

MARCH 1992

Meeting Times: Saturday, March 14th, 10:00 am until 1:00 pm  
Saturday, April 11th, 10:00 am until 1:30 pm

Well, here we are again, and I have a little announcement to make. This month's meeting will be slightly different, in a couple of ways. Firstly, there will be a door prize drawing a little different than usual. Tickets will be a little more than usual, at \$1. Prizes are a lot nicer than usual, consisting of the following:

|                                   |  |
|-----------------------------------|--|
| Tamiya M5 Sturat 35th             | Monogram SBD Dauntless 48th                      |
| Monogram Mirage 2000 48th         | Heller Mel63 72nd                                |
| Hasegawa F-18 CAG Markings 72nd   | L/S C5M2 Babs 72nd                               |
| Italeri Harrier GR5 72nd          | Revell 3 Masted Sailing ship                     |
| Squadron/Signal 'In Action' books |  |
| SuperScale Decals                 | PLUS yet to be finalized armor<br>and auto kits. |

All these kits have been donated by two VERY generous members. In return these members hope that we can make good on our vote at the last meeting to raise funds for IPMS Seattle's Award sponsorship for the July National Convention. Our efforts last month, in a word: POOR. I am being generous using the "P" word, rather than another that would fit better. Hopefully, with the above as incentive, you will all dig reasonably deep on March 14th. Tickets will be sold immediately you enter the door. Please have your \$5 and \$10 bills ready. No change.....

The second change to the Meeting this month is that it will be in two halves, in two locations. We will initially meet as we usually do at the Bellevue Public Library. However, rather than a slide show this month, for those interested, after the meeting you can follow me across the 520 Floating Bridge and Lake Washington. We will be visiting the home of Paul Ludwig. Paul lives just up the road from Sand Point NAS. (Maps will be provided at the meeting). Paul is a 747 pilot for one of the major airlines, and spends his working time jetting between Seattle and Tokyo. In his spare time, Paul likes 1/24th scale aircraft models which he collects from some of the world's finest builders. Paul has 10 or so models in his collection. Included in this collection is 1990's IPMS/USA National "Best In Show" aircraft, a Folke Wulf Fw 190D, as well as P-51 Mustangs, A-1 Skyraider, Japanese WWII aircraft etc. Anyone interested in seeing truly breath-taking model aircraft will not want to miss this opportunity.

As well as allowing us to view his collection of models, Paul has also agreed to kindly provide us with some "munchies" and drinks upon our arrival. He also needs to rent chairs for the occasion. With all this in mind, he asks only one favor: you MUST telephone me, your humble narrator (name on front of newsletter cover!!) to let me know your intention of joining me at Paul's. (522-3539). Your call MUST reach me by Wednesday evening, March 11th. Paul needs time to arrange things. Look forward to hearing from you all.

526-8963

Anted: Larger Meeting Space!!

As any of you who have attended our Chapter meetings of late will know, conditions at the Bellevue Library are getting a little crowded. Attendance is well up on previous years, as is the number of models on show. We now have our own in-house vendors. Such is progress. I for one am happy about all three of these events, but not so the crowding.

Some have suggested removing the vendors, some charging them an entry fee. Removing the vendors cheats our members of the ability to purchase great kits at very reasonable prices, something the Executive of your Chapter applauds. Charging the vendors money does nothing for the space problem.

And after all, the space problem is not just a vendor problem. It is a people problem. With or without vendors, 50+ modelers in a room the size of the one room we have, all jabbering about models and showing off their latest creations will create a lot of noise and takes up most of the space available. With the publicity the Nationals in July will give us, we could EASILY increase our membership by 50 - 100%. Vendors or not, we couldn't cater to this many people if they decided they wanted to attend Chapter meetings regularly. A long-term solution has to be found.

One answer put forward by a Member is to look into one of the local Veteran clubs in the area. It could be argued that a group such as ours would fit perfectly into such surroundings. In return for hopefully free meeting space, we as a Chapter could provide models for a display case, or if the Veterans were having a special historical get-together, we could flesh out an appropriate display in miniature for them.

Ideally, the meeting location would be in the same general area as the Library, since it is agreed that this is the most central meeting area. Any Member connected with such an organization, could they please contact me regarding who we should approach on this matter. And if you should have any further ideas regarding possible meeting places, please do not hesitate to contact me. Ideally a location should be able to cater to a group twice our current size, and be free of charge. It should come with chairs and tables for us to use, and be open to us on a Saturday without needing to jump through hoops. Let me know what you think of.

