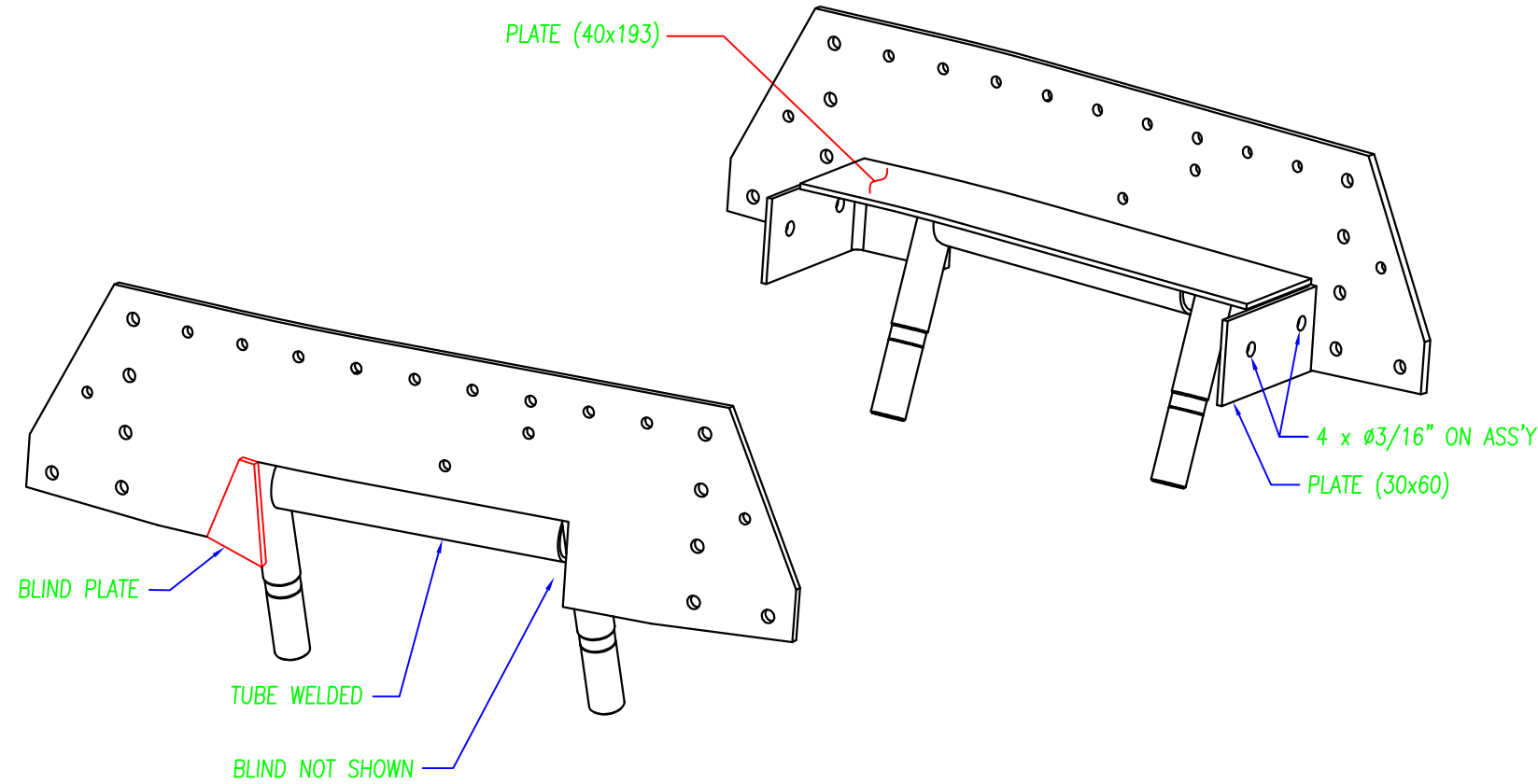
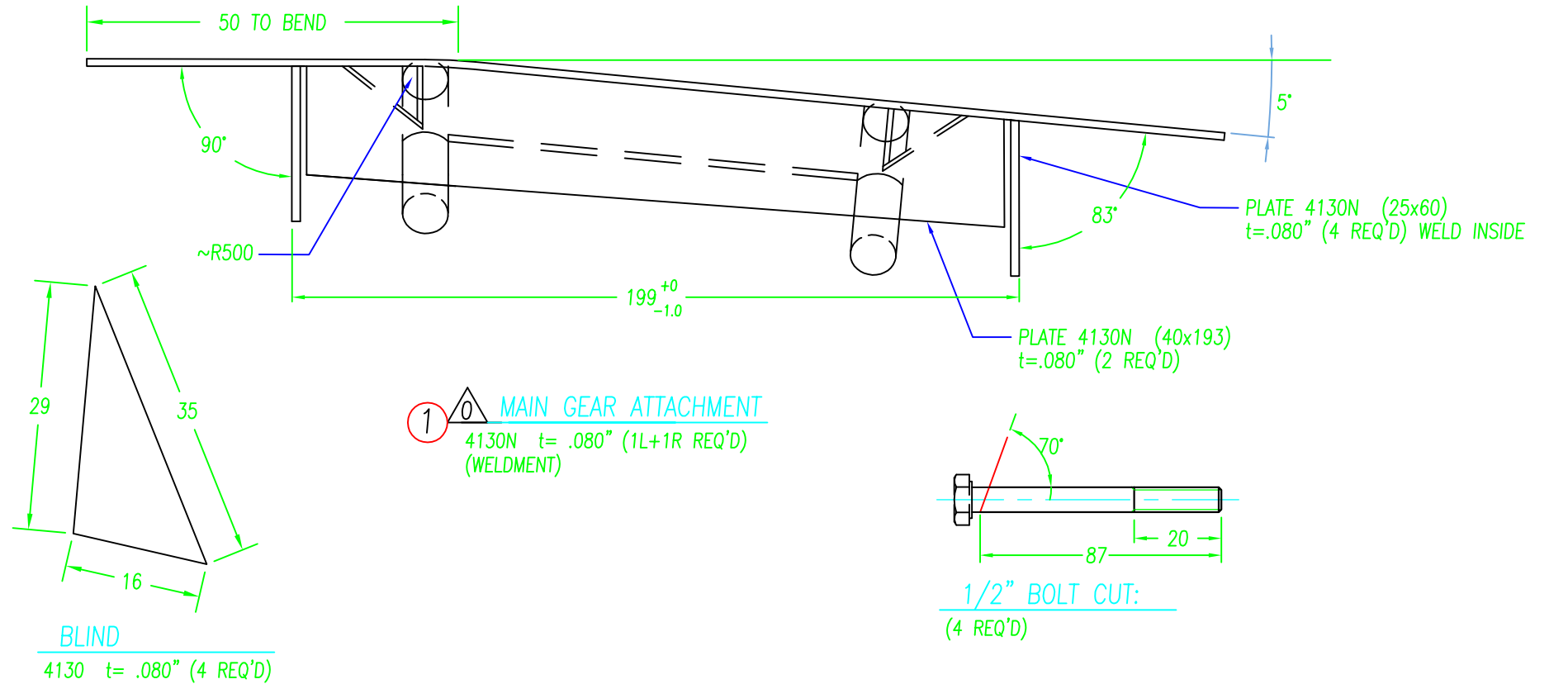
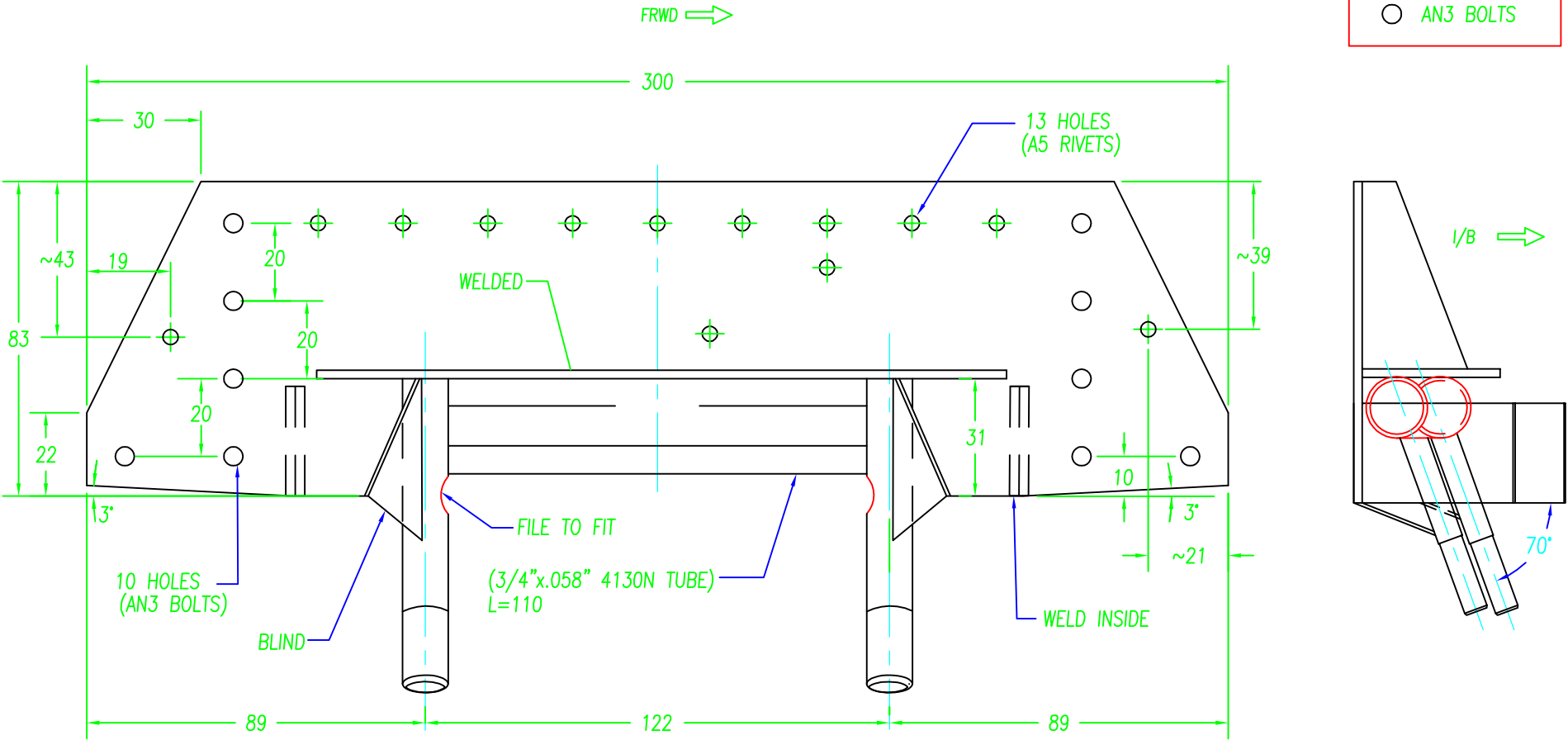


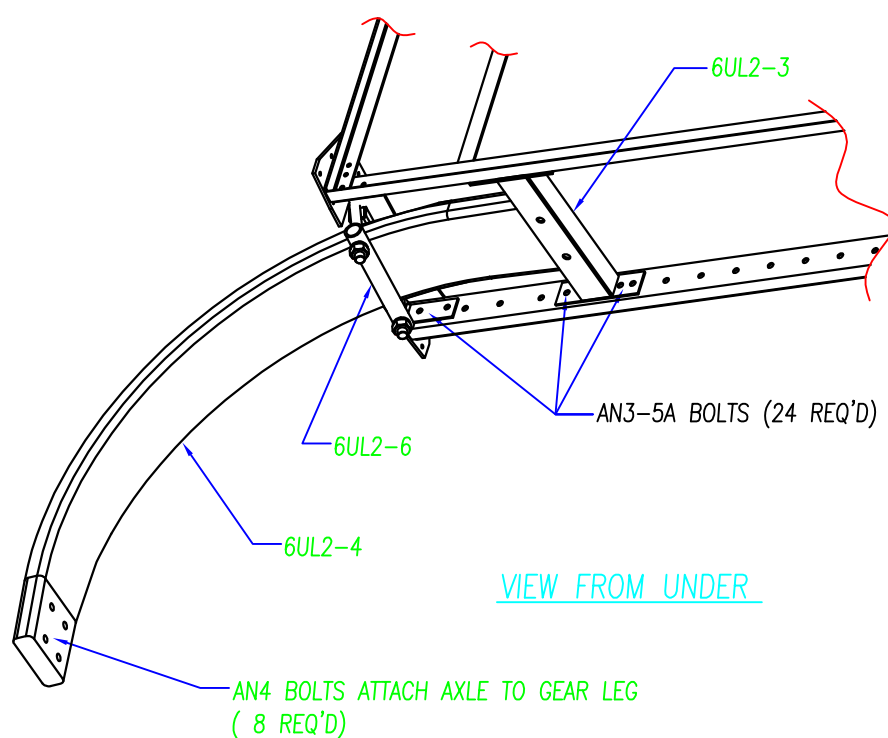
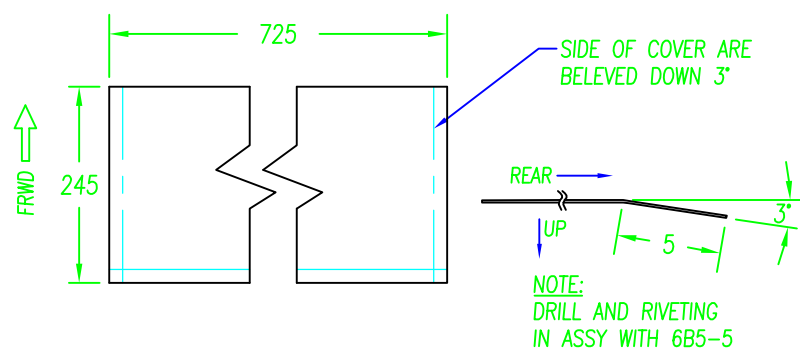
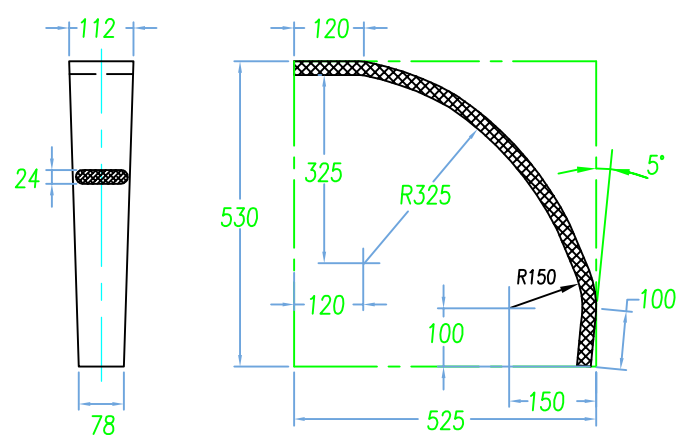
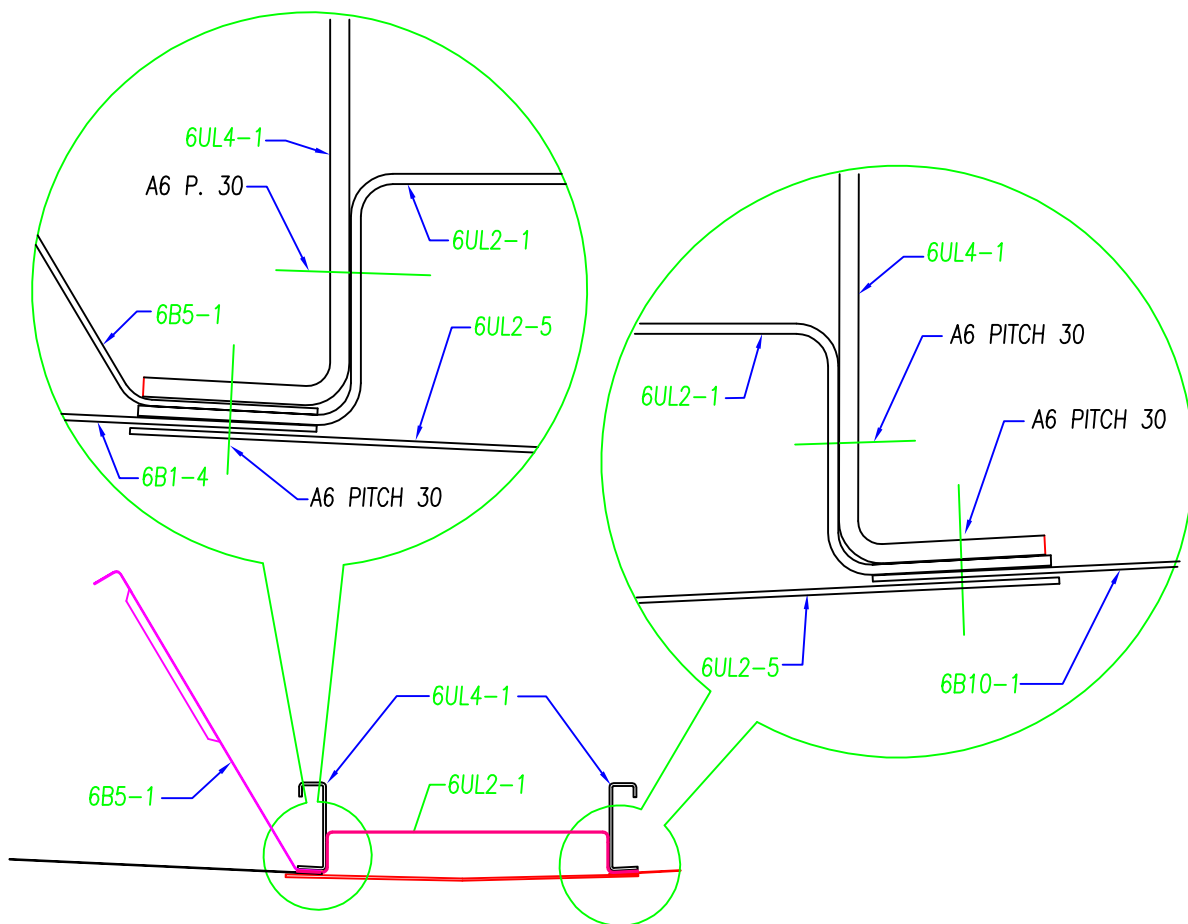
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A5 RIVETS

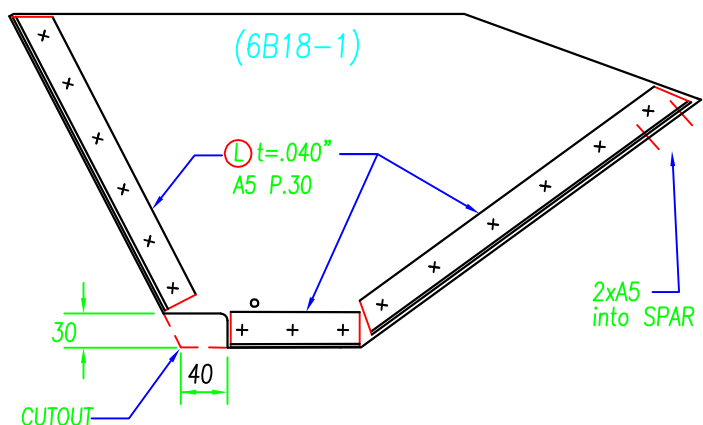
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AN3 BOLTS

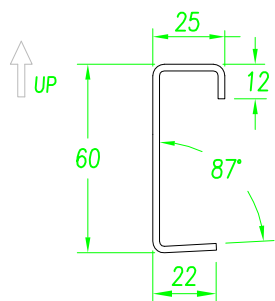




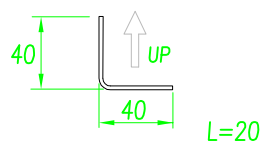




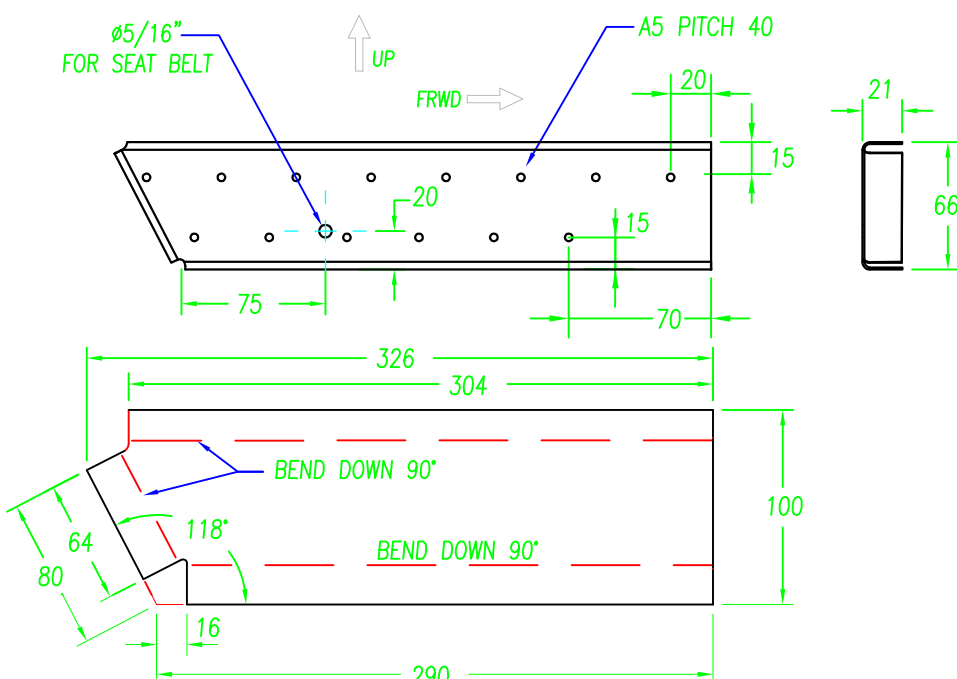
SIDE FAIRING



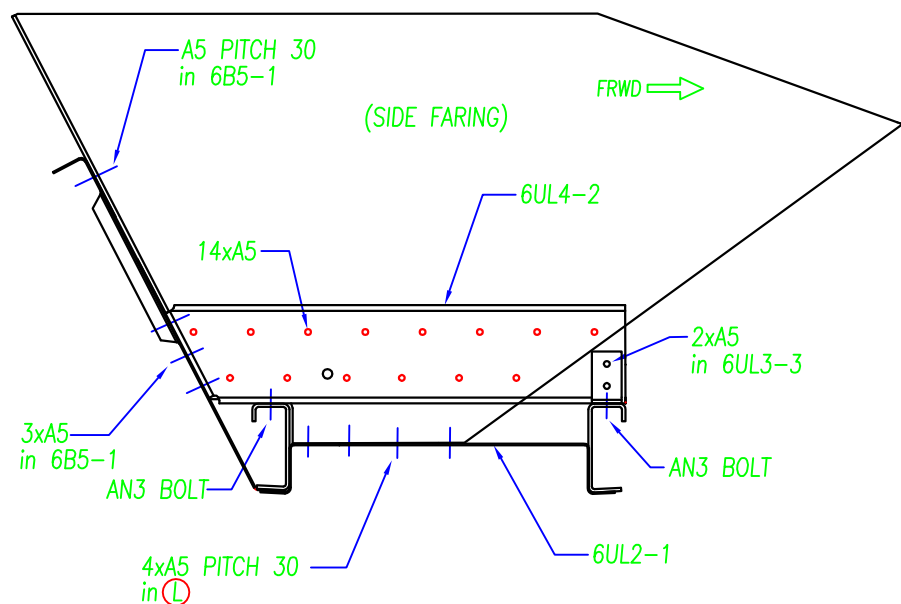
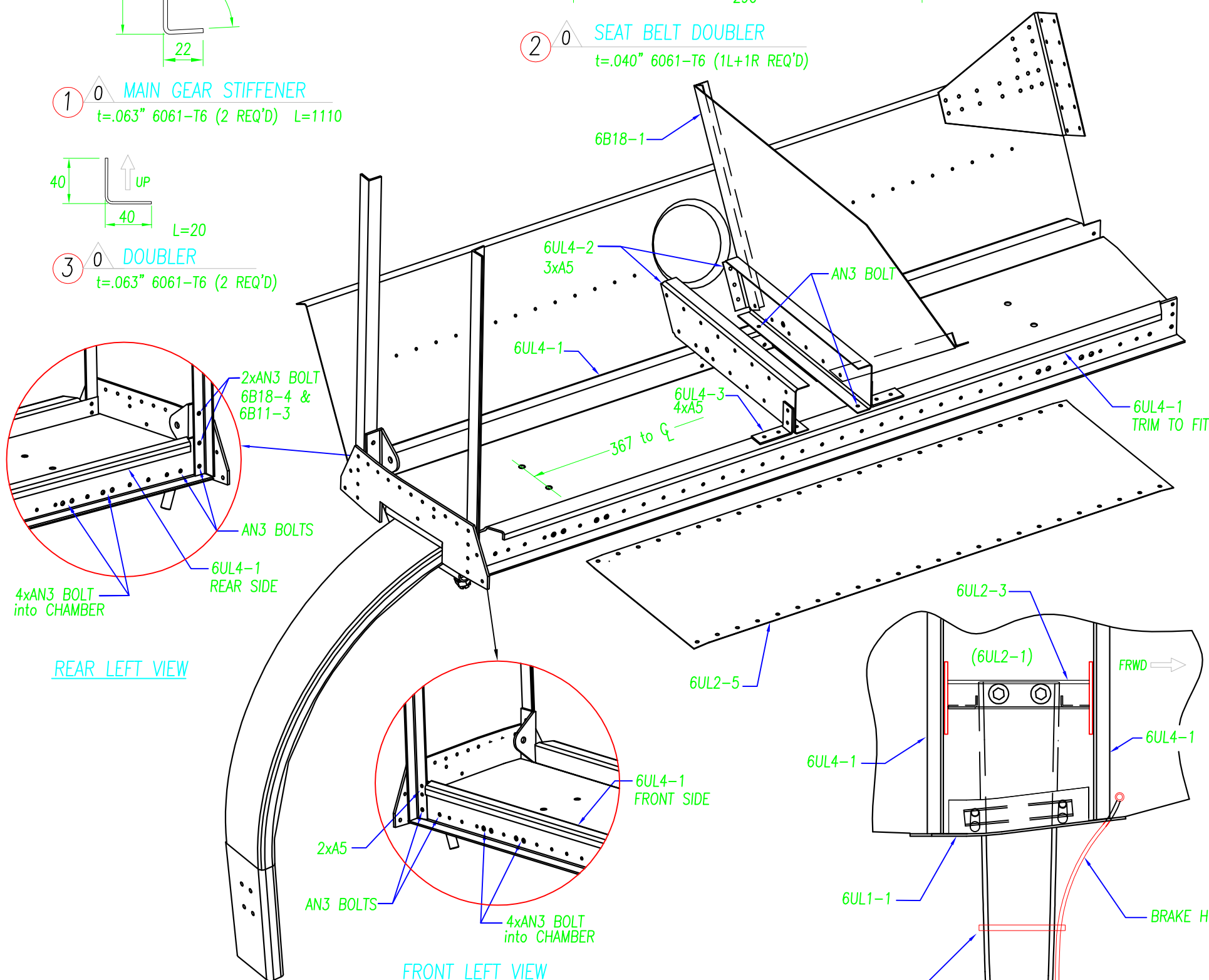
- 1 0 MAIN GEAR STIFFENER
 $t = .063"$ 6061-T6 (2 REQ'D) L=1110



- 3 0 DOUBLER
 $t = .063"$ 6061-T6 (2 REQ'D)



- 2 0 SEAT BELT DOUBLER
 $t = .040"$ 6061-T6 (1L+1R REQ'D)



SIDE VIEW

- AN5-16A BOLT
AN960-516 WASHER
AN365-524 SL NUT
(ALL 4 REQ'D)

REAR VIEW

- AN365-820 SL NUT
+AN916-816 WASHER

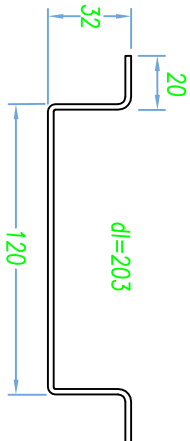
ZODIAC
601 XL-ULM

MAIN CHANNEL
REINFORCMENT

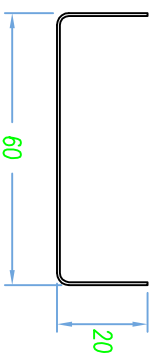
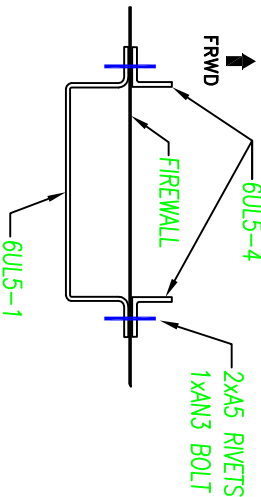
6-UL-4

REV.

