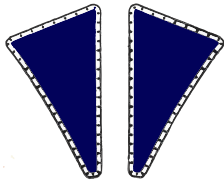
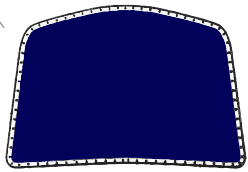
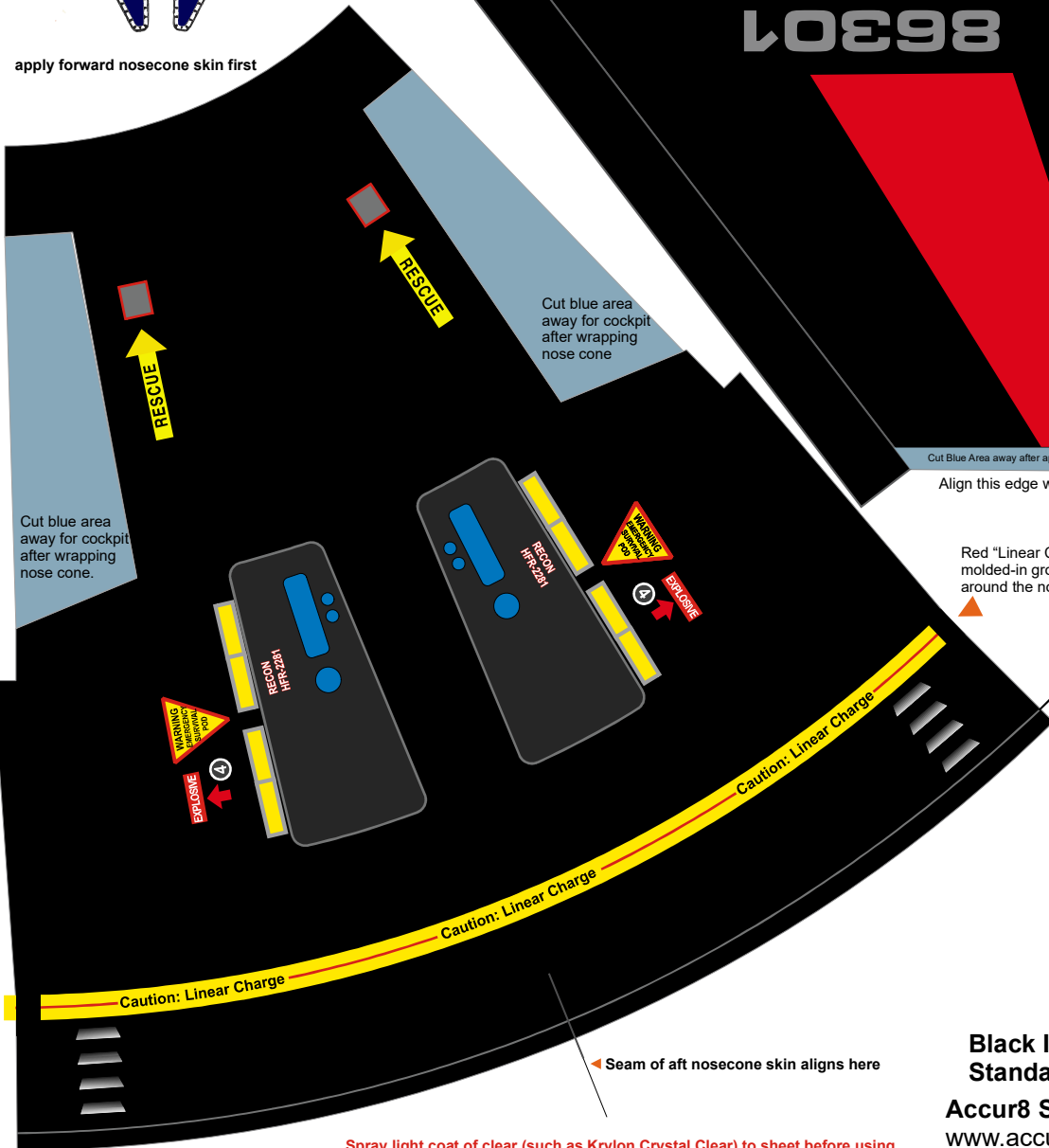


Left outside Rudder Skin (excess material remains to bridge fillets)



apply forward nosecone skin first



Cut blue area away for cockpit after wrapping nose cone

Cut blue area away for cockpit after wrapping nose cone.

Cut Blue Area away after applying skin

Align this edge with tip of rudder

Red "Linear Charge" line aligns with molded-in groove which runs unbroken around the nosecone aft of the cockpit

Can trim skin to this lines if, after applying, too many wrinkles are present on rear edge of skin.

Seam of aft nosecone skin aligns here

Spray light coat of clear (such as Krylon Crystal Clear) to sheet before using

Apply this skin to left rudder First, folding the leading and trailing edge tabs over to other side of fin.

This edge on bottom centerline of nosecone. Apply this skin to nosecone last, carefully aligning forward edge with the aft edge of forward skin.



