

A-7E CORSAIR II

Carrier-borne or land-based
sub-sonic tactical fighter.

The A-7 Corsair II was built on the F-8 Crusader airframe, and was a subsonic attack version of this fighter. It was exceptionally accurate, and was purchased by the US Navy and Marines, and later on by the US Air Force. The A-7 was first flown on September 27, 1965, and initial deliveries began on October 14, 1966. With a typical weapons load, the A-7E would have a tactical radius of 700 miles. It carried one 20-mm M61A1 multi-barrel cannon and up to 15,000 lb. of mixed stores externally.

The A-7D began to arrive in Thailand during the late summer of 1972. By the end of October, the A-7D had taken over the combat close air support mission from the A-1E Skyraider. The A-7D was also used during the closing months of the war as an escort on gunship missions and as a tactical bomber during the Linebacker II campaign. The development of the Head-Up Display allowed the pilot to view all steering and attack information on a small display mounted above the main instrument panel between the windshield and the pilot's line of sight.

In 1973, the Air Force began assigning A-7Ds to the Air National Guard, and by 1987 they were being flown by ANG units in 10 states and Puerto Rico. The A-7D demonstrated its outstanding capability to attack ground targets while flown by the 354th Tactical Fighter Wing at Korat Royal Thai Air Force Base, Thailand, during the closing months of the war in Southeast Asia.

The A7s wings
have an ANHEDRAL

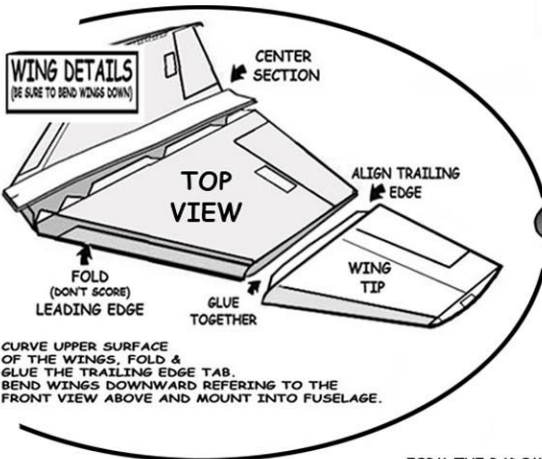
Max Speed: 663 mph
Max Range: 3,044 miles
Service Ceiling: 33,500 ft

Its tail has
a DIHEDRAL

THREE
VIEW



MORE INFORMATION AT:
FIDDLERSGREEN.NET

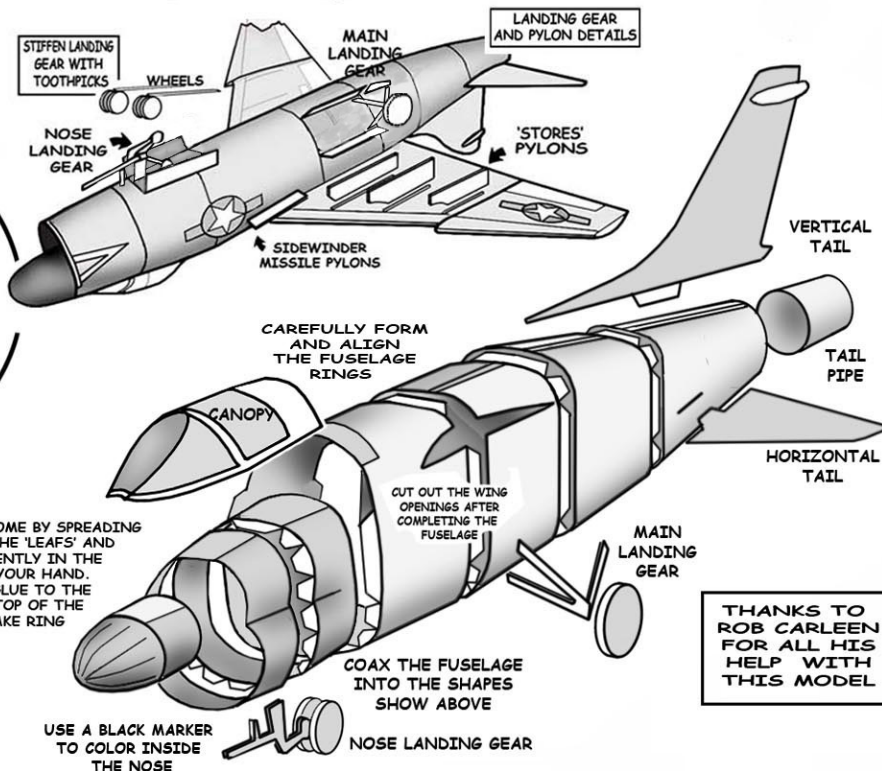


DIMENSIONS

Length: 46 ft 2 in
Wingspan: 38 ft 9 in
Height: 16 ft 1 in
Wt: 39,325 lbs

Altitude: 51,000 ft
Range: 1100 miles combat
2800 miles ferry
Powerplant: Allison TF41 A2
turbofan-14,250 lb thrust

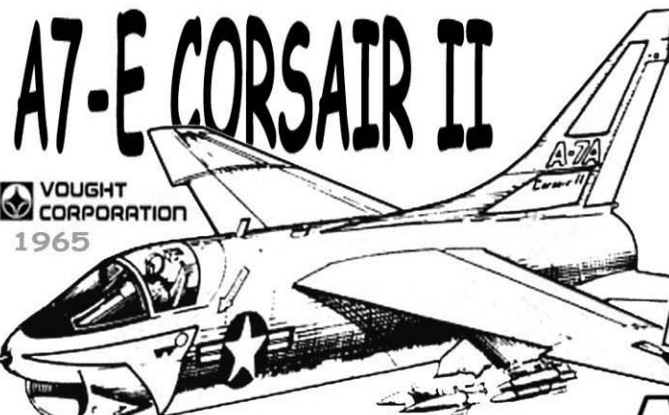
**VOUGHT
CORPORATION**



THANKS TO
ROB CARLEEN
FOR ALL HIS
HELP WITH
THIS MODEL

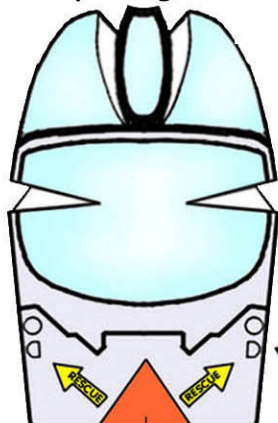
A7-E CORSAIR II

VOUGHT CORPORATION
1965



*The down-sized version
of the A8 Crusader*

The Vought A-7 Corsair was a light tactical attack air craft that owes its ancestry to the company's earlier F-8 Crusader. However, the Corsair is smaller and shorter than its fighting parent. In 1965, Vought designers took the basic layout of the "Gun-fighter" Crusader, chopped the speed, hung up to 15,000 pounds of ordinance under its wings, and added a revolutionary navigation and aiming system.



It was phased out after the first Gulf War.

