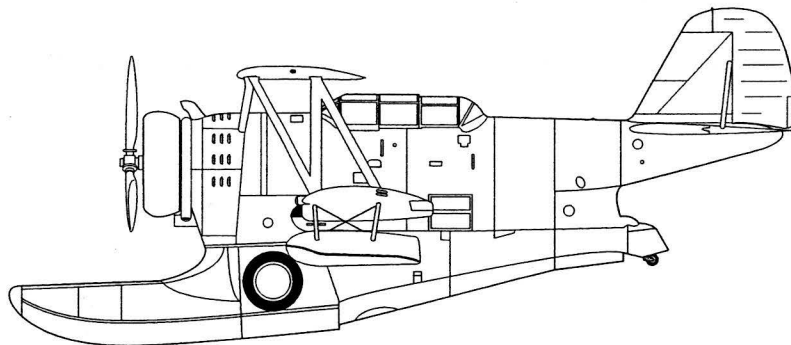




Classic Airframes



Grumman J2F Duck

Grumman's unique J2F Duck series descended directly from earlier Loening amphibian aircraft. Initial production versions were designated as the JF series; production commenced in 1934. As the design matured, more powerful engines were fitted to command higher performance. The ultimate of the JF series, the JF-3, ended its production run in late 1935.

A few months later, the Navy ordered an improved variant, designated J2F. The J2F had a one-foot extension to the main float, and also was fitted with many internal equipment upgrades to make the aircraft more versatile. Among the duties performed by the Ducks were target-towing, medical evacuation, smoke-laying and light transport. Twenty-nine J2F-1s were produced, being superseded in 1938 by the J2F-2 model, which again featured an upgraded engine and armament fit. The last of the 'early' Ducks was the J2F-4, thirty-two were produced.

The first wartime production version of the Duck series began production in 1941, 144 J2F-5s being produced. This variant had a 950hp Wright R-1820-50 engine which was housed in a longer, streamlined cowl. Columbia Aircraft Corporation produced 330 Ducks under the designation J2F-6, which carried a 1,050hp Wright R-1820-54 engine.

A number of Ducks were used for search and rescue operations by the US Army under the designation OA-12.

Grumman's ubiquitous Duck also served with the air forces of Argentina, Columbia and Mexico.

Squadron/Signal's Grumman JF Duck 'Mini in action' is an excellent reference for this model.

Grumman J2F Duck Specifications

Powerplant:	790hp Wright R-1820-30	Armament:	.30 cal. machine gun in rear cockpit 2 x 100lb. Bombs
Wing Span:	39'		
Length:	34'		
Maximum Speed:	190 mph		Some aircraft did not carry armament

This model kit is intended for experienced modelers. The nature of limited-run kits such as this require additional time and effort to clean up and fit the parts, as well as experience with the various media utilized to provide the most accurate effect on the finished model. Use CyA ('super') glue to assemble Resin (PU) parts.

Assembly Instruction Symbols



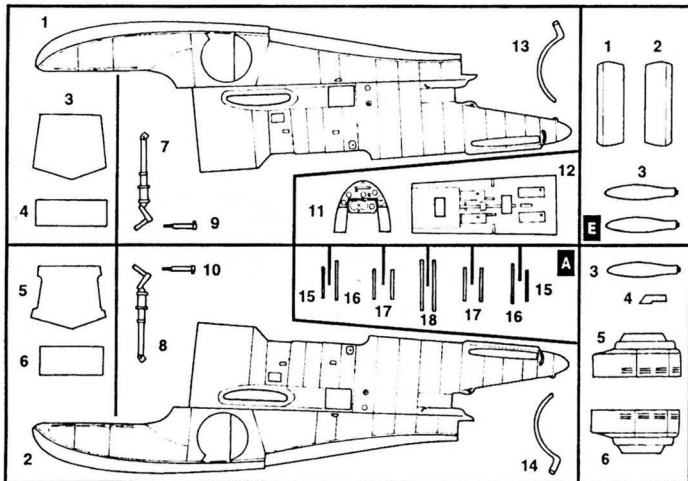
Paint Reference Guide

A	Interior Green	FS 34226	C	Aluminum	_____	E	Dark Brown	FS 20122
B	Flat Black	FS 37030	D	Rusty Brown	_____	F	Gunmetal	_____

