

48th Scale
NO.
48-14



DEVASTATOR & BUFFALO

MICROSCALE DECAL

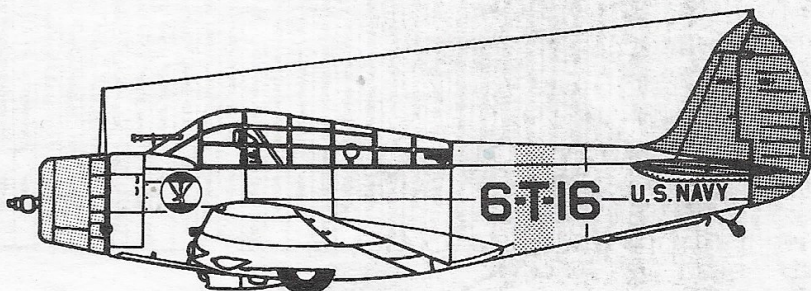
BY KRASEL INDUSTRIES, INC., SANTA ANA, CA. 92705

AIRCRAFT

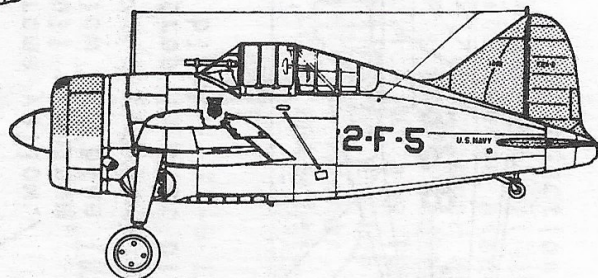
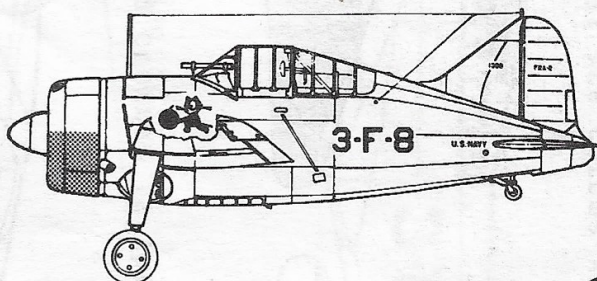
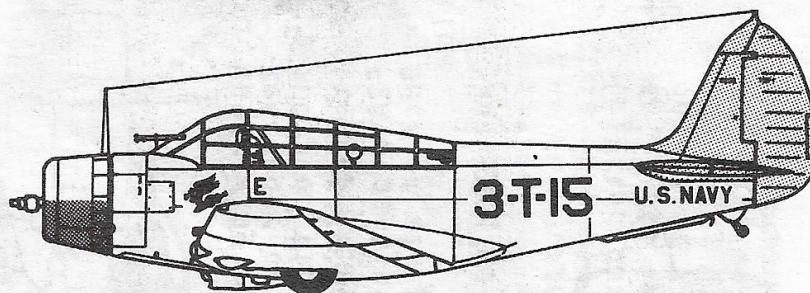
\$2.00

Recommended kits: Monogram TBD
Tamiya F2A

True blue-FS 15123 (Testors 1111)
Insignia red- FS 11136 (Testors 1103)
Willow green-FS 14187 (Testors 1224 + 20% 1214 yellow)
Lemon yellow-FS 13655 (Pactra Lemon yellow)
Chrome yellow-FS 13538 (Testors 1114)



Official painting chart and markings for every TBD-1 built is included.



★ The International Plastic Modelers Society is an organization devoted to developing the plastic modeling art. It was formed "by modelers - for modelers". If you wish to expand your modeling talents, write for further information to:
IPMS/USA, P.O. Box 163, Ben Franklin Station, Wash. D.C. 20044.