#### FUTURE EVENTS:

Automotive Modellers Show, Sunday April 5th at the B.C. Transportation Museum in Cloverdale, B.C. Also in Canada, the Maple Ridge Modellers Society Annual Show, on April 4th. A "2-for" weekend for those wishing to travel North. The April 4th show is at: Centennial Centre, 11940 224th St., Maple Ridge, (Vancouver) B.C. For those seriously thinking of going, see me at the meeting, and I will call Vancouver for more details.

Model Show '92: May 9th, at the Museum of Flight. Entry fee is \$5.00 for up to five models, with participants and family admitted free. Free entrance to Museum Members as well. There will be 23 categories with all areas of interest being covered, although some of the categories are rather wide. Sounds like this could be lots of fun, so let's at least go along for a look-see.

#### HOBBY NEWS

For those of you who get 'FineScale Modeler', you will have noticed that HOBBYTOWN USA has started a national chain of model shops, two of which will be located in the Greater Seattle area. The first to appear will be in Lynnwood, set to open April 4th and 5th, across from the Alderwood Plaza. There will be lots of razzle dazzle on these two days, according to Rick Wiegand the store's owner. Rick plans to be at our March meeting to introduce himself and if so, will fill us in on his plans.

For those interested, Rick will have a permanent glass display case in his store, which he would be more than pleased to see filled by IPMS Seattle member's efforts. HobbyTown USA will also be sponsoring in-house model contests, as well as hopefully working with IPMS Seattle in sponsoring an annual Show, to mirror IPMS Vancouver's Fall Show. The first Seattle Show is set for April 1993, the "Spring Offensive". More later on this plan. We have a Convention to get through first!!!

## CONVENTION NEWS

Speaking of said BIG EVENT, things are beginning to pick up at last. Registrations should start to flow in fairly regularly between now and July. So far we have registrants from 25 states, as well as Canada, England and Argentina. This month's newsletter contains the official Registration form, as well as the "Help Wanted" sign-up sheet for Convention Volunteers. We are desperate for anyone willing to pitch in and help run things. Those of you who have already filled in one of these forms, we have them tucked away safely. We hope to devote our June meeting to going over the details of what will need doing and how we will go about doing it at the Convention.

The more people who volunteer, the better off all the volunteers will be. In particular, we need a couple of people willing to do a little tour directing in return for free seats on the buses.

We will have posters publicizing our Convention for anyone who thinks they can put them up in their place of work. Also, we are still looking for Award Sponsors. Of the 40 Chapters who have sponsored Packages the past two successive Conventions, only 15 have responded to our requests. Must have spent their money on a car purchase. Isn't that what George Bush said it was a good time to do to kick-start the economy? Anyway, if the rest of the nation was as generous as some of the Region VII Chapters, we would be sitting pretty. If IPMS Miami can sponsor a package, why not the California Chapters, whose members stand a lot better chance of attending our Convention? So be it.

## NEW KITS/PRODUCTS

Academy, 35th: this is the firm that produces Minicraft's kits in Korea. In Asian they are selling an Israeli Merkava II MBT, although I don't know if Minicraft will be importing this kit under their label. Ask them in July!!

Cromwell Models, 35th: resin kits of two pioneering inter-war British "tankettes", the Vickers Mk IIB and Mk V.

Finemolds/Hasegawa: Finemolds is actually a small (very) Japanese firm using the most modern mold-tooling techniques available to produce limited-run kits. They are marketed by Hasegawa. Their two latest kits are listed in the Hasegawa section of the NEW AIRCRAFT KITS listing shown later. The XF5U-1 "Flying Pancake" will sell here for \$40.00 or more. I am told their Japanese Autogyro is selling locally for \$32.00.

Italeri, 720th Soviet Aircraft Carrier "Tbilisi". Guess Italeri will have to overprint the word "Soviet" on the box top!! Also a kit to the same scale of the U.S.S. Independence (CV 62).

Pitroad, 700th: for all you ship modelers, two new kits. US Navy CVL-24 "Belleau Wood" light aircraft carrier, and a modern "Kidd" Class destroyer. Whilst on ship models, a new firm Derrickpost, produces a 700th scale kit in resin and metal of the Heavy Cruiser "USS San Francisco".

## NOTED:

Bandai 48th scale British and German armor kits. A. Birkbeck, (206) 522-3539. For cash or trade.

MicroScale decals: Sheet 158 72nd Blue Angels, F8 Bearcat aircraft only. Call Kevin Callahan, (206) 941-2718

REVIEW: Eagles Talon 1/48th Mitsubishi Navy Type 96 (A5M4) "Claude"  
(by Jim Schubert)

This is a very good vacuum formed kit at a fraction of the cost of the Fine Molds kit of the precedent A5M1. The only parts I plan to replace are the engine and propeller. The surface detailing comprises sharp, slightly incuse, panel lines, etc.