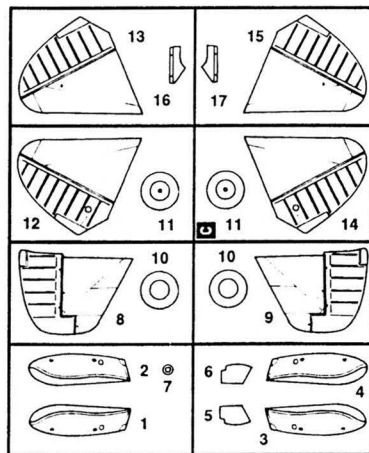
Parts

PLASTIC PARTS

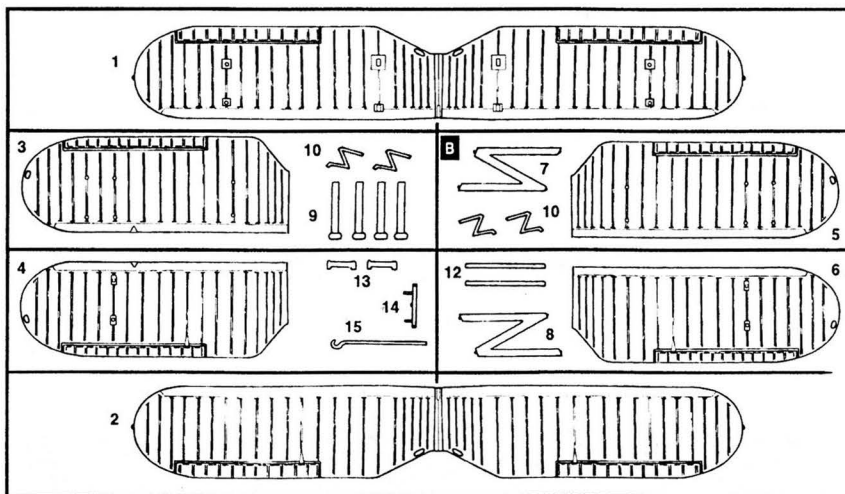
Parts A / E



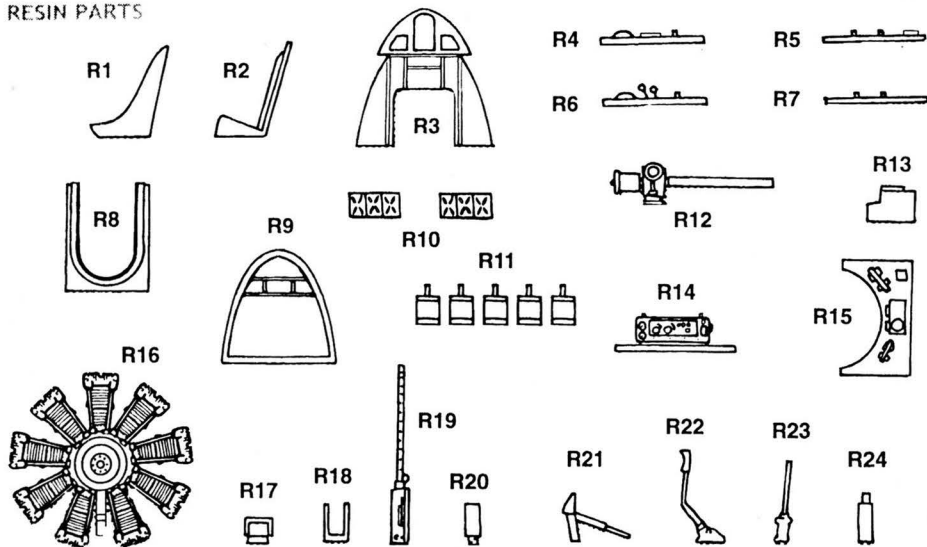
Parts C



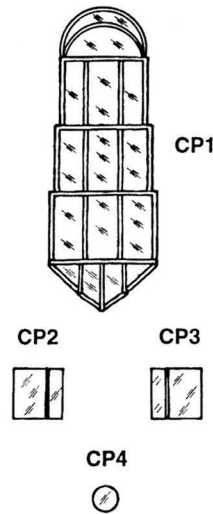
Parts B



RESIN PARTS

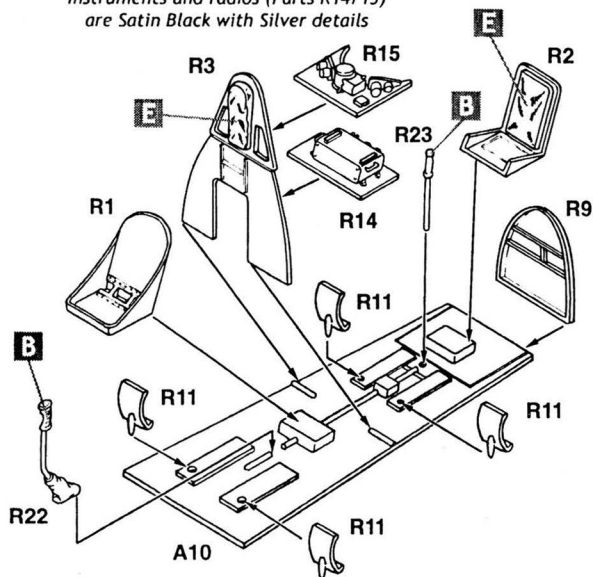


CLEAR PARTS

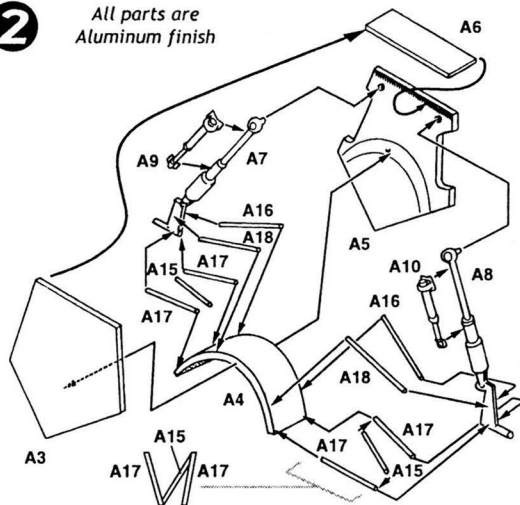


1 All cockpit parts are finished in Silver lacquer with a satin finish

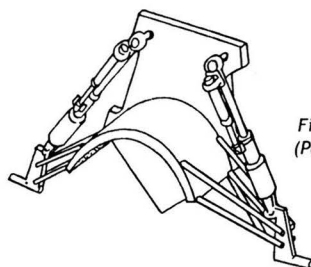
Instruments and radios (Parts R14/15) are Satin Black with Silver details



2 All parts are Aluminum finish