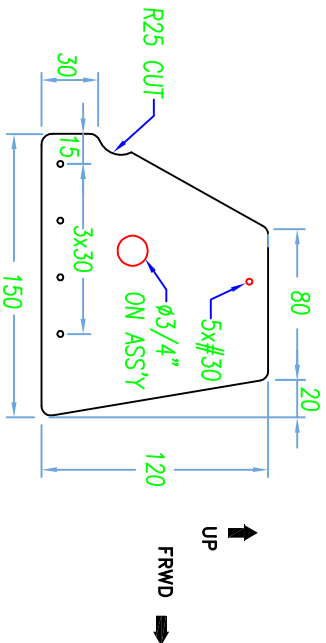
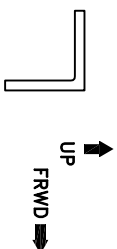
06/2007



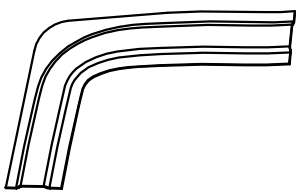
1 **ROCKET BRACKET**
6061-T6 t=.090" L=85 (1 REQ'D)



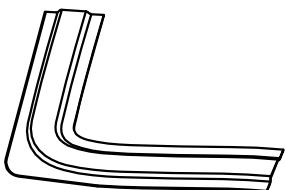
2 **GUARD**
6061-T6 t=.025" L=300 (1 REQ'D)



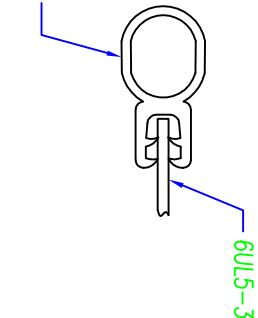
6 **CORNER A.B.S. GUSSET**
A.B.S. MATERIAL (2 REQ'D) t=.060"



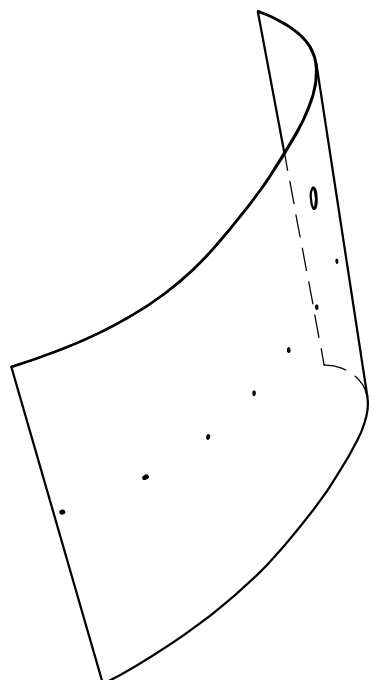
8 **REAR STRAP COVER**
FIBERGLASS (1 REQ'D)



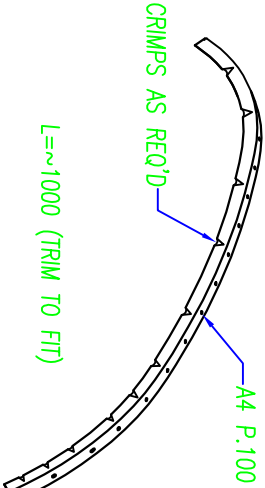
9 **FRONT STRAP COVER**
FIBERGLASS (1 REQ'D)



6UL5-3
825-064 TRIM

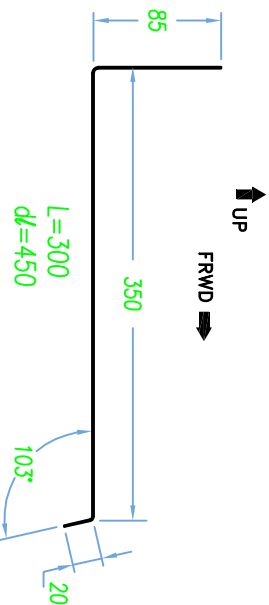


3 **A.B.S. FRONT TOP SKIN**
A.B.S. MATERIAL (1 REQ'D) t=.060"

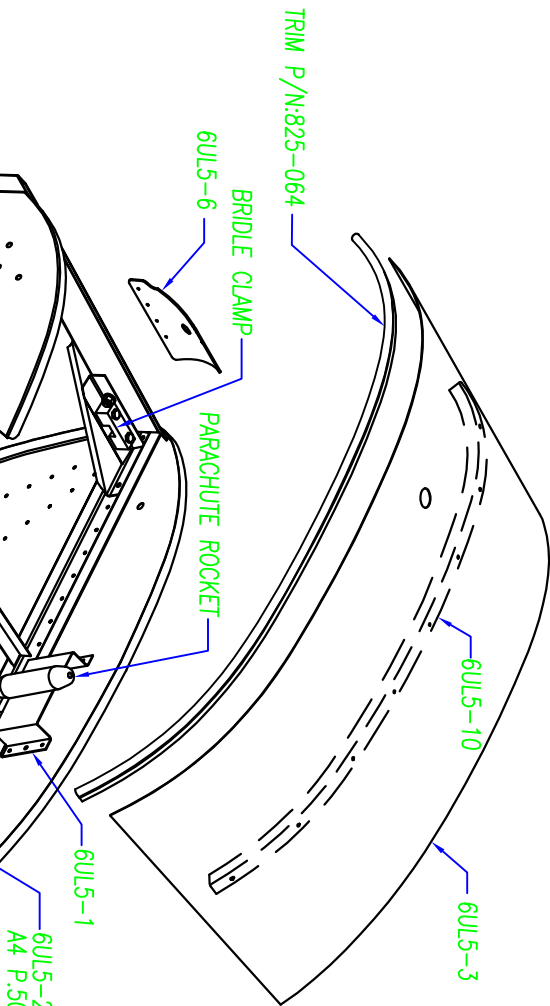


L=~1000 (TRIM TO FIT)

10 **BENT L ANGLE**
6061-T6 t=.025"



7 **PARACHUTE TRAY**
6061-T6 t=.040" (1 REQ'D)



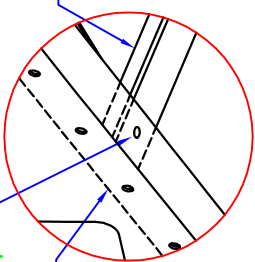
6UL5-2
A4 P.50

6UL5-1

(6UL5-7)

6UL5-5

(6UL12-6)



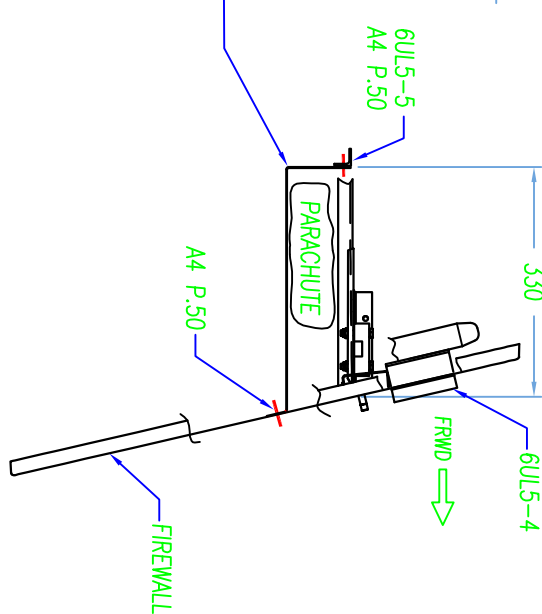
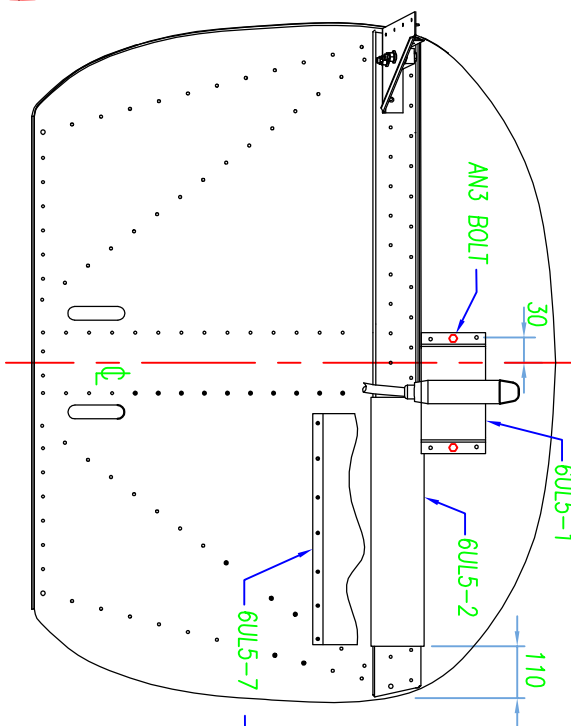
A DETAIL

6UL5-5

6B11-1

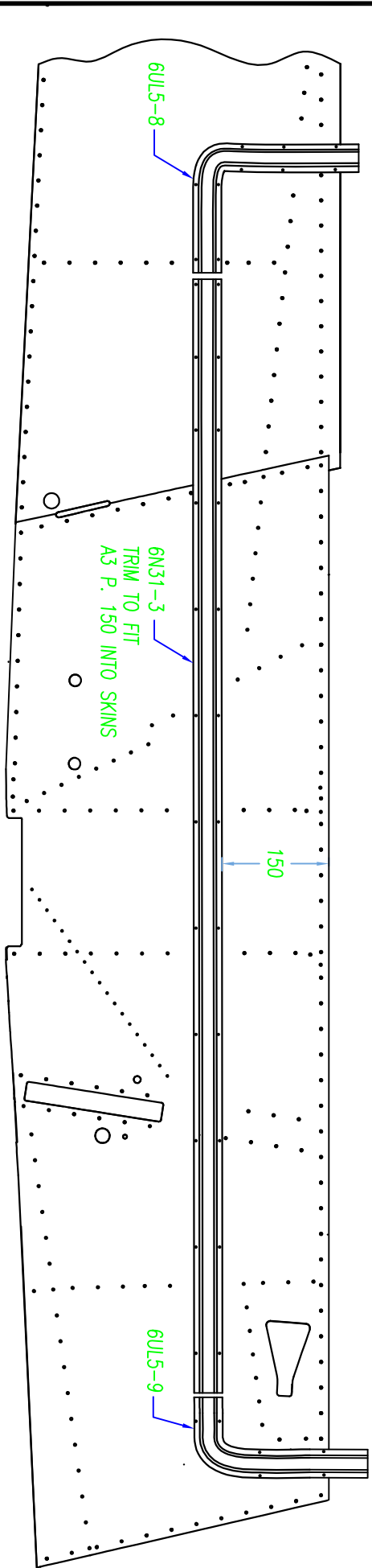
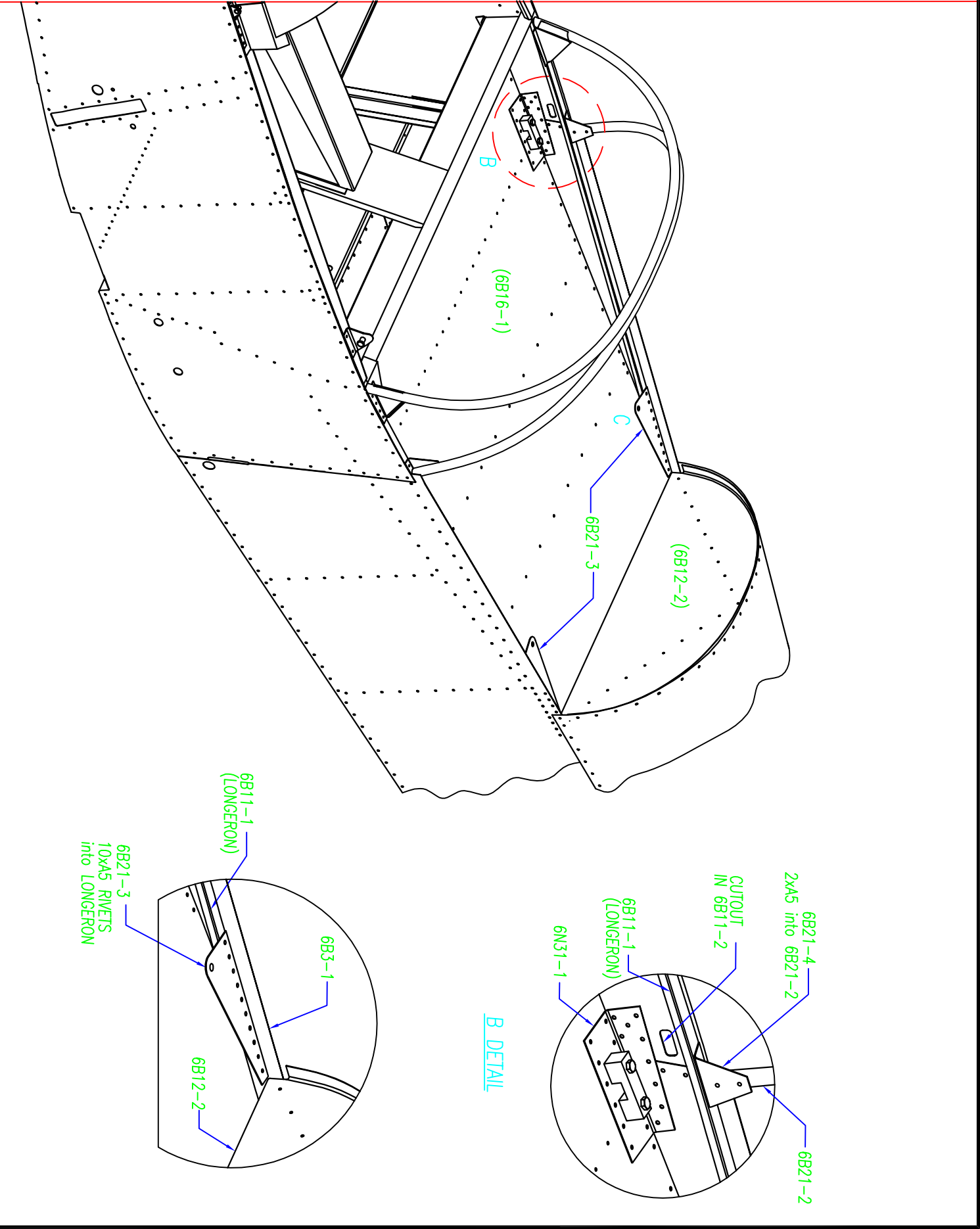
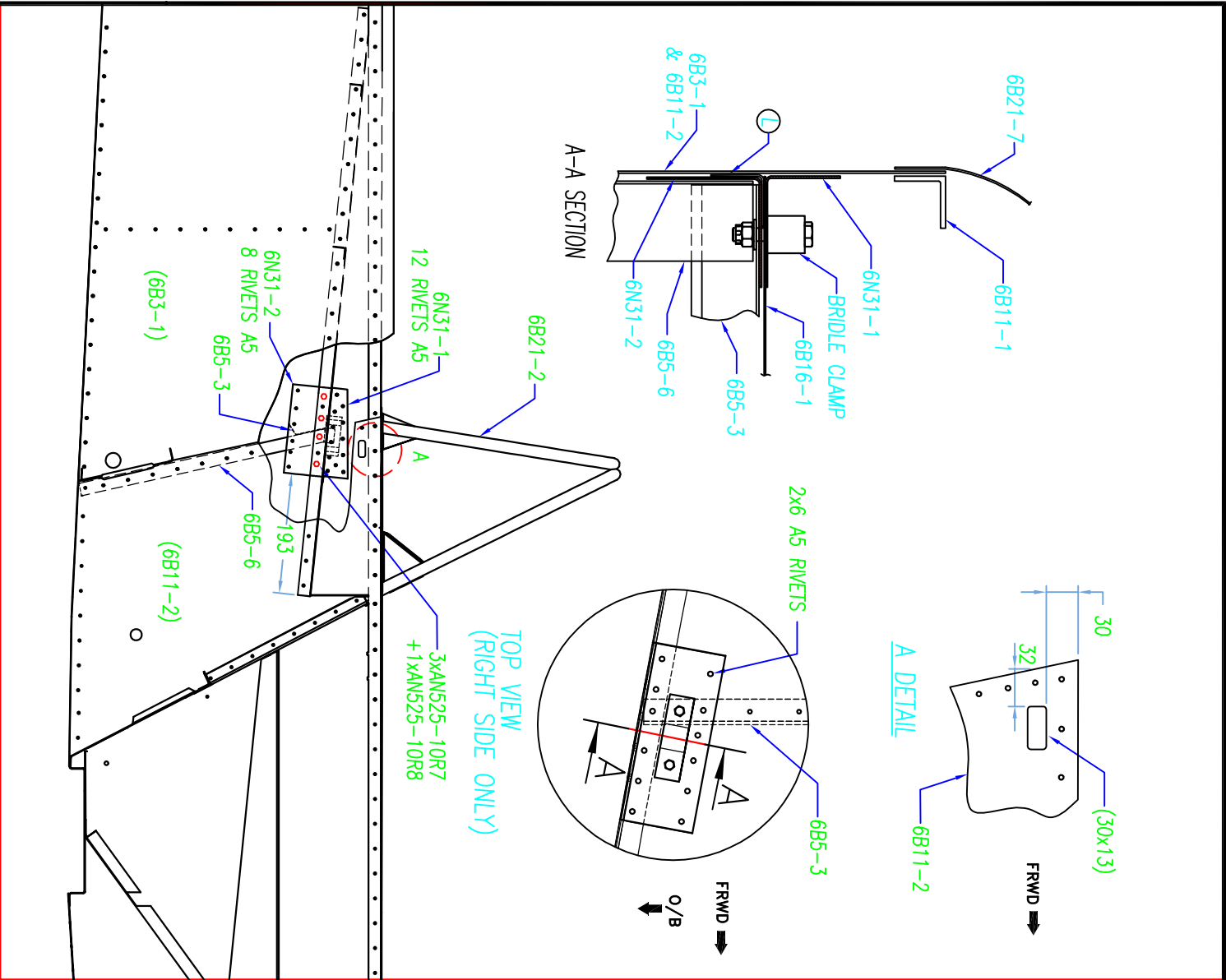
MS20426-AD5 RIVET