REV 7-24-14

Black Interceptor-E
Standard Contrast

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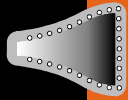
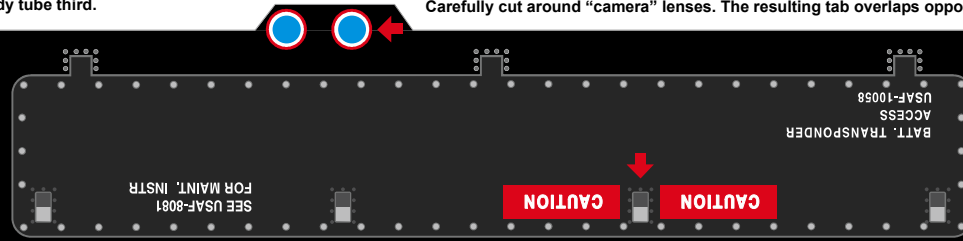
Sheet 1

The rear nosecone skin is intentionally printed a bit long (front to rear) to allow for trimming to size once forward skin is in place and rear skin is butted against aft edge of forward skin.

3 Apply this skin to body tube third.

Spray light coat of clear (such as Krylon Crystal Clear) to sheet before using

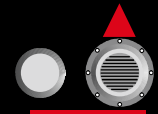
Carefully cut around "camera" lenses. The resulting tab overlaps opposite edge of wrap when complete.



Wing Root: Cut Away - Be sure centerline of cutaway aligns with wing slot in body tube

DE-301 U.S. AIR

RESERVOIR VENT
DO NOT PLUG



CAUTION

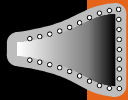
CAUTION



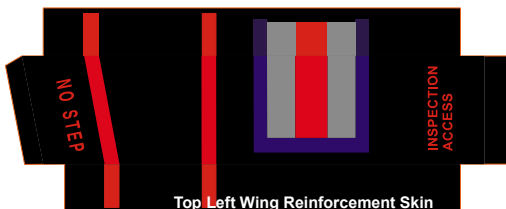
RESERVOIR VENT
DO NOT PLUG

FORCE DE-301

Wing Root: Cut Away - Be sure centerline of cutaway aligns with wing slot in body tube

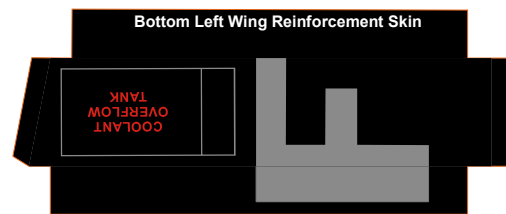


Apply this edge first ▲



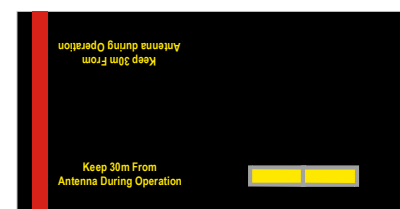
Top Left Wing Reinforcement Skin

Cut balsa wing reinforcements to 2 5/8" length before shaping and applying skins



Bottom Left Wing Reinforcement Skin

Apply this edge first



Left Rudder Fin Antenna Skin

Red band end of Antenna Skin aligns with forward edge of the aft portion of the Antenna. Trim overhanging skin from the rear of the antenna flush with the rear surface.