Assemble parts A4/A5/A6 first, then assemble and place struts A7/A9 and A8/A10. Assemble struts A15/16/17/18, then add part A3.



Finished assembly (Part A3 not shown for clarity)

NOTE

It is strongly recommended that you replace parts A15/16/17/18 with lengths of styrene rod or stretched sprue.

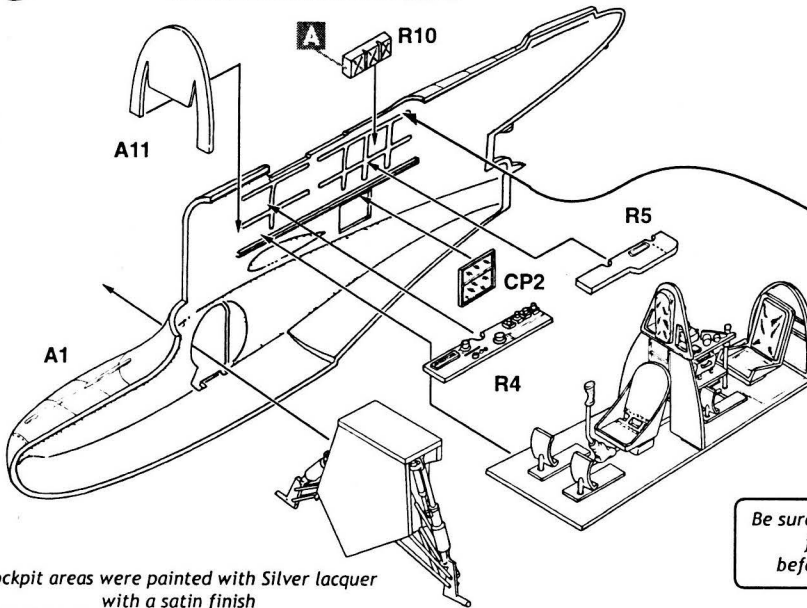
Part A15 3/8" (9mm)

Parts A16/18 13/16" (20mm)

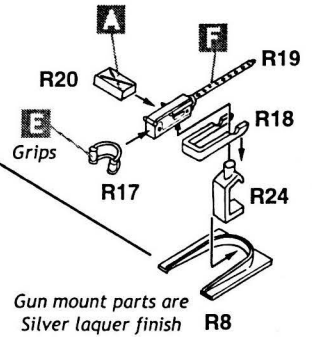
Part A17 9/16" (15mm)

3

Instrument panel (part A11) and consoles (parts R4/5)
are Satin Black with Silver details



