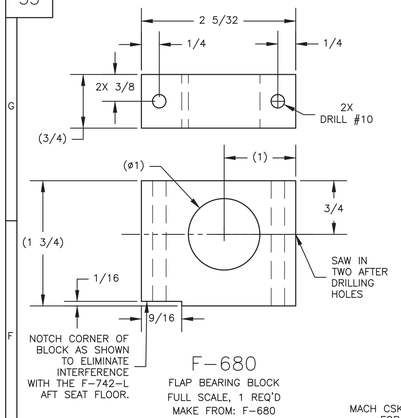
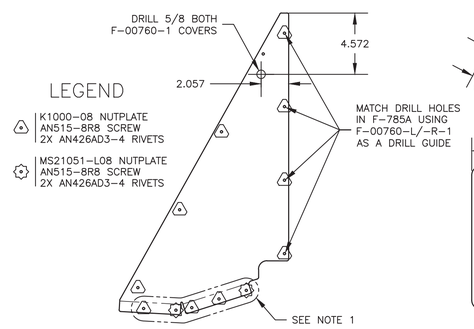


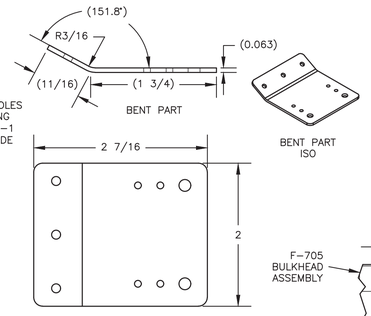
F-680

FLAP BEARING BLOCK
FULL SCALE, 1 REQ'D
MAKE FROM: F-680



F-00760-1

FLAP ACTUATOR COVER
HARDWARE CALLOUT DETAIL
NO SCALE, QUANTITIES PER PART



F-767

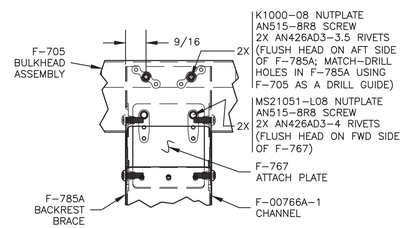
ATTACH PLATE, FULL SCALE, 1 REQ'D
MAKE FROM 0.063 2024-T3 ALCLAD

NOTE 1: RIVET ALL NUTPLATES IN ASSEMBLY WITH BOTH F-742 AFT SEAT FLOOR AND THE F-716/F-916 SEAT RIB. FLUSH HEAD ON TOP OF F-742.

NOTE 2: RIVET NUTPLATE IN ASSEMBLY WITH F-727 INTERIOR BAGGAGE RIB AND F-747 BAGGAGE FLOOR. FLUSH HEAD ON TOP OF F-747.

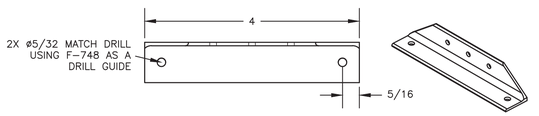
NOTE 3: USE HOLES IN F-680 FLAP BEARING BLOCK TO MATCH DRILL THE F-727-L INBD BAGGAGE RIB AND F-747-L BAGGAGE FLOOR.

NOTE 4: BUSH-AL.322X.438X.750 SPACERS MUST ROTATE FREELY AFTER TIGHTENING AN310-5 NUT. ADD NAS1149F0563P WASHERS IF NECESSARY.



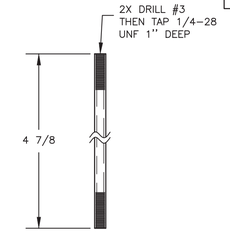
VIEW D-D

F-705 BLKHD ATTACH
1/2 SCALE



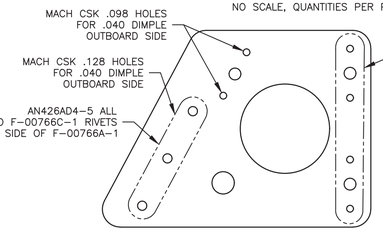
F-785B

ATTACH ANGLE
3/4 SCALE, 1 REQ'D
MAKE FROM AA6-063X3/4X3/4



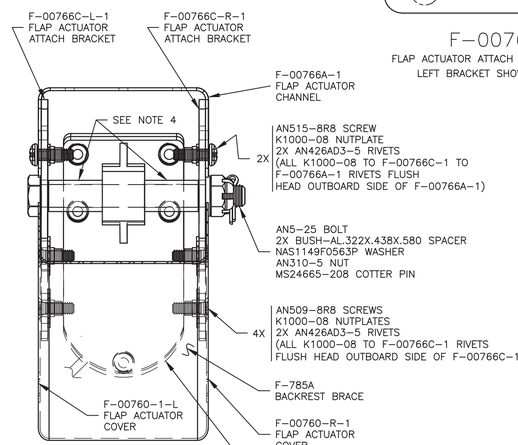
F-759A (RV-7)