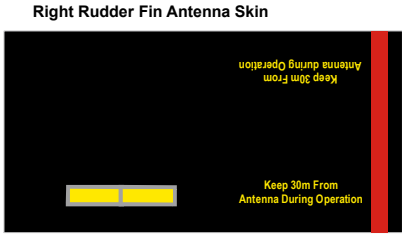
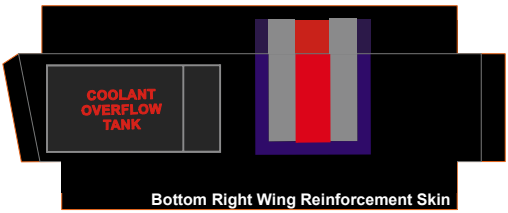
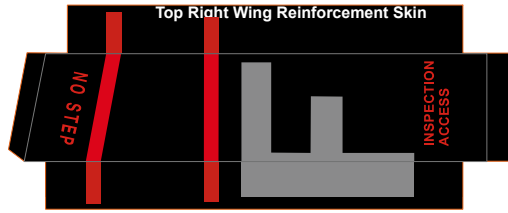
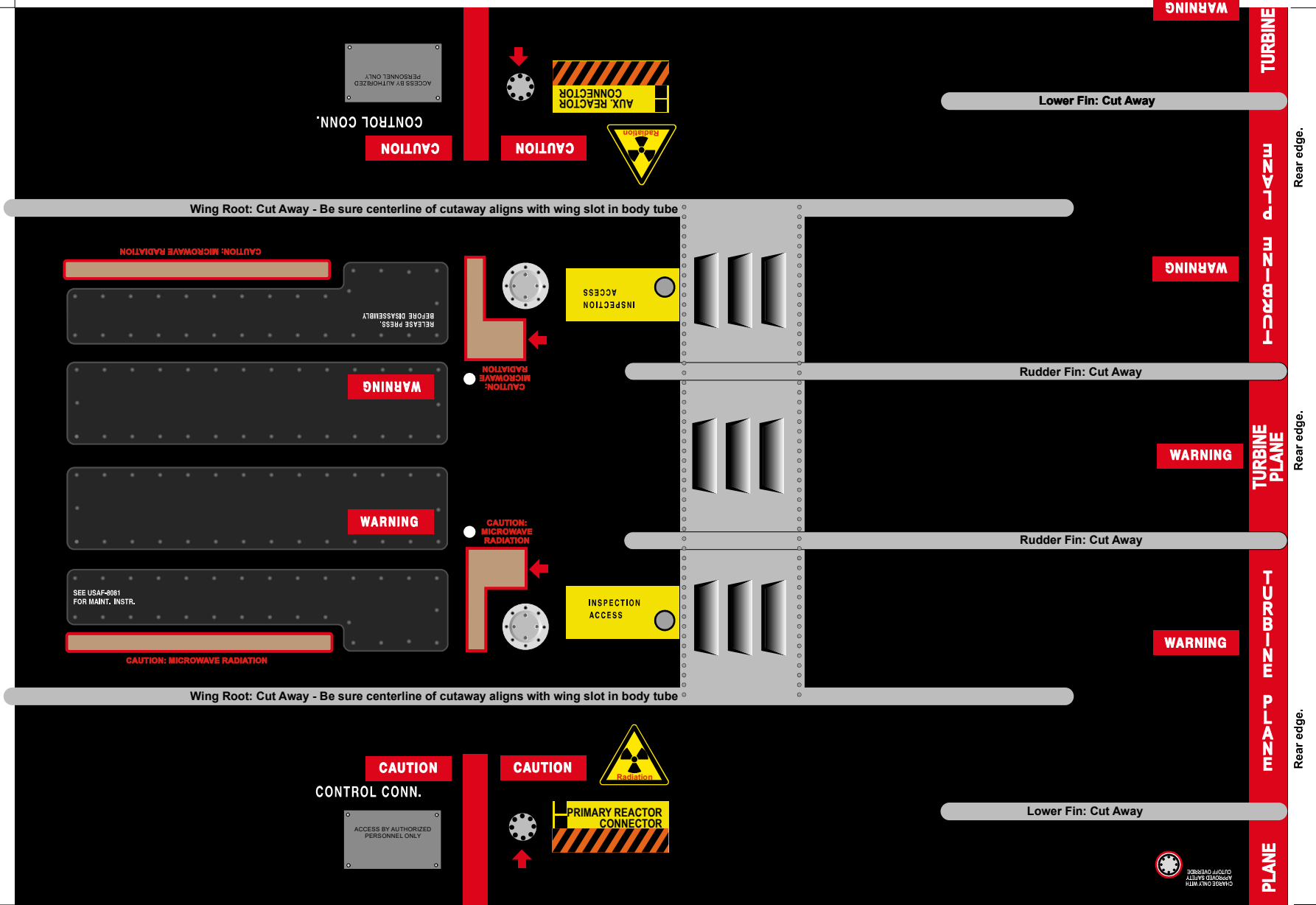
Yellow marker to rear of antenna faces outward.

REV 7-24-14

2 Apply this skin to body tube second.

Spray light coat of clear (such as Krylon Crystal Clear) to sheet before using

Carefully cut around "Warning" label edges



Red band end of Antenna Skin aligns with forward edge of the aft portion of the Antenna. Trim overhanging skin from the rear of the antenna flush with the rear surface.

Yellow marker to rear of antenna faces outward.

Cut balsa wing reinforcements to 2 5/8" length before shaping and applying skins



Cut outside of landing gear door. This overlaps door on opposite edge for 3D effect

CAUTION - DOOR
CAUTION - DOOR
PRESSURE VENT
PRESSURE VENT
APU CONN.

01
U.S. AIR FORCE

ASTRO-NAV AVIONICS
REF 888-807

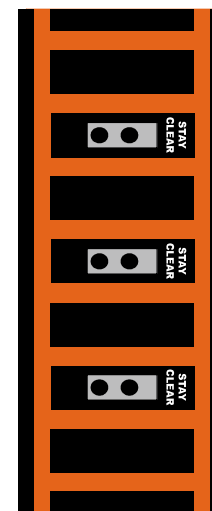
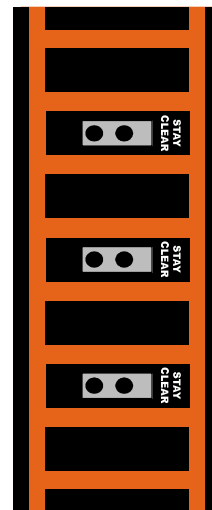
U.S. AIR
01