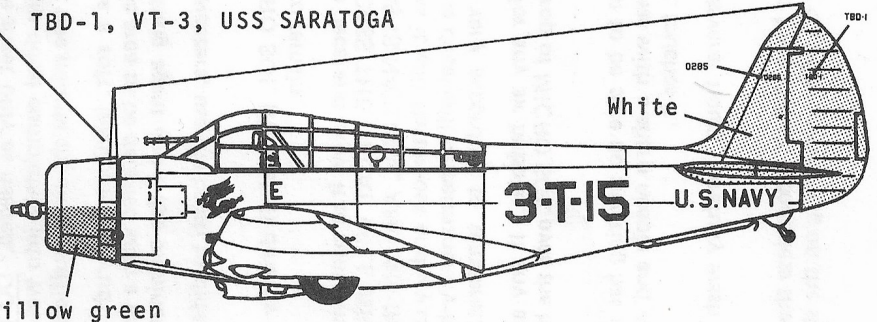
MICROSCALE SHEET #48-14 DEVASTATOR & BUFFALO

GOVT SERIAL NO.	SQUADRON IN SIGMA	COLOR OF THE SURFACE	SQUADRON IN SIGMA PLANE NO IN SIGMA	COLOR OF WING CHEVRON	WING NO (WING NO IN SIGMA)	MARKING OF ENGINE COVER RING	COLOR OF SURF LEADING FUELBASE BAND
0268	NONE	ALUMINUM	NONE	NONE	NONE	NONE	NONE
0269	NONE	ALUMINUM	NONE	NONE	NONE	NONE	NONE
0270	SARATOGA	WHITE	3-T-8	TRUE BLUE	8	UPPER HALF TRUE BLUE	NONE
0271	SARATOGA	WHITE	3-T-2	INSIGNIA RED	2	UPPER HALF INSIGNIA RED	NONE
0272	NONE	ALUMINUM	NONE	NONE	NONE	NONE	NONE
0273	SARATOGA	WHITE	3-T-9	TRUE BLUE	9	LOWER HALF TRUE BLUE	NONE
0274	SARATOGA	WHITE	3-T-3	INSIGNIA RED	3	LOWER HALF INSIGNIA RED	NONE
0275	SARATOGA	WHITE	3-T-6	WHITE	6	COMPLETE WHITE	WHITE
0276	SARATOGA	WHITE	3-T-5	WHITE	5	UPPER HALF WHITE	NONE
0277	SARATOGA	WHITE	3-T-6	WHITE	6	LOWER HALF WHITE	NONE
0278	SARATOGA	WHITE	3-T-7	TRUE BLUE	7	COMPLETE TRUE BLUE	TRUE BLUE
0279	SARATOGA	WHITE	3-T-1	INSIGNIA RED	1	COMPLETE INSIGNIA RED	INSIGNIA RED
0280	SARATOGA	WHITE	3-T-10	BLACK	10	COMPLETE BLACK	BLACK
0281	SARATOGA	WHITE	3-T-11	BLACK	11	UPPER HALF BLACK	NONE
0282	SARATOGA	WHITE	3-T-12	BLACK	12	LOWER HALF BLACK	NONE
0283	SARATOGA	WHITE	3-T-13	WILLOW GREEN	13	COMPLETE WILLOW GREEN	WILLOW GREEN
0284	SARATOGA	WHITE	3-T-14	WILLOW GREEN	14	UPPER HALF WILLOW GREEN	NONE
0285	SARATOGA	WHITE	3-T-15	WILLOW GREEN	15	LOWER HALF WILLOW GREEN	NONE
0286	SARATOGA	WHITE	3-T-16	LEMON YELLOW	16	COMPLETE LEMON YELLOW	LEMON YELLOW
0287	SARATOGA	WHITE	3-T-17	LEMON YELLOW	17	UPPER HALF LEMON YELLOW	NONE
0288	SARATOGA	WHITE	3-T-18	LEMON YELLOW	18	LOWER HALF LEMON YELLOW	NONE
0289	SARATOGA	WHITE	3-T	NONE	NONE	COMPLETE PRIMER ONLY	NONE
0290	SARATOGA	WHITE	3-T	NONE	NONE	COMPLETE PRIMER ONLY	NONE
0291	SARATOGA	WHITE	3	NONE	NONE	COMPLETE PRIMER ONLY	PRIMER ONLY
0292	LEXINGTON	LEMON YELLOW	2-T-9	TRUE BLUE	9	LOWER HALF TRUE BLUE	NONE
0293	LEXINGTON	LEMON YELLOW	2-T-8	TRUE BLUE	8	UPPER HALF TRUE BLUE	NONE
0294	LEXINGTON	LEMON YELLOW	2-T-6	WHITE	6	LOWER HALF WHITE	NONE