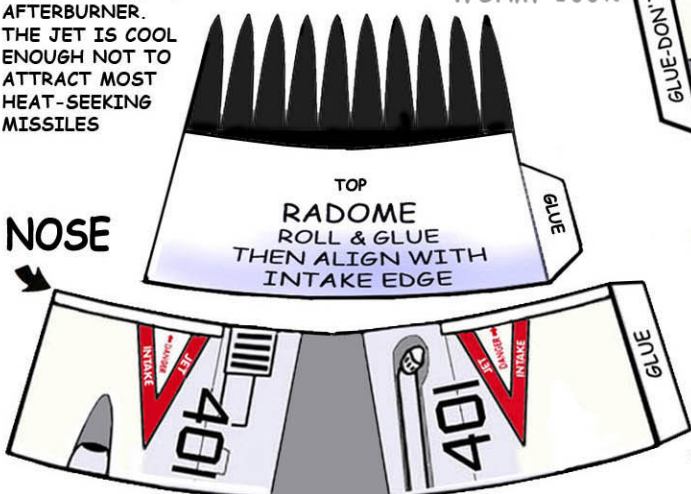
SEE INSTRUCTIONS FOR FUSELAGE CROSS-SECTION SHAPES

CANOPY



TAIL PIPE
ROLL & GLUE

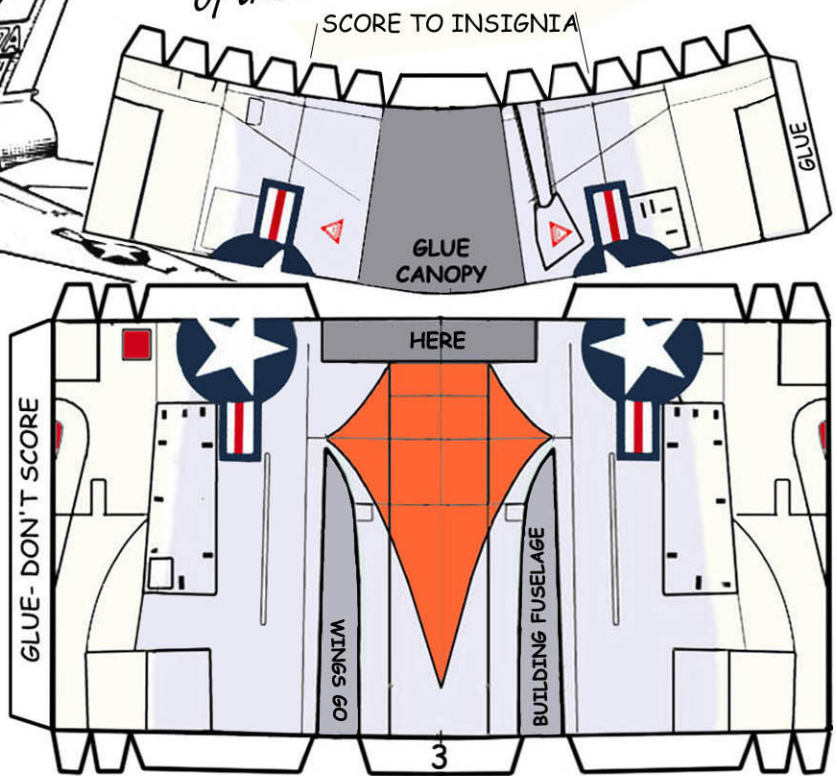
THE A7-7 HAS NO AFTERBURNER. THE JET IS COOL ENOUGH NOT TO ATTRACT MOST HEAT-SEEKING MISSILES



NOSE

TOP
RADOME
ROLL & GLUE
THEN ALIGN WITH
INTAKE EDGE

SCORE



SCORE TO INSIGNIA

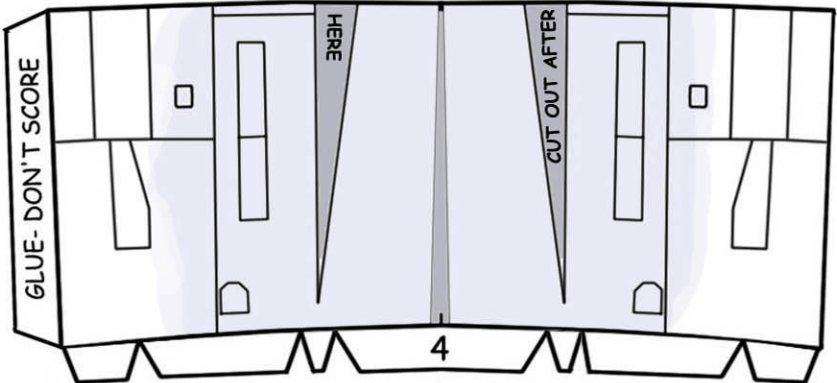
GLUE CANOPY

HERE

WINGS 60

BUILDING FUSELAGE

3

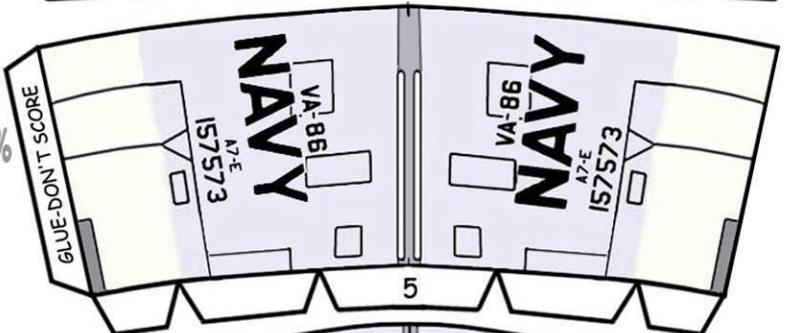


GLUE- DON'T SCORE

HERE

CUT OUT AFTER

4

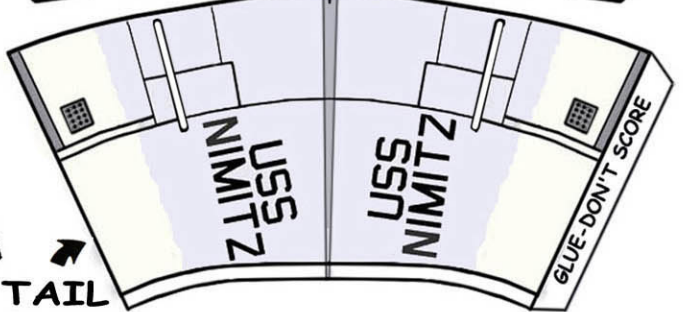


GLUE- DON'T SCORE

NAVY
VA-86
A7-E
157573

NAVY
VA-86
A7-E
157573

5



TAIL

USS
NIMITZ

USS
NIMITZ

GLUE- DON'T SCORE

A-7 CORSAIR II

FOLD TO
FORM THE
LEADING
EDGE
(DON'T SCORE)