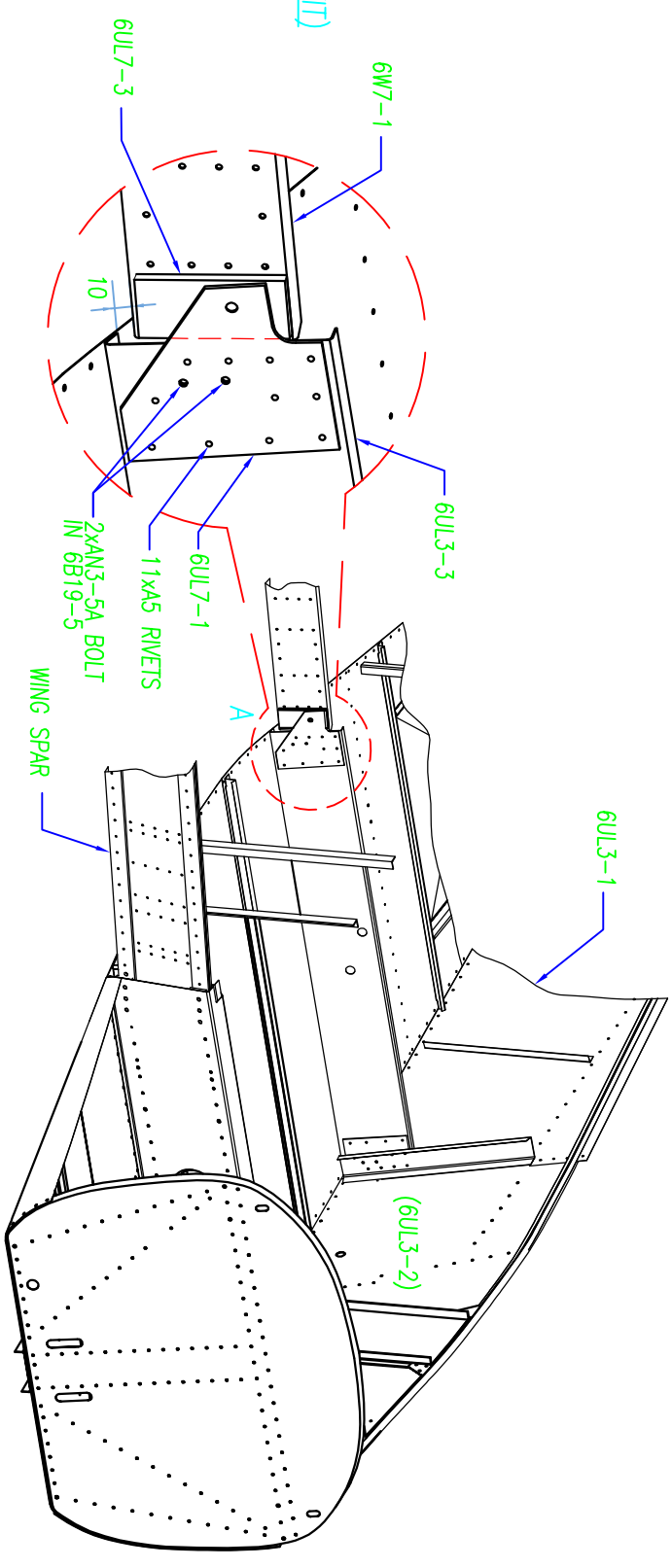
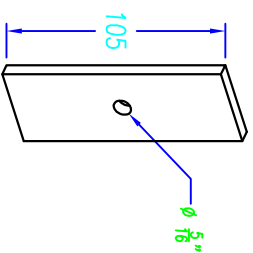
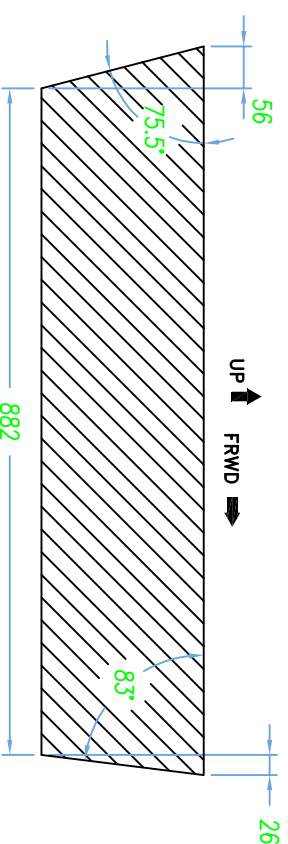
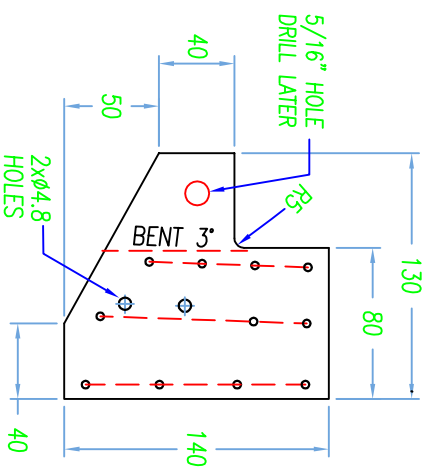
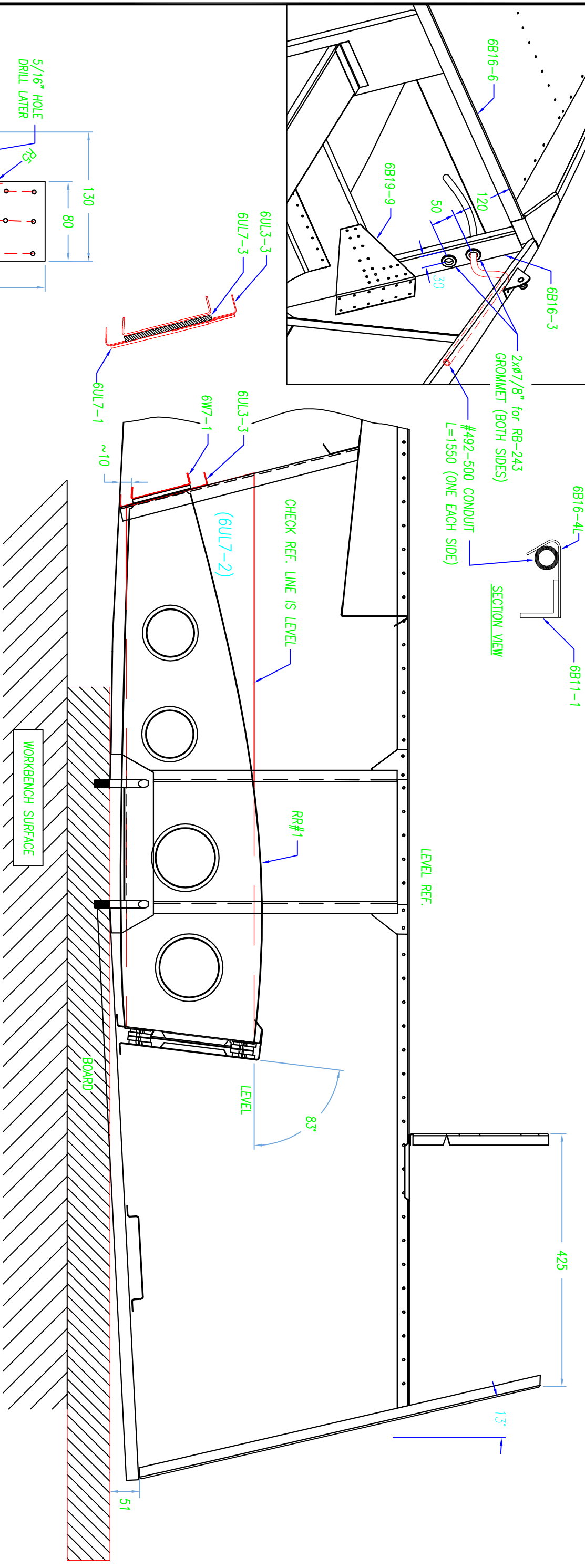
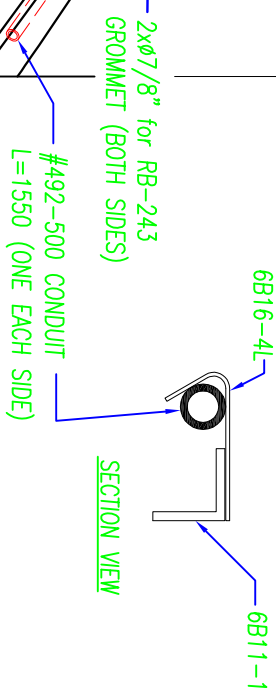
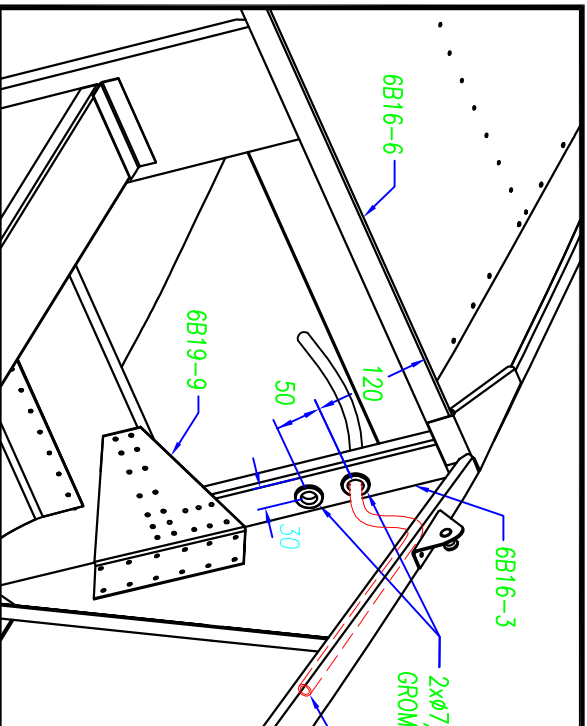
REAR VIEW



A4 P.50

FIREWALL





A DETAIL

WING TEMPLATE JIG
PLYWOOD t=1/2" (1 REQ'D)
2

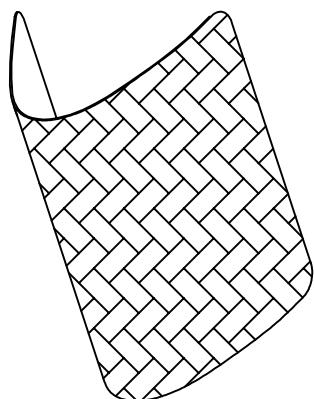
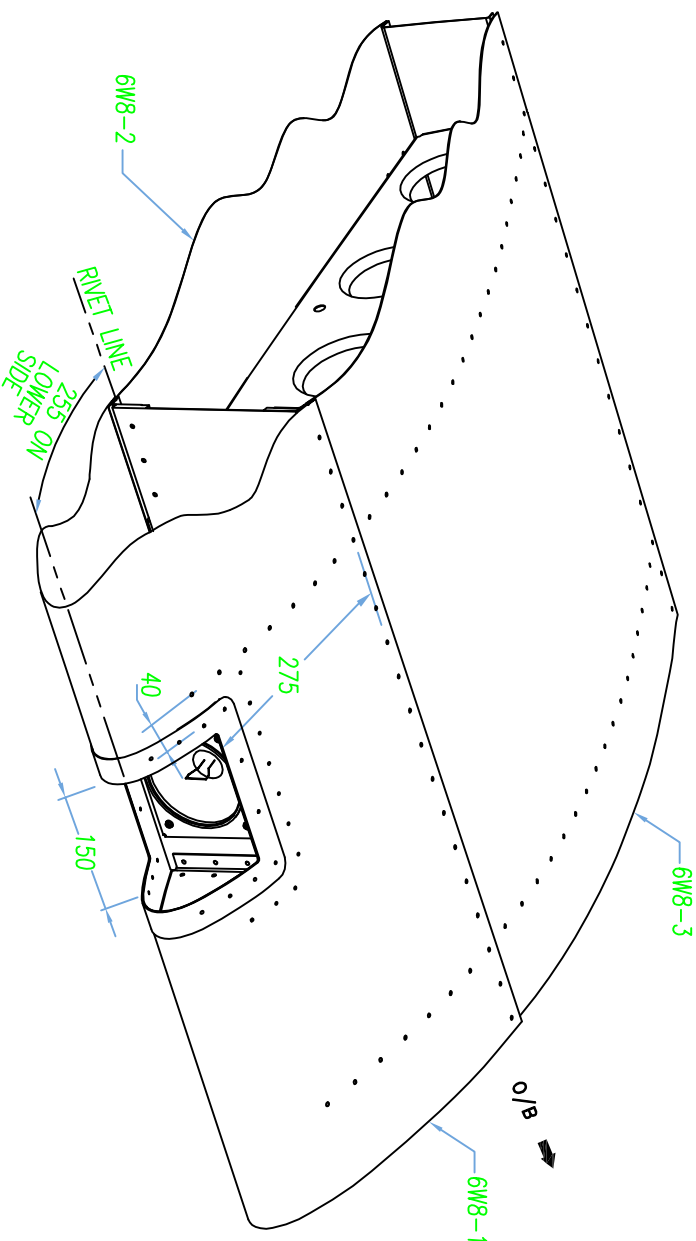
4 SIDE SKIN COVER (RETROFIT)
t=.020" (2 REQ'D) dl=155 L=200

ZODIAC
601 XL-ULM

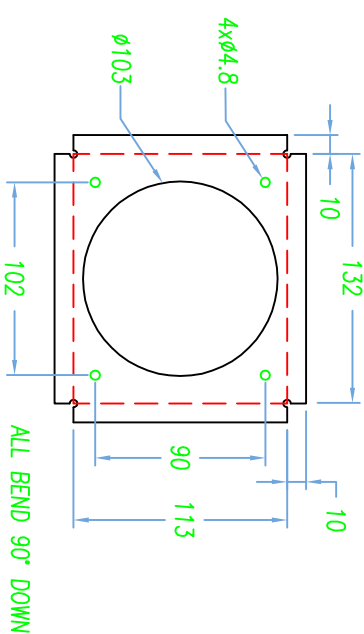
REAR WING ATTACHMENT & CENTER SPAR JIG

6-UL-7

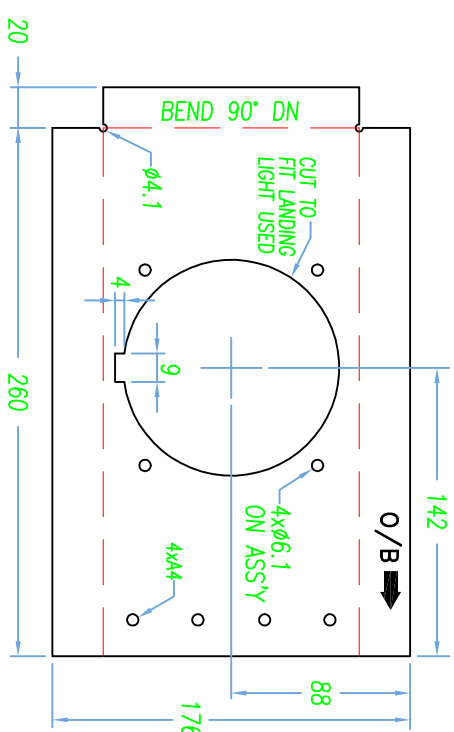
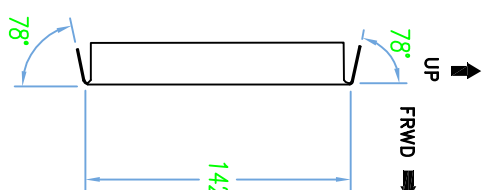
REV.
03/2008



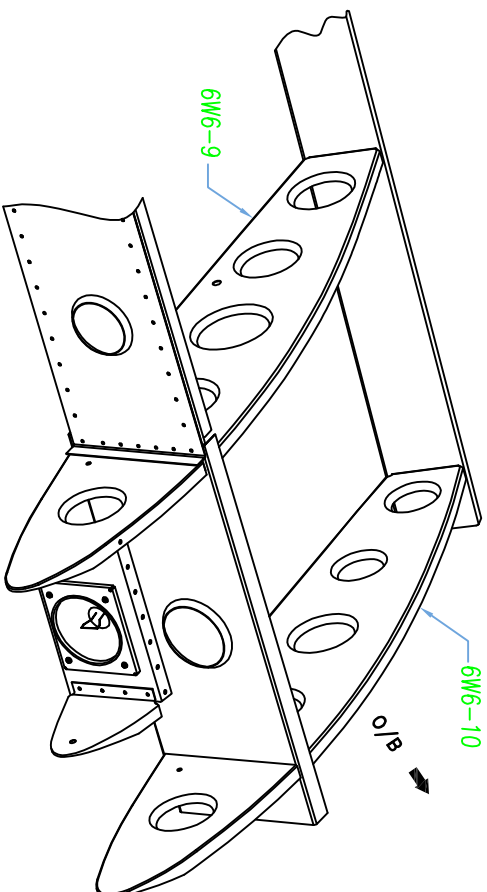
5 LANDING LIGHT LENS
LEXAN t=.040" 210x300 (1 REQ'D)



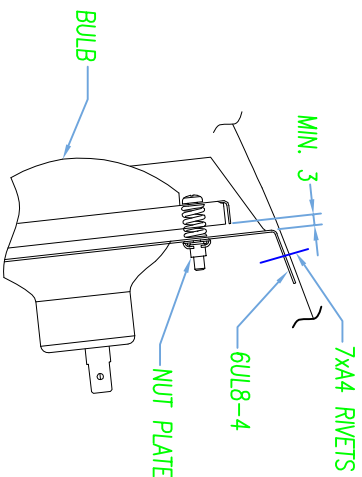
3 FACE PLATE
6061-T6 152x133 t=.025" (1 REQ'D)



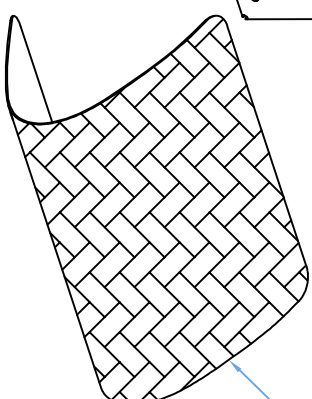
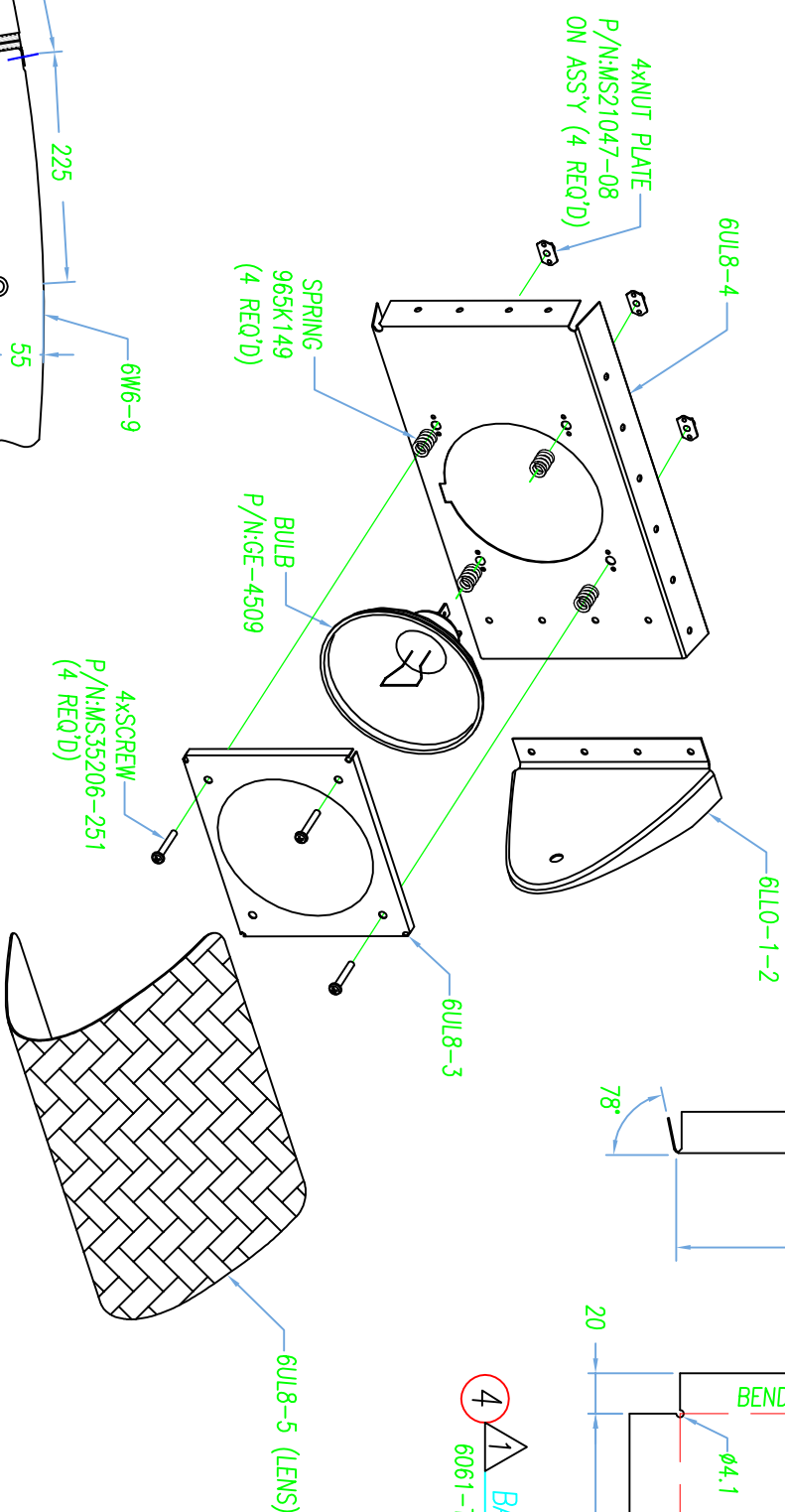
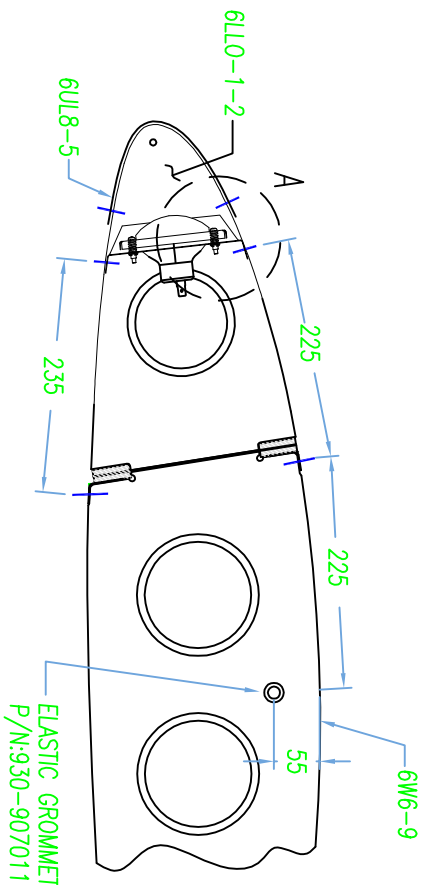
4 BACK PLATE
6061-T6 280x190 t=.025" (1 REQ'D)



TAXI LIGHT (LEFT WING ONLY)



A DETAIL

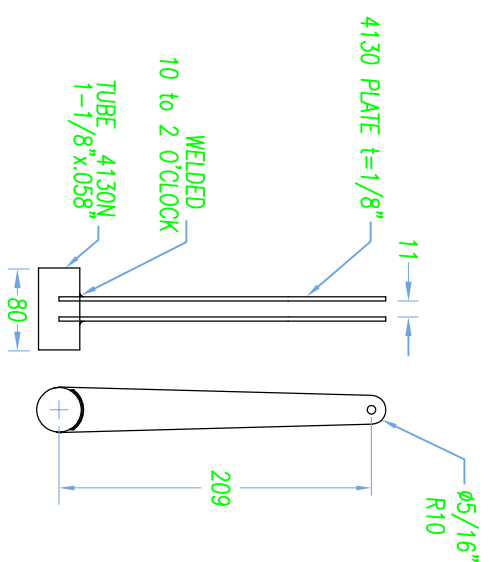
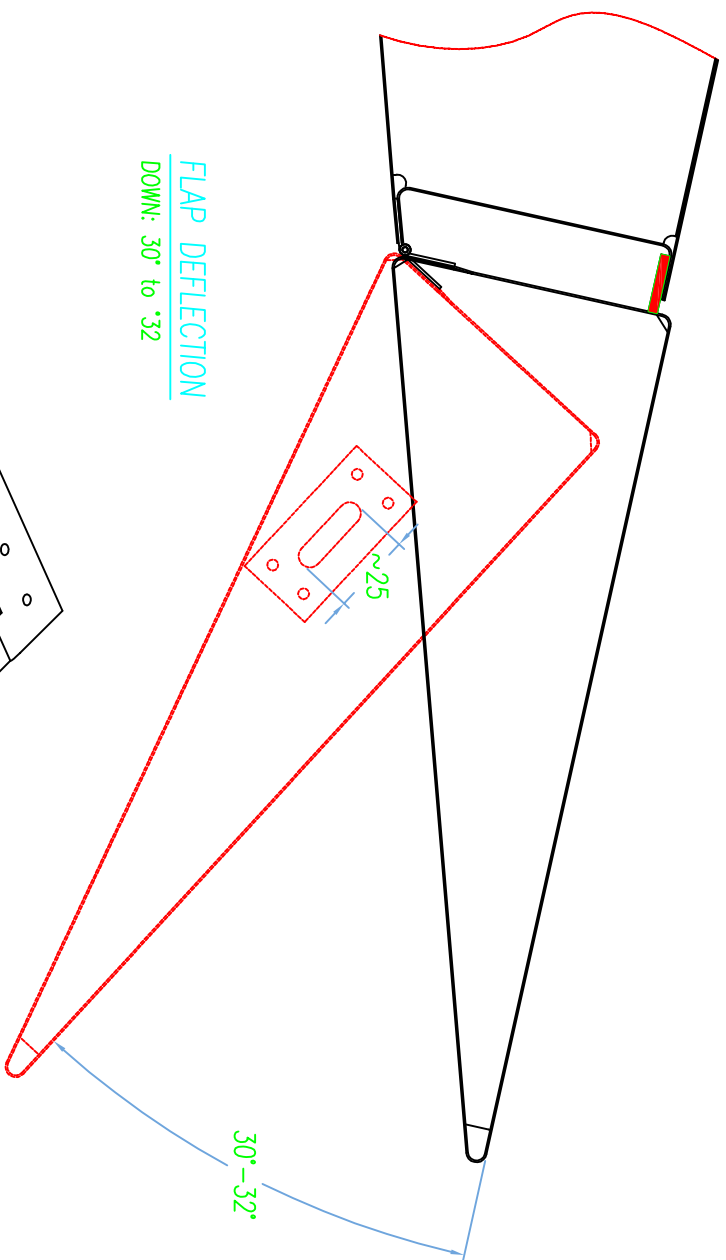


