

WACO Aircraft Plans, Kits and Documentation Sources (All Versions/Models of Wacos)

Updated 09/28/08. This is a list of plans, kits and documentation sources for WACO's; these are just the ones I found. The AMA Plans Service has over 6 pages of WACO's, so I limited the list mostly those to 50" or greater wing span with complete templates (not all are listed here) and included some not so common models. I can not vouch for the scale accuracy of the plans. From the reference book** I used, it stated that there were over 110 Waco variants with the 3 letter code, further divided by the number code.

Check with the supplier for current prices and shipping charges first!

<u>Plans Sources</u>	WS	Plan #	Cost (if known or listed, <u>Check First!</u>)
<u>RCM Plans</u>		http://www.rcmmagazine.com/ (The Plans Service is still active)	
WACO E (cabin)	54"	pl-358	\$10 (last of the cabin models)
WACO AGC-8 (cabin)	44"	pl-870	\$10
WACO E (cabin)	52"	pl-1143	\$15.50 (last of the cabin models)
WACO ENF (2 cockpit)	64"	pl-1149	\$22
<u>Flying Models</u>		http://www.flying-models.com/ (construction article add \$3)	
WACO N	40"	cf 060	\$8 (Tricycle Gear Bi-Plane, Zirolì)
WACO 10		cf 530	\$8 (.049 glow – 3 channel)
WACO CSO	62"	cf 701	\$17
WACO SRE (cabin)	35"	cf 717	\$9 (.049 glow –2/3 channel)
WACO YMF (UMF)	30"	cd337	\$12 (electric, laser short kit available)
<u>Model Airplane News</u>		http://www.modelairplanenews.com/	
WACO ATO Taperwing	48"	fsp06761	\$19.95
WACO E (ARE/SRE)	72"	fsp06891	\$21.95 (last of the cabin models) - Folded
WACO Model C-6 & D-6		fsp02098	\$9.95 (possibly William Wylam)
WACO SRE (micro)	14"	fsp0204A	\$12.95 (hey it's cute)
<u>AMA Plan Service</u>		http://modelaircraft.org/plans.asp (plans listed have all templates)	
WACO ARE (D. Brisighella Sr.)	70"	50153	\$49 (1939 version) (1/6 th Scale)
WACO Cabin	54"	23386	\$15
WACO D (W.E. Tech. Service)	97"	50135	\$92 (1/4 Scale) (Incomplete only 4 of 9 sheets)
WACO F-3 (G. Kilby)	70"	22545	\$34
WACO N (N. Zirolì 1/67)	40"	25934	\$13 (See Flying Models)
WACO SRE (H Osborn)	52"	32134	\$53 (CALL)
WACO UPF-7(S. Morgan)	52"	16259	\$69(See Vintage/Kit Cutters)
WACO UPF-7	52"	00778	Cost Cat. E (\$28)
WACO YMF-3 (Pica Kit Plans)	72"	35406	\$53 (This is the one in the thread on RCU, Airplanes, Vintage & Antique, WACO YMF and started by Bill "Stickbuilder" Hunt. Ask for the supplemental sheets with the templates. The AMA now has the templates (courtesy of Bill) to go with the Pica Plans and is available as a set for \$53. Cowl and Wheel pants are available from various aftermarket sources (listed below).
<u>RC Universe</u>		http://www.rcuniverse.com/forum/m_4058627/tm.htm	Build thread for the Pica Waco YMF-3 kit with revisions, structure improvements, engine options and more
<u>House of Moy</u>		http://www.houseofmoy.com/waco/	Supplemental site for the RCU thread on the Pica YMF 3-5 (Revised Manual - Short Version and other info)
<u>Cleveland Model & Supply Co.</u>		http://www.clevelandairline.com/default.asp	

(In descending order of detail – Platinum, Gold, Silver, and Bronze)

Waco 10	58.9	1/6 th - \$23 (bronze)
Waco 10-Taperwing	61.3	1/6 th - \$23 (gold)
Waco C (QDC)	65.6	1/6 th - \$46 (gold)
Waco C-6	69.3	1/6 th - \$44 (gold)
Waco UPF-7	60.0	1/6 th - \$23 (gold)
Waco D (JHD)	65.2	1/6 th - \$29 (gold)

Dario Bisighella BigRagu2@comcast.net

WACO ARE (see AMA Listing) 87.5", 21% Version \$65 Paypal, rolled and Shipped USPS Insured

Norm Rosenstock nrosenstock@juno.com 124 Granada St., Royal Palm Beach, Fl. 33411-1307 Thread on R/C Scalebuilders

WACO HKS-7	99.75"	1/4 - \$55 (Jan 2006 prices)
	74.8"	1/5 th - \$50

Bob Holman Plans <http://www.bhplans.com/MSPPlansPg1.html>

WACO YKS-6 99.3" \$29 (Mammoth Scale Plans, see Kit Cutters*)

Scale Plans and Photo Service <http://www.fly-ima.org/ima/IMAAads/pepino/index.html#planslist>

WACO YMF 3/5	90"	(1/4 Scale) Jim Pepino
WACO 10	73"	(1/5 th Scale) (not Pepino drawn)

Minnesota Giant Scale R/C <http://www.mnbigbirds.com/Waco%20Page.htm>

A review of the Jim Pepino 90" YMF Plans.