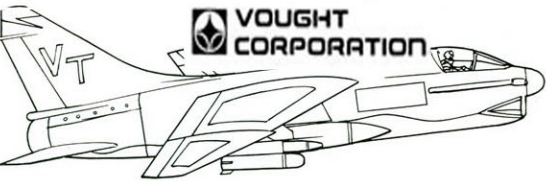
NOTE
AN-
HEDRAL

WING
CENTER
SECTION

IMPORTANT..
BE SURE TO LINE UP
THE TRAILING
EDGES

WIDER
WING TIP

A7 CORSAIR ARMAMENT

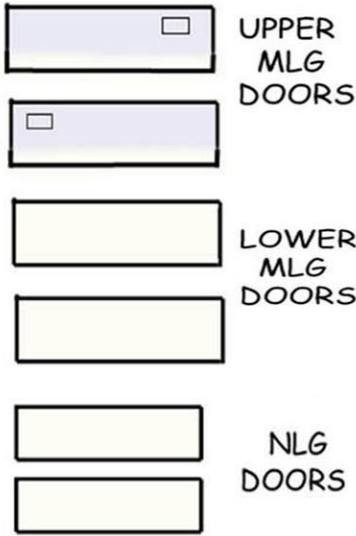


VOUGHT CORPORATION



MLG
ACTUATOR
DOORS

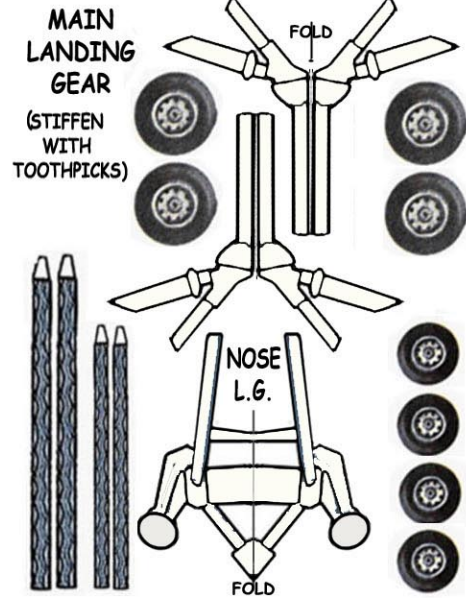
© ROB CARLEEN & JIM GAUSMAN
& FIDDLERSGREEN.NET/2005



UPPER
MLG
DOORS

LOWER
MLG
DOORS

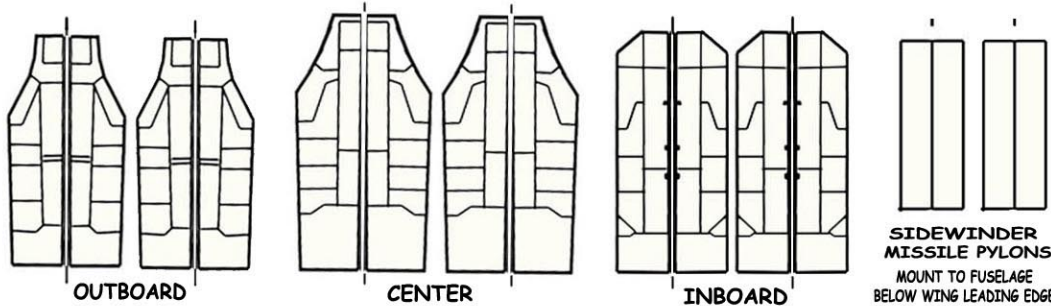
NLG
DOORS



MAIN
LANDING
GEAR
(STIFFEN
WITH
TOOTHPICKS)

NOSE
L.G.

FOLD



OUTBOARD

CENTER

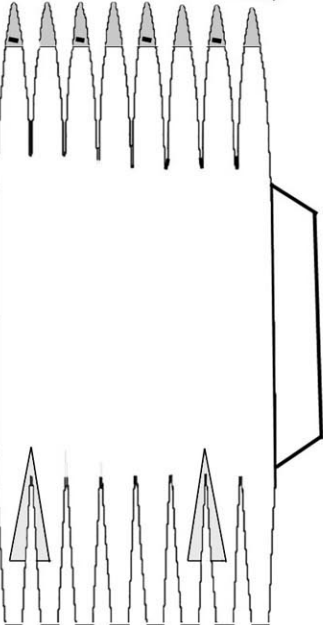
INBOARD

SIDEWINDER
MISSILE PYLONS
MOUNT TO FUSELAGE
BELOW WING LEADING EDGE

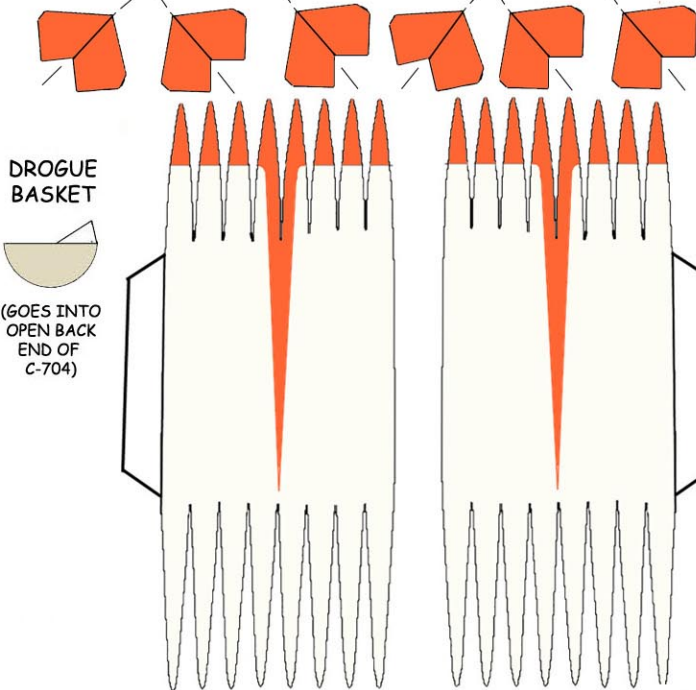
PYLONS

THESE ARE GLUED TO
THE UNDERSIDE OF
THE WINGS WHETHER
YOU USE THE DROP
TANKS OR NOT
(SEE INSTR FOR
PLACEMENT)

D-704 INFLIGHT
REFUELING STORE
DROP RI ADES (ON NOSE)



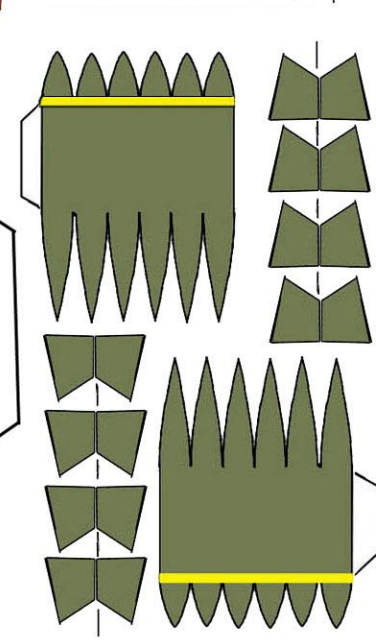
AERO 10A DROP TANKS
INSTALL ON INB'D OR OUTB'D PYLONS



DROGUE
BASKET

(GOES INTO
OPEN BACK
END OF
C-704)

FIN CONFIGURATIONS
OUTB'D INB'D



THE D-704 IS HUNG ON THE PORT OUTB'D PYLON
THE STB'D WING CARRIES AERO 10'S ON INB'D
AND OUTD STATIONS. NO OTHER ORDNANCE.