My parts box just happens to contain a Mania (Hasegawa) Nate engine, which with a Tamiya Zeke 21's crankcase nose, is the correct size and looks just right. The spinnerless three bladed prop, which has finely tapered blades, will be tough to convert from some other suitable donor prop - if I can find one. I plan to use a complete Tamiya Zeke 21 cockpit to detail the Claude. The tail wheel will also have to be found in the spares box as none is provided in the kit.

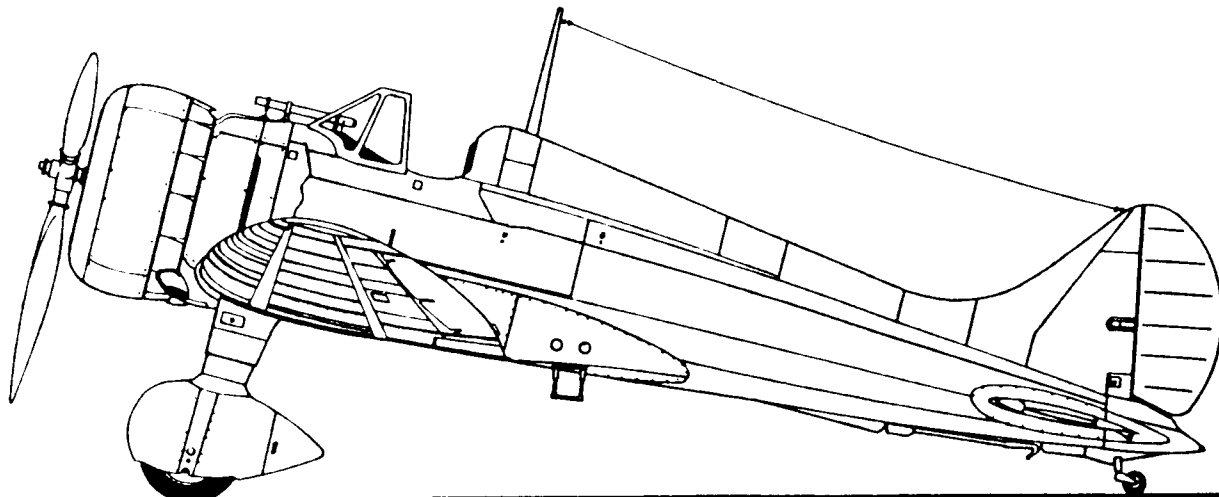
Eagles Talon provide a good history, a great 1/48th four view drawing and adequate instructions. They also provide a useable vac-formed windscreen. Unusual for a vac-form kit, they also provide decals - minus Hinomarus - for two natural metal machines with black engine cowls and red tails.

The A5M1 was the first production model of the "Claude"; the A5M4 was the last and most numerous. The A5M4 is also the best documented with dozens of published color schemes and a great Maru Mechanic devoted to it. The best overall reference for the A5M series is Air Enthusiast Quarterly No. 19.

If 1/72nd is your scale you're in luck too because over 30 years ago Nichimo produced an excellent A5M4, which they still issue. Apart from its incredibly poor engine and virtually no cockpit detail the kit is outstanding - better than many current issues in 72nd. Mine, in the markings of Saburo Sakai's Hainan Air Force machine, took second in class in the IPMS/USA 1972 National.

**HELP -**

Does anybody out there have a copy of the Claude issue of Maru Mechanic they'd be willing to sell/trade?





*Registration Form*  
**1992 IPMS-USA Convention**  
**July 9-12, 1992**  
**Seattle, Washington**

|   |             |              |     |
|---|-------------|--------------|-----|
| Name  | IPMS Number | Phone Number |     |
| Street Address  | City        | State        | Zip |
| Name(s) of Spouse or other guests attending (and included with this registration) |             |              |     |

**REGISTRATION FEE SCHEDULE**

|                      |   | <u>Cost:</u> | <u>Number:</u> | <u>Sub Total:</u> |
|----------------------|---|--------------|----------------|-------------------|
| <b>Registration:</b> | Regular   | 25.00        | 1              | 25.00             |
|                      | Junior (age 15 yrs or younger)  | 7.00         | _____          | _____             |
|                      | Absentee (program only)   | 15.00        | _____          | _____             |
|                      | Visitors (no program nor model entries)   |              |                |                   |
|                      | Individuals   | 5.00         | _____          | _____             |
| Families             | 10.00   | _____        | _____          |                   |
| <b>Tours:</b>        | NAS Whidbey Island (Friday)   | 25.00        | _____          | _____             |
|                      | Ft. Lewis & McChord AFB Museums (Thursday)  | 16.00        | _____          | _____             |
|                      | Museum of Flight & Flightfest '92 (Saturday)  |              |                |                   |
|                      | Boeing Field  | 16.00        | _____          | _____             |
|                      | Boeing Assembly Plant & (Thursday & Friday)   |              |                |                   |
|                      | MOF Restoration Area (Paine Field)  | 15.00        | _____          | _____             |
|                      | ➔ Please specify 1st choice: Thurs. <input type="checkbox"/> or Friday <input type="checkbox"/> |              |                |                   |