International Aircraft Research No web address found. 157 Helm Court, Mississauga, Ontario, Canada

	L5J 3G3.	
Waco RBA	59"	1/6 th scale.

Model Kit Information:

Cox Models <http://www.coxmodels.com/>

WACO YMF	1/5 th ARF of Pica (semi-scale)	\$379.99 (Currently not Listed)
WACO YMF	1/6 th ARF of Pica (semi-scale)	\$279.99

SIG Manufacturing <http://www.sigmfq.com/>

Waco SRE 1/6 Scale ARF \$399.99

Scale Aero http://www.scaleaero.com/cockpit_kits.htm

WACO CTO 72" (1/5th Scale) N/A Available "soon"
(under Bob Dively Kits and Cockpits)

Kangke (ARF Kits) <http://www.kangkeusa.com/superkraft.htm> (review in June 2005 R/C Report)

WACO UPF-7	72"	1/5 Scale	\$499.77
WACO UPF-7	51"	1/7 Scale (Red)	\$249.77
WACO UPF-7	51"	1/7 Scale (Yellow)	\$249.77

Vintage R/C Plans <http://www.vintagercplans.com/main.htm> (1/6th Scale)

(See Kit Cutters*)

WACO UMF	60", page 3 (Plastic Cowl/pants available) #115RC (1/6 th)
WACO UPF-7	56", page 4 (Plastic Cowl/Pants available) (just under 1/6 th Scale)
WACO SRE	69-1/2", Page 5 (Plastic Cowl/Pants available) #126 (1/6 th)

Kit Cutters*

(Vintage R/C Plans)

<http://www.kitcutters.com/>

Mammoth Scale Plans 99.3" WACO YKS- 6 (Cabin) (1/4 Scale)
*Novack/Morgan 69.5" WACO SRE (1/6th Scale)
60" WACO UMF-3 (1/6th Scale)
56" WACO UPF-7 (just under 1/6th Scale)
Others (SPPS) 73" WACO 10 (1/5th Scale)
Jim Pepino 90" WACO YMF 3/5 (1/4 Scale) (RCU Giant Scale)

RC Showcase

<http://www.rcshowcase.com/> (Review Thread – RCU)

Distributors for Genesis

<http://www.genesis-rc.com/>

http://www.rcuniverse.com/forum/m_718733/anchors_718733/mpage_1/key_Genesis%252CWACO/anchor/tm.htm#718733

(Build thread on RCU)

<http://www.rcuniverse.com/forum/fb.asp?m=696483&s=#696483>)

120" (33%) WACO YMF \$ 1,997.00 (\$500 deposit required)

142" (40%) WACO YMF \$ 3,397.00 (includes shipping lower 48)

(**ARC** and **Turnkey** versions available, contact RC Showcase or Genesis)

Iron Bay Models

Waco UPF-7

<http://www.ironbaymodelcompany.com/>

88" (1/4 Scale)

Ikon N'wst

WACO UPF-7

<http://www.ikonnwst.com/index.htm>

72"

No price listed

WACO Model 10

73"

No price listed

WACO Taper Wing

72"

No price listed

Proctor Enterprises

<http://www.proctor-enterprises.com/products/barth/waco/waco.htm>

(US Distributor of Barth)

WACO YMF

118" (1/3 Scale) - Germany's Flugmodellbau Barth kit (\$ 1395)

WACO YMF

88" WACO YMF (1/4 Scale) - Germany's Flugmodellbau Barth kit (\$ 895)

(Thread on RCU, Giant Scale-General, Building the 33% Barth YMF-5...)

Precision Cut Kits

WACO YMF 3/5

<http://www.precisioncutkits.com/>

90"

(1/4 Scale) Jim Pepino (RCU Giant Scale)

PARTS – Cowls, Wheel Pants, Instruments, etc (list is nowhere complete, just some places to get started)

Pilots-

Vailly Aviation <http://www.vaillyaviation.com/Intro.html>

Williams Bros. <http://www.williamsbrothersmodelproducts.com/>

Great Planes <http://www.greatplanes.com/index.html> PT-17 ARF Pilots

Cowls/Wheel Pants-

AeroFiberTech Products (Stan's Fiber Tech)

<http://www.aerofibertech.com/products.html> or <http://www.stansfibertech.com/>
has **UMF** Cowls and Pants in 1/6th and both **YMF** and **UMF** cowls and pants in 1/5th. Call to confirm type of cowl.