FLAP PUSH-ROD
1/2 SCALE, 2 REQ'D
MAKE FROM AT6-058X5/16



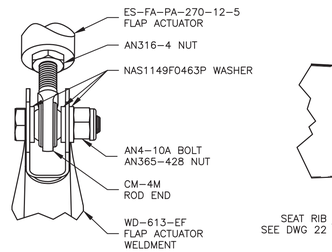
F-00766C-1

FLAP ACTUATOR ATTACH BRACKET, FULL SCALE,
LEFT BRACKET SHOWN, L & R REQ'D



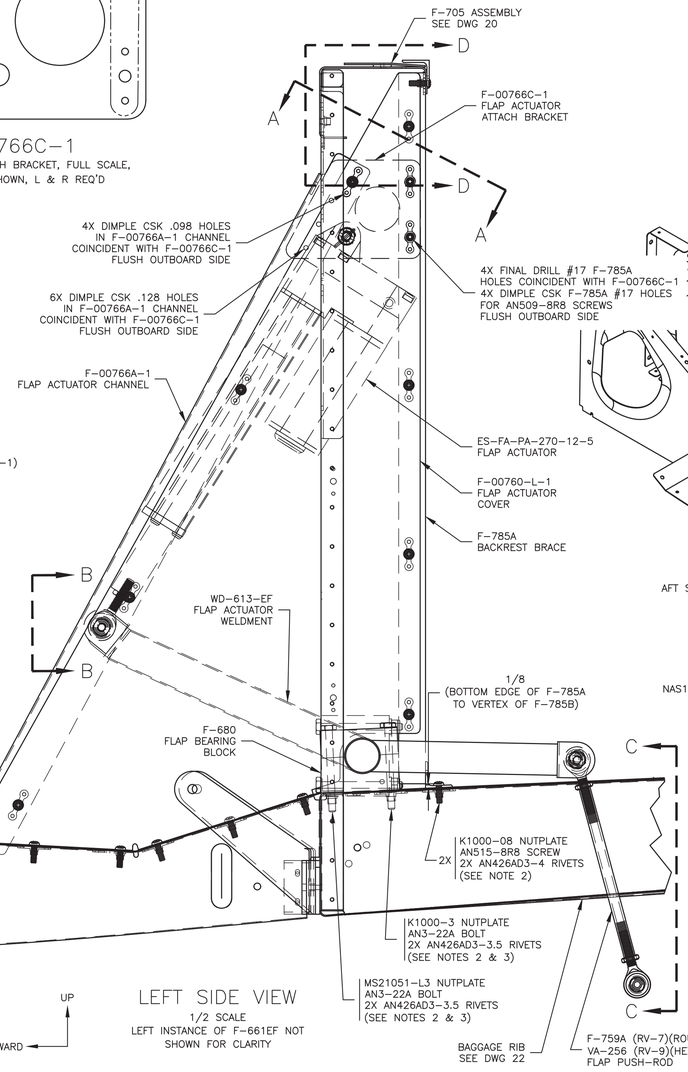
SECTION A-A

FLAP ACTUATOR INSTALLATION
FULL SCALE



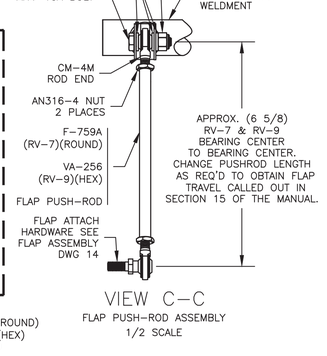
SECTION B-B

FLAP ACTUATOR BOLT INSTALLATION
FULL SCALE



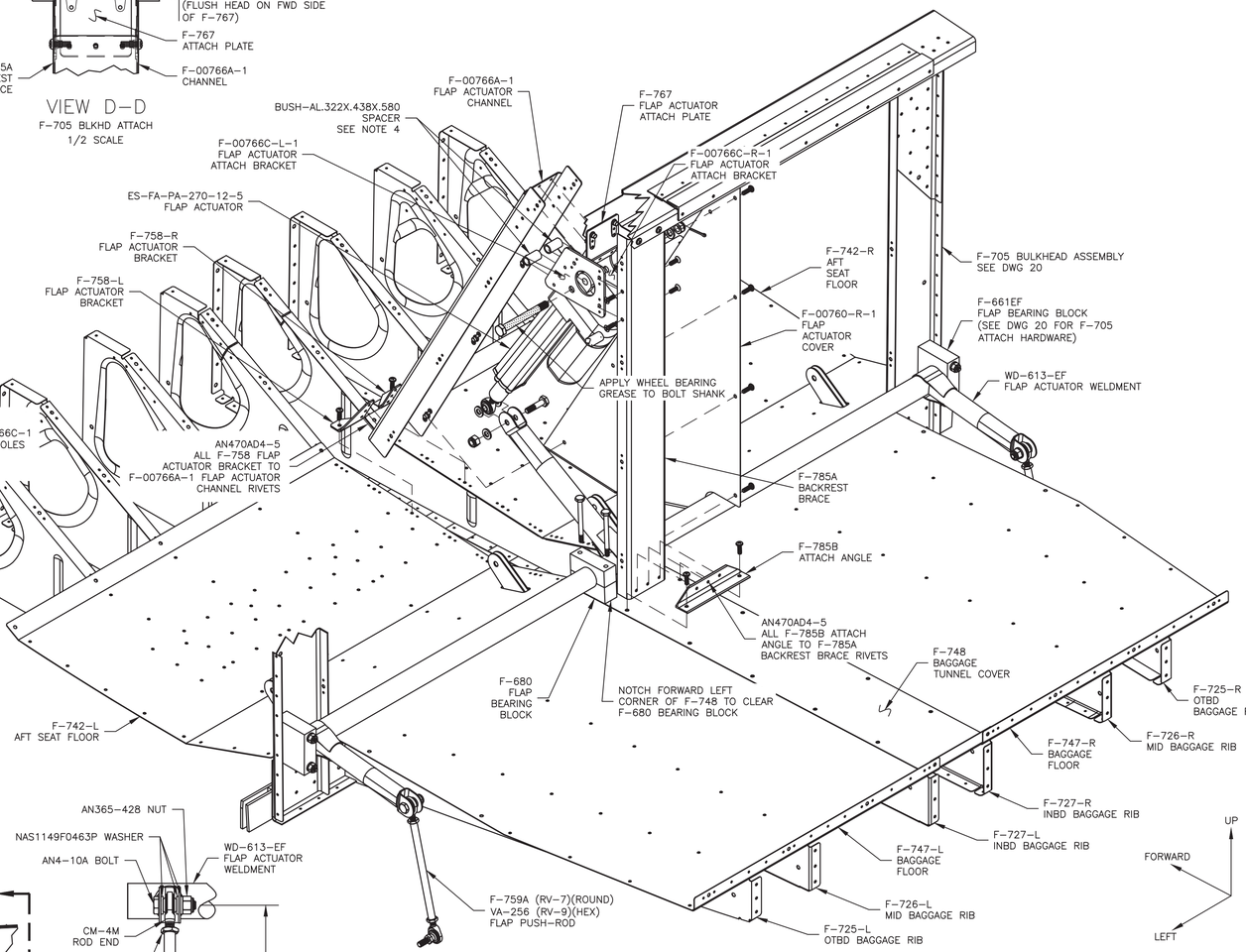
LEFT SIDE VIEW

1/2 SCALE
LEFT INSTANCE OF F-661EF NOT SHOWN FOR CLARITY



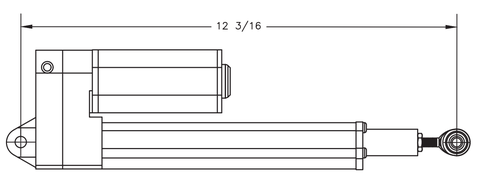
VIEW C-C

FLAP PUSH-ROD ASSEMBLY
1/2 SCALE



EXPLODED ISOMETRIC VIEW

SOME PARTS NOT SHOWN FOR CLARITY
5/16 SCALE



ES-FA-PA-270-12-5

FULLY RETRACTED LENGTH WITH CM-4M ROD END BEARING INSTALLED
1/2 SCALE