APU CONN.
PRESSURE VENT
PRESSURE VENT

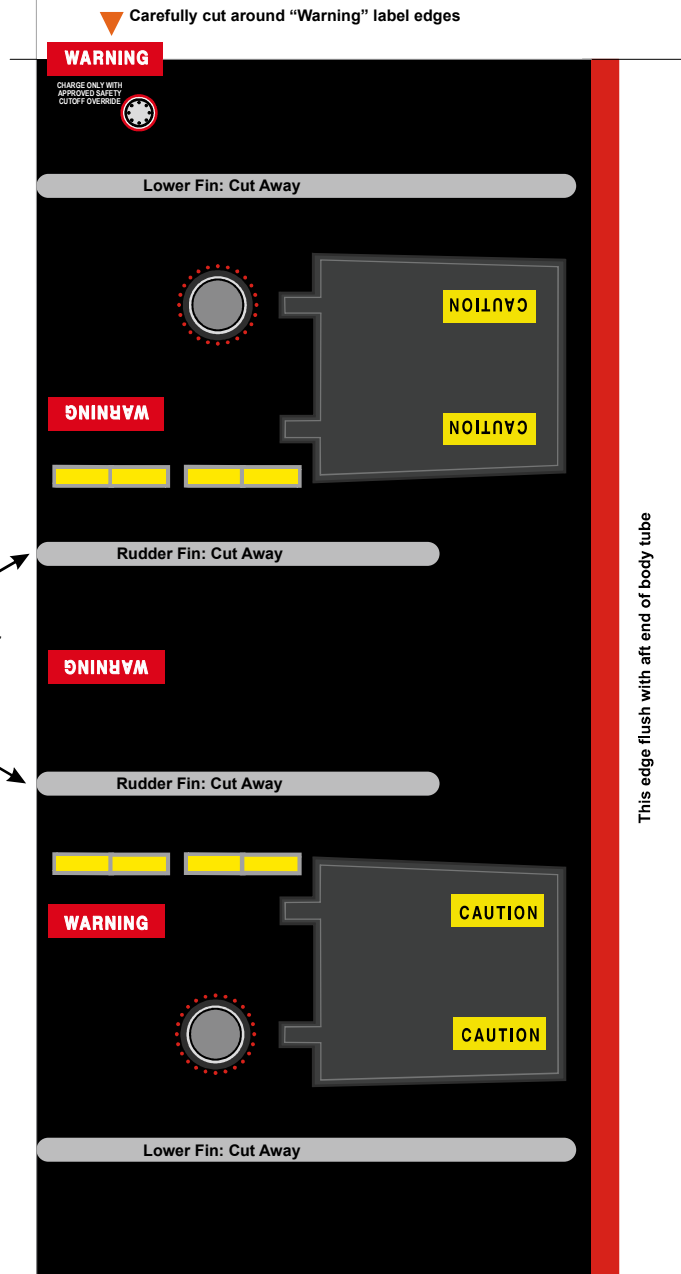
Cut around landing gear door

Apply this edge first

4 Apply this skin to the body tube last



Center the two Rudder Fin Cut Away areas with the slots cut into Aft Body Tube

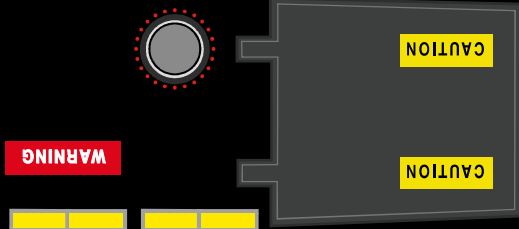


Carefully cut around "Warning" label edges

WARNING

CHARGE ONLY WITH APPROVED SAFETY CUTOFF OVERLOCK

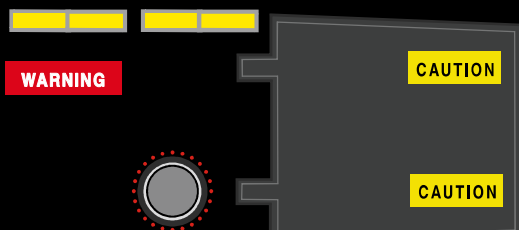
Lower Fin: Cut Away



Rudder Fin: Cut Away

WARNING

Rudder Fin: Cut Away



Lower Fin: Cut Away

Apply this edge to body tube first

1 Apply this skin to the body tube first

This edge flush with aft end of body tube

There are four sections of body tube skins numbered with red 1-4. Apply #1 to rear of body first, then 2, etc.