0295	LEXINGTON	LEMON YELLOW	2-T-5	WHITE	5	UPPER HALF WHITE	NONE
0296	LEXINGTON	LEMON YELLOW	2-T-3	INSIGNIA RED	3	LOWER HALF INSIGNIA RED	NONE
0297	LEXINGTON	LEMON YELLOW	2-T-2	INSIGNIA RED	2	UPPER HALF INSIGNIA RED	NONE
0298	LEXINGTON	LEMON YELLOW	2-T-7	TRUE BLUE	7	COMPLETE TRUE BLUE	TRUE BLUE
0299	LEXINGTON	LEMON YELLOW	2-T-4	WHITE	4	COMPLETE WHITE	WHITE
0300	LEXINGTON	LEMON YELLOW	2-T-1	INSIGNIA RED	1	COMPLETE INSIGNIA RED	INSIGNIA RED
0301	LEXINGTON	LEMON YELLOW	2-T-18	LEMON YELLOW	18	LOWER HALF LEMON YELLOW	NONE
0302	LEXINGTON	LEMON YELLOW	2-T-17	LEMON YELLOW	17	UPPER HALF LEMON YELLOW	NONE
0303	LEXINGTON	LEMON YELLOW	2-T-15	WILLOW GREEN	15	LOWER HALF WILLOW GREEN	NONE
0304	LEXINGTON	LEMON YELLOW	2-T-14	WILLOW GREEN	14	UPPER HALF WILLOW GREEN	NONE
0305	LEXINGTON	LEMON YELLOW	2-T-12	BLACK	12	LOWER HALF BLACK	NONE
0306	LEXINGTON	LEMON YELLOW	2-T-11	BLACK	11	UPPER HALF BLACK	NONE
0307	LEXINGTON	LEMON YELLOW	2-T-16	LEMON YELLOW	16	COMPLETE LEMON YELLOW	LEMON YELLOW
0308	LEXINGTON	LEMON YELLOW	2-T-13	WILLOW GREEN	13	COMPLETE WILLOW GREEN	WILLOW GREEN
0309	LEXINGTON	LEMON YELLOW	2-T-10	BLACK	10	COMPLETE BLACK	BLACK
0310	LEXINGTON	LEMON YELLOW	2-T	NONE	NONE	COMPLETE PRIMER ONLY	NONE
0311	LEXINGTON	LEMON YELLOW	2-T	NONE	NONE	COMPLETE PRIMER ONLY	NONE
0312	LEXINGTON	LEMON YELLOW	2	NONE	NONE	COMPLETE PRIMER ONLY	PRIMER ONLY
0313	YORKTOWN	INSIGNIA RED	5-T-18	LEMON YELLOW	18	LOWER HALF LEMON YELLOW	NONE
0314	YORKTOWN	INSIGNIA RED	5-T-17	LEMON YELLOW	17	UPPER HALF LEMON YELLOW	NONE
0315	YORKTOWN	INSIGNIA RED	5-T-16	LEMON YELLOW	16	COMPLETE LEMON YELLOW	LEMON YELLOW
0316	YORKTOWN	INSIGNIA RED	5-T-10	BLACK	10	COMPLETE BLACK	BLACK
0317	YORKTOWN	INSIGNIA RED	5-T-11	BLACK	11	UPPER HALF BLACK	NONE
0318	YORKTOWN	INSIGNIA RED	5-T-12	BLACK	12	LOWER HALF BLACK	NONE
0319	YORKTOWN	INSIGNIA RED	5-T-4	WHITE	4	COMPLETE WHITE	WHITE
0320	YORKTOWN	INSIGNIA RED	5-T-5	WHITE	5	UPPER HALF WHITE	NONE
0321	YORKTOWN	INSIGNIA RED	5-T-6	WHITE	6	LOWER HALF WHITE	NONE