ZODIAC
601 XL-ULM

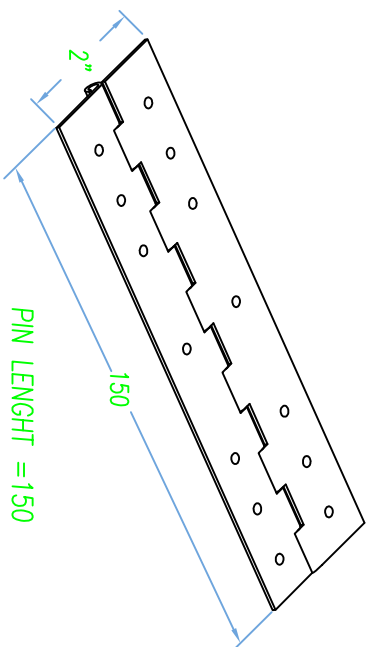
OPTIONAL: TAXI LIGHT

6-UL-8

REV.
03/2008



1 FLAP CONTROL ARM
WELDED ASSEMBLY (1 REQ'D)



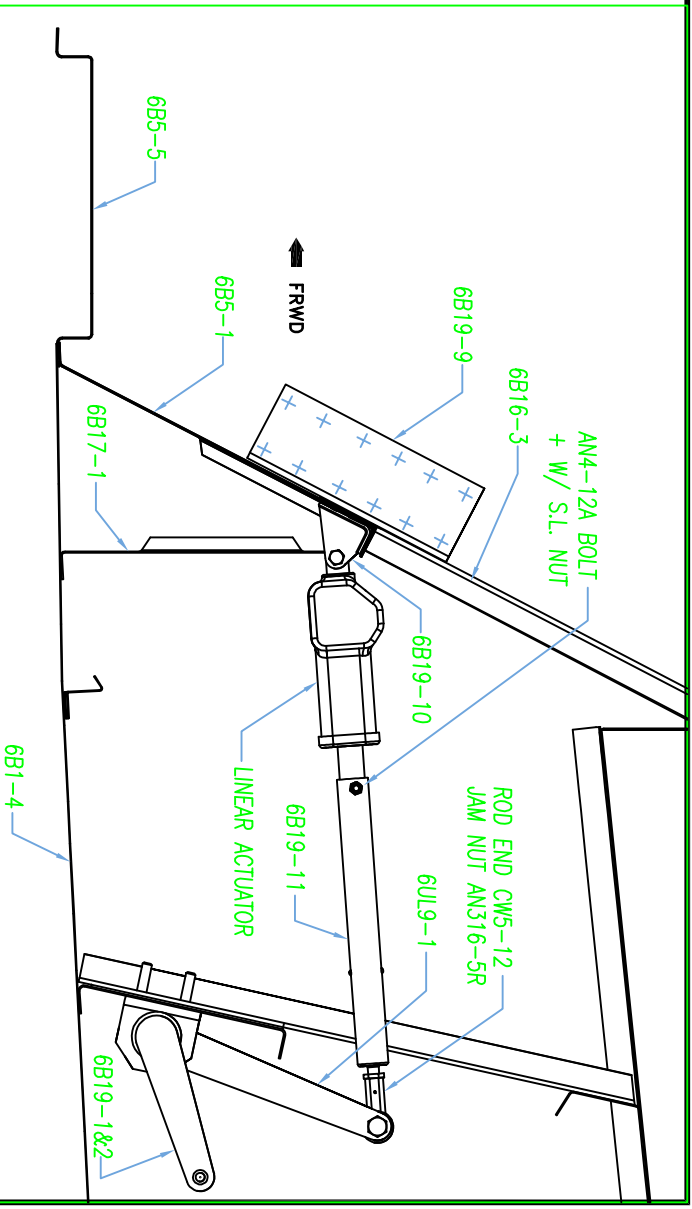
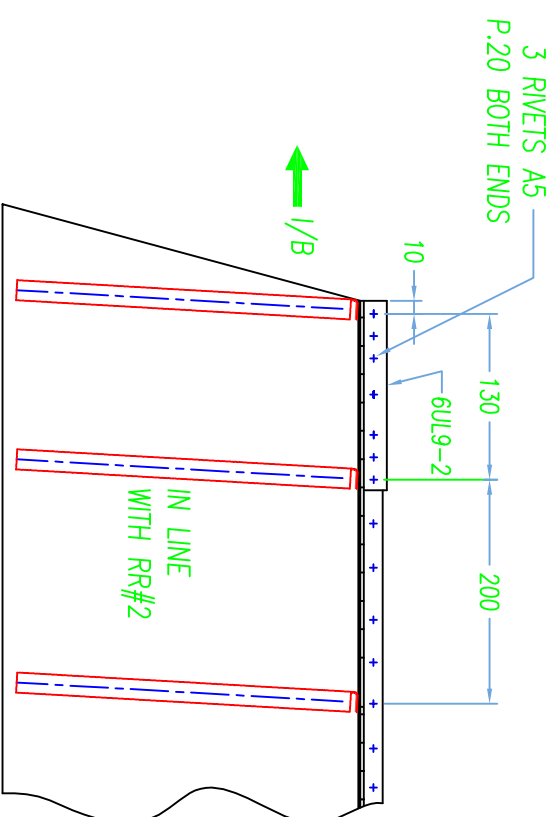
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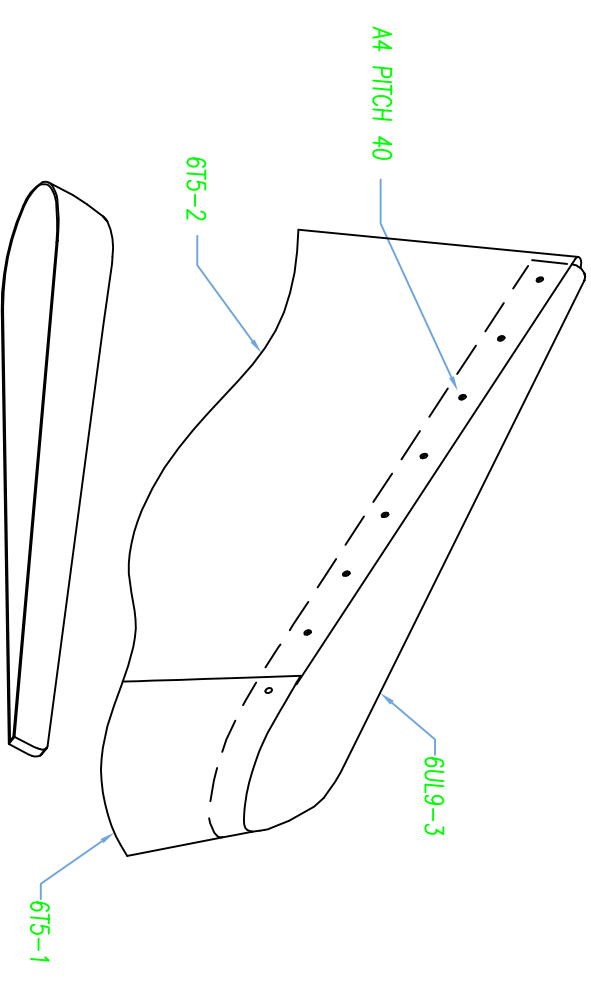
EXTRUDED PLANO HINGE

t=.040" (2 REQ'D)

P/N: MS20257-P5



LINEAR ACTUATOR (ELECTRIC FLAPS)
P/N: DE12-17W41-MOTFS 12V 500N 75 mm STROKE
WIRING DIAGRAM ON DRAWING 6-B-20



3  FIBERGLASS RUDDER TIP
FIBERGLASS (1 REQ'D)

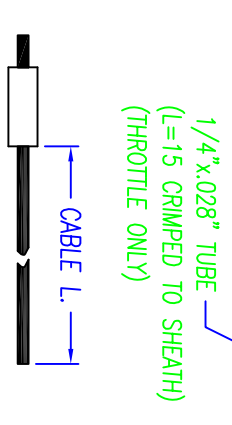
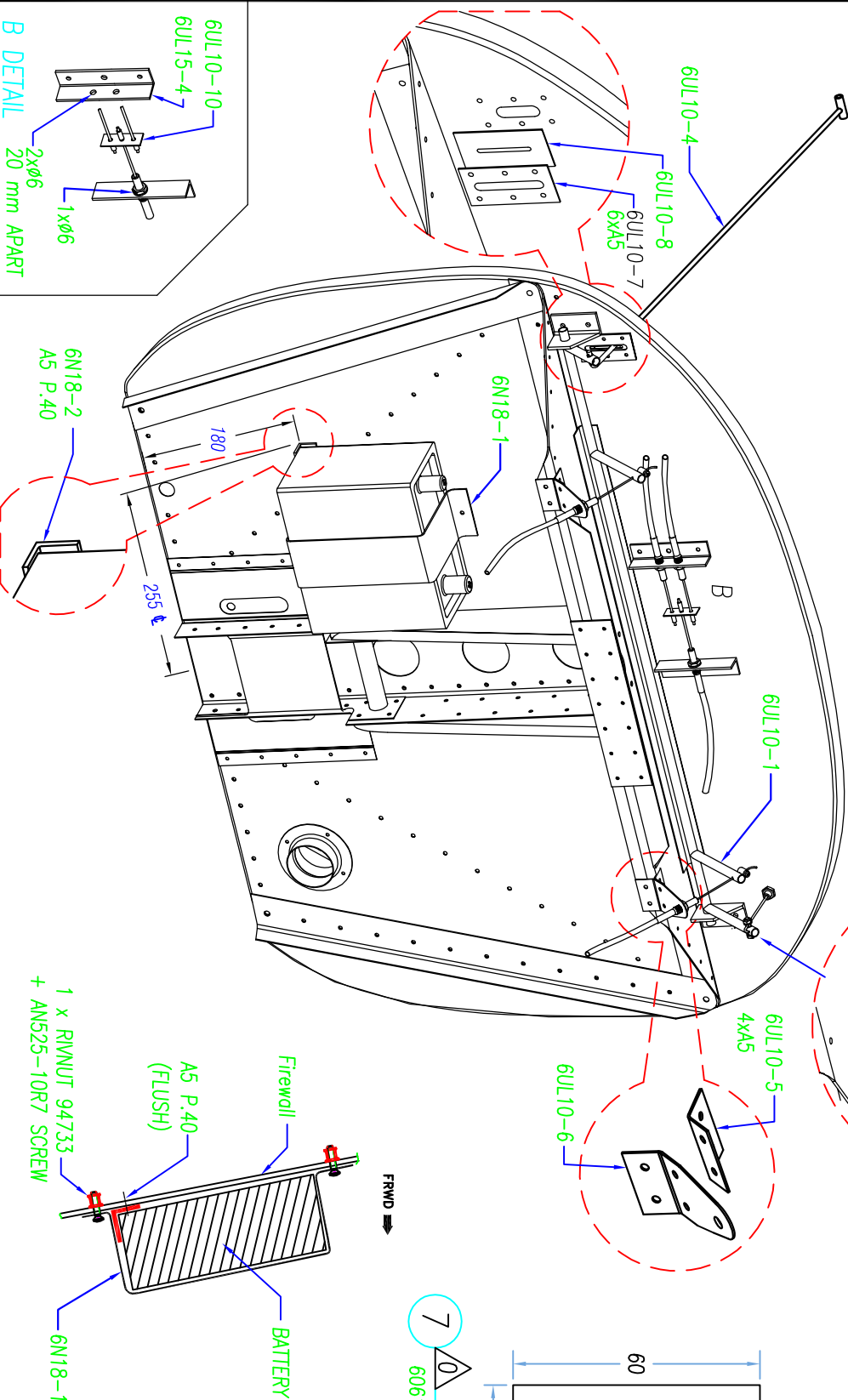
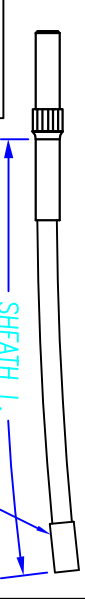
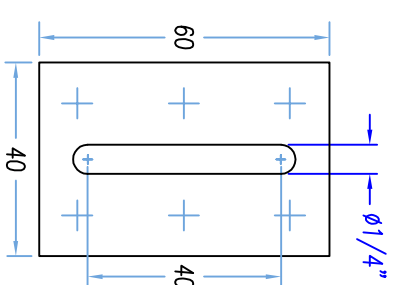
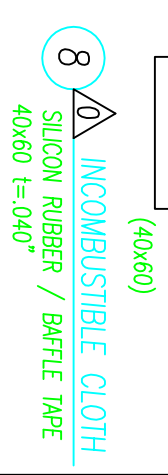
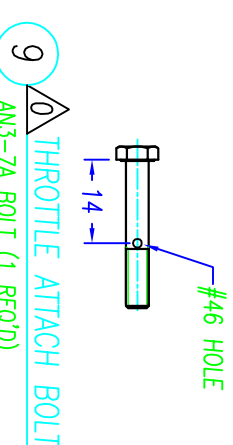
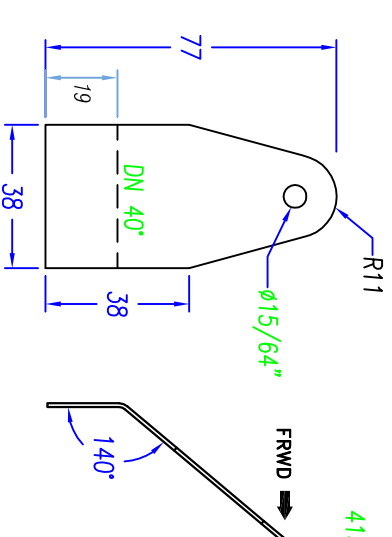
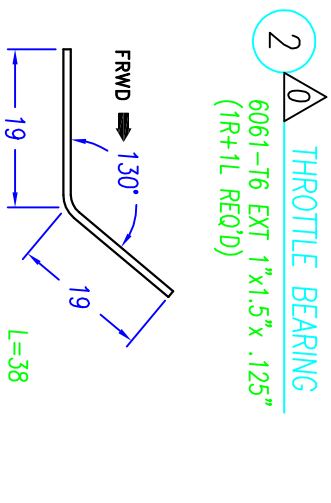
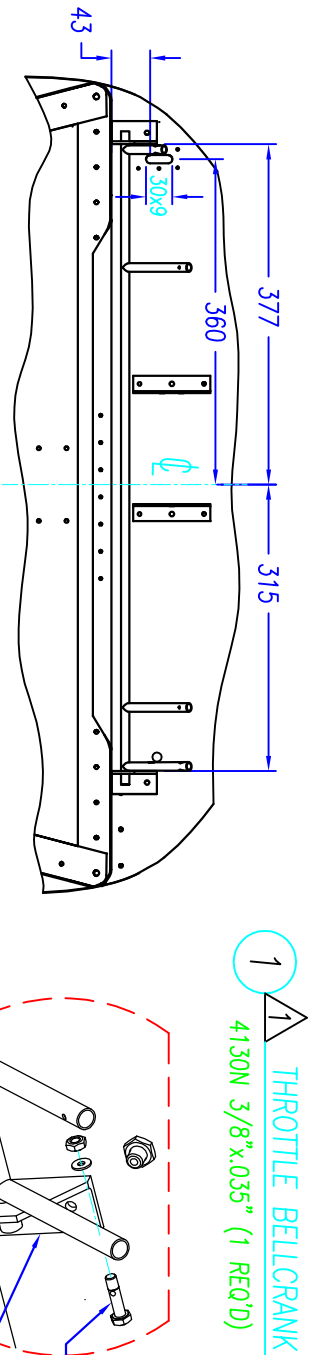
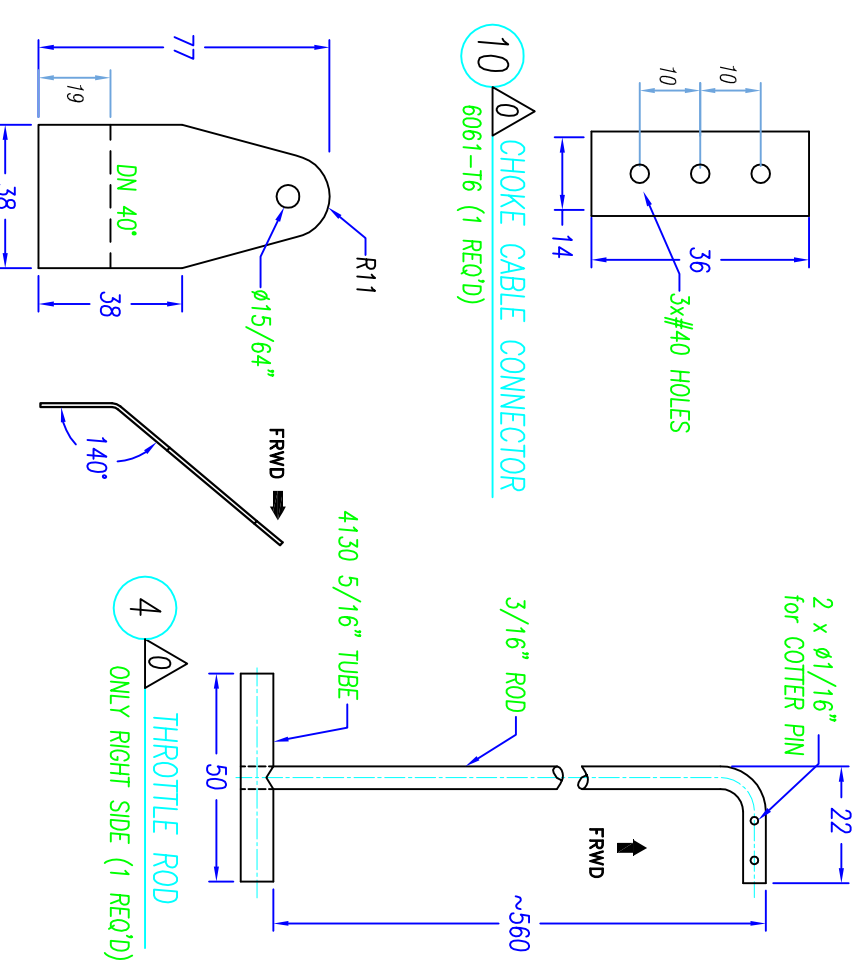
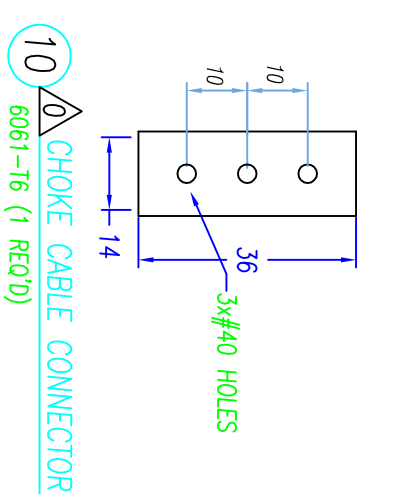
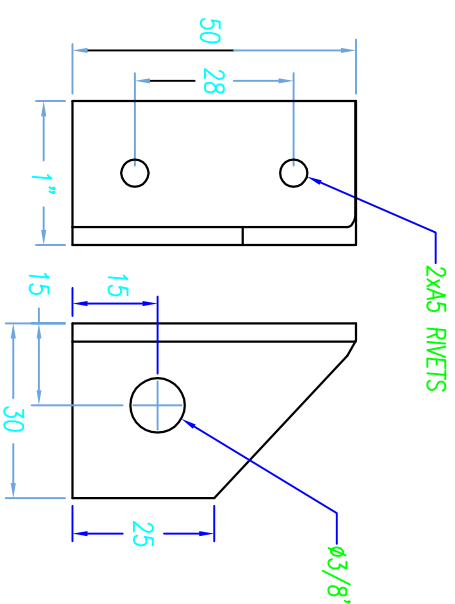
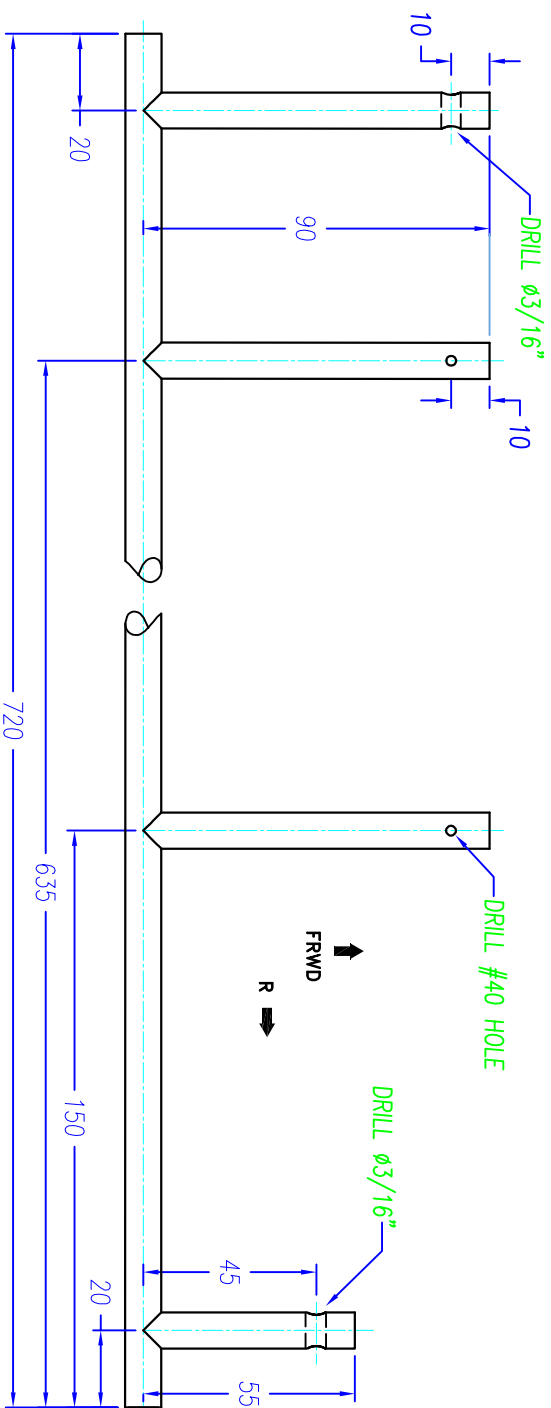


Diagram illustrating the weight calculation for three cables: THROTTLE, PILOT, and CO-PILOT. Each cable consists of a SHEATH and a CABLE, with a final weight value in a circle.

Cable	Component	Weight	Total Weight (Circle)
THROTTLE	SHEATH	210	11
	CABLE	460	
PILOT	SHEATH	720	13
	CABLE	950	
CO-PILOT	SHEATH	410	15
	CABLE	630	