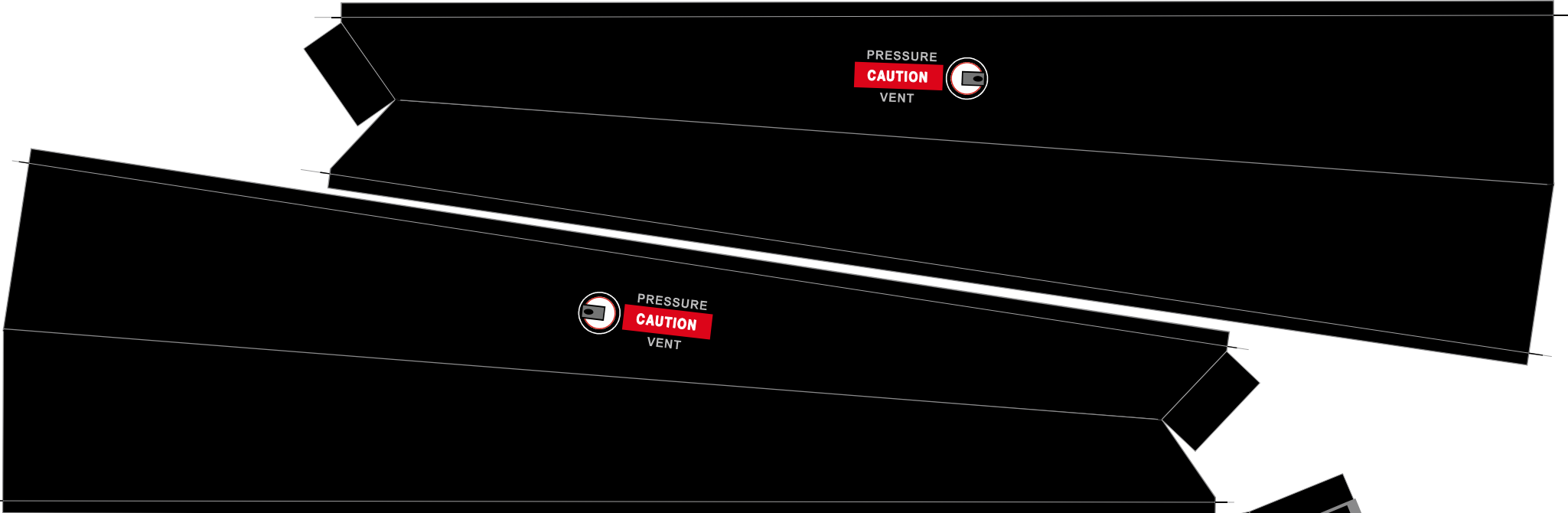
Spray light coat of clear (such as Krylon Crystal Clear) to sheet before using

REV 7-24-14

Black Interceptor-E
Standard Contrast

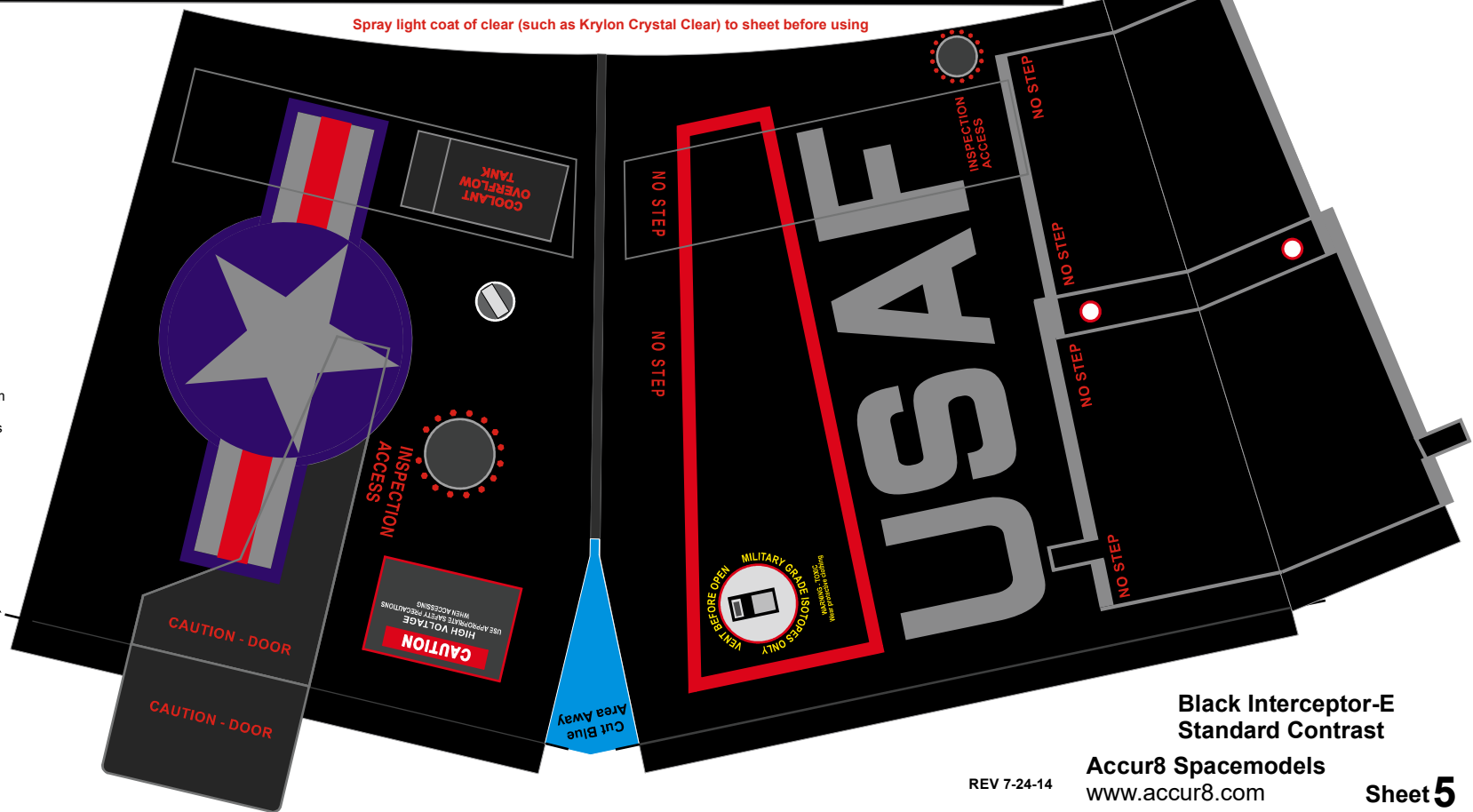
Accur8 Spacemodels
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Sheet 4