AIM 9 SIDEWINDER MISSILES

ROLL MISSILES AND GLUE IN AN
"X" CONFIGURATION TO THE
MISSILE PYLON ON THE FUSELAGE
UNDER THE WING AND AFT OF THE
CANOPY. GLUE A STRAIGHT PIN INTO THE
NOSE WITH JUST THE HEAD SHOWING

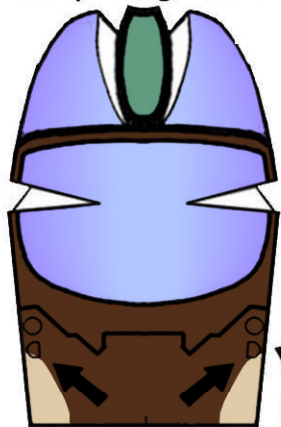
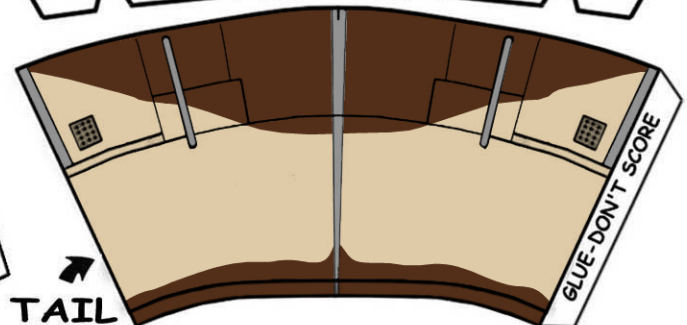
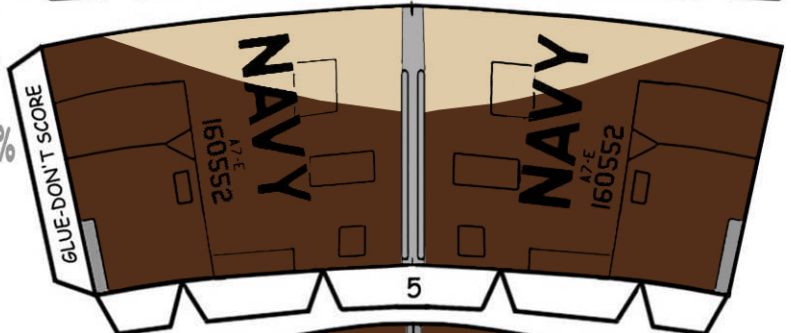
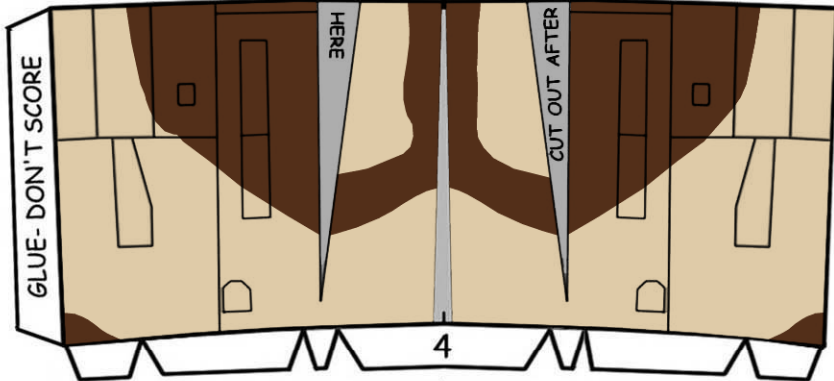
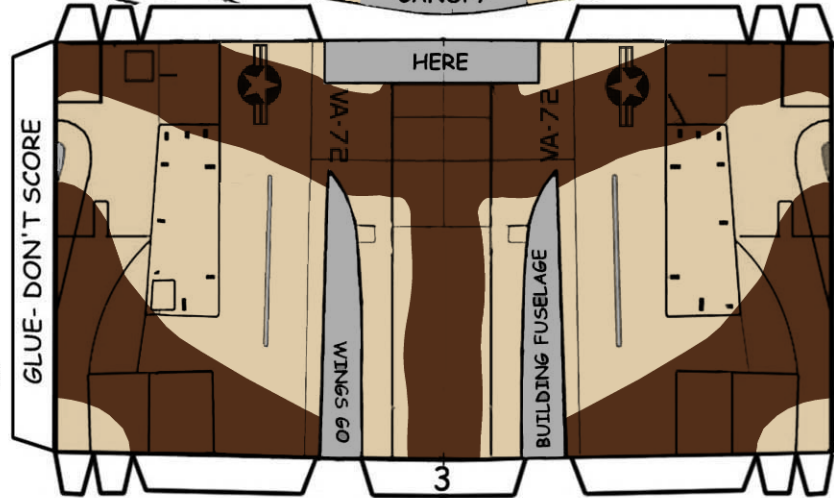
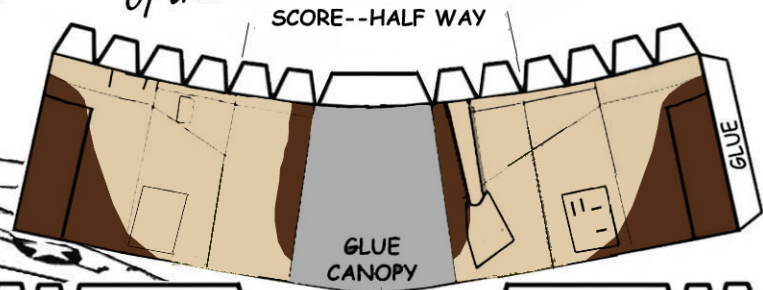


A7-E CORSAIR II

VOUGHT CORPORATION
1965



*The down-sized version
of the A8 Crusader*



It was phased out
after the first
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SEE
INSTRUCTIONS
FOR FUSELAGE
CROSS-SECTION
SHAPES