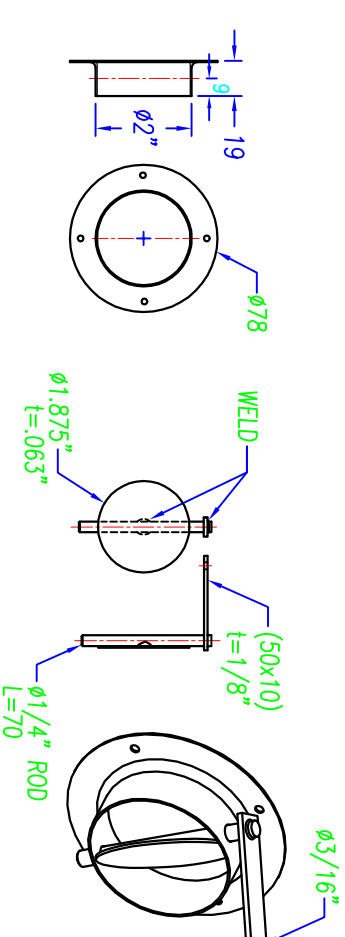
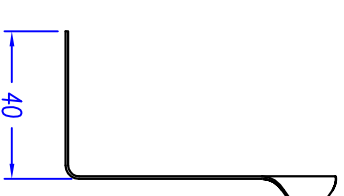
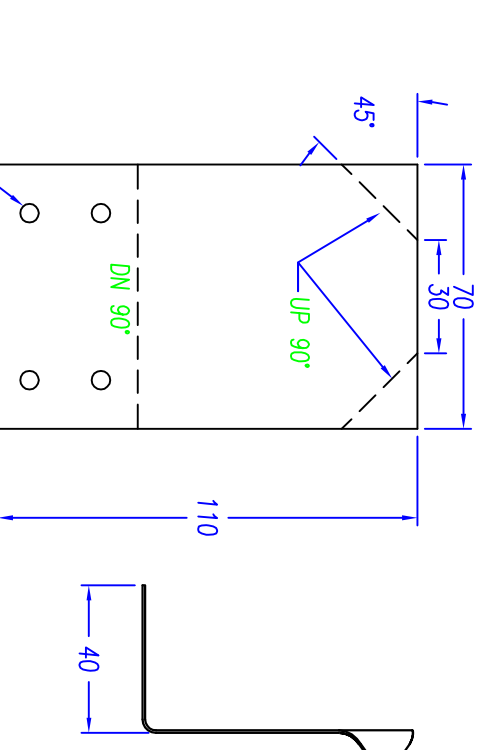
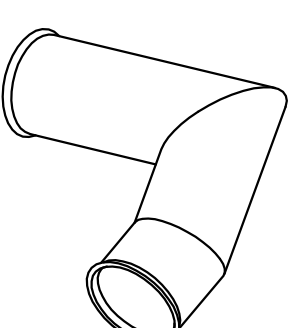
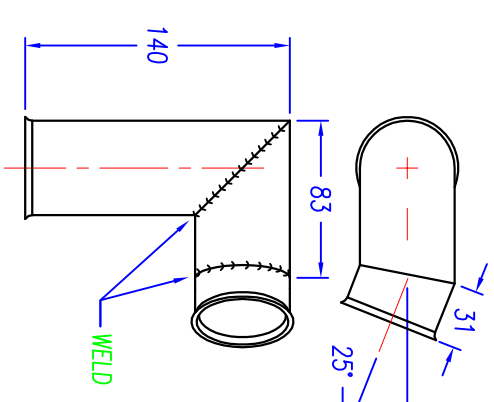
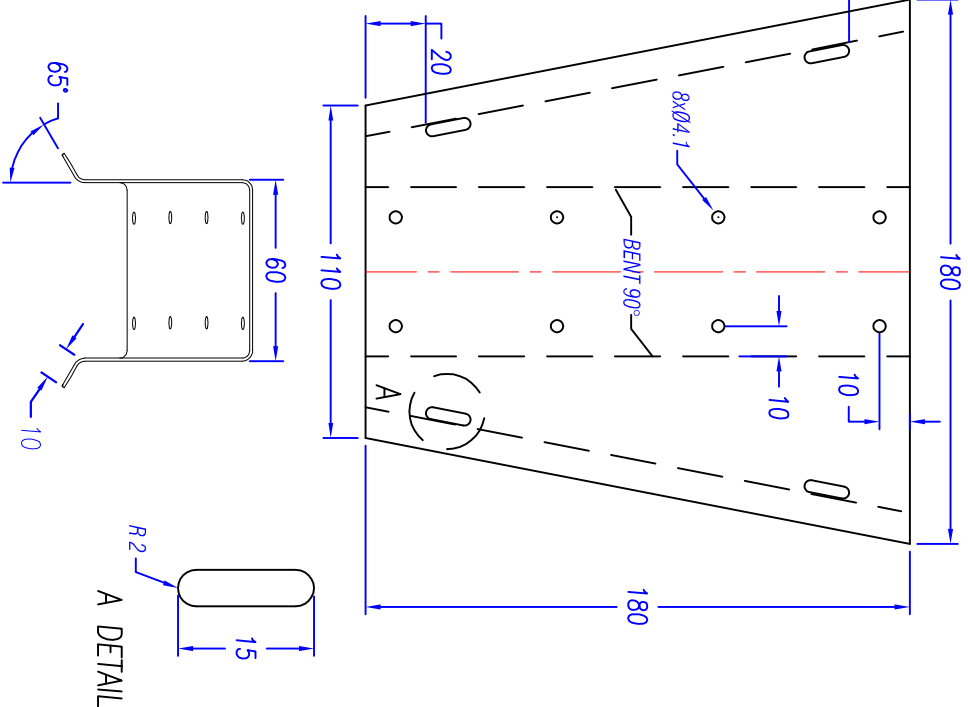
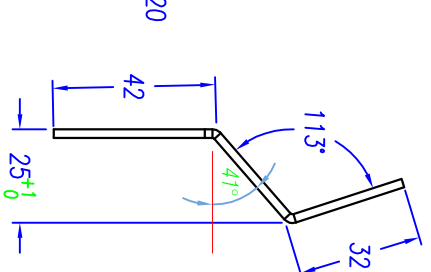
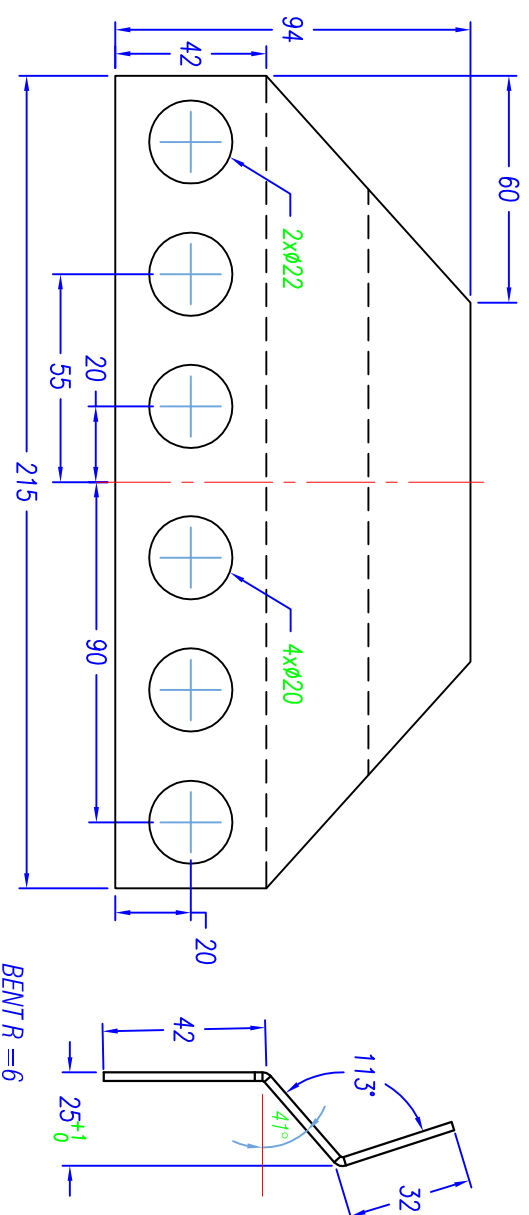
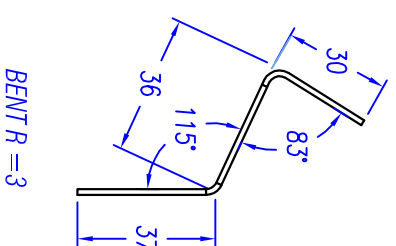
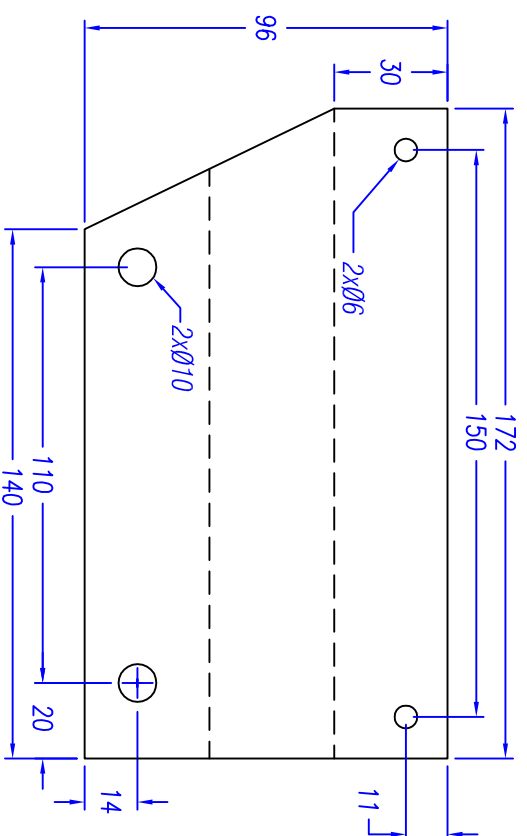
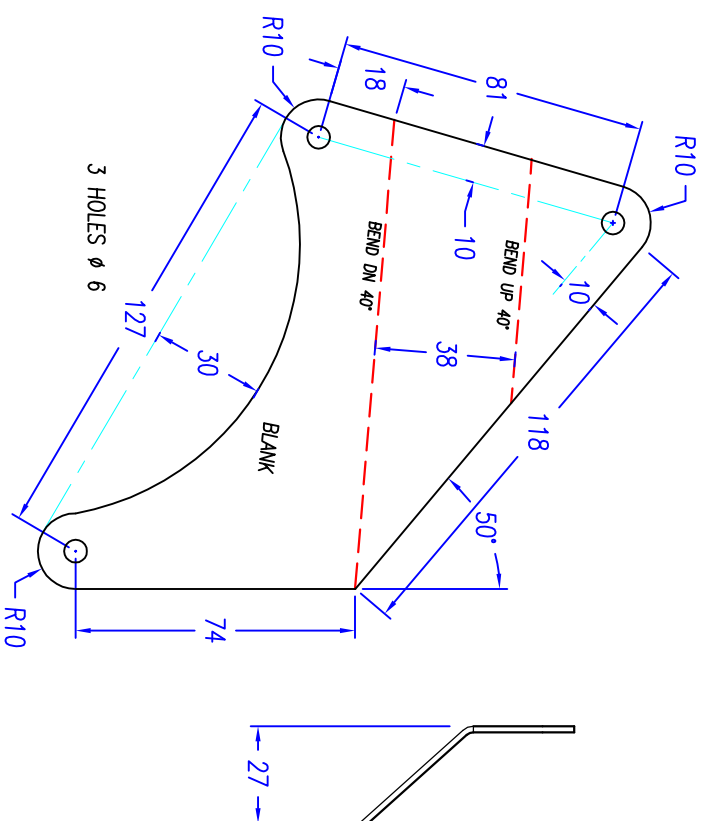
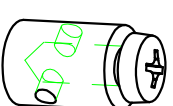
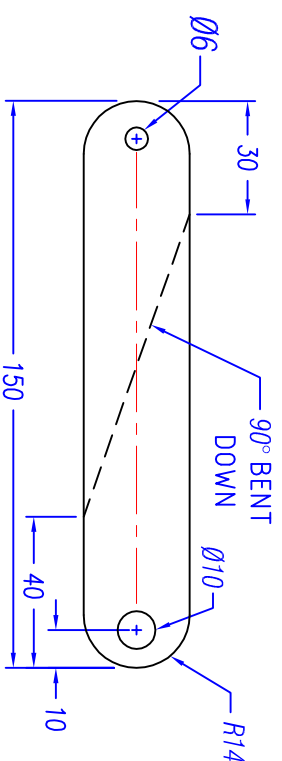
TABLE FOR SHEATH AND CABLE LENGTH

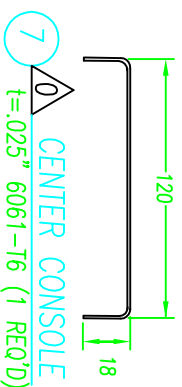
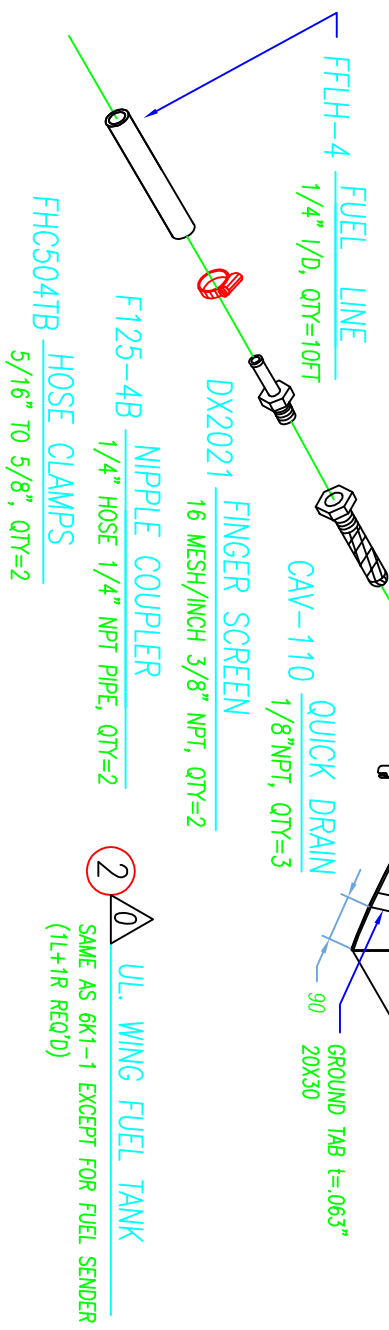
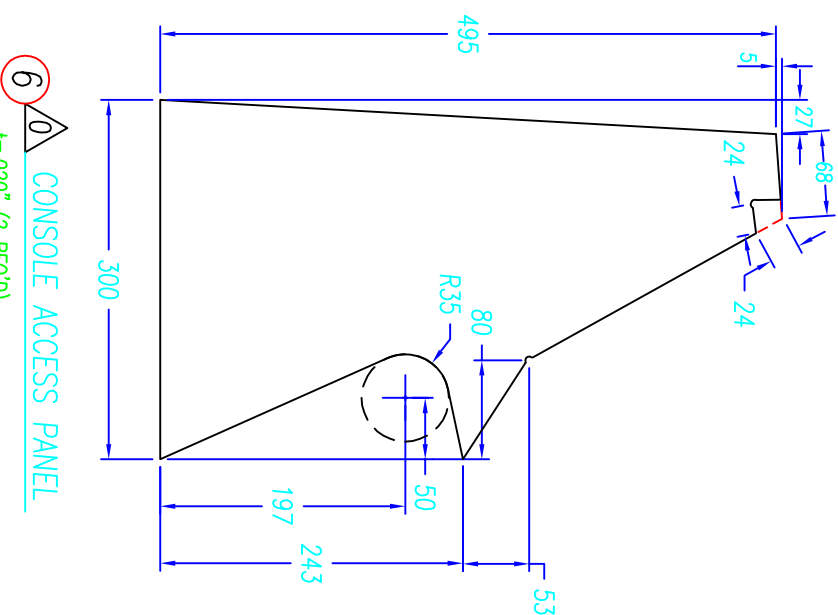
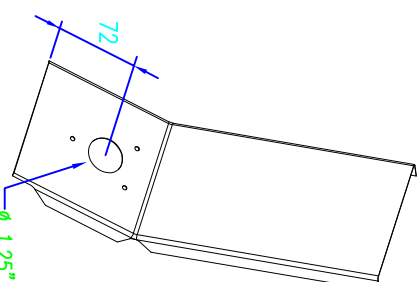
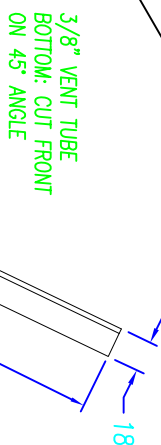
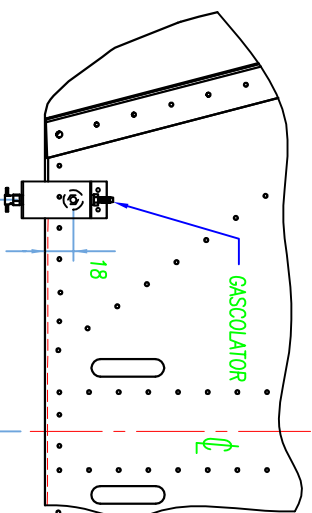
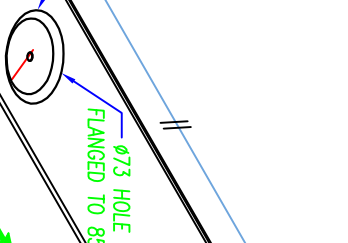
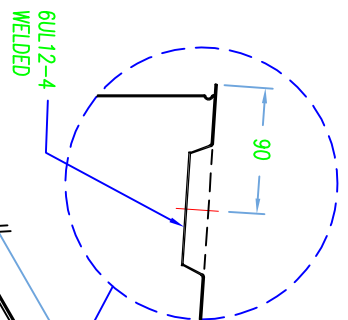
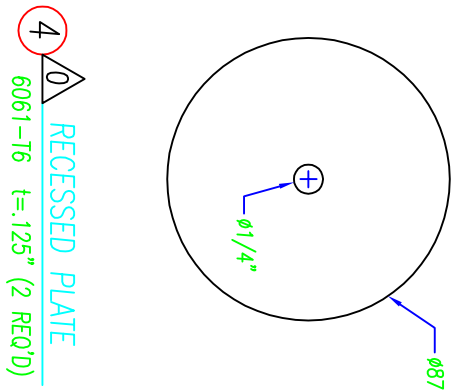
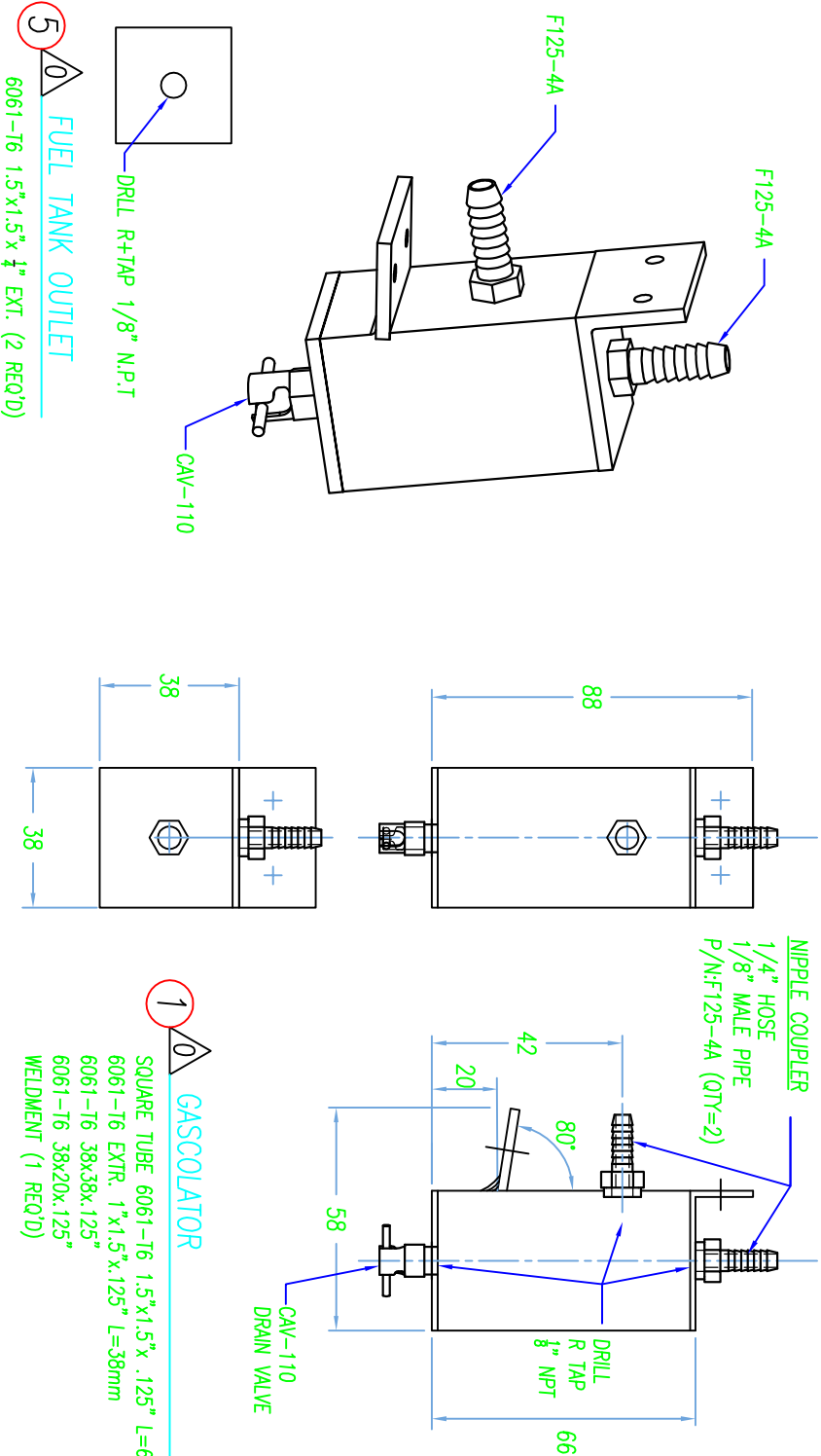
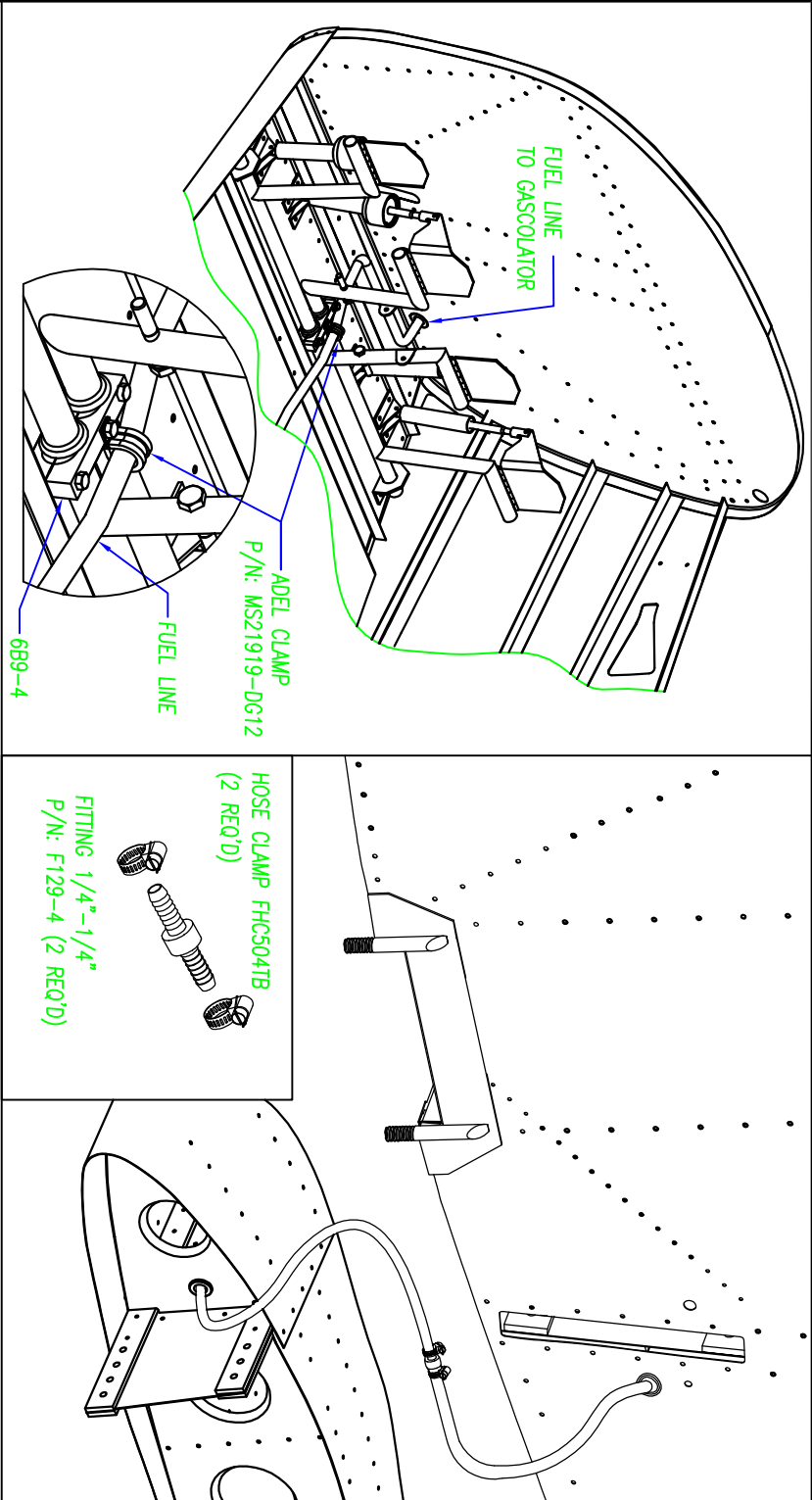
ZODIAC
601 XL-ULM

DUAL THROTTLE /CHOKE

6-UL-10

REV.
02/2008



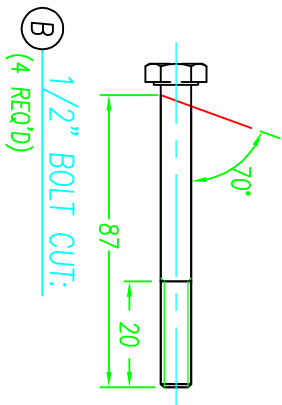
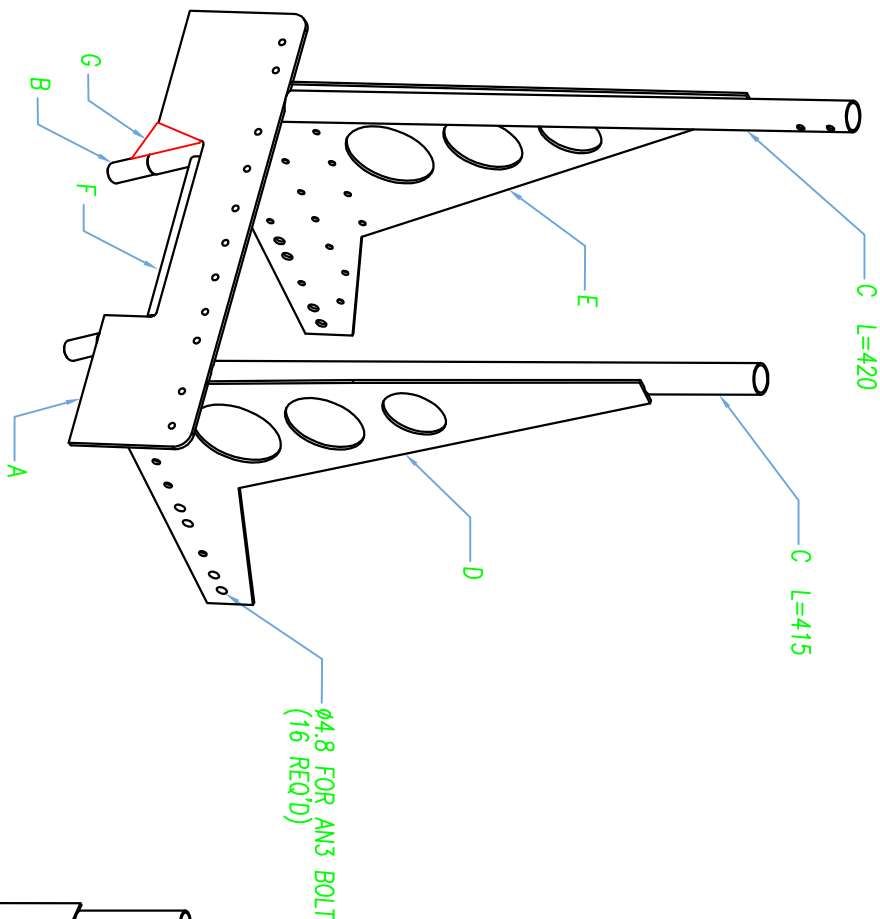


ZODIAC
601 XL-ULM

FULE TANK FLANGE
& GASCOLATOR

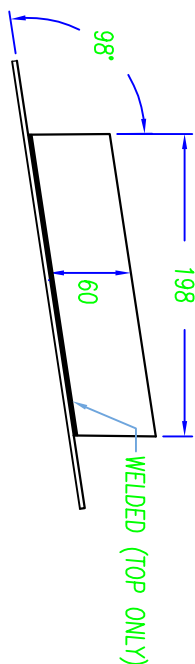
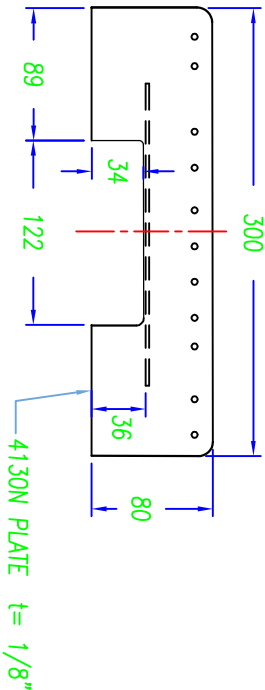
6-UL-12

REV.
10/2007

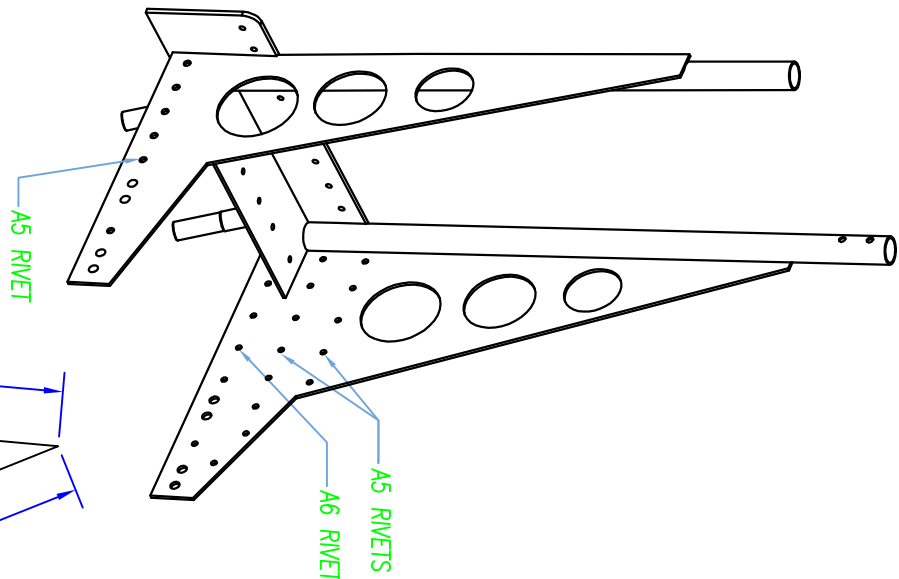


(C) 4130N TUBE
3/4" x .035" (4 REQ')