NOTE
Rear gun is optional - some Ducks
did not carry armament

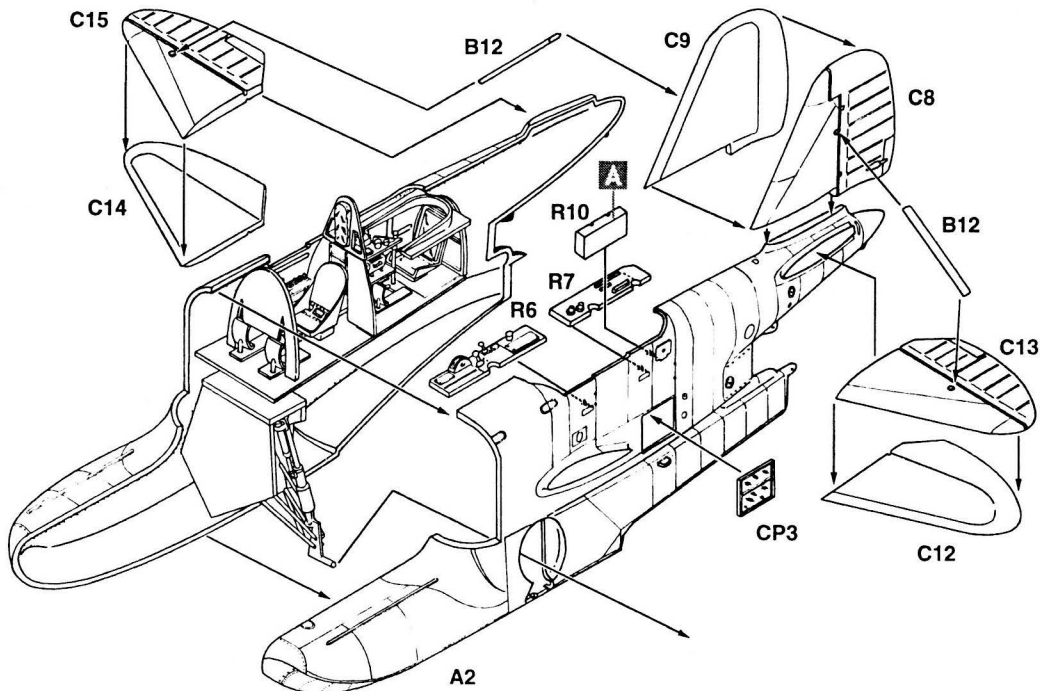


Cockpit areas were painted with Silver lacquer
with a satin finish

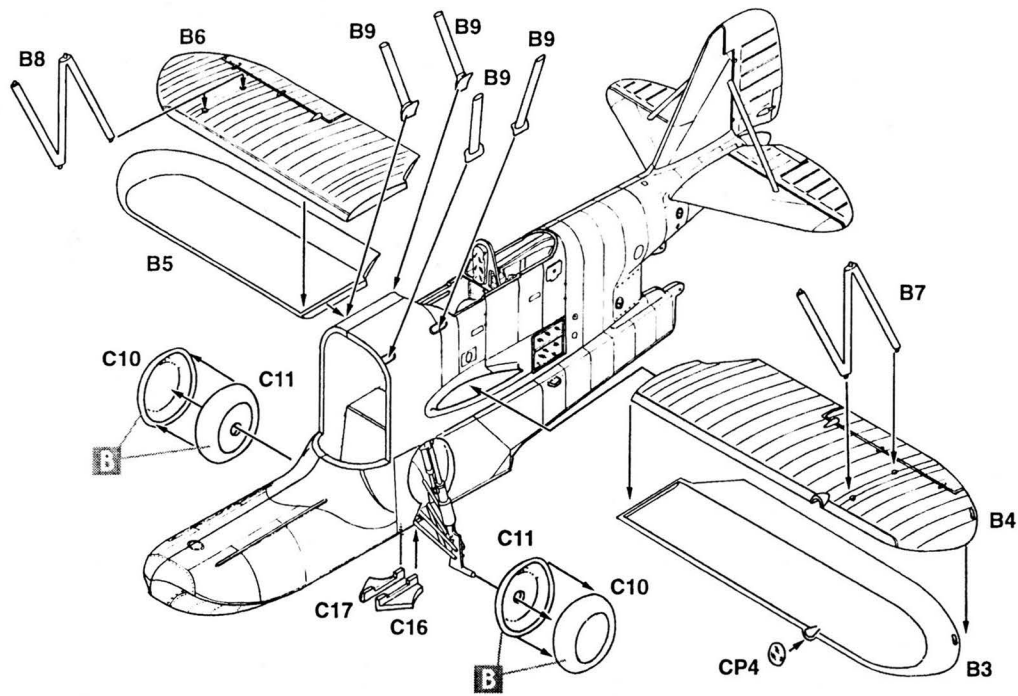
Be sure to remove all ejector pin marks
from inside fuselage halves
before proceeding with assembly.

