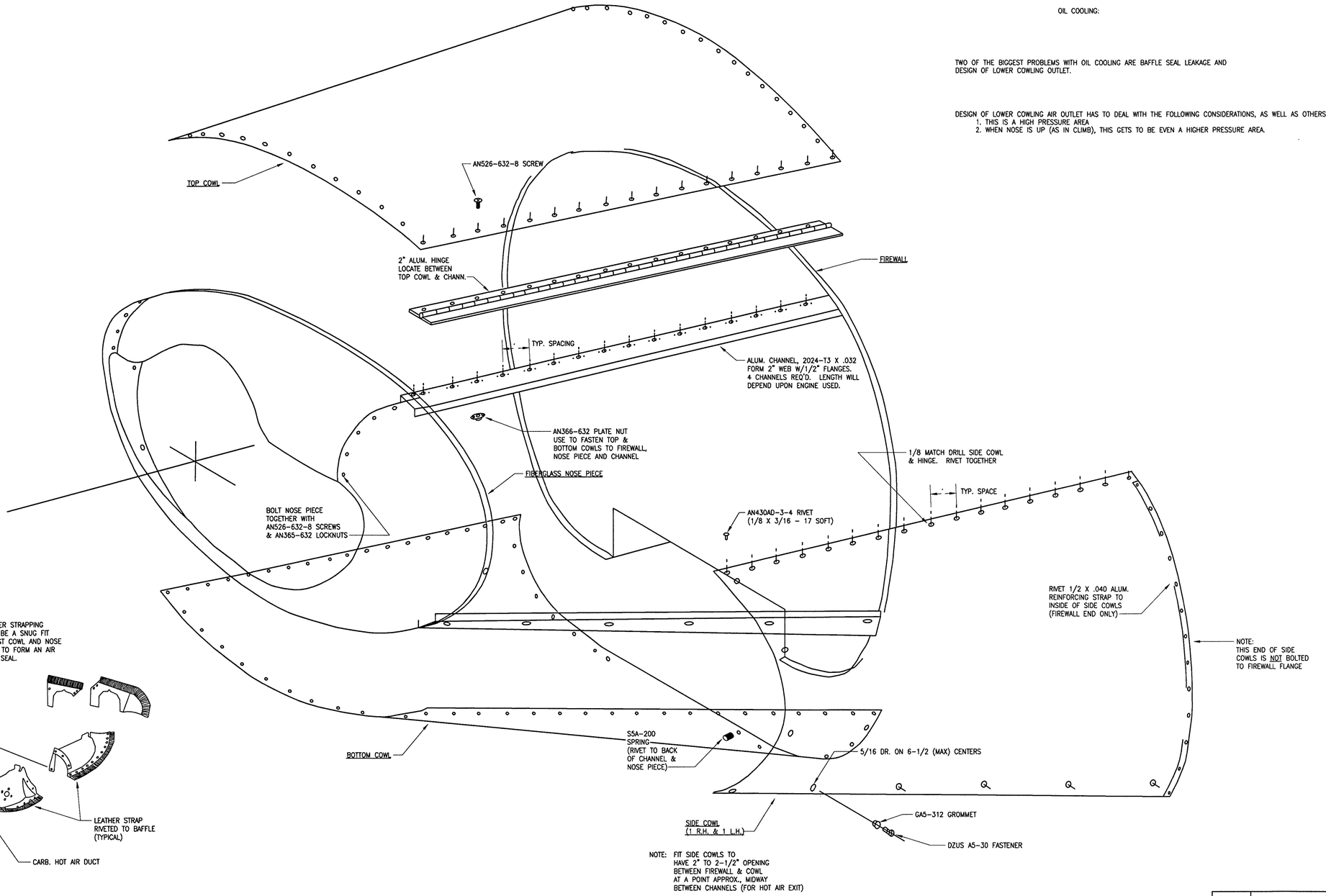

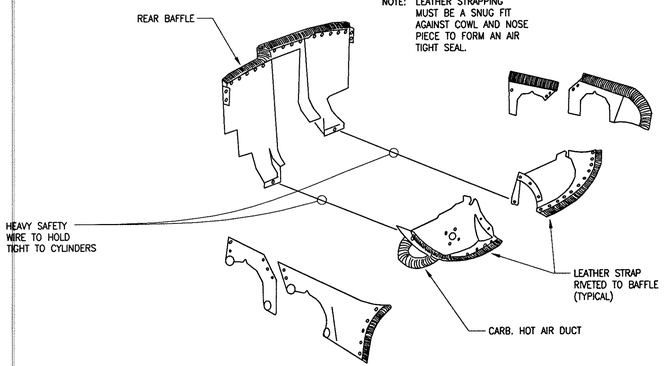

TYPICAL ENGINE BAFFLING
NO SCALE

MAT'L: 2024 OR 6061 X .032 IN HALF HARD CONDITION

NOTE: FIT SIDE COWLS TO
HAVE 2" TO 2-1/2" OPENING
BETWEEN FIREWALL & COWL
AT A POINT APPROX., MIDWAY
BETWEEN CHANNELS (FOR HOT AIR EXIT)

NOTE:
3 HOLE NOSE BOWLS ARE AVAILABLE FROM STARDUSTER.

MAKE COWLS FROM 2024-T3 ALUM.
OR EQUIVALENT
FIBERGLASS NOSE PIECE MAY BE
PURCHASED FROM STOLP STARDUSTER.

OIL COOLING:

TWO OF THE BIGGEST PROBLEMS WITH OIL COOLING ARE BAFFLE SEAL LEAKAGE AND DESIGN OF LOWER COWLING OUTLET.

DESIGN OF LOWER COWLING AIR OUTLET HAS TO DEAL WITH THE FOLLOWING CONSIDERATIONS, AS WELL AS OTHERS:
1. THIS IS A HIGH PRESSURE AREA
2. WHEN NOSE IS UP (AS IN CLIMB), THIS GETS TO BE EVEN A HIGHER PRESSURE AREA.

REVISION:		DATE:

Sheet No. 19	Starduster Too Model SA300
DRAWN BY:	ENGINE COWLING
6/1/98	
DESIGN BY:	

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