(F) 4130 TUBE
1/2" x .035" L=112 (2 REQ')

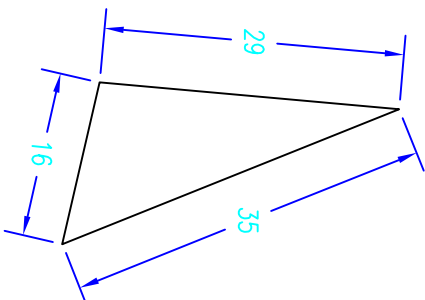
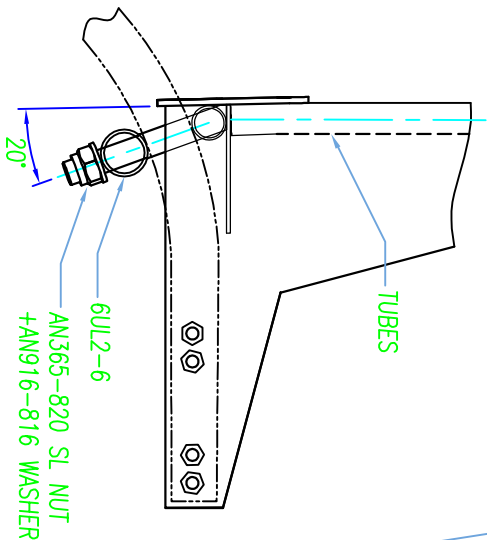
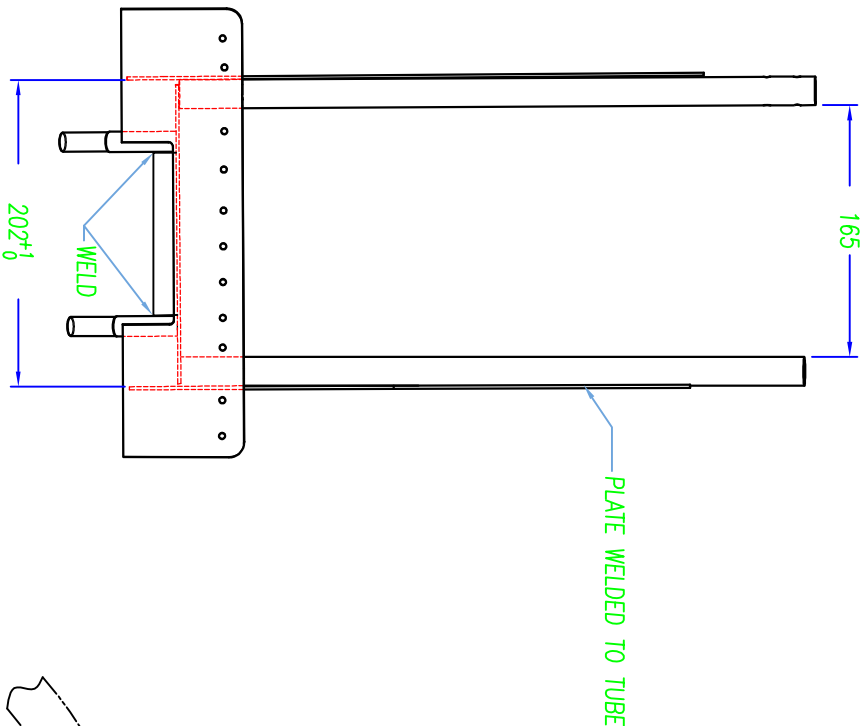


(A) MAIN PLATE
(1L+1R REQ'D)

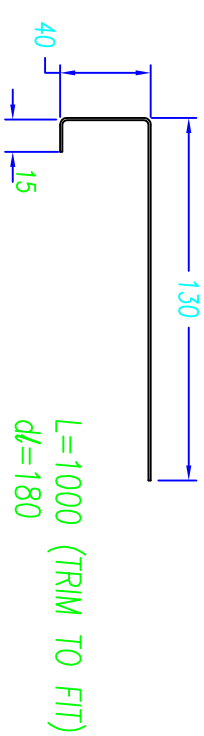
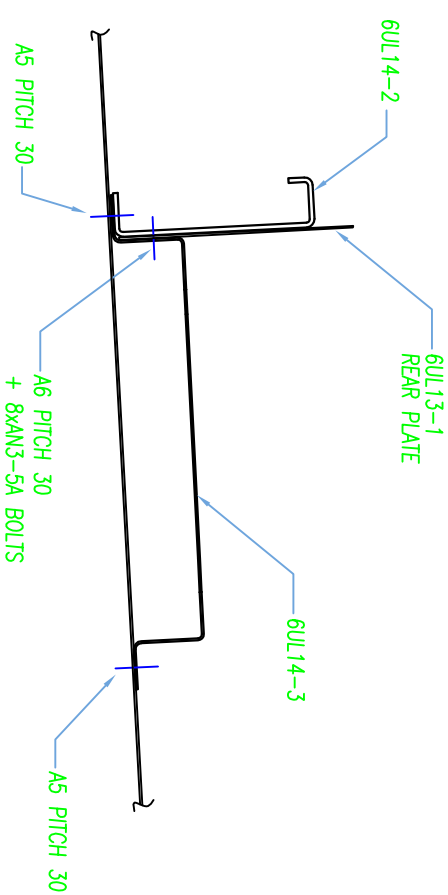
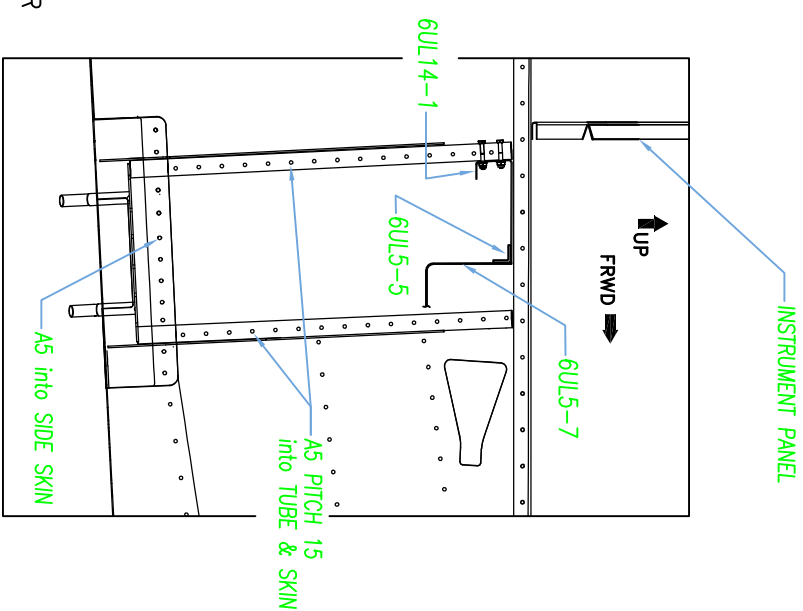
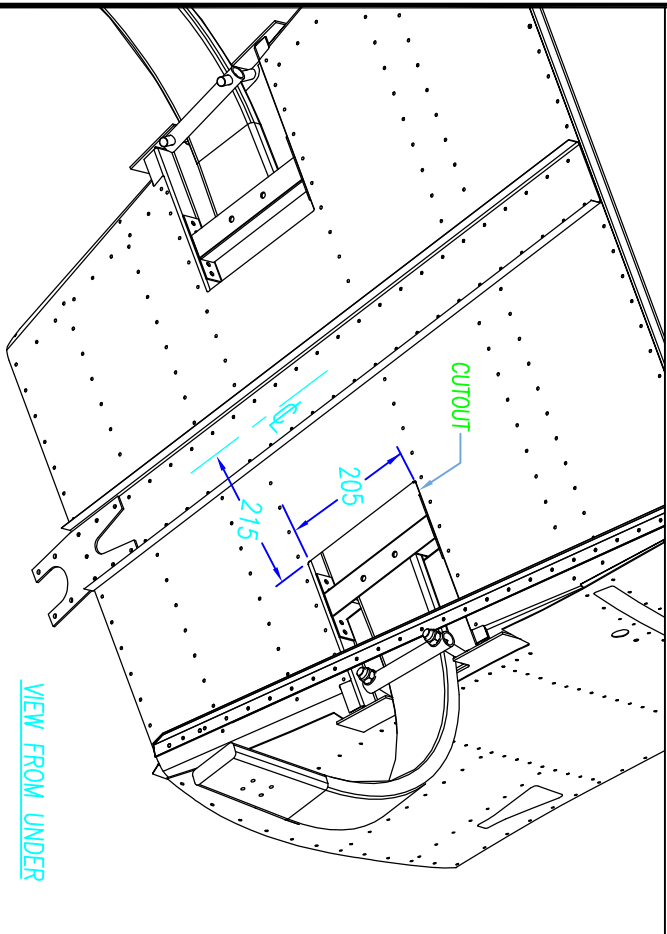
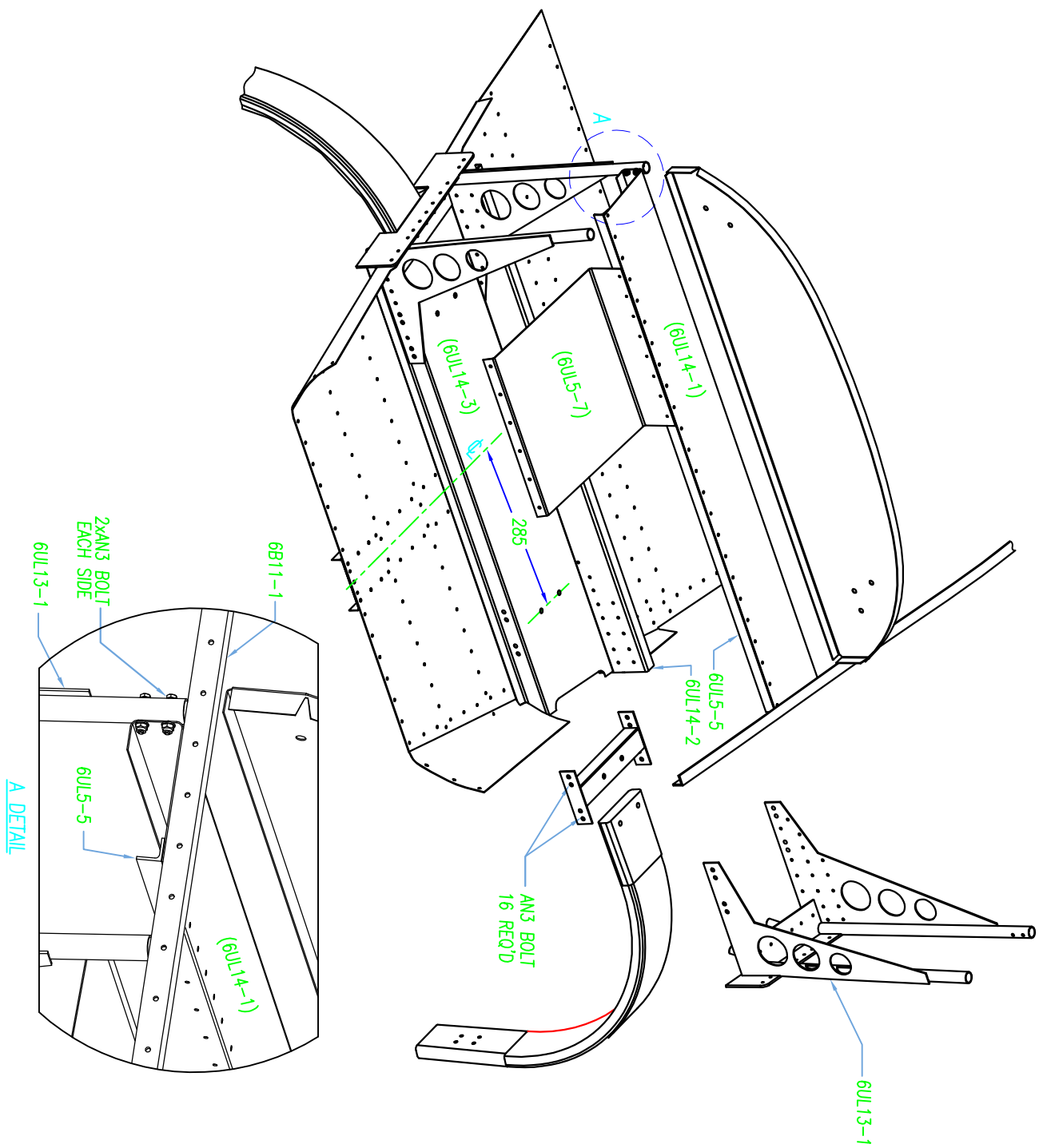


(E) REAR PLATE
4130N t=.080" (2 REQ'D)

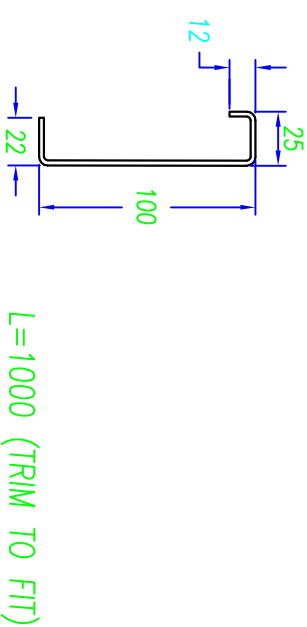
(D) FRONT PLATE
4130N t=.080" (2 REQ'D)



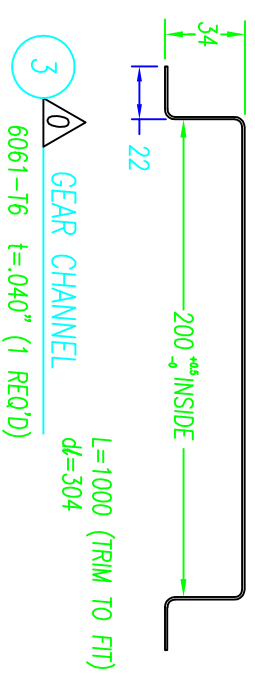
(1) MAIN GEAR ATTACHMENT
4130N (1L+1R REQ'D) WELDED ASSEMBLY



1 6061-T6 t=.040" (1 REQ'D)



2 6061-T6 t=.090" (1 REQ'D)



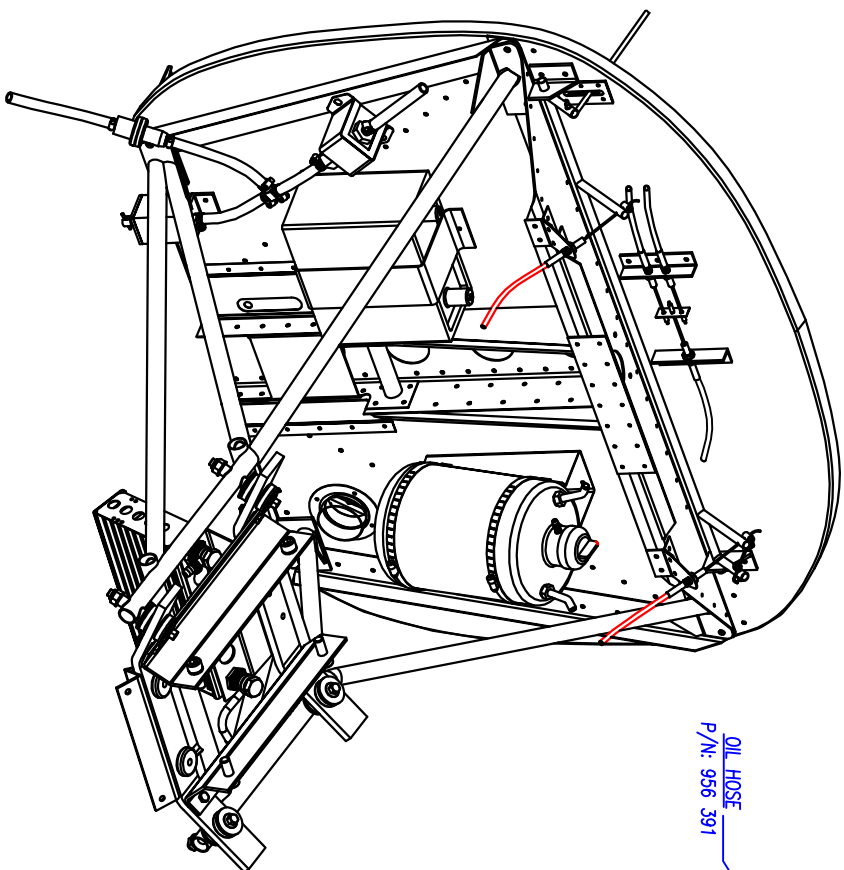
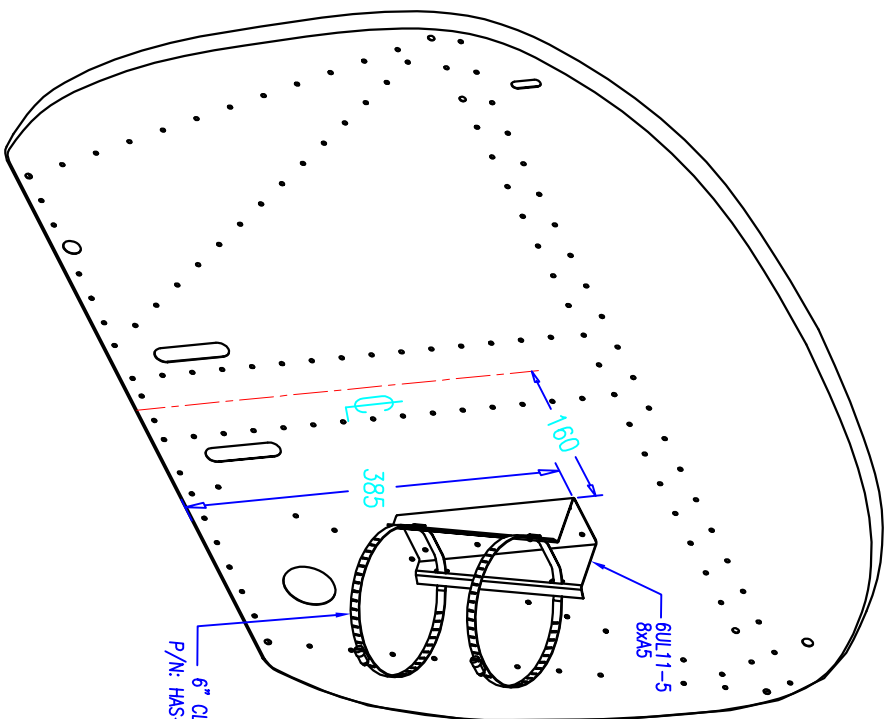
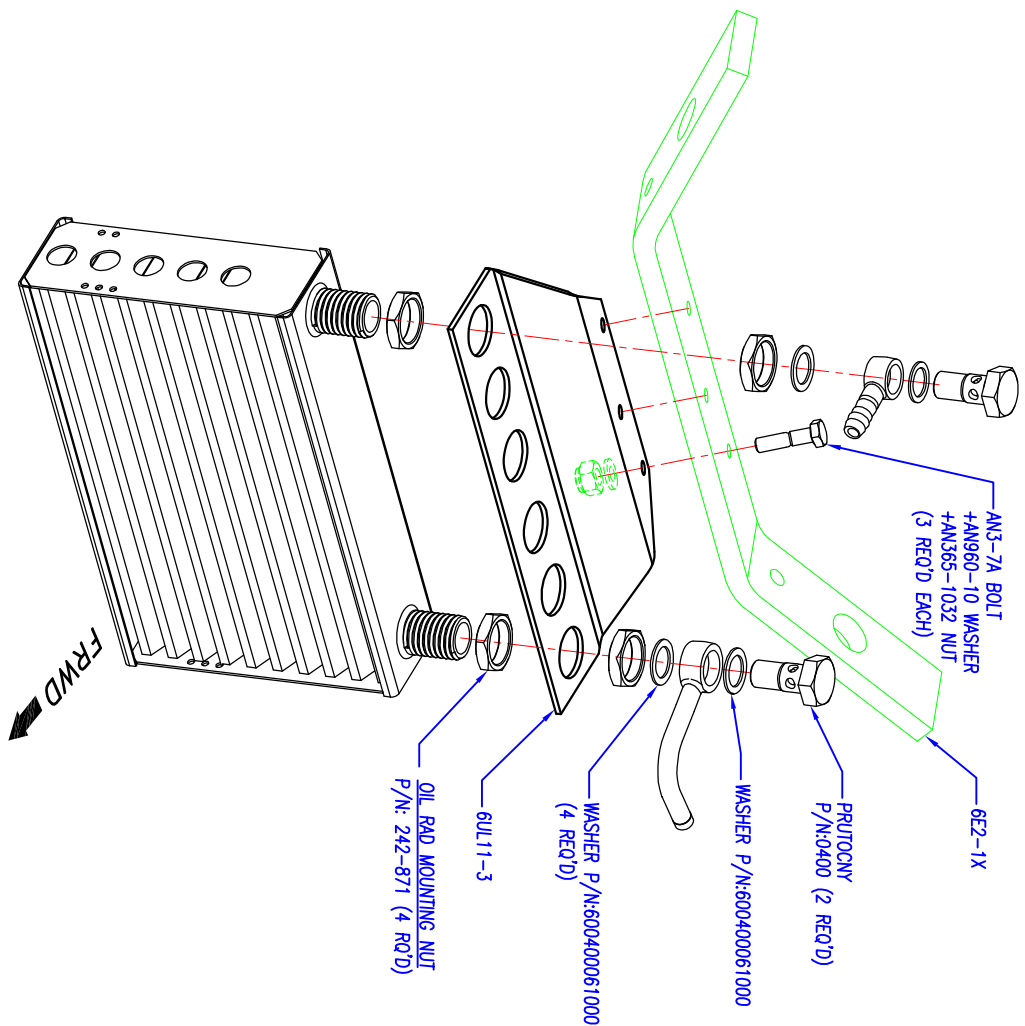
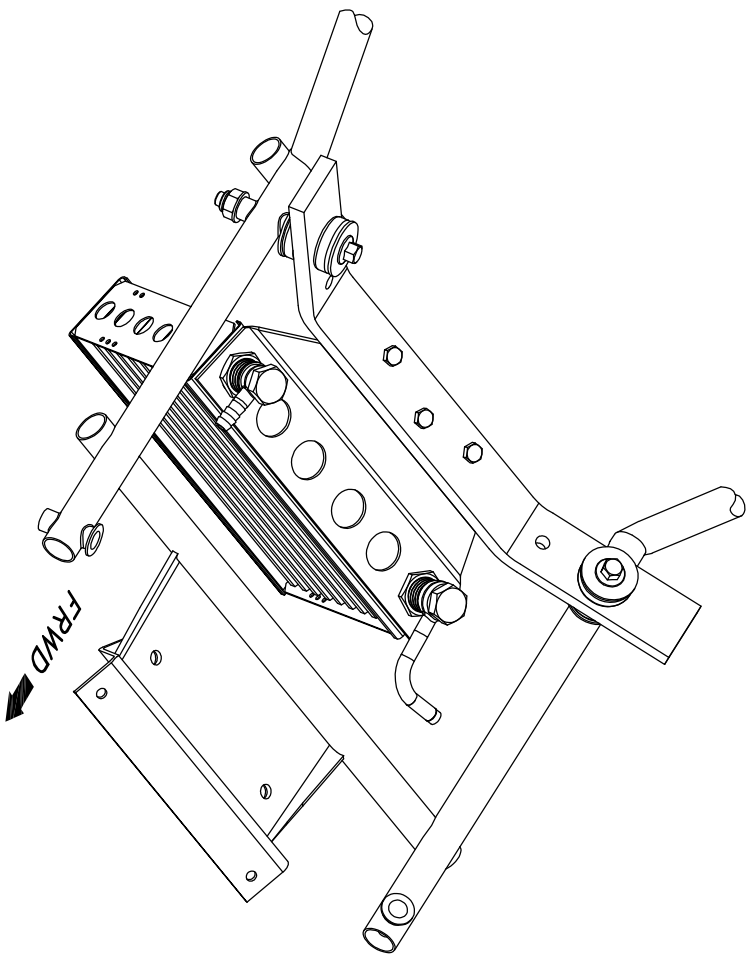
3 6061-T6 t=.040" (1 REQ'D)

ZODIAC
601 XL-ULM

OPTIONAL TAIL DRAG

6-UL-14

REV.
09/2007

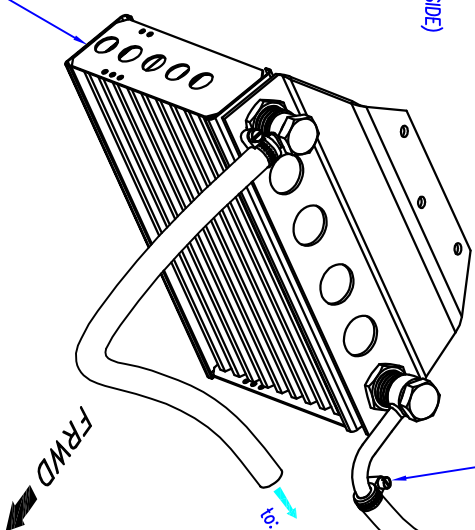


OIL HOSE
P/N: 956 391

OVERFLOW OIL TUBE

from: ENGINE (REAR SIDE)