**Banquet & Awards:**  
 (Saturday evening, July 11) 25.00    1    25.00

**Speaker's Reception:**  
 (Friday evening, July 10) 5.00    \_\_\_\_\_

**Total Enclosed:**

50.00

|   |                             |
|---|-----------------------------|
| Please make your check payable to       | IPMS SEATTLE '92 Convention |
| IPMS Seattle '92 Convention and mail it | P.O. Box 15329              |
| with this form to:                      | Seattle, WA 98115-0329      |

Building the OEZ/Letohrad SU-7 Fitter-A in 1:48 Scale  
By Rocky Rockwell

The SU-7 series of fighter-bomber aircraft from Sukhoi OKB is a classic example of incremental development in aircraft design. First introduced in the 1950's, the SU-7, NATO code-named "Fitter", underwent numerous changes over its long production life, from the SU-7 to the swing-wing SU-17, then SU-20, and finally the SU-22, two of which were victimized by a pair of Navy Tomcats over the Gulf of Sidra back in 1981. The role of the aircraft remained essentially the same, and its NATO code name was unchanged, except for the mod suffix, in spite of changes in its design. Though perhaps lacking the recognition and fame of the more widely known MiG fighters, the SU-7 and its variants are nonetheless among the most successful Soviet warplanes ever built.

The OEZ kit is the only 1:48 scale kit on the market as far as I know, (except ESCI's, which is the same kit in a different box) and while the fit is not very good, the kit does let you build an accurate model of either the BKL or the BMK variant. The molding is generally on a par with ESCI, and the plastic is soft, but it's clean and free of flash or sink marks, and the mold lines are very fine and easy to remove.

The cockpit is well detailed, offering side panels with lots of molded in gizmos and a not-half-bad instrument panel with recessed dial faces. The seat, however, is terrible. It's the sort of thing I'd expect from ESCI, or worse. It's very crude, with no cushion or harness, and no detail to the frame at all. You'll need to cobble something up to replace it. Later BKL's and all BMK's had the KM-1 ejection seat as used in the MiG-21, for which some limited references are available to help you scratchbuild something that looks right.

The canopy comes in two flavors, a single piece to build the kit with the canopy shut and a two-piece canopy for building in the open position. Note that this also gives you a spare, so if you screw one up you can still use the other. The canopy is clear enough, but quite thick, and opens by sliding to the rear like the F-86. It fits okay, though you may need a little careful sanding to get it to fit perfectly. It's more brittle than the stuff the rest of the kit is molded in, so be careful to avoid cracking it.

The instructions tell you to put weight in the nose, but they don't say how much. Because of the sweep of the wings and the massive fuselage and tail, there's a lot of plastic aft of the main gear struts, and it takes a good deal of weight up front to counterbalance it. The instructions tell you to put the weight inside the shock cone, but there isn't enough room for the amount you'll need, so you'll have to put more in behind the nose cone assembly, or just behind the cockpit bulkhead. The shock cone assembly consists of about five parts, and fits inside the fuselage halves. The trick is keeping it straight while the glue dries so the tip of the cone doesn't "wander" off center. There is a separate piece for the nose, giving the finished model a nice, thin intake wall, and this goes on the front of the assembled fuselage. Some filling and sanding may be needed to match these parts up smoothly.

The fit of the fuselage halves is reasonably good, needing just a bit of putty to touch up the seams. Surface detail is good, with engraved panel lines. Sadly, there are rather large gaps where the wing roots meet the fuselage, and shims and putty are needed to fill these. The same is true of the vertical and horizontal stabilizers - neither mates well to the rear fuselage, and some work is needed to fill the gaps. The wing halves go together without much fuss, though they need a bit of filler at the tips due to a slight mismatch. If you're building a BMK version, you'll have to remove some contours in the lower fuselage sides where the main gear doors go.

On the positive side, the kit gives you separate ailerons and rudder, so you can position them as you wish. There are separate parts for the 4 airbrakes in the rear fuselage, and two little bleed air vents that go in the sides of the body. You get clear parts for the landing and running lights, as well as two "Odd Rods" IFF antennas, and there are a whole batch of little air scoops, as well as the fuel line/control cable fairings that were used on all but the early model Fitter-A's. These scoops and fairings could easily have been molded in, and why they weren't escapes me, unless OEZ decided that more parts automatically means a better kit... The air data probe for the nose needs some work - the base is square, and needs to be cut at an angle to line up properly and point straight ahead like it's supposed to. Anyway, all these goodies result in a reasonably detailed exterior, which greatly enhances the appearance of the finished kit.