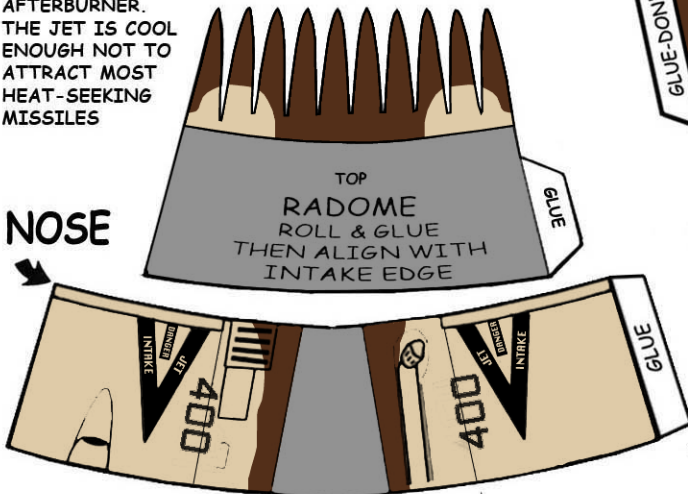
CANOPY



TAIL PIPE
ROLL & GLUE

WSAM=100%

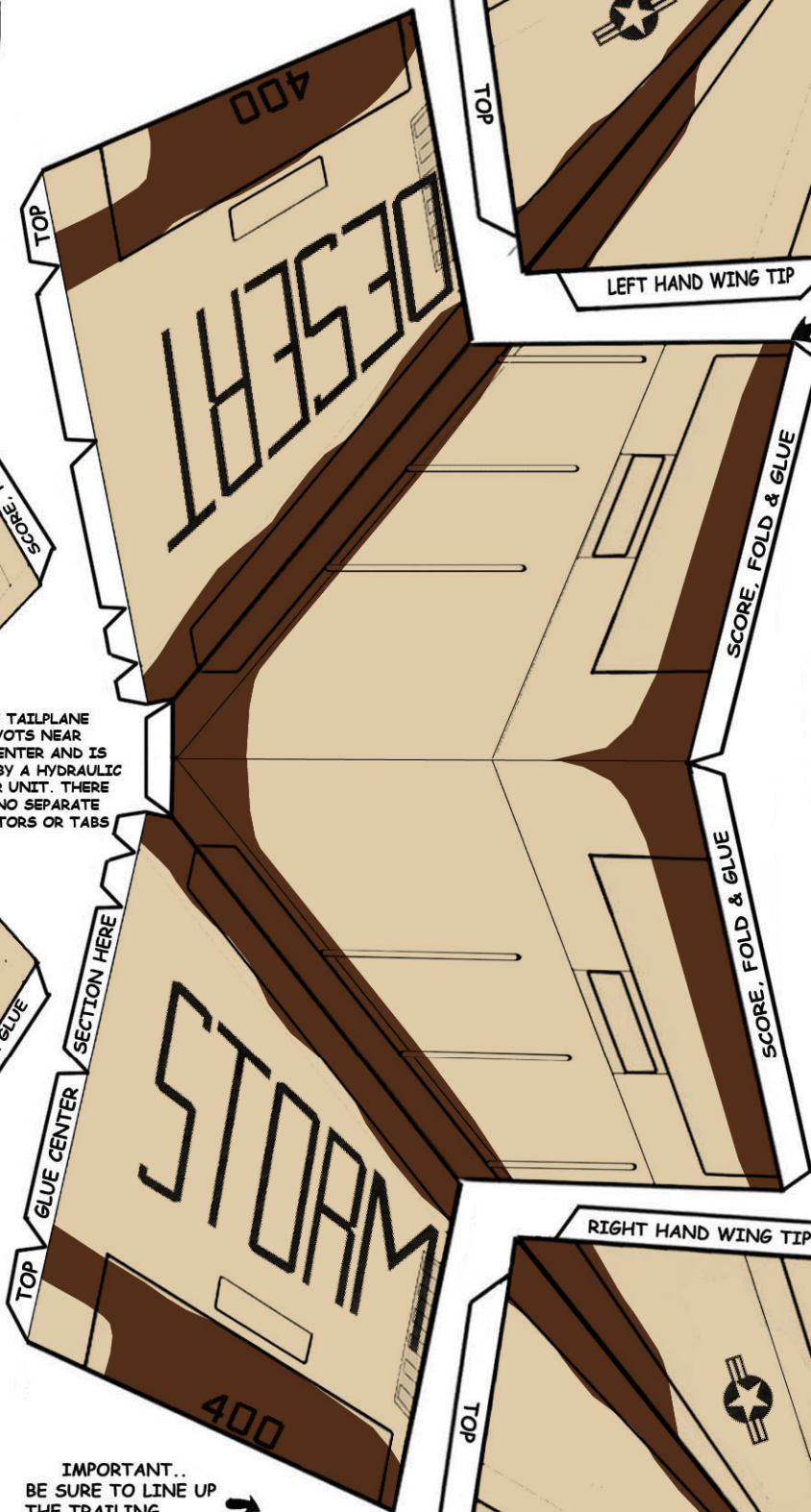
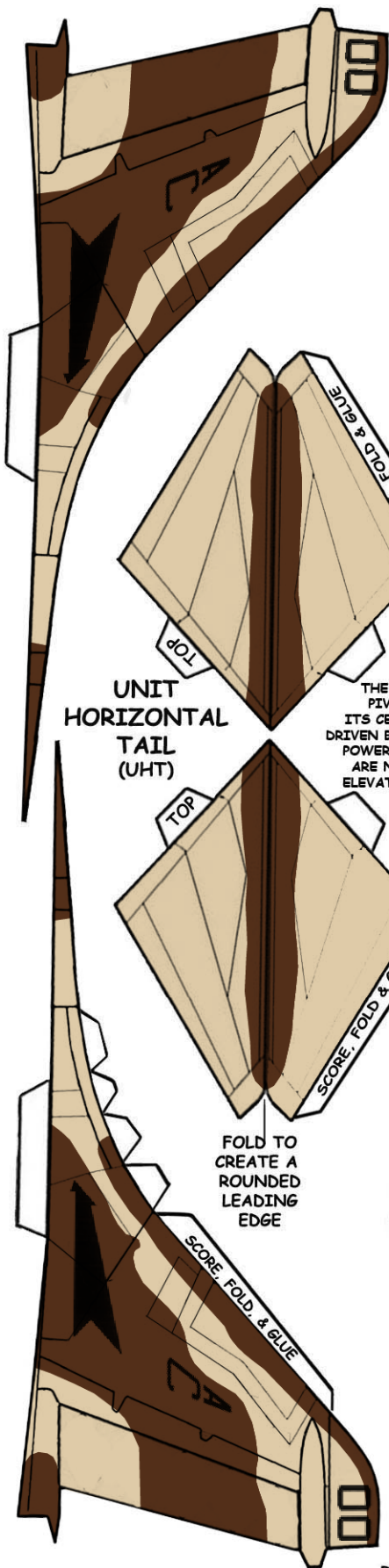
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ATTRACT MOST
HEAT-SEEKING
MISSILES



SHEET-TWO

A-7 CORSAIR II

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FOLD TO FORM THE LEADING EDGE (DON'T SCORE)