OIL RADIATOR
P/N: 886 029



OIL LINE CLAMP
P/N: 853 725

to: OIL PUMP

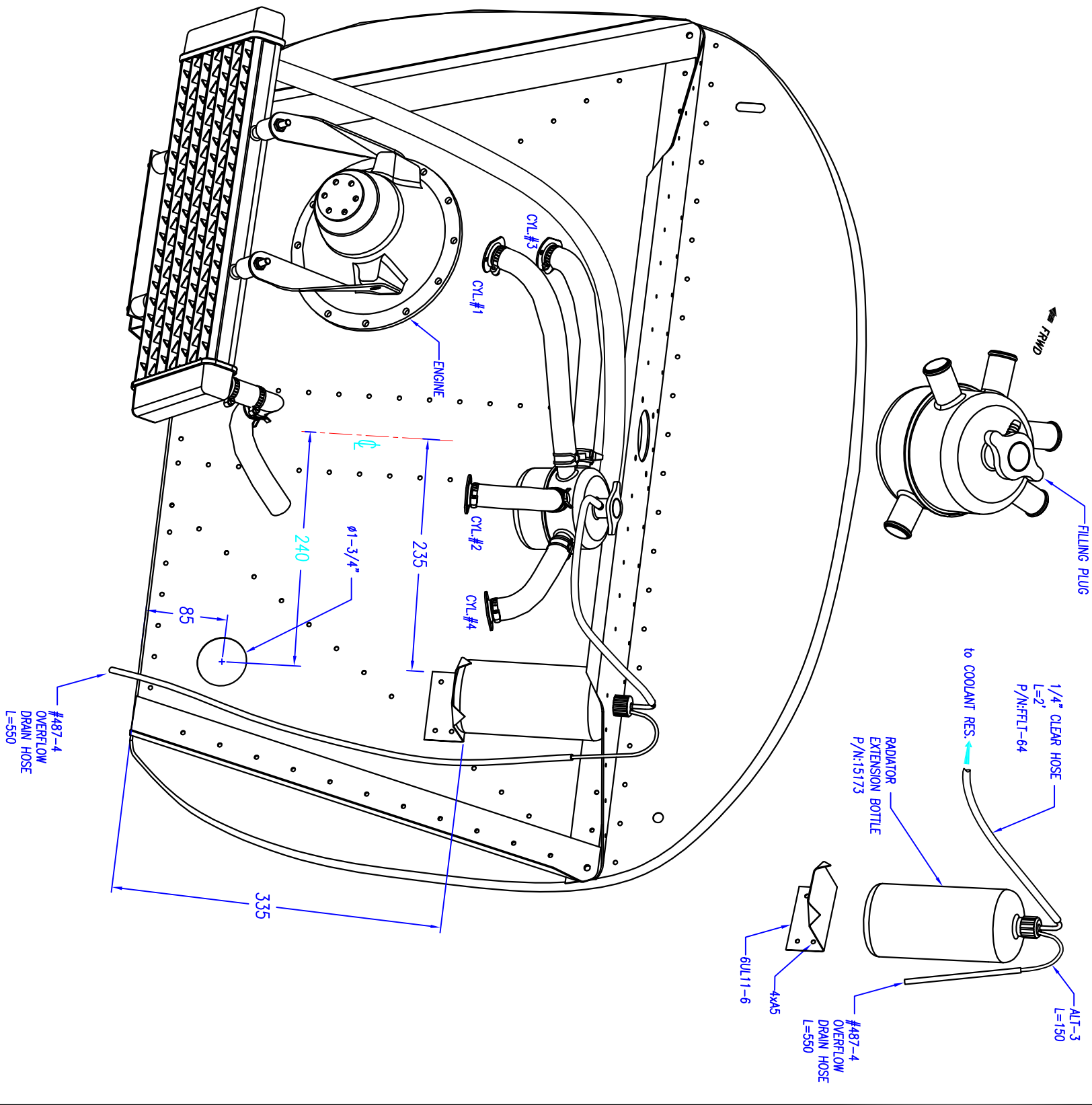
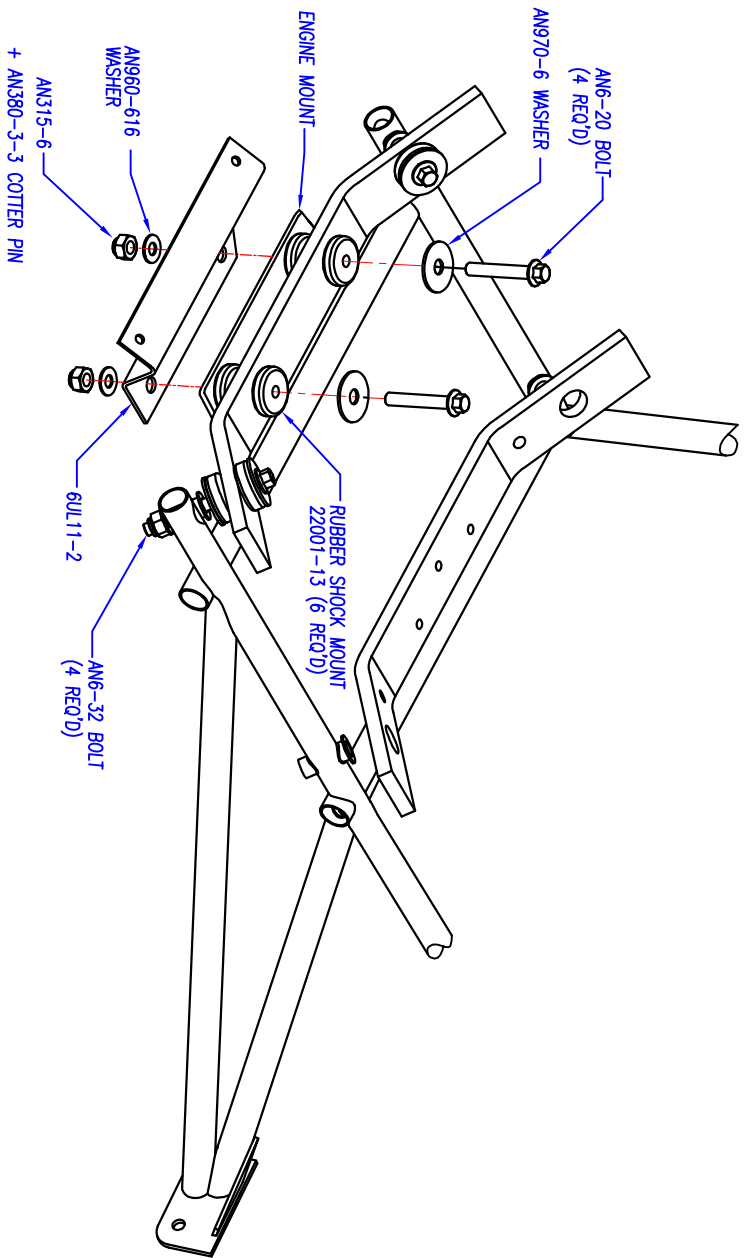
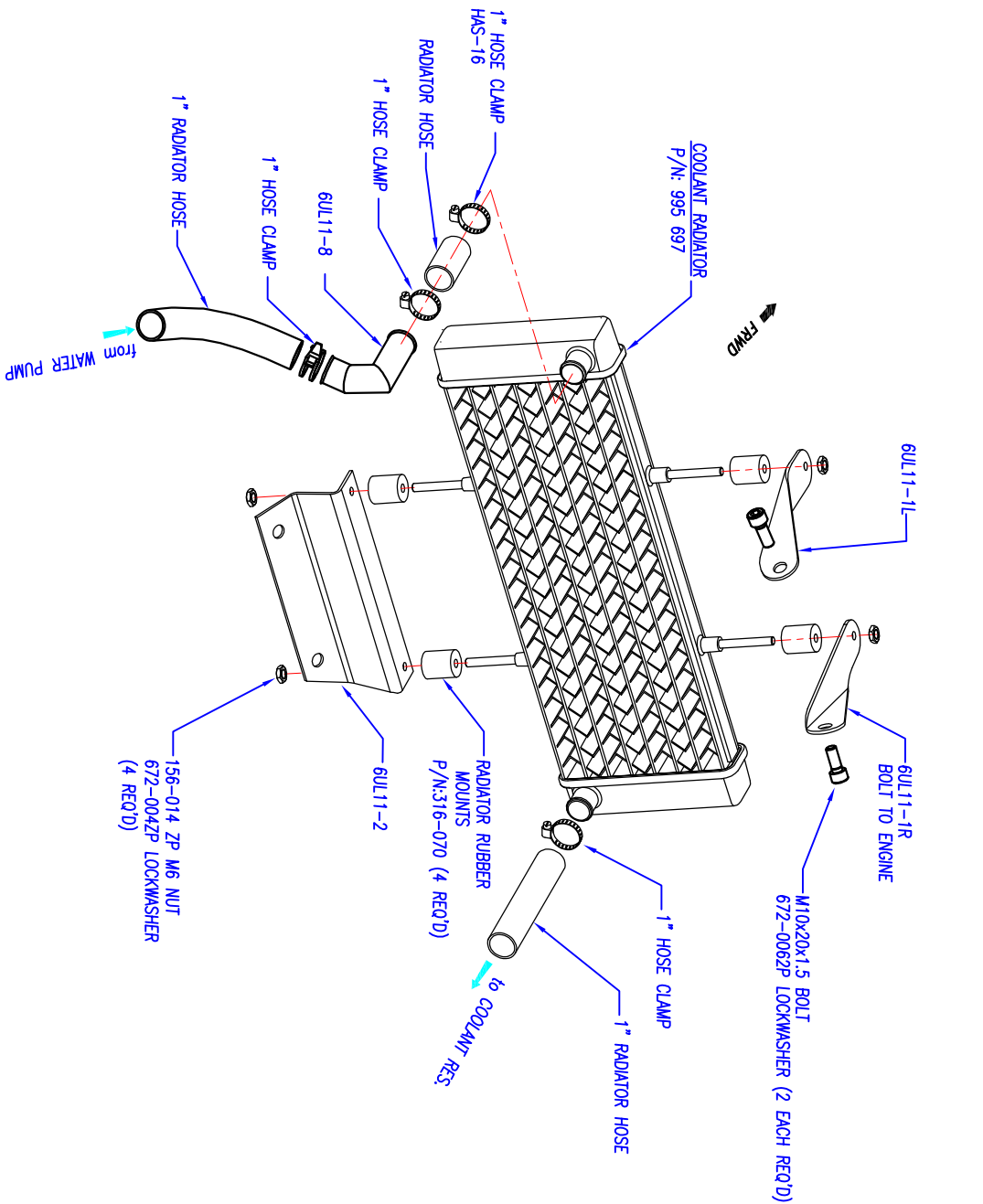
OIL HOSE
P/N: 956 391

ZODIAC
601 XL-ULM

OIL COOLER SYSTEM
(ROTAX 912)

6-UL-20

REV.
11/2007

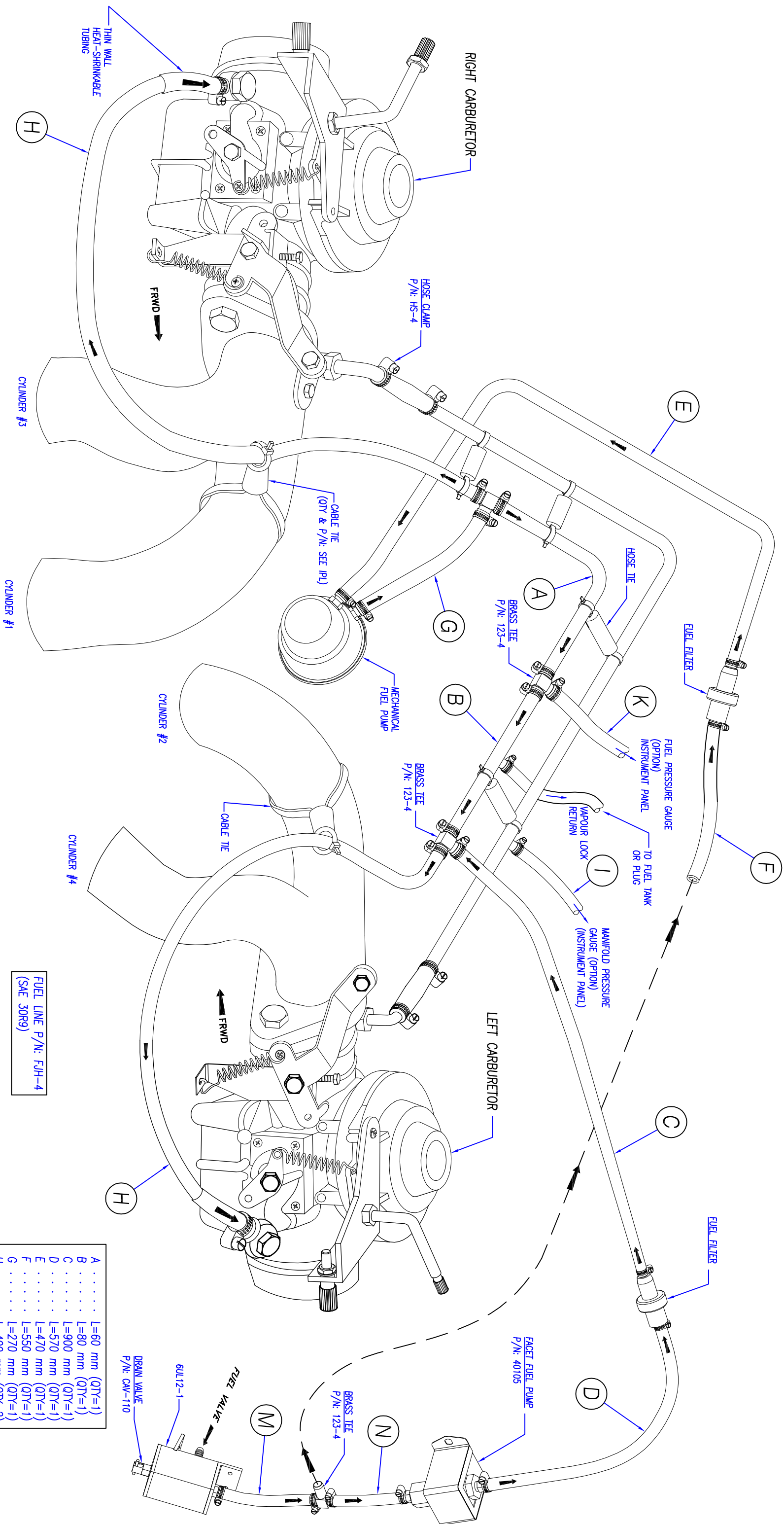


ZODIAC
601 XL-ULM

COOLANT SYSTEM
(ROTAX 912)

6-UL-21

REV.
11/2007



NOTE: RUN ALL RUBBER FUEL LINES THROUGH FIRE SLEEVES. FOR VAPOUR LOCK SEE ROTAX MANUAL

FUEL LINE P/N: FJH-4 (SAE 30R9)

A	.....	L=60 mm (QTY=1)
B	.....	L=80 mm (QTY=1)
C	.....	L=900 mm (QTY=1)
D	.....	L=570 mm (QTY=1)
E	.....	L=470 mm (QTY=1)
F	.....	L=550 mm (QTY=1)
G	.....	L=270 mm (QTY=1)
H	.....	L=400 mm (QTY=2)
I	.....	L=1300 mm (QTY=1)
K	.....	L=1300 mm (QTY=1)
M	.....	L=85 mm (QTY=1)
N	.....	L=85 mm (QTY=1)

(I & K -OPTION)

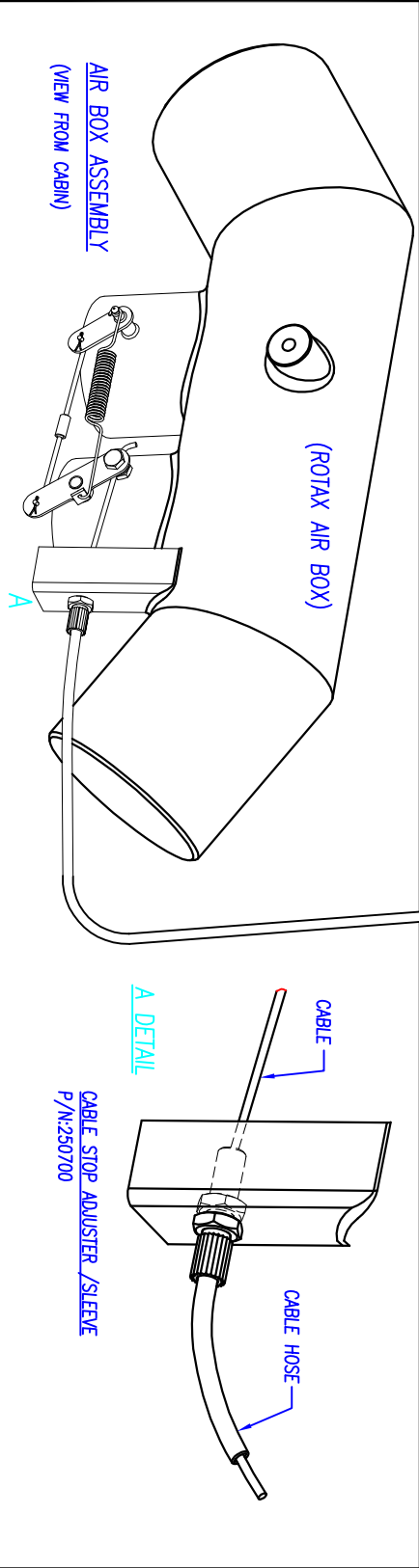
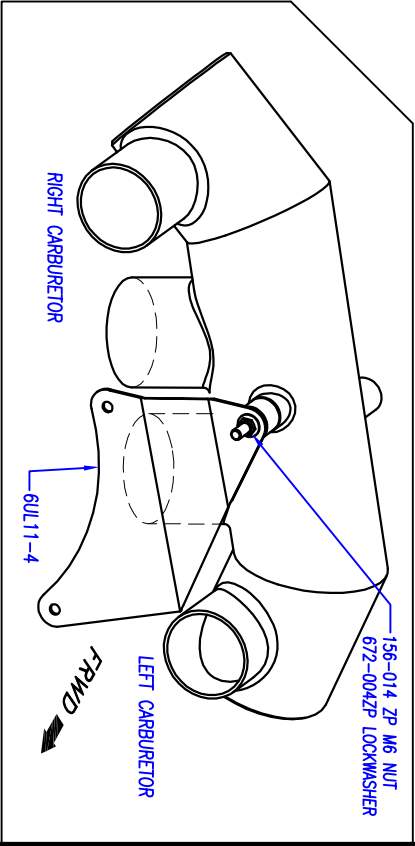
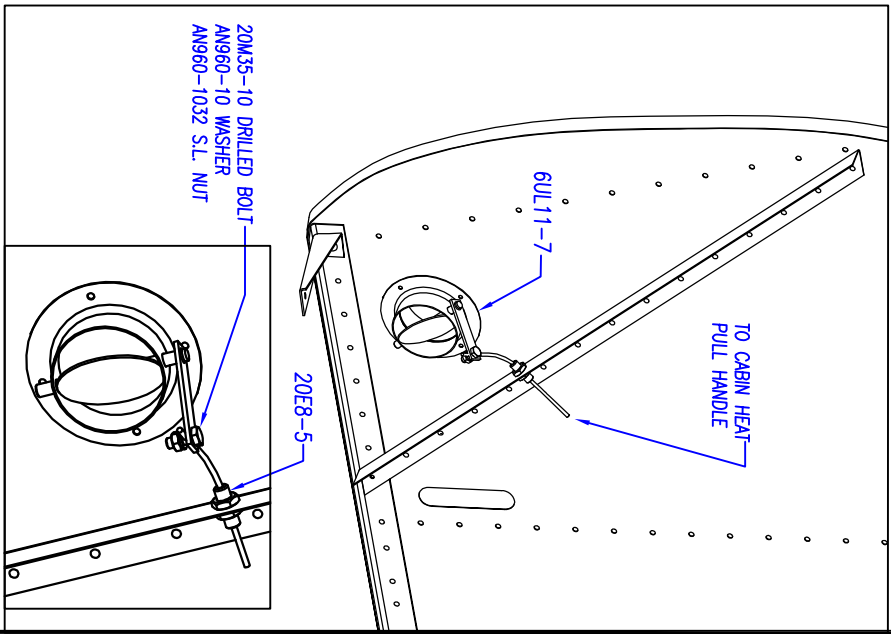
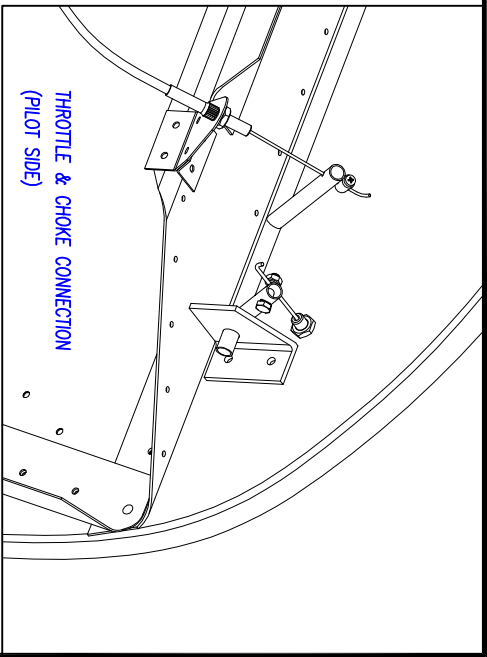
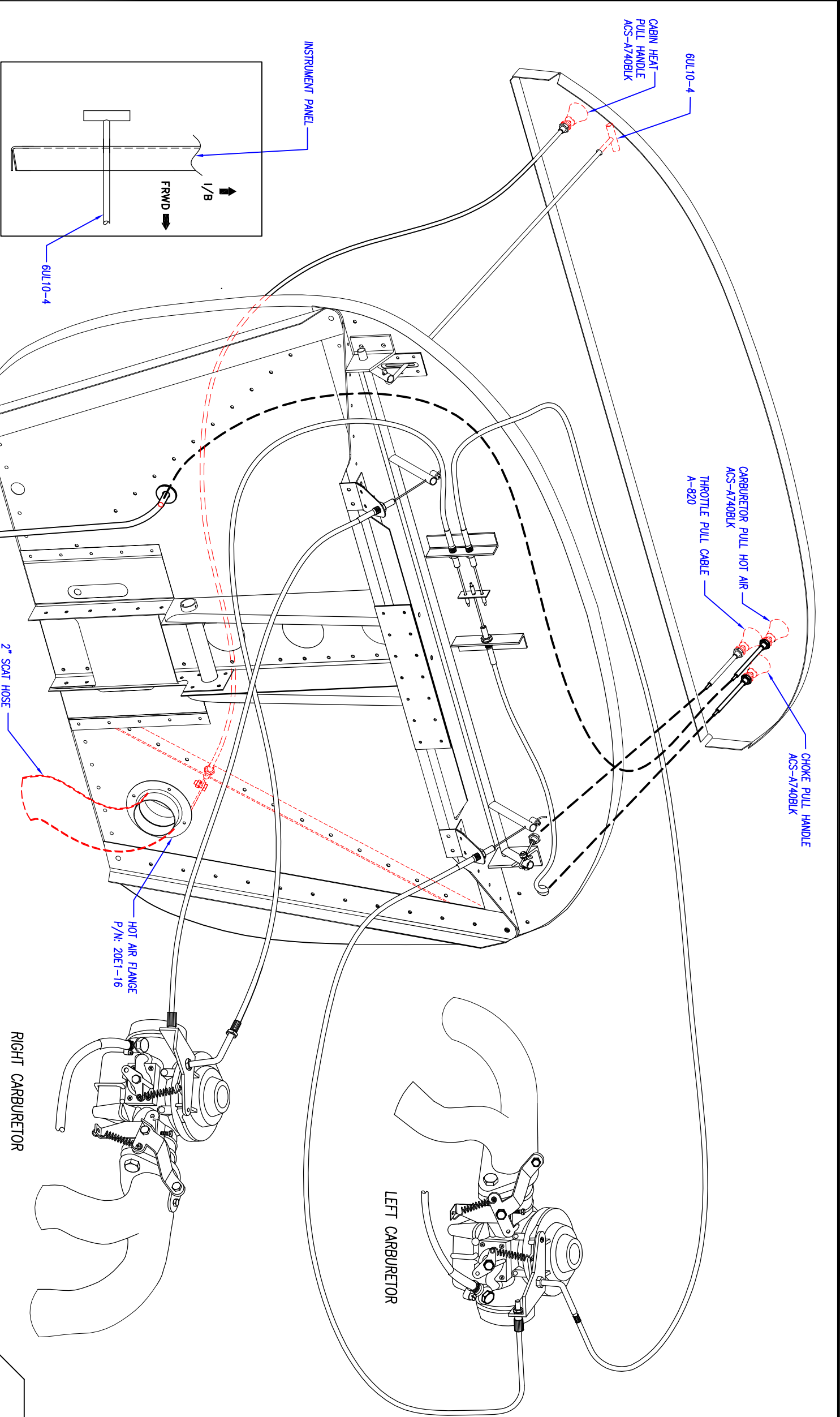
ZODIAC
601 XL-ULM

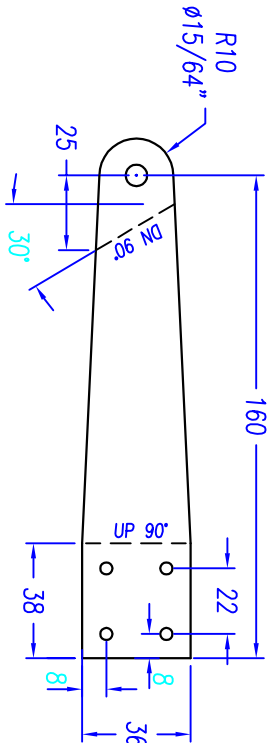
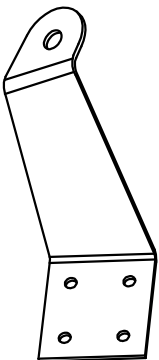
FUEL SYSTEM
(ROTAX 912)

6-UL-22

REV.