You get landing gear options for either the BMK or BKL, the latter being equipped with skids that were designed to be extended when landing on unimproved runways or icy fields to shorten the stopping distance. The parts are adequately detailed, and fit okay, though the instructions are a bit ambiguous regarding assembly of the main gear struts. You also get both the standard nose wheel and door and the bulged nose gear door designed to accommodate the larger, low-pressure nose tire used on the BKL. There are two sets of main gear doors - one set of flat ones for the BMK, the other with bulges to accommodate the larger tires on the BKL. All the doors come in one piece, and need to be cut along pre-grooved lines into 3 parts for the BKL, or 2 pieces for the BMK. These pieces are tricky to attach to the main gear assembly, since there are no real mounting points and you have to eyeball the positioning.

The kit provides several underwing stores options - fuel tanks, rocket pods, air-to-ground rockets and bombs. The UB-16 rocket pods are the best in terms of accuracy and detail, but you only get two of them. The instructions tell you to mount both inboard and outer wing pylons, but production BKL variants had only the inner pylon on each wing. The outer pylons did not become standard until the later BMK model (though most BKL's were later retrofitted with them). The Fitter was a thirsty brute, and only carried some 650 gallons of fuel internally, so most SU-7's carried extra fuel tanks mounted under the belly or on the inboard wing pylons.

The decals are all on one large sheet of decal film, rather than the individual type found in most kits. This is no problem, since you gotta cut the things out anyway - may as well trim right at the edges. They are thin enough, and the registration is good, though the colors seem overly bright. You get markings for Czechoslovakian, Algerian, and Indian air forces, as well as the now-defunct USSR. There are others available from Superscale that will let you mark the plane for Syrian, Egyptian or Finnish users, to name but a few. Most Fitter-A's in Russian service were left in bare metal finish, while many non-Soviet planes were painted in various camouflage schemes. Starting in the early 70's, most Eastern-bloc Fitters were repainted in camo as well. Just do a little homework to be sure the colors you use were used by the nationality you're marking the kit for.

In summary, while this offering from OEZ certainly has its shortcomings, it is also surprisingly good in many respects. If you're willing to replace the seat and put in a little work on the spots where the Fitter doesn't fit, it can be made into a very nice rendition of an aircraft that, in some form or other, has seen service for over thirty years, and in its later versions is still flying with a variety of forces around the world. With the kit now available under the ESCI label at about \$13 mail order, the price is lower than I paid for the original from OEZ, and shouldn't be too painful for the only 1:48 scale SU-7 kit on the market.

**OFFICIAL CONVENTION VOLUNTEER FORM**

(please fill in and return to Andrew Birkbeck)

Your Name: \_\_\_\_\_

Your Telephone #: \_\_\_\_\_

YES!!! Count me in to provide needed assistance in the running of the 1992 IPMS/USA National Convention. Please mark me down as a reliable volunteer for the following:

Number of Three Hour Shifts : 1 2 3 4 5

Which Days are you available? Thursday Friday Saturday

Which time periods: Mornings Afternoons Evenings All DAY Every DAY

I would particularly like to volunteer for: Registration Duties

Tours

Security (Contest and Vendors rooms)

Anything to Help

Except tours

Yes, I am certifiably insane, and would like to volunteer for all three days of the Convention, all day and into the night:

Tick box: [] See Above

Those who volunteer for full day shifts will be entitled to the use of a hotel room at no charge, plus refreshments as appropriate. This would include free overnight accommodation for those who required it.

**TOY AND HOBBY FAIR 1992  
NEW AND REISSUED KITS**

*1:72nd scale unless otherwise stated)*

**Academy/Minicraft**

Boeing B-29A  
Boeing KB-29P  
Boeing B-50D  
Consolidated PB4Y-1 Liberator  
Consolidated PB4Y-1 Liberator  
Focke Wulf FW 190A-8  
Grumman F6F-5 Hellcat  
McDD AH-64A Apache\*  
Mikoyan MiG-29\*  
Mikoyan MiG-29UB\*  
McDD F-15E Strike Eagle  
Vought F4U-4B Corsair\*

**Airfix**

Bristol Bulldog  
Fiat G.50  
NA P-51D Mustang  
Savoia-Marchetti SM.79  
Lockheed YF-22