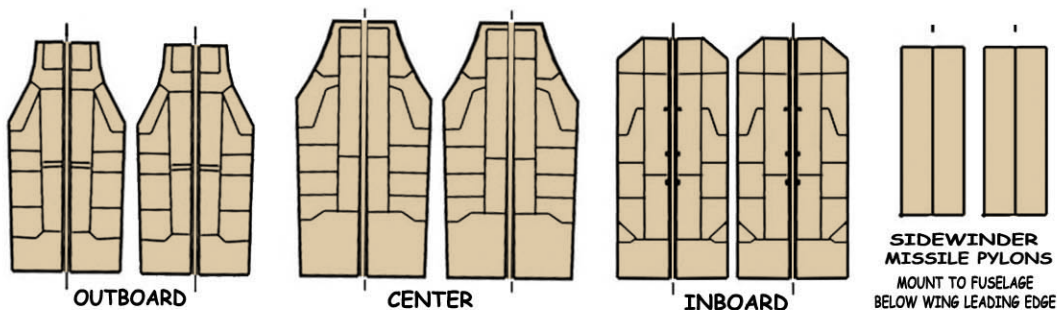
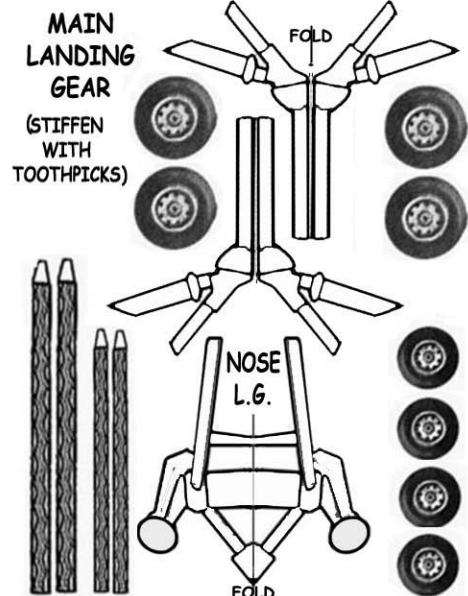
THIS IS THE BOTTOM OF THE WING



WING CENTER SECTION

IMPORTANT... BE SURE TO LINE UP THE TRAILING EDGES

WIDER WING TIP

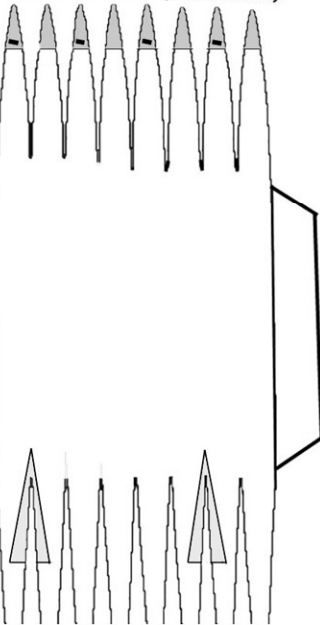


PYLONS

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THE UNDERSIDE OF
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TANKS OR NOT
(SEE INDTR FOR
PLACEMENT)

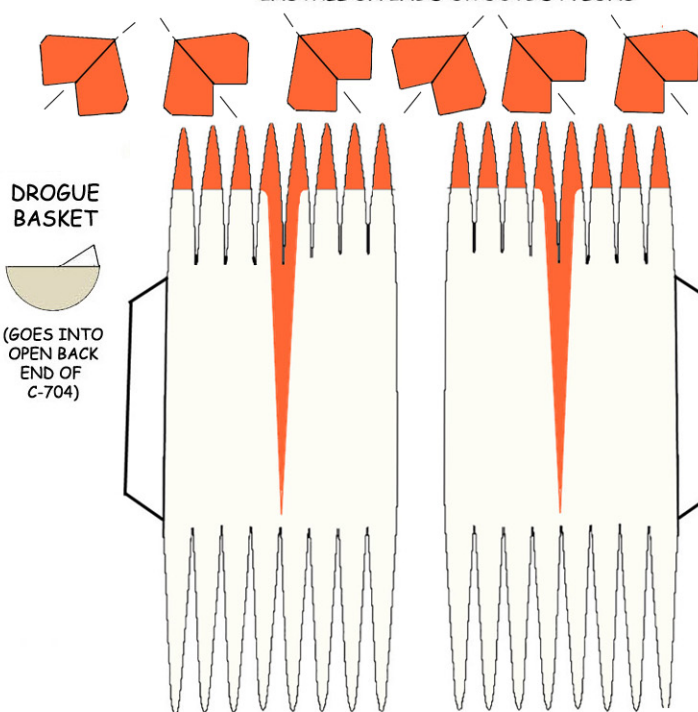
D-704 INFLIGHT REFUELING STORE

PROP RI ADES (ON NOSE)

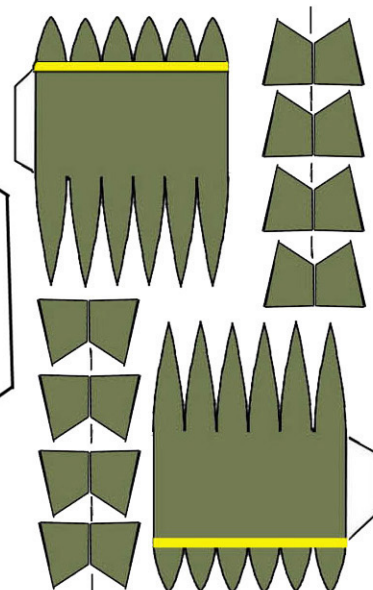


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THE STB'D WING CARRIES AERO 10'S ON INB'D
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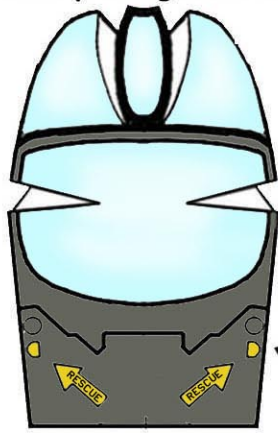
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SEE
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CROSS-SECTION
SHAPES

CANOPY

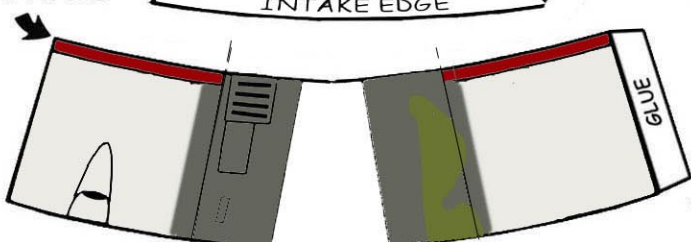


TAIL PIPE
ROLL & GLUE

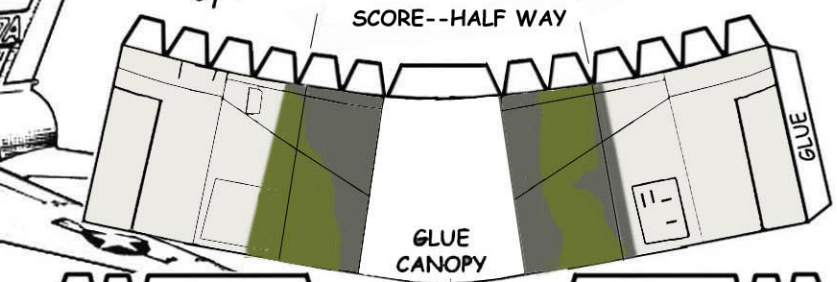
scale: 1/60

THE A-7D IS POWERED
BY AN ALLISON
(ROLLS ROYCE
SPEY) TF41-A-1
ENGINE,
PRODUCING
14,500 LBS OF
THRUST.