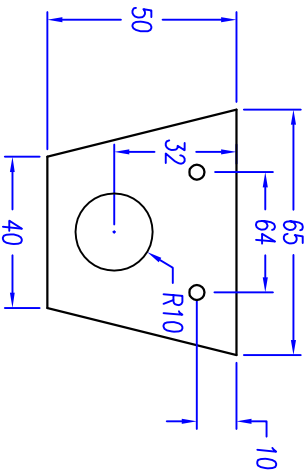
11/2007





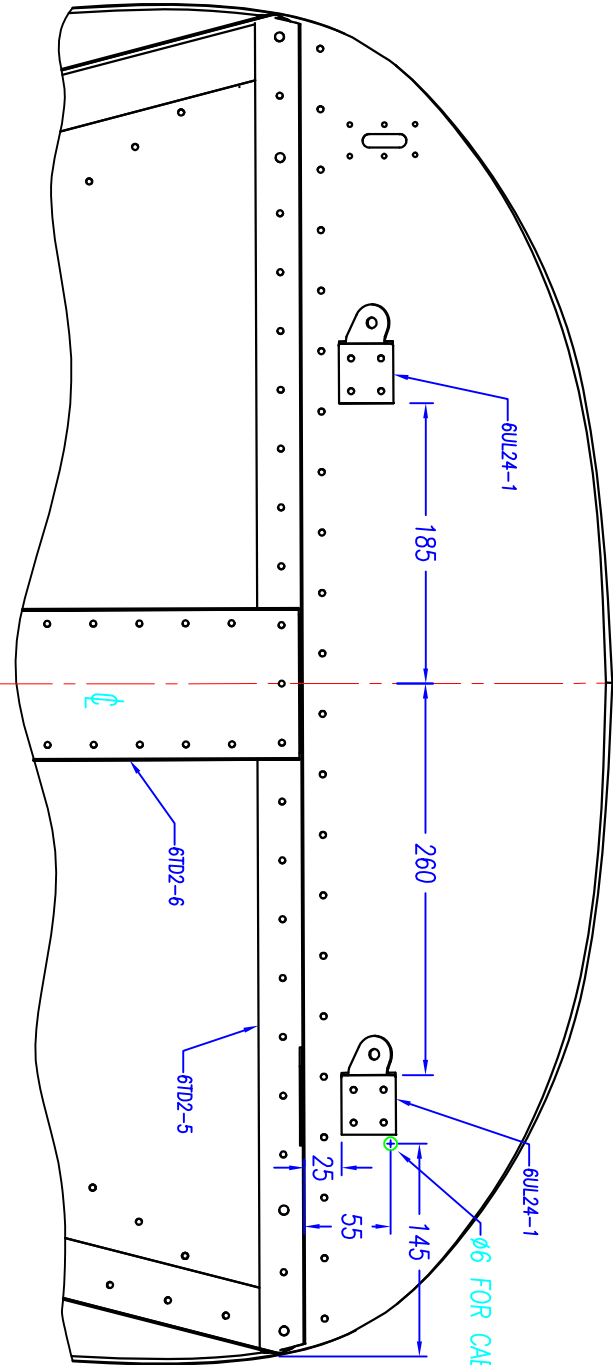
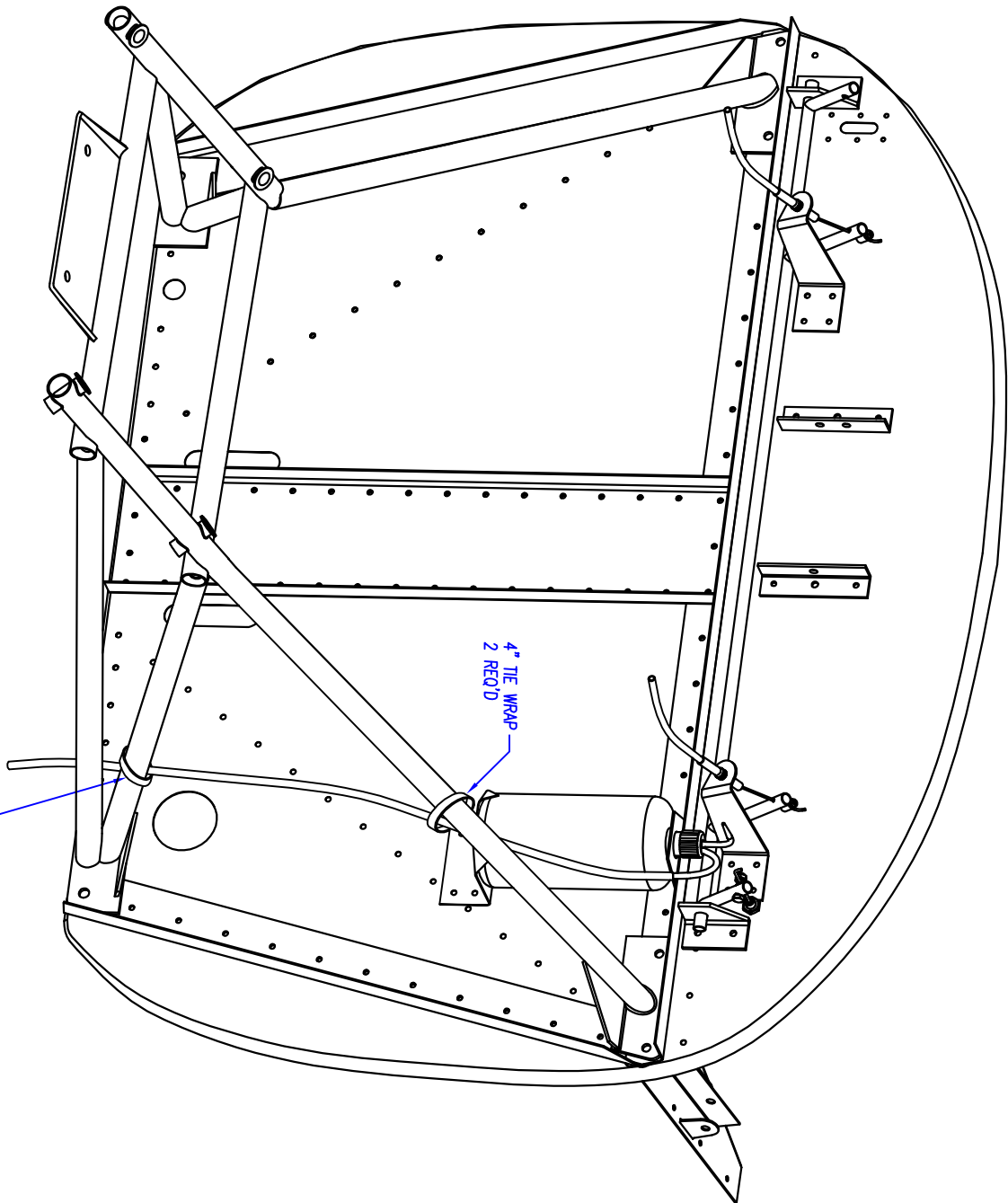
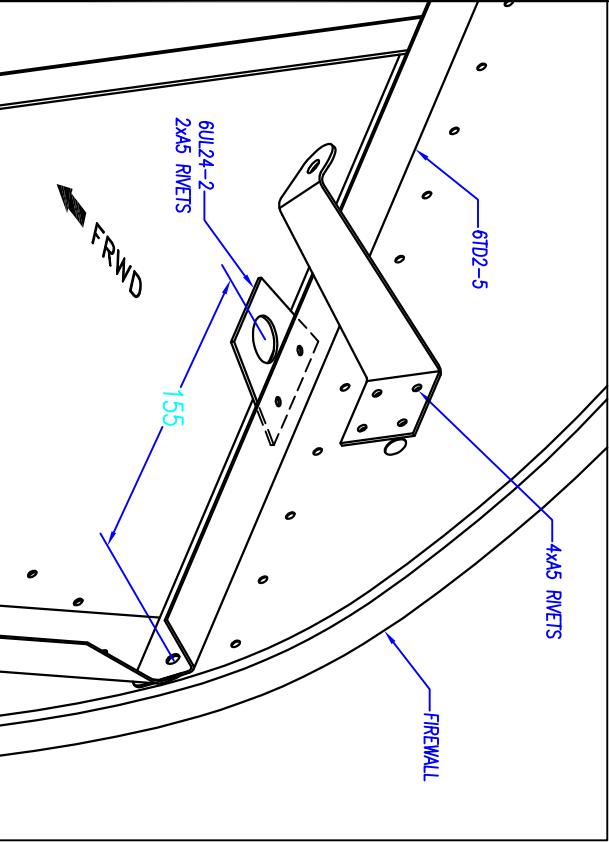
1 TAIL DRAG THROTTLE ATTACH

6061-T6 t=.040" (2 REQ'D)



2 TAIL DRAG BOTTLE HOLDER

6061-T6 t=.040" (2 REQ'D)



(FRONT VIEW)

DRAWING

DATE

TITLE

GENERAL DRWG.

6-UL-0	11/07	DRAWING LIST
6-UL-1	06/07	MAIN GEAR ATTACHMENT
6-UL-2	06/07	2 LEG MAIN GEAR & ATTACHMENTS
6-UL-3	06/07	REAR & FRONT SIDE SKINS
6-UL-4	06/07	MAIN CHANNEL REINFORCEMENT
6-UL-5	06/07	OPTIONAL BRS PARTS
6-UL-6	06/07	OPTIONAL BRS & ATTACHMENTS
6-UL-7	01/08	REAR WING ATTACHMENTS & CENTER SPAR JIG
6-UL-8	06/07	OPTIONAL TAXI LIGHT
6-UL-9	06/07	I/B FLAP HINGE & DEFLECTION
6-UL-10	11/07	DUAL THROTTLE & CHOKE
6-UL-11	11/07	THROTTLE & CHOKE INSTALLATION
6-UL-12	10/07	FUEL TANK FLANGE & GASCOLATOR
6-UL-13	09/07	OPTIONAL TAIL DRAG
6-UL-14	09/07	OPTIONAL TAIL DRAG
6-UL-15	09/07	ENGINE MOUNT
6-UL-20	11/07	OIL COOLER SYSTEM (ROTAX 912)
6-UL-21	11/07	COOLANT SYSTEM (ROTAX 912)
6-UL-22	11/07	ENGINE FUEL LINE (ROTAX 912)
6-UL-23	11/07	THROTTLE CABLES (ROTAX 912)
6-UL-24	11/07	TAIL DRAG THROTTLE CABLE
6-UL-25	01/08	COWLS & AIR INTAKES

SERIAL NO:

ZODIAC
601 XL ULM

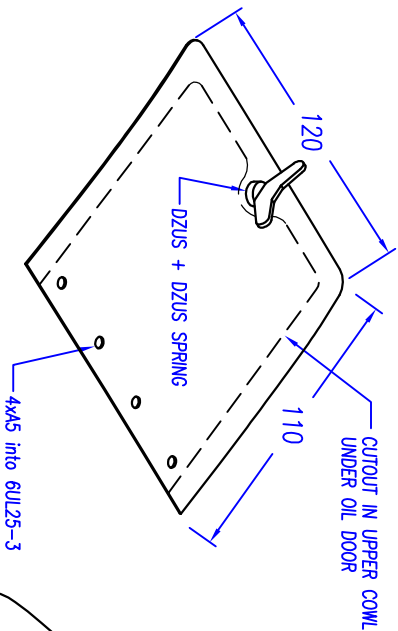
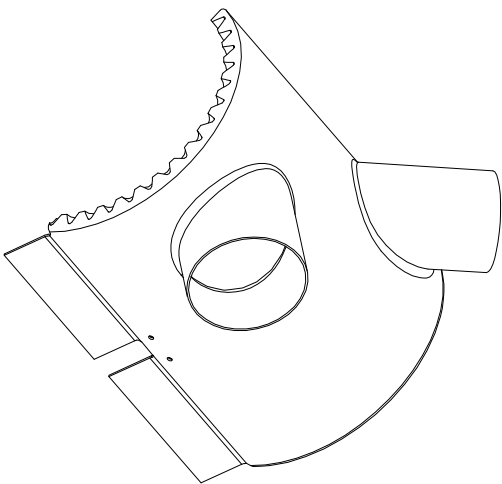
UL DRAWING LIST

6-UL-0

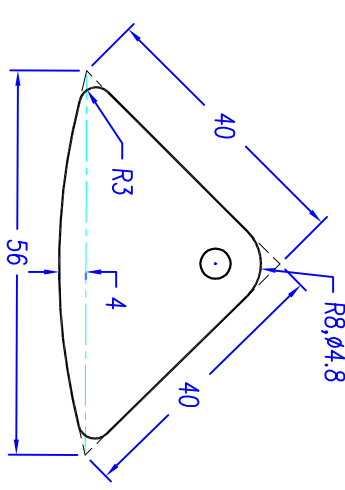
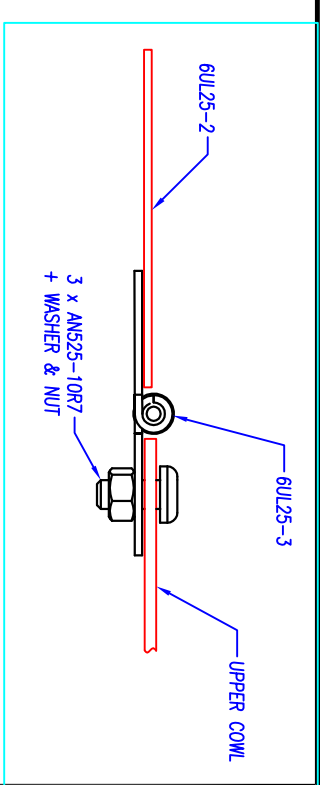
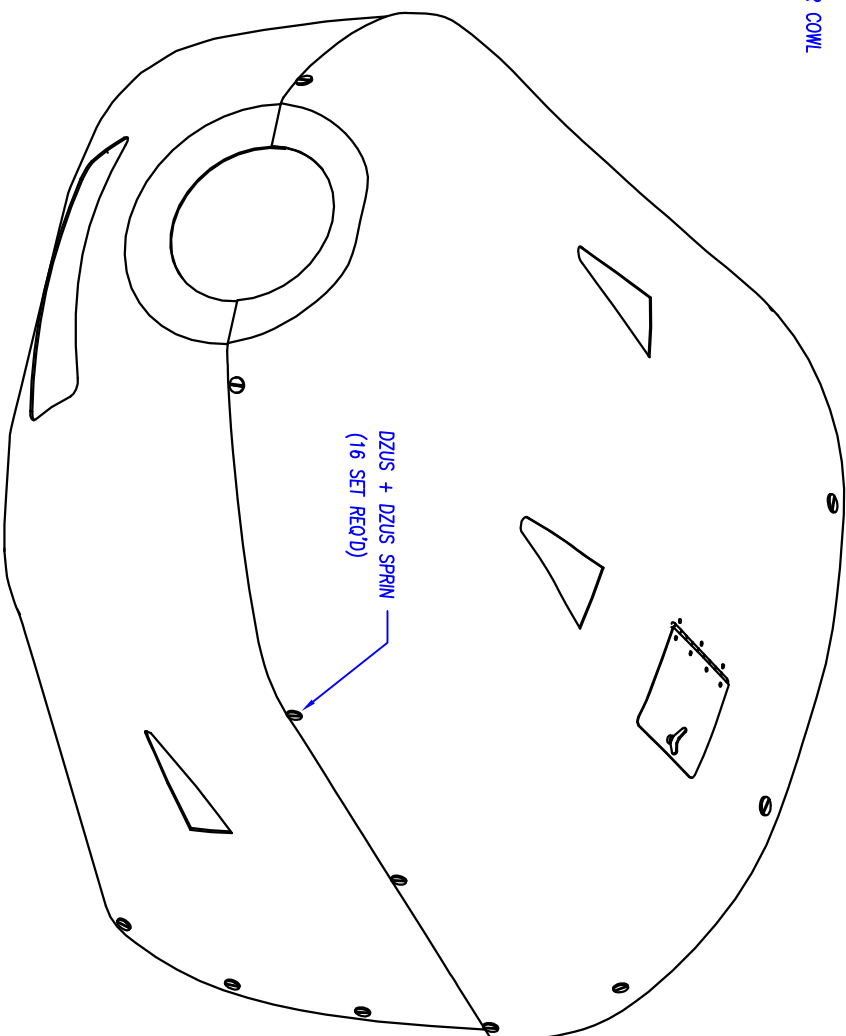
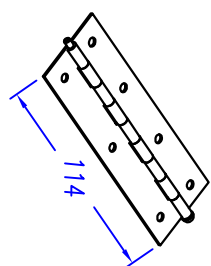
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DATE: 01/2008

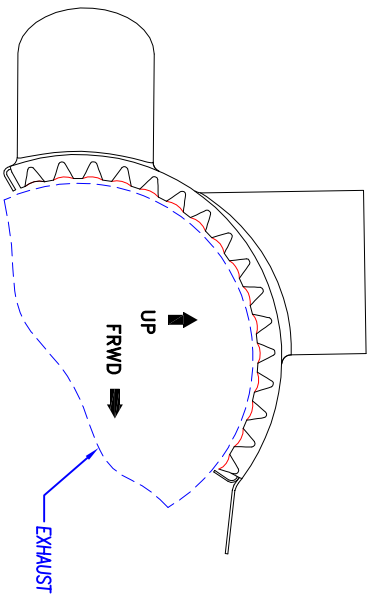


2 Δ DOOR OIL
6061-T6 t=.040" (1 REQ'D)



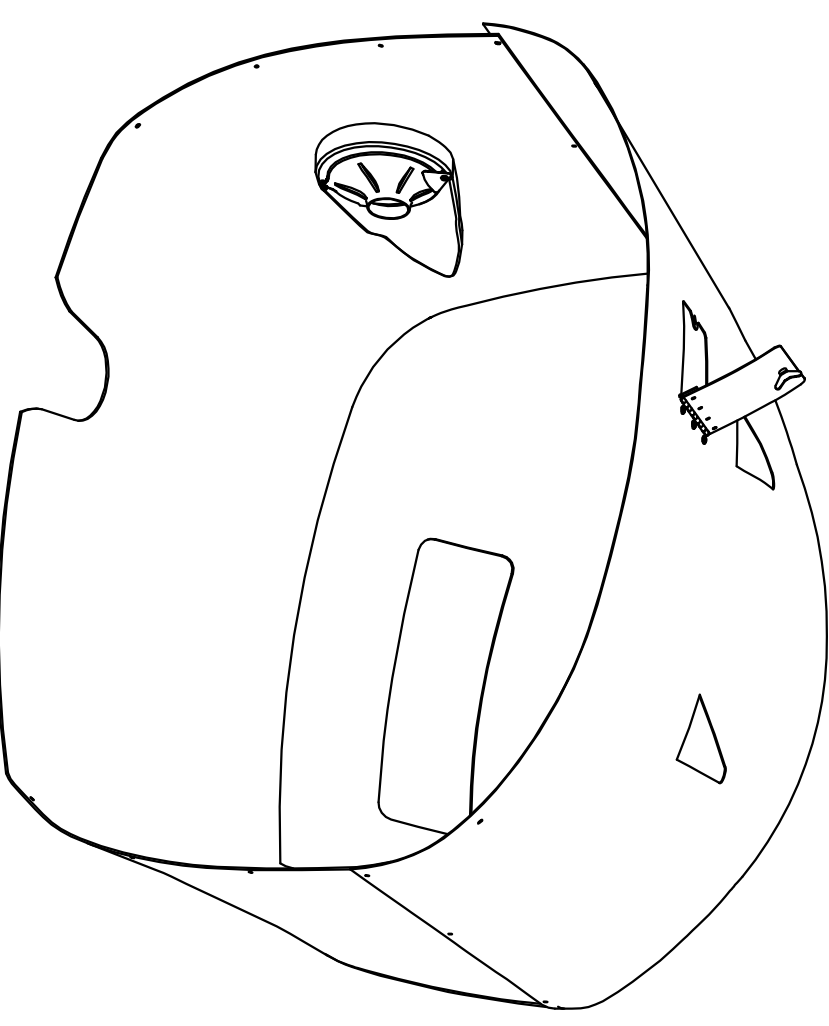
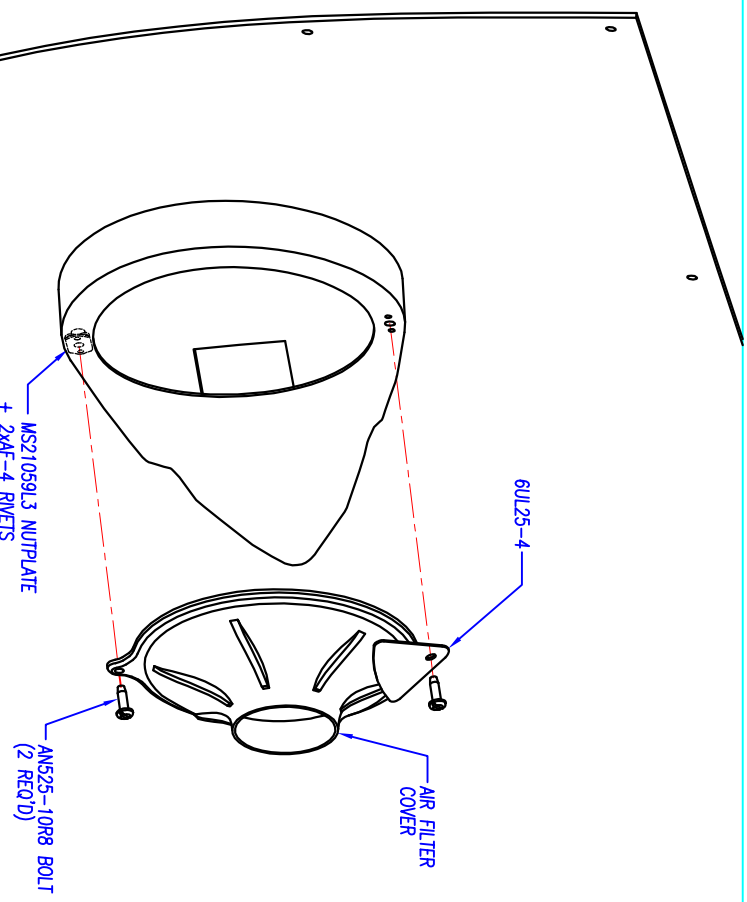
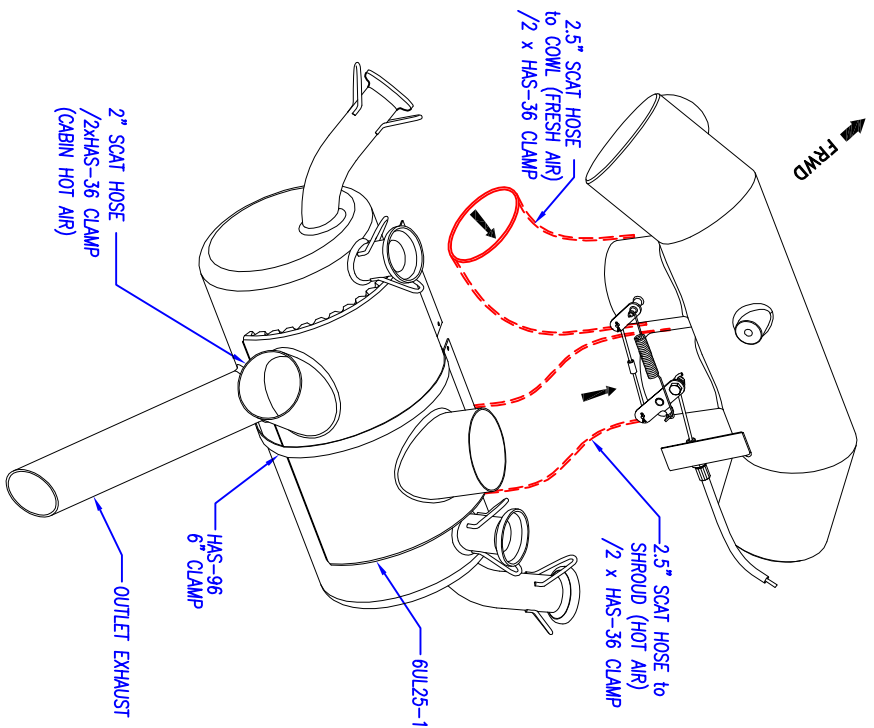
4 Δ AIR FILTER BRACKET
6061-T6 t=.063" (1 REQ'D)

1 Δ EXHAUST SHROUD
6061-T6 t=.025" (1 REQ'D)



3 Δ DOOR OIL HINGE
AN-257-4 (1 REQ'D)

5 Δ AIR FILTER
P/N: AF-632



ZODIAC
601 XL-ULM

COWLS & AIR INTAKES

6-UL-25

REV.
01/2008