BAe Harrier GR.7+  
Panavia Tornado GR.1+  
Mikoyan MiG-29+  
McDD F-15A/B Eagle+  
Lockheed YF-22  
Ilyushin Il-28  
Weapons RAF/NATO+  
Lockheed F-117A  
Bristol Bloodhound  
Supermarine Spitfire Vb\*+  
Dassault Mirage 2000B\*  
Panavia Tornado GR.1/1A\*  
Panavia Tornado GR.1/1A\*§

**AMT**

Grumman F-14A Tomcat§  
McDD F-15C Eagle§  
GD F-16A Fighting Falcon§  
McDD F-18A Hornet§  
Boeing C/KC-135A Stratotanker  
Lockheed AC-130H Hercules

McDD AV-8A Harrier  
Lockheed F-117A  
GD F-111A  
McDD F-15E Eagle  
McDD AH-64A Apache  
Bell 222\* (California Highway Patrol)  
Bell UH-1D Iroquois\*  
McDD F-4C/D Phantom\*  
Fairchild A-10A\*

**Dragon**

Boeing B-52D (1:200th)  
Panavia Tornado (Marinefleiger) (1:144th)  
Panavia Tornado GR.1§ (1:144th)  
Lockheed F-117A§ (1:144th)  
GD F-16A Fighting Falcon§ (1:144th)  
Grumman A-6E Intruder§ (1:144th)  
McDD AV-8B Harrier II§ (1:144th)  
Fairchild A-10A§ (1:144th)  
Grumman F-14A Tomcat VF-1 (1:144th)

*(Continued on next page)*



GD F-16A Fighting Falcon 'Tiger Meet' (1:144th)  
 Mikoyan MiG-23 GDR/JF-9 (1:144th)  
 Mikoyan MiG-29 GDR/JF-3 (1:144th)  
 Mikoyan MiG-29 'Swifts' (1:144th)  
 Sukhoi Su-22 GDR/JBG.77 (1:144th)  
 Sukhoi Su-27 'Russian Knights' (1:144th)  
 Modern Soviet Weapons Set 2 (air-to-surface)  
 Modern Soviet Weapons Set 3 (rockets and bombs)  
 Arado Ar 234B-2  
 Arado Ar 234C-3  
 Heinkel He 219A-0 Uhu  
 Heinkel He 219A-7 Uhu  
 Focke Wulf Ta 152C-0  
 Focke Wulf Ta 152H-1  
 Dornier Do 335A-1  
 Focke Wulf FW 190A-5\*  
 Focke Wulf FW 190A-8\*  
 Focke Wulf FW 190D-9\*  
 Gotha Go 229A-0\*  
 Heinkel He 162A-2\*  
 Junkers Ju 88G-6\*  
 Mistel 2/Focke Wulf FW 190A/Junkers Ju 88G\*  
 Messerschmitt Me 163B-1a\*  
 Messerschmitt Me 262A-1a\*  
 Fokker Dr.1\*

**Doyusha**  
 Aerospatiale/BAC Concorde (1:144th)  
 Boeing 707 (Lufthansa/Luftwaffe) (1:100th)  
 Boeing 707/VC-137 'Air Force One' (1:100th)  
 Boeing 737 ANA (1:100th)  
 Boeing 747 JAL (1:100th)

**Emhar**  
 McDonnell F3H-2 (F3-B) Demon  
 McDonnell F3H2-M/N (F3-C) Demon

**Esoteric**  
 Boulton-Paul Sidstrand/Overstrand  
 Grumman XF10F-1 Jaguar  
 Nieuport 29 (r)  
 Hughes 300 (r)  
 Hiller H-23 Raven (r)  
 Supermarine S.14/44 Seagull ASR.1  
 Fiat CR.20  
 Martin AM-1 Mauler  
 Douglas BTD Destroyer

**Esci**  
 Panavia Tornado GR.15  
 McDD F-18A Hornet  
 McDD F-15C Eagle  
 Grumman F-14A Tomcat  
 GD F-16A Fighting Falcon  
 McDD RF-4C Phantom  
 Boeing KC-135 Stratotanker  
 Douglas DC-3/Li 2  
 Fokker F.27 'Golden Knights'  
 Fokker F.27 Friendship (AT1)  
 Panavia Tornado GR.1\*5  
 Fairchild A-10A\*  
 Sepecat Jaguar GR.1\*5  
 McDD F-18 Hornet\*  
 Hawker Tempest V\*  
 Lockheed Vega 'Winnie Mae' } AMT?  
 Curtiss P-36A\*  
 Martin B-26B Marauder\*  
 Beech G-17S 'Staggerwing'\*  
 Stinson Reliant\*