Vintage RC Plans <http://www.vintagecplans.com/main.htm> (1/6th Plastic)

Fiberglass Specialties <http://www.fiberglassspecialtiesinc.com/> 1/5th & 1/6th

UMF Cowls and Wheel Pants.

Instruments-

PropagTeam <http://www.propagteam.cz/> best looking instruments available for 1/5th, 1/4th and 1/3rd Scales, made in the Czech Republic

InZapan <http://www.inzapan.com/Default.asp?> English (British) Distributor
(This is the best way to get individual instruments from ProPagTeam.)

Hobby Lobby <http://www.hobby-lobby.com/> (US Distributor for ProPagTeam)

(Has modern sets only. For individual Instruments, go to **InZapan** for individual instruments.) See List of appropriate 1930 style instruments on House of Moy.

Dummy Engines-

Aero Tech Models <http://www.aerotechmodels.com/dummy.htm> Cast resin \$\$\$
Great Planes <http://www.greatplanes.com/airplanes/gpma1349.html> PT-17 ARF
Dummy Radial, 7 Cylinder.
Top Flight <http://www.top-flite.com/index.html> Stinson and Staggerwing engine
can be used to create your own 7 Cylinder engine with a Hair Spray Can.

Rib Stitch -

Scale Rib Stitch <http://home.cablerocket.com/~scaleribstitch/>
Get Stencils <http://www.getstencils.com/>
The Cub Den <http://www.thecubden.org/> has a "How -To" on rib stitching. I
would use it as a guide and use the materials above.

Rigging Wire-Fittings **Mick Reeves** <http://www.mickreevesmodels.co.uk/>

Sea Commander <http://www.seacommander.com/>
Flying wires - pre-made, Streamline tubing and fittings, Edo style Floats

Documentation (Photos and Line Drawings)

Bob's Aircraft Documentation (Banka Banka) <http://www.bobsairdoc.com/>

About 44 - 3 line Drawings of different WACOs
Over 100 photo paks of different WACOs (about 17 paks of the YMF (UMF). NC 14031, the Pica kit subject, is not listed. Drawings with an "X" in the description are more detailed than those with out. See codes at the beginning of each section in the catalog.

From Flying Scale Models (England) <http://www.modelactivitypress.com/fs-monthly.htm>

WACO YMF-5 (CD with 130 photos) £12.99 (English pounds)

Skylarks Hanger

jfichoward@earthlink.net Mostly Waco photos on CD
CD – 1 Waco YMF. Photos of the 1987 Waco YMF Classic, NC 14081. Also included will be the Pica Plans Details Sheet supplement (for a 1930s era cockpit) with corresponding photos from real Wacos, aileron details, photos of a Jacobs' engine, data plate pictures and files, the instrument list for a 1930s era oval instrument panel. Over 300 photos.
CD – 2 Waco Cabin. Cabin Wacos that attended the 2007 AWC Fly In at CCA,
CD – 3 Waco UBF and QCF. UBF-2s and QCF-2s with walk arounds, cockpits and details. Over 450 photos.
CD – 4 Waco UPF-7. UPF-7s that attended the 2007 AWC Fly In at CCA, exterior shots only. UPF-7, NC 173E (about 75 photos) will have the walk around, cockpit and other details. Over 300 photos total.
CD – 5 CCA Aircraft - Biplanes. Non Waco Bi-Planes at Creve Coeur Airport from WW I to WW II. Over 280 photos.
CD – 6 CCA Aircraft – Mono Planes. Mono-Planes at Creve Coeur Airport from WW I to WW II.
CD – 7 Cessna 195A/B NC 9833A. Complete walk around with detail and interior photos, plus a few photos of other 195s. Over 200 photos.
CD – 8 De Havilland Model 4M2 (DH-4). Complete walk around with detail, some interior photos, flying photos and other info. Over 250 photos.
CD -- 9 Waco YKS, NC 17457, restoration project at Creve Coeur Airport from bare bones to first flight.
CD – 10 Waco SRE. 155 photos of NC 58785 with walk around, close up and interior photos. Walk arounds of NC 1252W (20) and of NC 20961 (8).

Cost for the CDs in a Slim Jewel Case and shipping is \$10 for each CD for members of the Waco Brotherhood, \$15 for those who are not. I do not use Pay-Pal or Credit Cards, so a U.S. Post Office Money Order would be the best way to send funds. For those of you outside the U.S., an International money order in US Funds will work.