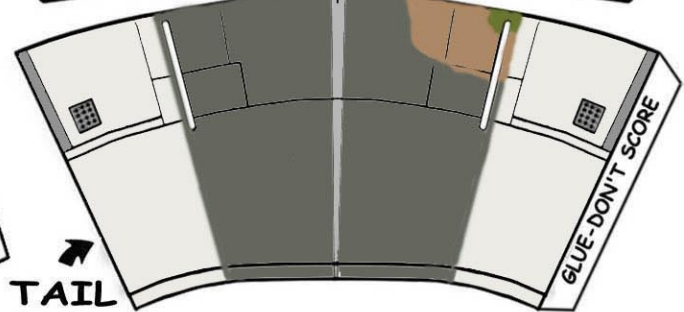
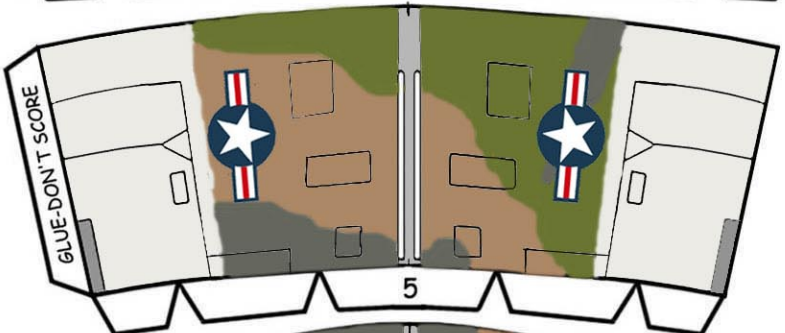
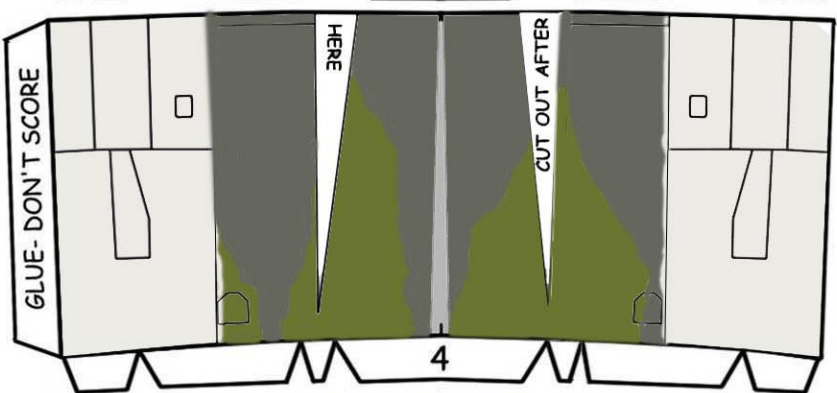
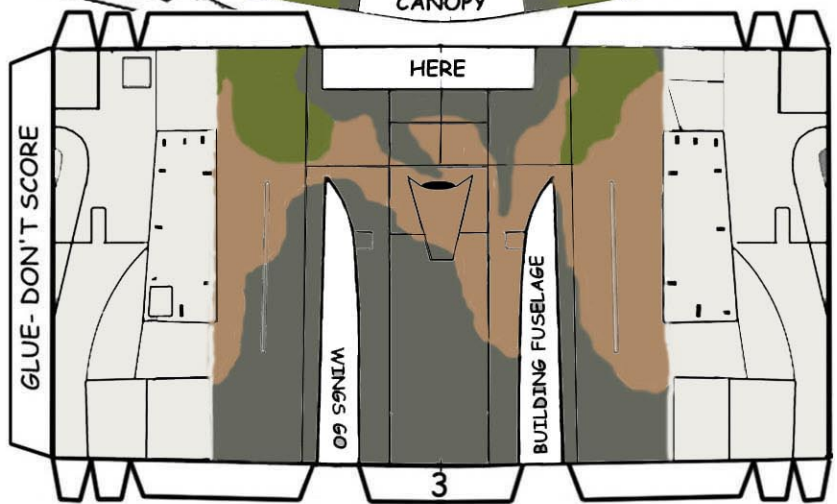
NOSE



SCORE



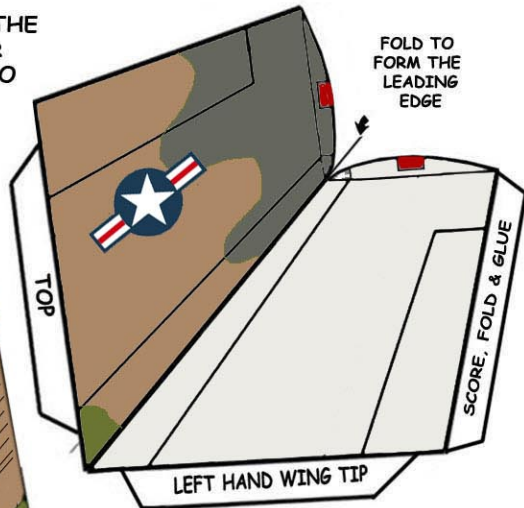
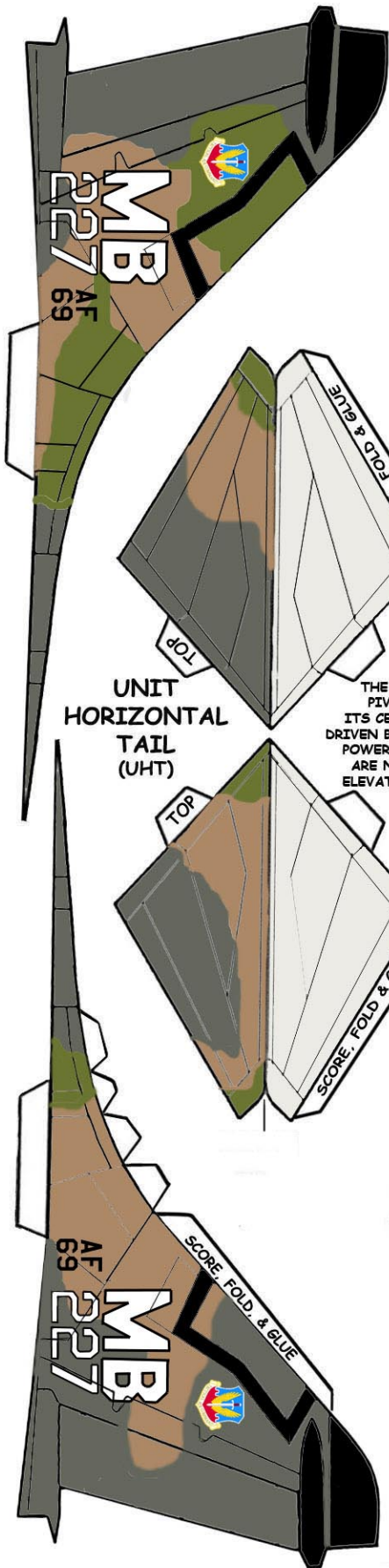
SCORE--HALF WAY



