing details of restoration to original.....	\$25