0322	ENTERPRISE	TRUE BLUE	6-T-1	INSIGNIA RED	1	COMPLETE INSIGNIA RED	INSIGNIA RED
0323	ENTERPRISE	TRUE BLUE	6-T-2	INSIGNIA RED	2	UPPER HALF INSIGNIA RED	NONE
0324	ENTERPRISE	TRUE BLUE	6-T-3	INSIGNIA RED	3	LOWER HALF INSIGNIA RED	NONE
0325	ENTERPRISE	TRUE BLUE	6-T-4	WHITE	4	COMPLETE WHITE	WHITE
0326	ENTERPRISE	TRUE BLUE	6-T-5	WHITE	5	UPPER HALF WHITE	NONE
0327	ENTERPRISE	TRUE BLUE	6-T-6	WHITE	6	LOWER HALF WHITE	NONE
0328	ENTERPRISE	TRUE BLUE	6-T-7	TRUE BLUE	7	COMPLETE TRUE BLUE	TRUE BLUE
0329	ENTERPRISE	TRUE BLUE	6-T-8	TRUE BLUE	8	UPPER HALF TRUE BLUE	NONE
0330	ENTERPRISE	TRUE BLUE	6-T-9	TRUE BLUE	9	LOWER HALF TRUE BLUE	NONE
0331	YORKTOWN	INSIGNIA RED	5-T-7	TRUE BLUE	7	COMPLETE TRUE BLUE	TRUE BLUE
0332	YORKTOWN	INSIGNIA RED	5-T-8	TRUE BLUE	8	UPPER HALF TRUE BLUE	NONE
0333	YORKTOWN	INSIGNIA RED	5-T-9	TRUE BLUE	9	LOWER HALF TRUE BLUE	NONE
0334	YORKTOWN	INSIGNIA RED	5-T-13	WILLOW GREEN	13	COMPLETE WILLOW GREEN	WILLOW GREEN
0335	YORKTOWN	INSIGNIA RED	5-T-14	WILLOW GREEN	14	UPPER HALF WILLOW GREEN	NONE
0336	YORKTOWN	INSIGNIA RED	5-T-15	WILLOW GREEN	15	LOWER HALF WILLOW GREEN	NONE
0337	YORKTOWN	INSIGNIA RED	5-T-1	INSIGNIA RED	1	COMPLETE INSIGNIA RED	INSIGNIA RED
0338	YORKTOWN	INSIGNIA RED	5-T-2	INSIGNIA RED	2	UPPER HALF INSIGNIA RED	NONE
0339	YORKTOWN	INSIGNIA RED	5-T-3	INSIGNIA RED	3	LOWER HALF INSIGNIA RED	NONE
0340	ENTERPRISE	TRUE BLUE	6-T-10	BLACK	10	COMPLETE BLACK	BLACK
0341	ENTERPRISE	TRUE BLUE	6-T-11	BLACK	11	UPPER HALF BLACK	NONE
0342	ENTERPRISE	TRUE BLUE	6-T-12	BLACK	12	LOWER HALF BLACK	NONE
0343	ENTERPRISE	TRUE BLUE	6-T-13	WILLOW GREEN	13	COMPLETE WILLOW GREEN	WILLOW GREEN
0344	ENTERPRISE	TRUE BLUE	6-T-14	WILLOW GREEN	14	UPPER HALF WILLOW GREEN	NONE
0345	ENTERPRISE	TRUE BLUE	6-T-15	WILLOW GREEN	15	LOWER HALF WILLOW GREEN	NONE
0346	ENTERPRISE	TRUE BLUE	6-T-16	LEMON YELLOW	16	COMPLETE LEMON YELLOW	LEMON YELLOW
0347	ENTERPRISE	TRUE BLUE	6-T-17	LEMON YELLOW	17	UPPER HALF LEMON YELLOW	NONE
0348	ENTERPRISE	TRUE BLUE	6-T-18	LEMON YELLOW	18	LOWER HALF LEMON YELLOW	NONE
0349	NONE	ALUMINUM	NONE	NONE	NONE	NONE	NONE