Spray light coat of clear (such as Krylon Crystal Clear) to sheet before using

This line represents wing to body tube root edge. Fold excess skin along this line (or trim away to this line if you are going to paint the root fillet rather than bridge it with the excess skin) and use as guide for skin positioning. Also match landing gear door on skin with door on body tube.



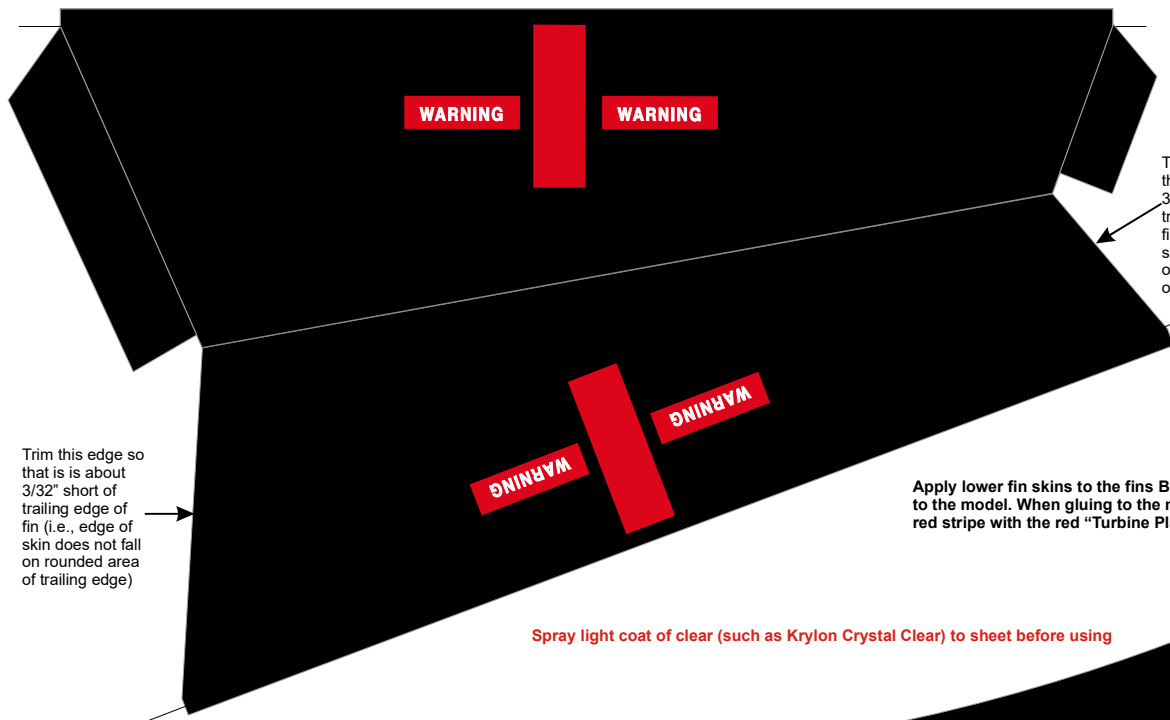
Black Interceptor-E
Standard Contrast