**Fujimi**  
 Sikorsky SH-3H Sea King  
 Mikoyan MiG-29 'Swifts'  
 Grumman A-6E Intruder  
 Grumman E-2C Hawkeye  
 Mikoyan MiG-21PF (early) 'Phantom Killer' (NVAF, Hungary)  
 Mikoyan MiG-21MF 'African MiG'  
 Mikoyan MiG-21MF 'Red Stars'  
 Mikoyan MiG-21MF 'Pinup MiG' (Czech)  
 McDD F-4D Phantom  
 Grumman F-14A Tomcat 'Black Tail' (VF-32)  
 Grumman F-14D Tomcat

**Hasegawa**  
 Mitsubishi Mu-2A  
 Fuji T-1A/B  
 Mikoyan MiG-29 'Swifts'  
 Macchi MC.202  
 Yakovlev Yak-3  
 Focke Wulf FW 190A-8  
 Focke Wulf FW 190F-8  
 Chance-Vought XF5U-1 'Flying Pancake'  
 Kawasaki Ki-61 Hien Type 5  
 Messerschmitt Bf 109G-2\*  
 North American P-51D Mustang\*  
 North American P-51D Mustang (early)\*  
 McDD F/A-18A Hornet\*

**Heller**  
 McDD TAV-8B Harrier II  
 Mikoyan MiG-29UB +  
 Sukhoi Su-27UB +  
 Lockheed YF-22  
 Dassault Mirage 2000C  
 LTV A-7E Corsair II  
 Aerospatiale AS.532 Cougar  
 Weapons US/NATO/France +  
 Lockheed F-117A  
 Boeing E-3A Sentry (USAF)  
 Dassault Mirage 2000C\*  
 Dassault Mirage IIIB/C\* +  
 Junkers Ju 87B\* +  
 Dassault Rafale\* +  
 Bell OH-58 Kiowa\*

**Hobbycraft (Canada)**  
 Sukhoi Su-22F (1:144th)  
 Sukhoi Su-22M (1:144th)  
 Sukhoi Su-27 (1:144th)  
 Mikoyan MiG-31 (1:144th)  
 Northrop F-89C Scorpion  
 Northrop F-89D Scorpion  
 Northrop F-89H Scorpion  
 Northrop F-89J Scorpion  
 Messerschmitt Bf 109B\*  
 Messerschmitt Bf 109C\*  
 Messerschmitt Bf 109D\*  
 Messerschmitt Bf 109E\*  
 de Havilland Vampire F.1\*  
 de Havilland Vampire FB.5\*  
 de Havilland Vampire NF.10\*  
 de Havilland Vampire T.11\*

Seversky P-35\*  
 Seversky P-35A\*  
 Seversky Racer\*  
 Curtiss P-36C\*  
 Curtiss Hawk 75\*  
 Curtiss Hawk 75M/N/O\*  
 Boeing P-26\*  
 Boeing Philippine P-26\*  
 Heinkel He 111F\*  
 Heinkel He 111H-6\*  
 Heinkel He 111H-20 with V-1\*  
 Junkers Ju 88C\*  
 Junkers Ju 88G\*  
 Junkers Ju 88S\*  
 Lockheed T-33A Silver Star\*  
 Lockheed RT-33\*  
 Lockheed F-94B Starfire\*  
 McDD AH-64A Apache\*5

**Italeri**  
 Panavia Tornado IDS (1:144th)  
 GD F-16A Fighting Falcon (1:144th)  
 Sukhoi Su-27 (1:144th)  
 Mikoyan MiG-27 Flogger-D (1:144th)  
 Sikorsky SH-60B Seahawk  
 Dassault Mirage 2000C  
 Eurocopter Tigre HAP  
 Mil Mi-8/17  
 Mil Mi-24D/E  
 Lockheed C-130E/H  
 McDD F/A-18C/D Hornet  
 Hughes AH-64 'Night Fox'  
 Junkers Ju 88A-4  
 Sukhoi Su-24 'Fencer C'  
 Northrop B-2  
 McDD AH-64 Apache\*  
 Bell AH-1W SuperCobra\*  
 Panavia Tornado IDS\*5

**Maintrack**  
 'Project-X'  
 Lockheed XST 'Have Blue' (r)  
 Lockheed XF-90  
 McDonnell XF-88  
 Republic XF-84H 'Thundercreech'  
 Republic XF-91 Thunderceptor  
 North American F-107A  
 North American YF-93A  
 Avro 707A  
 Bristol Type 188  
 de Havilland DH.108 Swallow  
 North American RF-100A\* (conversion)  
 Lockheed XST 'Have Blue'\*  
 Armstrong Whitworth Siskin 2-seater (conversion)  
 Bristol Bulldog 2-seater (conversion)  
 Lockheed U-2R/TR-1 mod pack\*  
 Hawker Sea Fury T.20\* (conversion)  
 North American F-82 Twin Mustang\* (conversion)  
 Westland Sea King HAS.5\* (conversion)