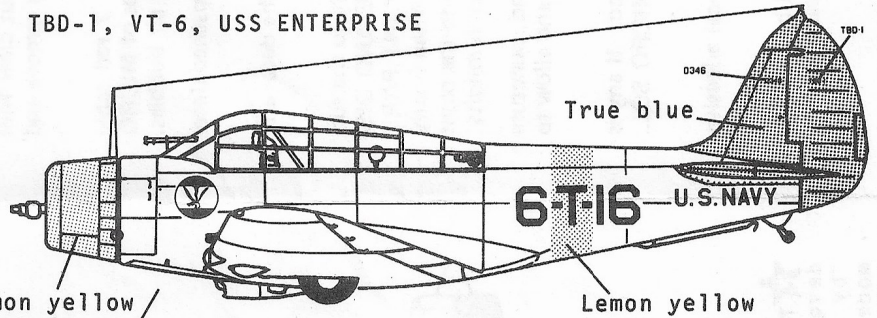
The accompanying chart is a reproduction of the official painting requirements for all the Douglas TBD-1 Devastators built. These planes were decorated at the factory in the manner described in the chart. Using this chart and these decals you can produce a replica of any TBD-1 as it appeared when it was delivered to the Navy. We are grateful to Mr. Robert D. Archer, aviation historian, for the use of this material.