4

Consoles (parts R6/7)
are Satin Black with Silver details



5

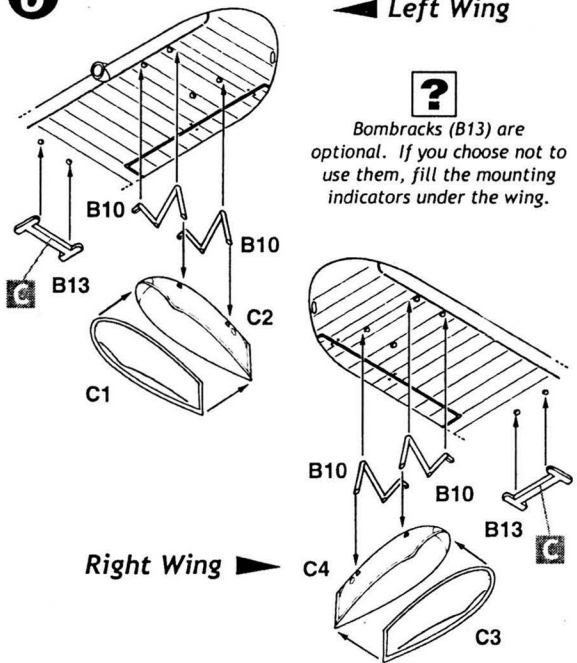


6

Left Wing

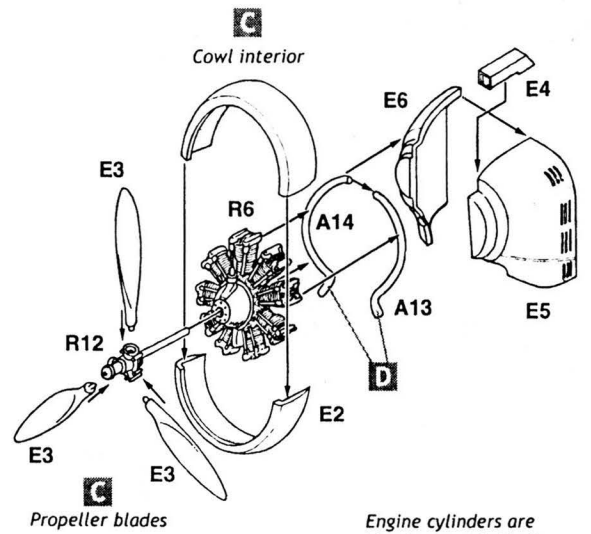
?

Bombracks (B13) are optional. If you choose not to use them, fill the mounting indicators under the wing.