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REV 7-24-14

Sheet 5

Left Lower Fin

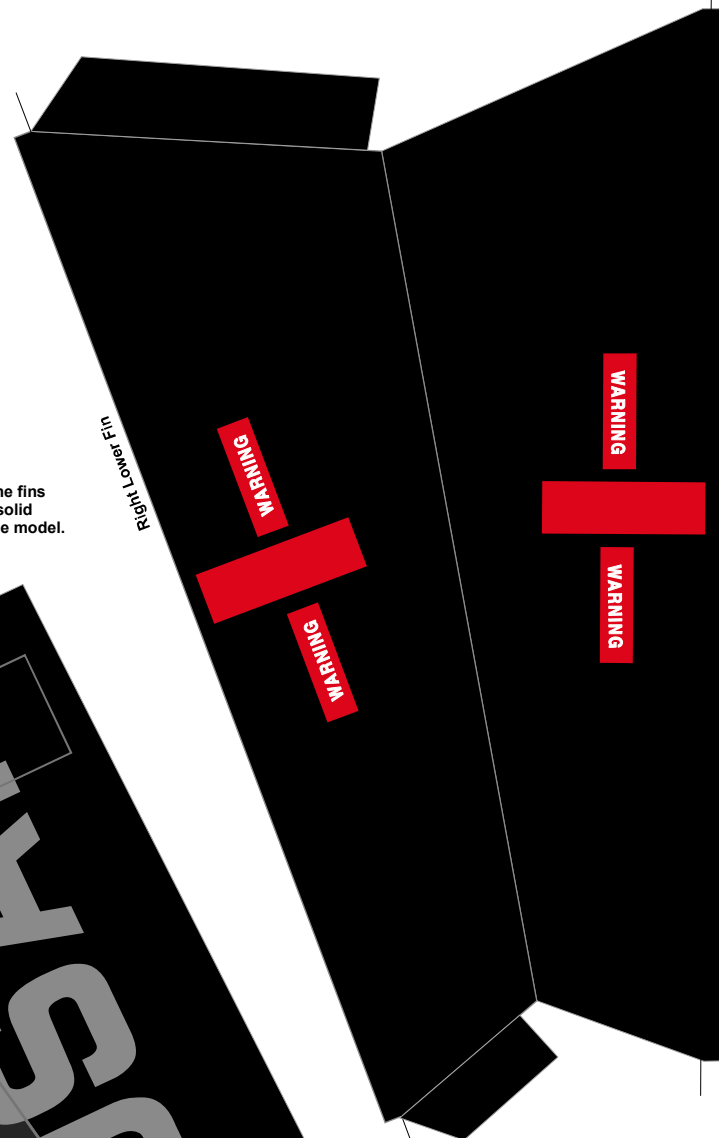


Trim this edge so that is about 3/32" short of trailing edge of fin (i.e., edge of skin does not fall on rounded area of trailing edge)

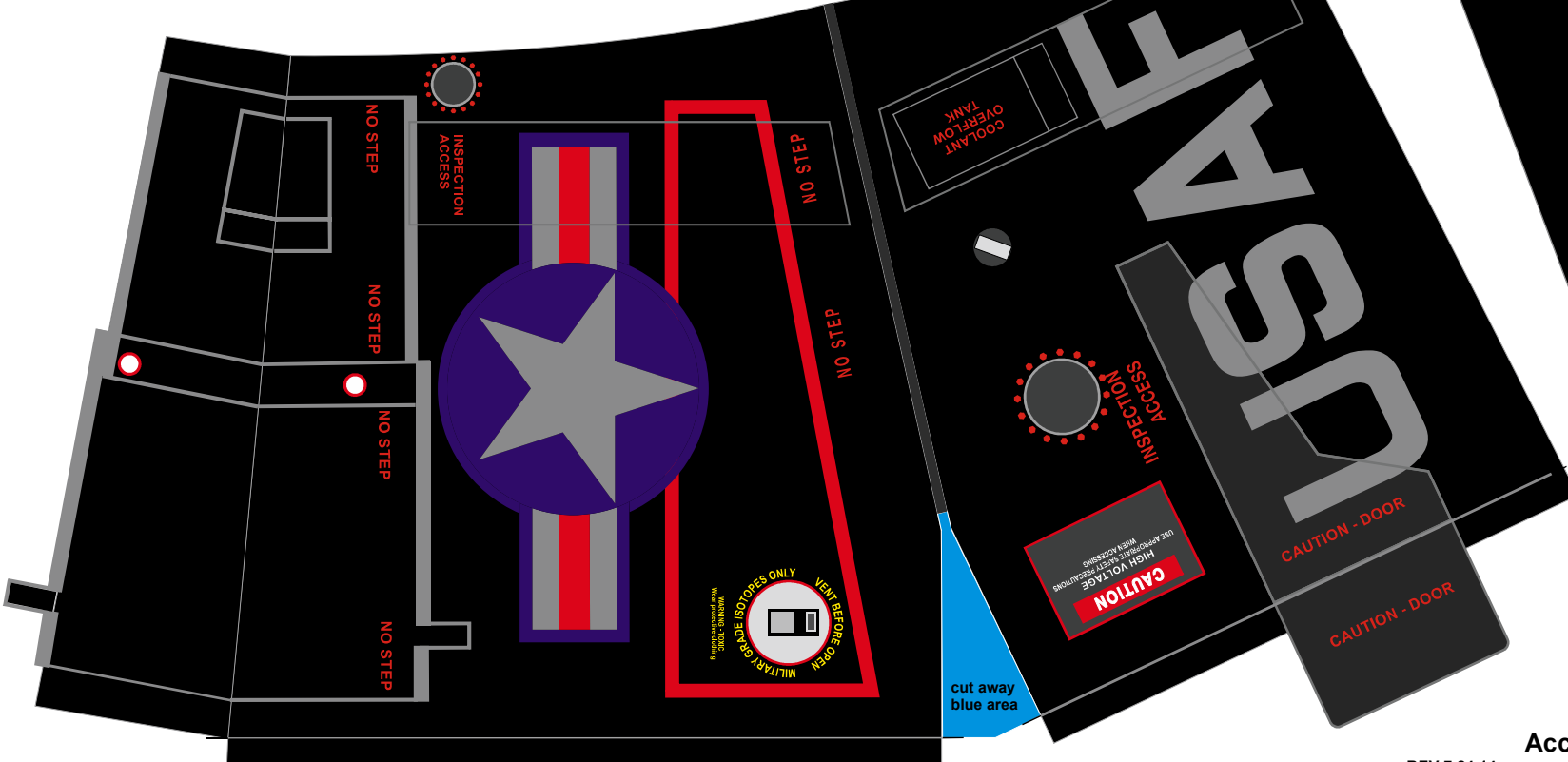
Trim this edge so that is about 3/32" short of trailing edge of fin (i.e., edge of skin does not fall on rounded area of trailing edge)