If interested, PM or E-mail skylarkmk1 on RCU (or above e-mail address) with your mailing address for the CD and your e-mail address for shipping conformation. I will reply with my mailing address.

DOC-U-LINK

<http://www.scaleaero.com/docpath.htm>

Scale Modelers resource for documentation and accessories. Color Charts and Cross references. Instrumentation of 30's aircraft available in 1/5th, 1/4 and 1/3 scales from Czech Republic (PropagTeam <mailto:propagteam@propagteam.cz>)

Smithsonian National Air and Space Museum

<http://www.nasm.si.edu/research/arch/WebPDF/waco.pdf>

NASM has copies of the original WACO drawings from 1920-1947. Drawings are listed by Series type and by 3 letter code in each type.

Airborne Media

<http://www.airbornemedia.com/>

Aero-Pac CD-ROM documentation including 3 views, walk around, detail taken head on, close up and interior on most aircraft listed. Has 2 UPF-7s and YMF-5.

Ken Kotik

<http://www.kenkotikaviationart.com/>

Aviation Artist has paintings and "statues" of many aircraft including WACOs for sale on his site. Nice work, accurate. Studio/showroom is at Creve Coeur Airport. Unfortunately, Ken passed away suddenly in June 2008 and at present his wife plans to keep the hanger (D-8) show room open at Creve Coeur Airport.

WACO Classic Aircraft <http://www.wacoclassic.com/intro.htm>

Has a modelers package (unsure of all that is in it, but I am told it does include 3 views and some photos) that goes for about \$30.

Full size WACO information:

American Waco Club <http://www.americanwacoclub.com/>

National WACO Club <http://www.nationalwacoclub.com/>

WACO Historical Society and Museum <http://www.wacoairmuseum.org/society/society.htm>

Aerofiles – WACO

<http://aerofiles.com/home.html> **Codes** <http://aerofiles.com/waco.html>

This site has the WACO letter codes broken down and much more Waco information, history and photos of almost all types.

RTPTV - Barnstormers <http://www.rtptv.homestead.com/rtpbarnstormers.html>

Video of a WACO in flight

Rag Bag Aero Works <http://www.ragbag.com/AWC/>

Apparel for Airplane Nuts

WACO Classic Aircraft Corporation <http://www.wacoclassic.com/intro.html> (Home Page)

<http://www.wacoclassic.com/replacementlinks.htm> (Links Page)

Makers of "New" WACO YMFs (Classic and Super)

- Radial Engines Ltd** <http://www.radialengines.com/>
Sole supplier of the Jacobs engine to Waco Classic Aircraft. Also does fuel injection conversions to the Jacobs engine.
- Biplane Adventures** <http://www.michaelmccafferty.com/adventures/>
Flying A WACO YMF in America and Europe by M. McCafferty
- Flying Higher** <http://flyinghigher.net/index.php>
Some info on a WACO YKC-S Seaplane (NC 14066) and a MNF (NC 11213).
- Williams Aircraft Collection** <http://www.russellw.com/default.asp>
WACO YQC-6 Cabin Biplane under restoration.
- Vintage Aircraft Photo Library** <http://www.russellw.com/photoalbum/default.asp>
Part of the Williams Aircraft Collection site.
- Airliners.Net** <http://www.airliners.net/search/>
Aircraft Photo Search engine.
- Rare Aircraft** <http://www.rareaircraft.com/index.html>
Restorers of WACO aircraft with briefs on some restored WACOs.
- Historic Aircraft Restoration Museum (HARM)** <http://www.historicaircraftrestorationmuseum.org/>
Located at Creve Coeur Airport near St. Louis and is also known as Dauster Field. Not too much info on site, but the Museum does have about 14 different WACOs (no YMF/UMF). CCA hosts the American WACO Club "Fly In" in June, usually over Fathers Day weekend (Thursday thru Sunday).
- ClassicWaco.Com** <http://www.classicwaco.com/blog/default.aspx>
A Blog by Joe Norris (WB #54) who flies a full size Waco UPF-7 (NC 39748)
- Arizona Aerospace Foundation** <http://www.pimaair.org/Acftdatapics/WACO%20ZKS-6.htm>
Restoration Project of a WACO ZKS-6, s/n 4512, NC 16523
- Popular Grove Airport** <http://www.poplargroveairmotive.com/home.htm>
WACO pictures in the Gallery Section
- Poplar Grove Vintage Wings & Wheels Museum** <http://www.wingsandwheelsmuseum.org/>
A combined Aircraft and Car Museum adjacent to Popular Grove Airport.
- You Tube** <http://www.youtube.com/> Various videos of full size and models, usually in flight.

**The Complete Encyclopedia of World Aircraft, 1997 Barnes and Noble, ISBN: 0 7607 0592 5, found my copy at Barnes and Noble on the discount rack.