Right Wing

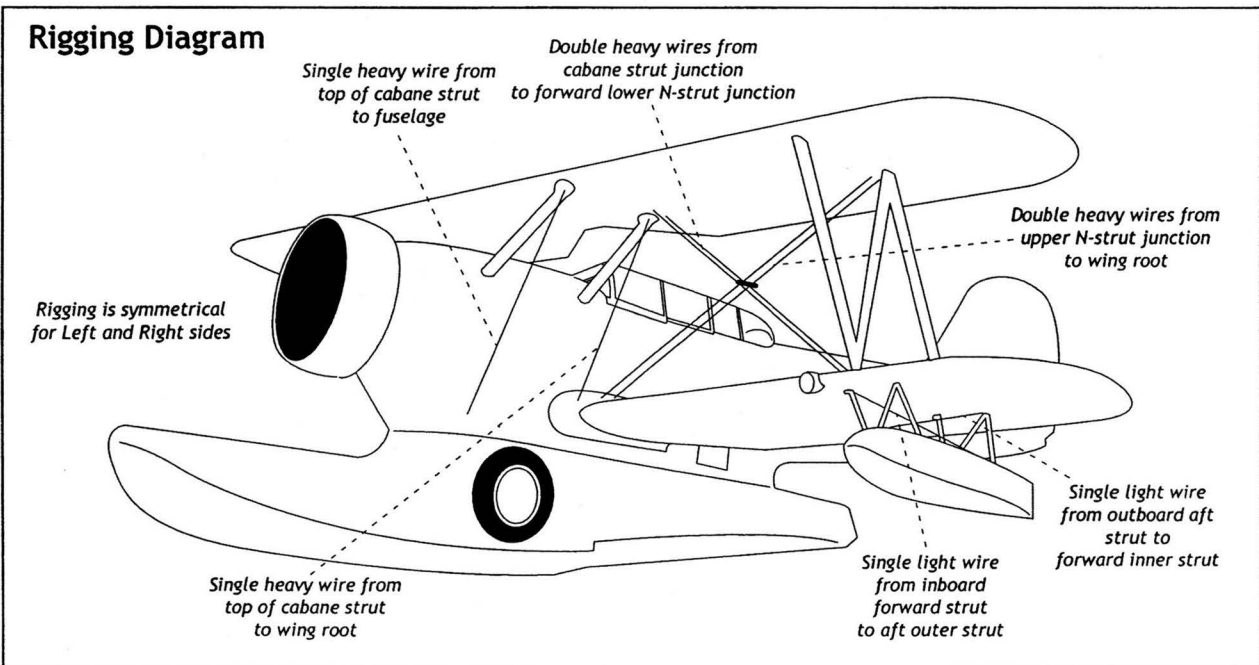
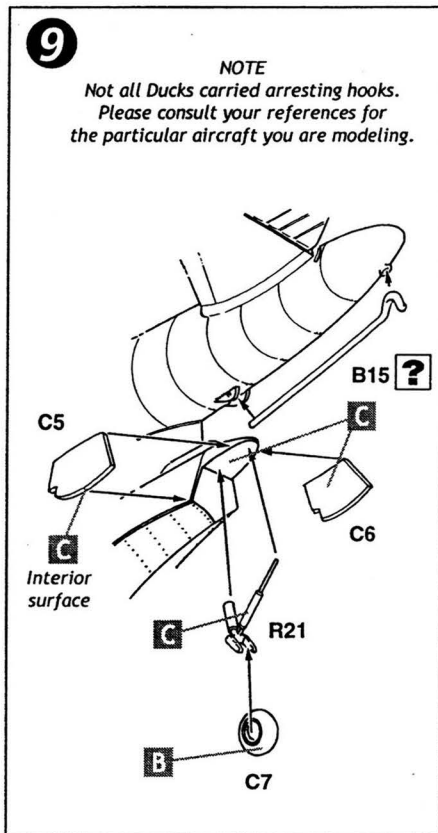
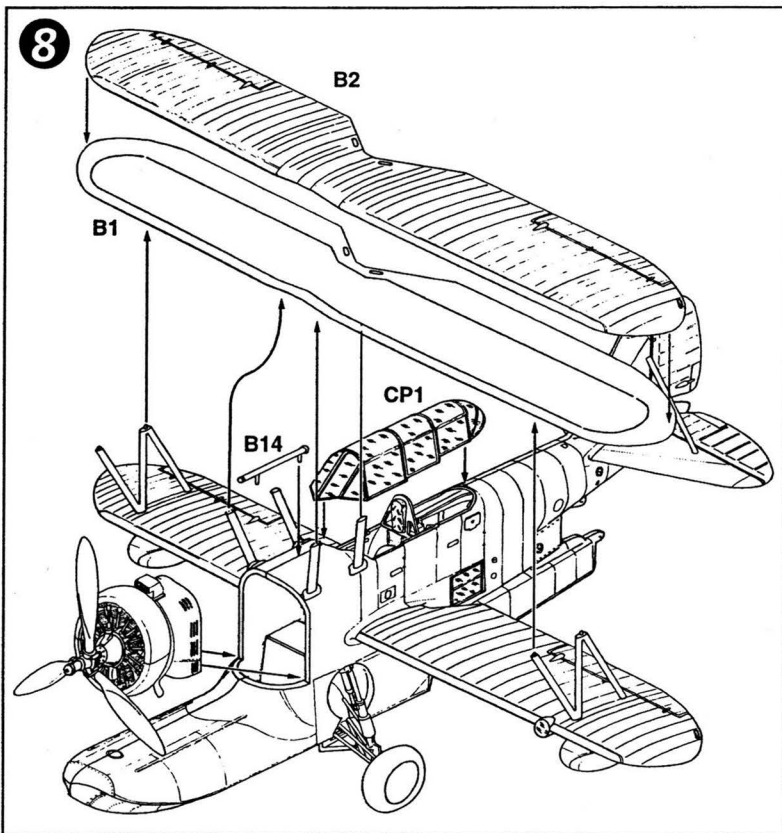
7