Apply lower fin skins to the fins BEFORE gluing the fins to the model. When gluing to the model, align the solid red stripe with the red "Turbine Plane" stripe on the model.

Spray light coat of clear (such as Krylon Crystal Clear) to sheet before using



This line represents wing to body tube root edge. Fold excess skin along this line (or trim away to this line if you are going to paint the root fillet rather than bridge it with the excess skin) and use as guide for skin positioning. Also match landing gear door on skin with door on body tube.



**Black Interceptor-E
Standard Contrast**

Apply this skin to Right rudder First, folding the leading and trailing edge tabs over to other side of fin.

86301

Cut Blue Area away after applying skin
Align this edge with tip of rudder

Cut Blue Area away after applying skin
Align this edge with tip of rudder

Align top edge of rudder skins with top edge of rudders and then trim leading, trailing and root edges to fit (nly trim root edge for the "86301" skins.

The excess skin at the root edge is intentional. If you have created a large fillet when attaching the rudders and wings to body tube, the excess can extend over and cover the fillet.

Cut Blue Area away after applying skin
Align this edge with tip of rudder

The "USAF" skins are applied last to the rudders. They overlap the tabs which wrapped around the leading and trailing edges when the "86301" skins were applied. These skins are intentionally oversized. Position and Trim these skins so that 1/16" to 3/32" of the leading and trailing edges are exposed.

**Black Interceptor-E
Standard Contrast**

Spray light coat of clear (such as Krylon Crystal Clear) to sheet before using

REV 7-24-14

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← Grain →
Wing Chine (Make 2)

← Grain →
Rudder Chine (Make 2)

REMOVE

Engine Mount Radiator Fin from Cosmic Interceptor kit
(Modify by removing grey area indicated above)

Wing (Make 2)
← Grain →

Rudder (Make 2)
← Grain →

Antenna (Make 2 from 3/16" dowel)

Ventral Fin (Make 2)
← Grain →

Pattern Sheet

Layout on 4X24x1/8"

Make the wing pods using a 3" section of BT-20 body tube and 1 long ogive plastic nosecone and one short parabolic nosecone from the Estes #3162 Nosecone pack. Unfortunately, though the #3162 Nosecone Pack almost always comes with two long ogive nosecones it doesn't always come with two of the short parabolic nosecones but instead has two short blunt-point nosecones. You can still make good-looking wing pods using the conical nosecones. In the older Estes parts nomenclature the long nosecone would be a PNC-20W and the short nosecone would be a PNC-20B. You can substitute equivalently shaped balsa nosecones.

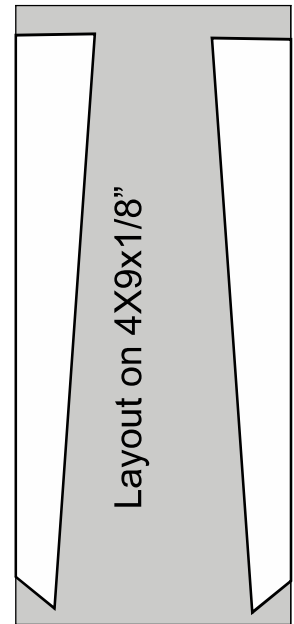
Modify the **Cosmic Interceptor engine mount** radiator fins as shown to the left on the Pattern Sheet by removing the projecting tab. Paint radiator fin section Black or Gunmetal. Save installing engine mount until the model is complete then install so the cooling fins protrude by about 1 to 1.25 inches and the engine hook is aligned between the rudder fins or the ventral fins.

The skins for the body tubes have the locations for the wings, ventral fins and rudders. **Glue the wings on first** so that with the body tube resting on your work surface both wing tips also rest on your work surface. After the wings are dry glue the ventral fins and rudders so they point straight away from the body tube.

Recommended Extra Parts

In Addition To Cosmic Interceptor Kit

- 1) Estes #3162 Nosecone Pack
- 2) Two Sheets 24X4X1/8" Dense Balsa or Basswood (basswood is recommended)
- 3) Two 4" long by 3/16" hardwood dowels



REV 2-6-16