**Matchbox**  
 GD F-16A Fighting Falcon (1:144th)  
 Panavia Tornado GR.15 (1:144th)  
 McDD F/A-18A Hornet (1:144th)  
 McDonnell F-4E Phantom II (1:144th)  
 Dornier Alpha Jet  
 Mikoyan MiG-21MF  
 Dassault Mirage IIIB  
 Hawker Siddeley Buccaneer S.25

LTV A-7D Corsair II5  
 McDD AH-64A Apache (Israeli)  
 GD F-16A Fighting Falcon  
 McDonnell F-101F/B Voodoo  
 Arado Ar 234C (plus V-1)  
 Dornier Do 17Z  
 Dornier Do 335  
 Douglas P-70  
 Lockheed F-117A  
 Mikoyan MiG-29  
 McDD F-15C Eagle

**Monogram**  
 Lockheed YF-22 (Snapite)  
 North American F-100 Super Sabre\*  
 Junkers Ju 87G-1\*  
 RAF SE.5A\* *Aurore?*  
 Mikoyan MiG-15\*  
 de Havilland Mosquito\*  
 Lockheed P-38J Lightning\*  
 Douglas DC-3 (Eastern/Classic Air)\*  
 Grumman EA-6B Prowler\*  
 Cessna A-37 Dragonfly\*  
 Wright Flyer (1:40th)  
 Bell UH-1B Iroquois (1:24th)

**MPM**  
 Tupolev SB-2\*  
 Petlyakov Pe-2\*  
 Siebel Si 204/Aero C-3\*  
 Focke Wulf FW 58B\*  
 Focke Wulf FW 58C\*  
 Dornier Do 217K\*  
 Dornier Do 217N\*  
 Bucker Bu 181\*

**Pegasus**  
 Fairey Fulmar

**Rareplanes**  
 Consolidated PB2Y-1 Coronado (USN/RAF/civil)

**Revell**  
 Supermarine Spitfire Mk.I (1:144th)  
 Hawker Hurricane Mk.I (1:144th)  
 Hawker Typhoon Mk.Ib (1:144th)  
 Hawker Tempest Mk.V (1:144th)  
 Messerschmitt Bf 109E (1:144th)  
 Focke Wulf FW 190A (1:144th)  
 Junkers Ju 87B Stuka (1:144th)  
 Messerschmitt Me 262A (1:144th)  
 North American P-51B Mustang (1:144th)  
 Republic P-47D Thunderbolt (1:144th)  
 Vought F4U-1 Corsair (1:144th)  
 Grumman F6F-3 Hellcat (1:144th)  
 Dornier Alpha Jet (1:144th)  
 BAC Lightning F.6 (1:144th)  
 Airbus A340-300 (1:144th)  
 Boeing 767-300 (BA, Gulf Air) (1:144th)  
 Boeing 767 (Lauda, LTU) (1:144th)  
 Dornier Do X (1:144th)  
 Tupolev Tu-95 Bear-D (1:144th)  
 Boeing 747 (Lufthansa) (1:144th)  
 Hawker Hurricane Mk.I  
 Vought F4U-1 Corsair  
 Spad XIII C-1  
 Sopwith Camel  
 North American Harvard Mk.II  
 Heinkel He 219A  
 Focke Wulf FW 190A  
 Republic P-47D Thunderbolt  
 Junkers F-13

Focke Wulf FW 200 (Syndicato Condor)  
 MBB BK-117 (Space Ship)  
 Westland Lynx (Marineflieger)  
 Northrop/McDD YF-23  
 Douglas A-1E Skyraider  
 McDonnell F-101 Voodoo  
 Junkers Ju 87  
 McDonnell RF-4E Phantom II  
 GD F-16  
 Supermarine Seafire Mk.Ib (1:32nd)  
 Grumman Martlet Mk.V (1:32nd)  
 Grumman F3F-3 Gulfhawk (1:32nd)  
 McDD F-15E Strike Eagle (1:32nd)  
 GD F-16C Fighting Falcon (1:32nd)  
 Saab JAS-39 Gripen (1:32nd)  
 Lockheed F-104G Starfighter 'Last Flight' (1:32nd)  
 Fokker Dr.1 (1:28th)

**Tamiya**  
 Bell X-1  
 Brewster F2A-2 Buffalo  
 Avro Lancaster  
 Fairchild A-10A Thunderbolt II  
 McDD F-15C Eagle

**Tauro**  
 Macchi MC.202 (three versions)  
 Macchi MC.205 Veltro

\* 1:48th scale  
 + Hi-Tech  
 § Gulf war/Desert Storm markings



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