Cowl interior

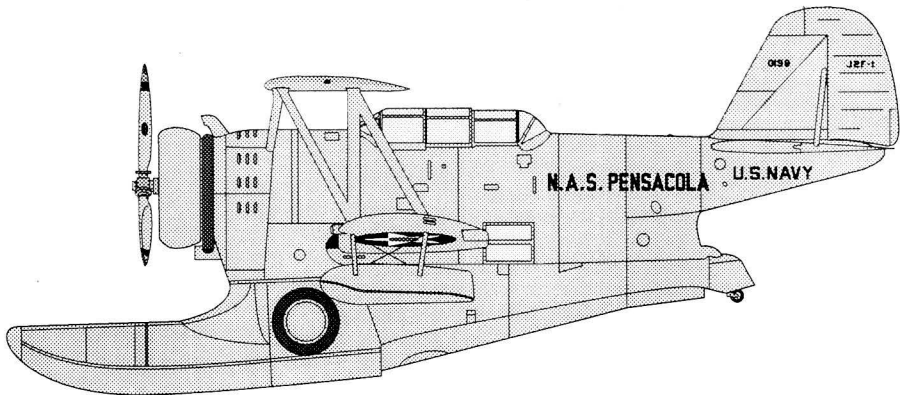
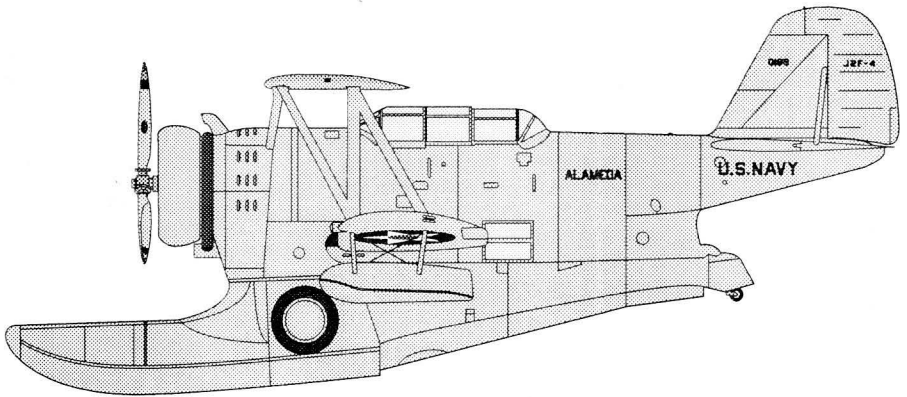
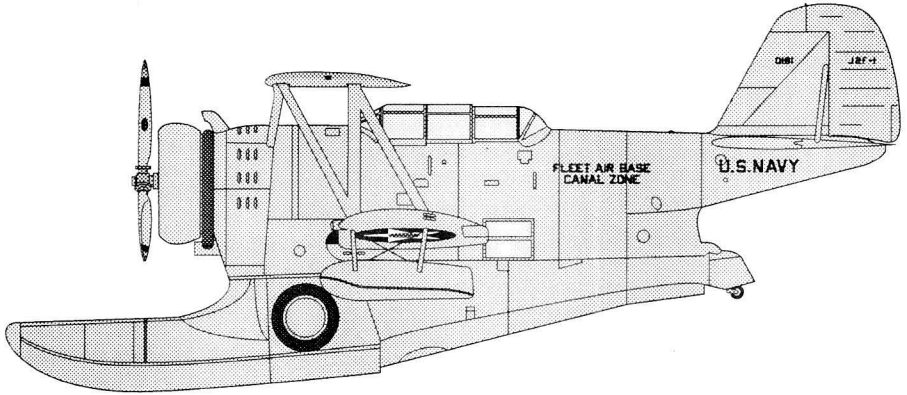
Propeller blades

Engine cylinders are Aluminum with Black cylinder heads



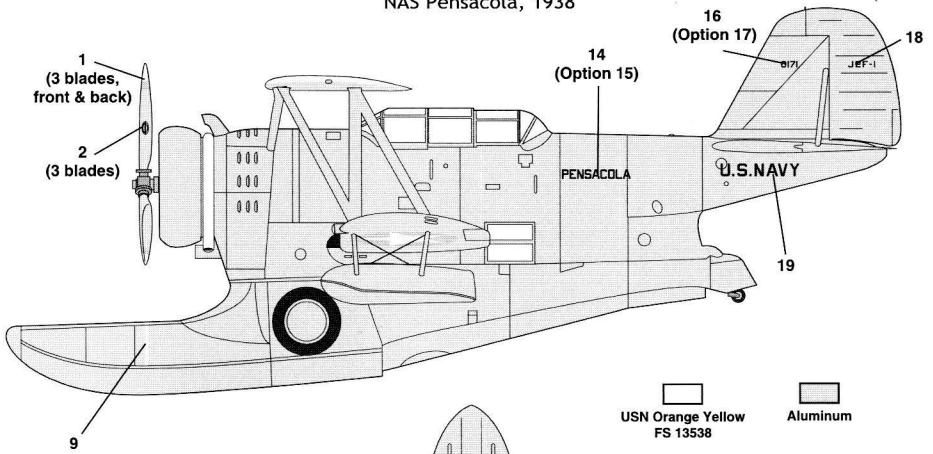
Grumman J2F Duck *PAINING & MARKING GUIDE*

We have provided a selection of additional markings for early Ducks on a second decal sheet. These include generic serial numbers as well as designators for the early Duck variants. Please consult your references for detail differences.