SHEET-TWO

A-7 CORSAIR II

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FOLD TO FORM THE LEADING EDGE

THIS IS THE BOTTOM OF THE WING



NOTE AN-HEDRAL

WING CENTER SECTION

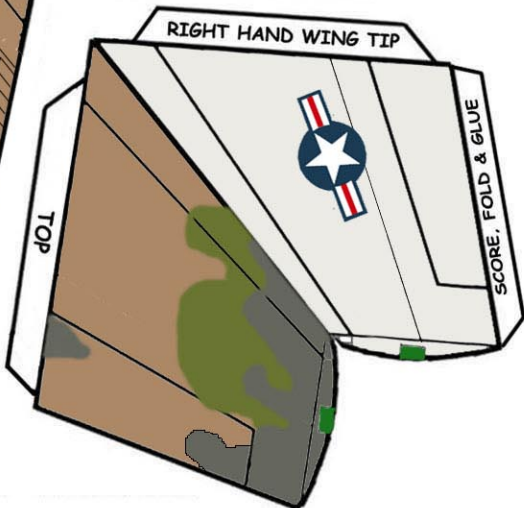
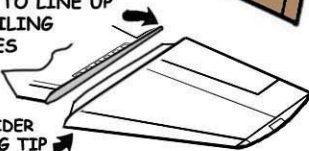
UNIT HORIZONTAL TAIL (UHT)

THE TAILPLANE PIVOTS NEAR ITS CENTER AND IS DRIVEN BY A HYDRAULIC POWER UNIT. THERE ARE NO SEPARATE ELEVATORS OR TABS

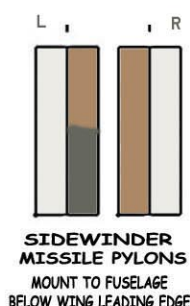
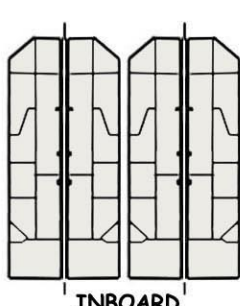
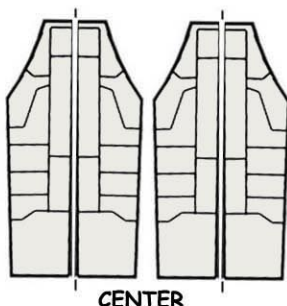
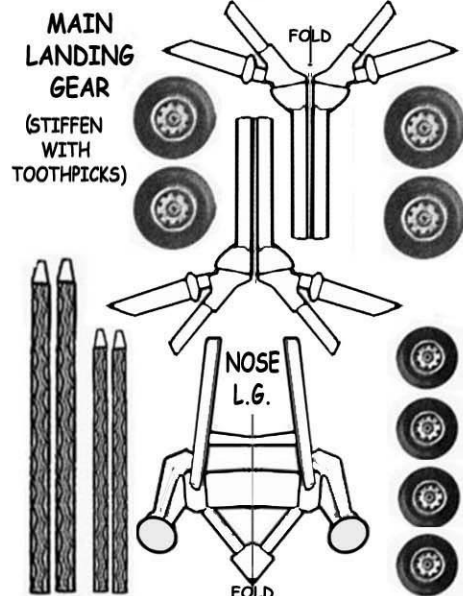
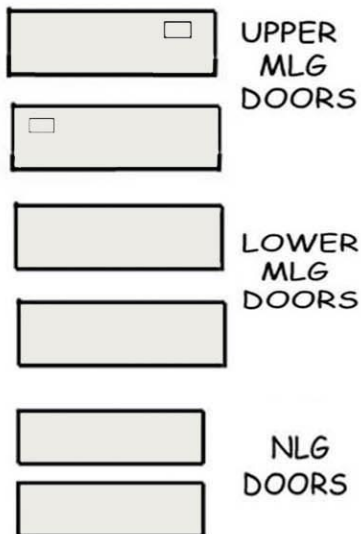


IMPORTANT.. BE SURE TO LINE UP THE TRAILING EDGES

WIDER WING TIP



MLG
ACTUATOR
DOORS

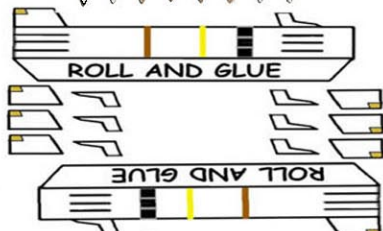
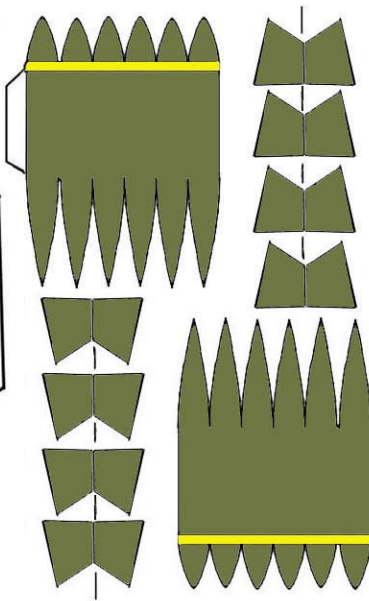
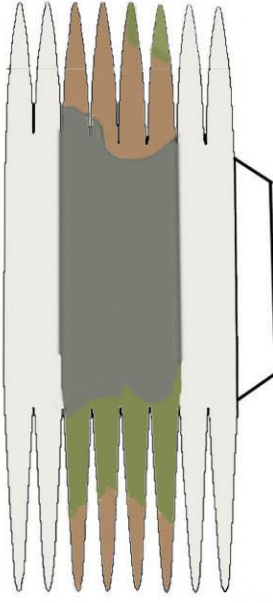
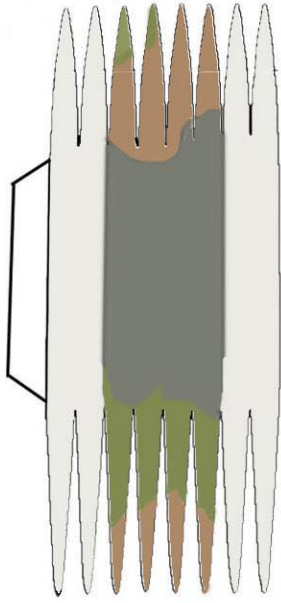
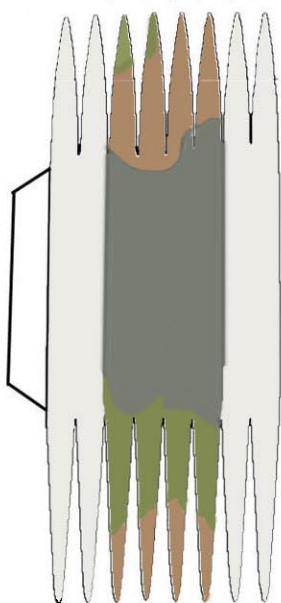


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THE UNDERSIDE OF
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TANKS OR NOT
(SEE INDTR FOR
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AERO 10A DROP TANKS

INSTALL ON INB'D OR OUTB'D PYLONS



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