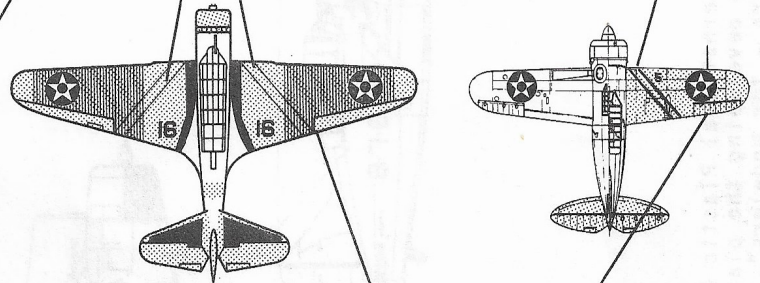
TBD-1, VT-3, USS SARATOGA



TBD-1, VT-6, USS ENTERPRISE

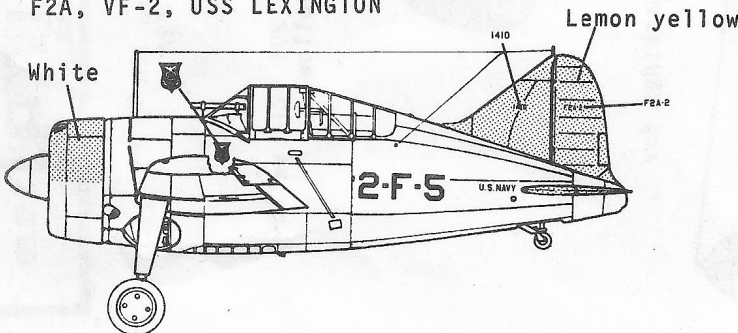


Color of wing chevron is the same as the nose

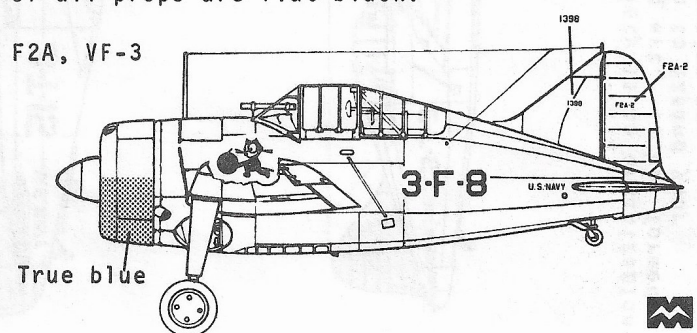


Upper wing surfaces are chrome yellow. Remainder of aircraft is dull aluminum. TBD prop tips are red, yellow and blue (Red outer), prop is polished metal. F2A prop tips are yellow, prop is flat black. Back of all props are flat black.

F2A, VF-2, USS LEXINGTON



F2A, VF-3



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DEVASTATOR & BUFFALO

MICROSCALE DECAL

BY KRASEL INDUSTRIES, INC., SANTA ANA, CA. 92705

AIRCRAFT

'2.00

The MICRO SCALE DECAL is the thinnest, most versatile decal made. It will conform to the irregular surfaces found on models because of its strength and flexibility. These characteristics are not found on any other decal made. When used with the MICRO SCALE SYSTEM the MICRO SCALE DECAL will help produce the most realistic model you can make.

The MICRO SCALE SYSTEM is simple to use but each step must be followed as described to assure perfect results. The elimination of any step may cause blushing (silvering of the decal film) or an uneven finish on the completed model.

THE MICRO SCALE DECAL SYSTEM

1. Surface to be decalced must have a smooth, glossy, painted finish. (Do not apply decals to unpainted surfaces or they will not adhere.) To obtain this surface either paint the model with glossy paints or spray MICRO GLOSS over matte-finish paint. **IMPORTANT:** Spray MICRO GLOSS over entire model or uneven patches will appear when the flat finish is added later. Allow paint to dry thoroughly.
2. For best results, surface to be decalced should be horizontal. A small vise is helpful here, or a box can be made into a jig to allow the model to lay on its side.
3. Cut each decal subject from the sheet only as needed. **DO NOT** cut clear film away from design. Using tweezers, dip decal completely into water then remove and allow decal adhesive to soften. About one minute should be sufficient.
4. While adhesive is softening use a soft, medium-size brush, a No. 7 red sable water color brush is ideal, and wet the area to be decalced with a few drops of MICRO SET (Blue label). This contains a wetting agent and helps eliminate tiny air bubbles.
5. Holding the decal paper with tweezers, use the brush to slide the loosened decal into the MICRO SET on the model.
6. Now place a few drops of MICRO SOL (Red label) directly onto the decal and position the decal exactly where it is to remain.
7. The MICRO SOL will soften the decal and allow it to conform exactly to the surface beneath. **DURING THIS PROCESS THE DECAL WILL WRINKLE AND DISTORT. DO NOT TOUCH IT! THIS IS NATURAL AND AN IMPORTANT PART OF THE SYSTEM!** As the decal dries it will flatten-out and lay down. When finally dry there will be no distortion and the decal will be permanently bonded to the paint beneath. Actual drying time will vary according to temperature and humidity.
8. When decal is dry, examine it for any air bubbles. If any are found, puncture them with a sharp needle and put a drop of MICRO SOL over the bubble and allow to dry.
9. Carefully examine the clear film to be sure no silvering has appeared. If any is present, puncture the film several times with a sharp needle and apply MICRO SOL. The silvering should vanish as the SOL touches it.
10. After the decals have dried for several hours, carefully wash the decal adhesive from the entire model.
11. After the decals have dried for at least 12 hours, complete the model by spraying with either MICRO FLAT or MICRO GLOSS, depending on the sheen desired on the finished model.