R4	REPLACED "ES 85615-157 FLAP ACTUATOR" WITH "ES-FA-PA-270-12-5 FLAP ACTUATOR", ADDED NOTE 4, REVISED MULTIPLE VIEWS AND PARTS FOR NEW FLAP ACTUATOR INSTALLATION, CHANGED ALL INSTANCESE OF "PLATENUT" TO "NUTPLATE", CHANGED ALL WASHER AN960 TO NAS1149F NUMBERS. 11/15/24
R3	DIMENSIONS, BEND LINES AND CALLOUTS ADDED TO F-767 PART. "NOTE" ADDED RE: SIZE OF F-680 03/03/06
R2	ZONE F10: "9/16" WAS "1/2"; ZONE G10: "2 5/32" WAS "2 1/2", "1/4" WAS "19/32" 10/22/01
R1	REPLACED F-959A WITH VA-256 7/06/01

VAN'S AIRCRAFT, INC. 14401 NE KEIL RD. AURORA, OR 97002 USA

ELECTRIC FLAP INSTALLATION

DATE DRAWN: 6/14/00
DRAWN BY: RIAN JOHNSON
TOLERANCES: NONE (UNLESS OTHERWISE SPECIFIED)
UNITS: INCHES
SCALE: AS NOTED
RV-7,9
D-SIZE ORIGINAL
PATH\FILENAME: Q:\RV-7\FUSELAGE\RV7,9-33.DWG
DWG 33