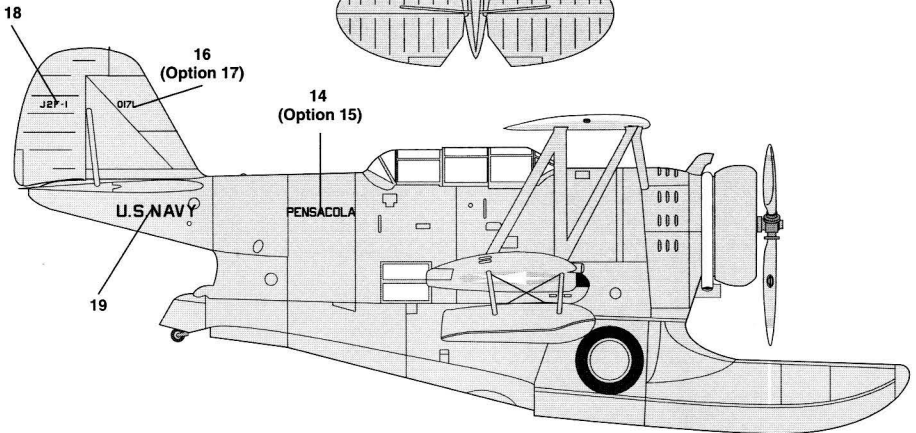
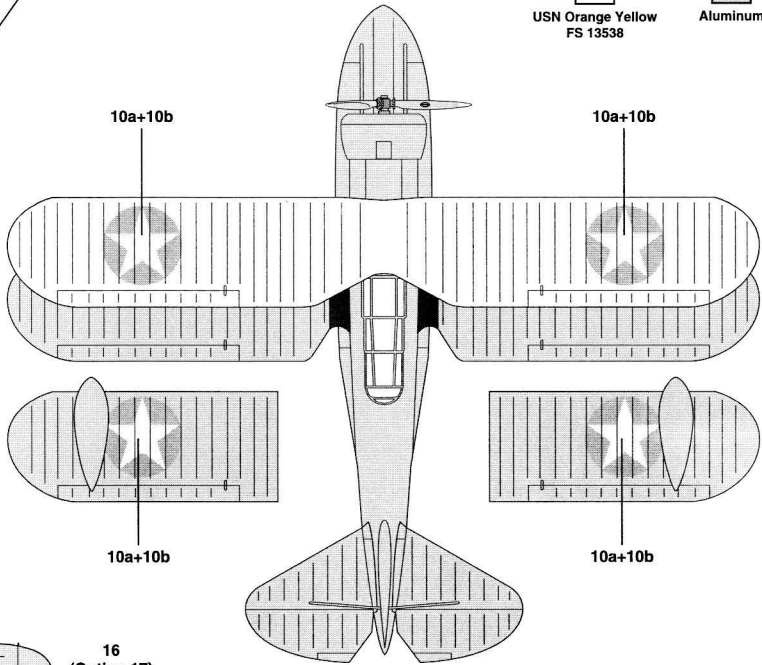


Grumman J2F Duck PAINTING & MARKING GUIDE

NAS Pensacola, 1938

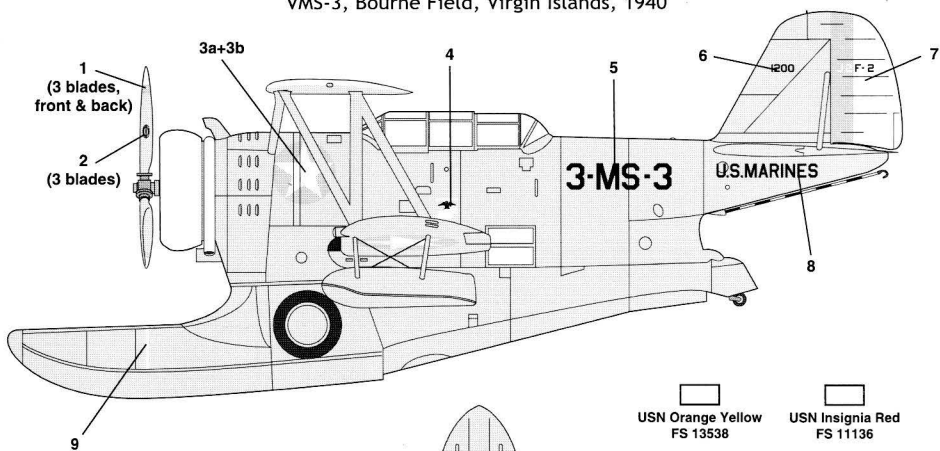


 USN Orange Yellow FS 13538
 Aluminum



Grumman J2F Duck *PAINTING & MARKING GUIDE*

VMS-3, Bourne Field, Virgin Islands, 1940



USN Orange Yellow
FS 13538

USN Insignia Red
FS 11136

Aluminum

