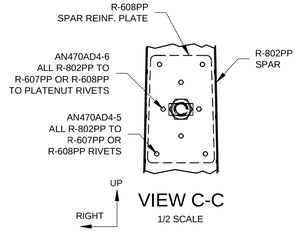
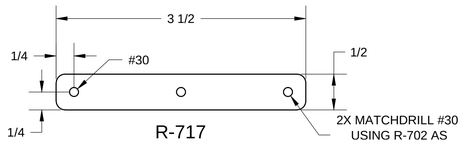



VIEW C-C

1/2 SCALE



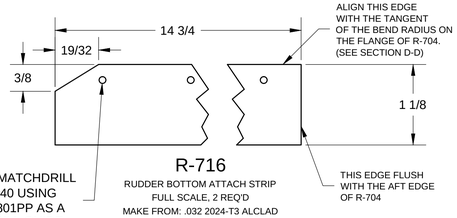

R-717

SHIM

FULL SCALE

MAKE FROM: .032 2024-T3 ALCLAD

2X MATCHDRILL #30
USING R-702 AS
A DRILL GUIDE

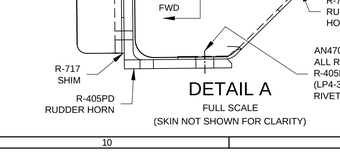



R-716

RUDDER BOTTOM ATTACH STRIP

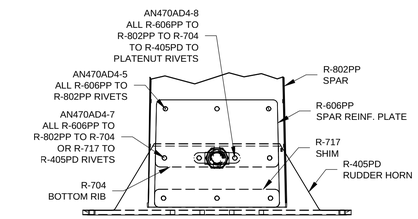
FULL SCALE, 2 REQ'D

MAKE FROM: .032 2024-T3 ALCLAD



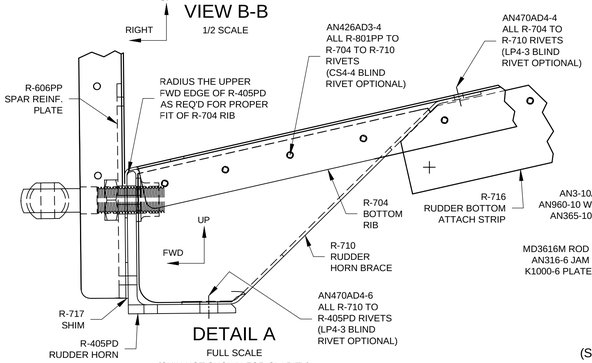

R-710 TRIM DETAIL

RUDDER HORN BRACE
(PART SHOWN FLAT FOR CLARITY)
3/8 SCALE




VIEW B-B

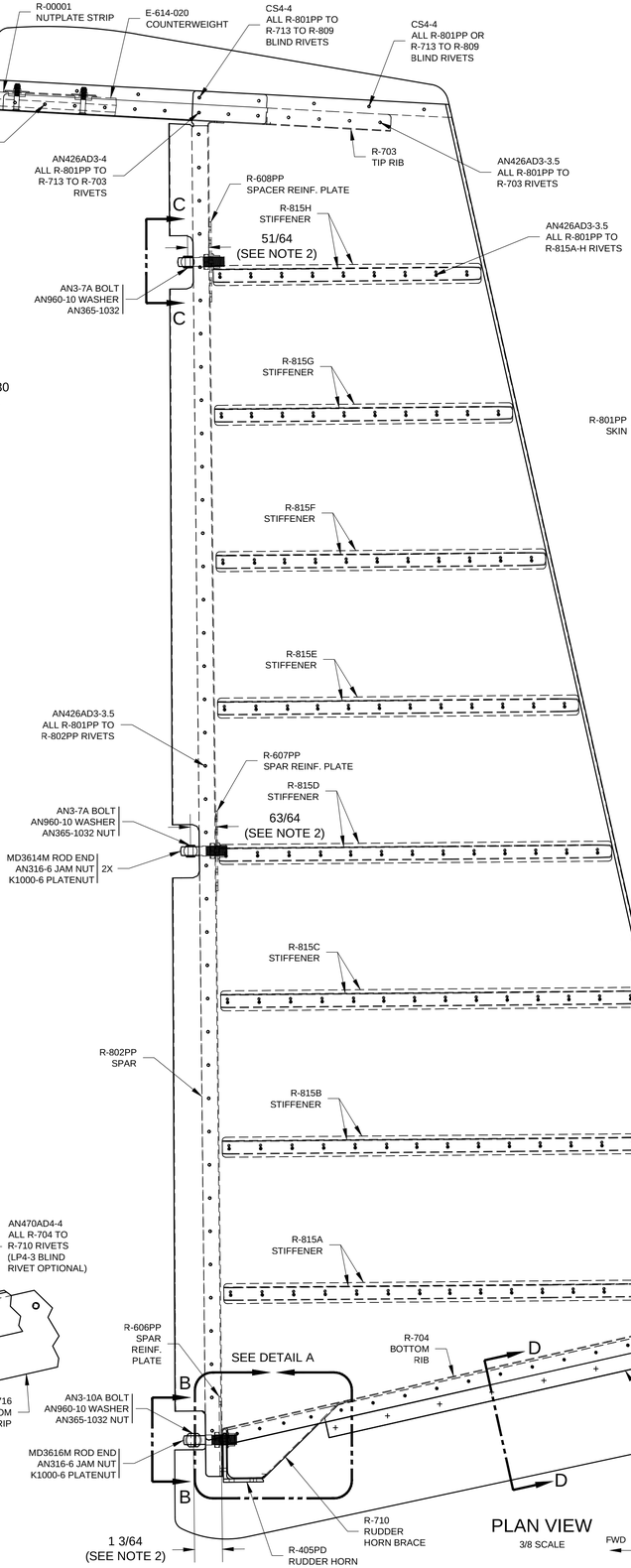
1/2 SCALE




DETAIL A

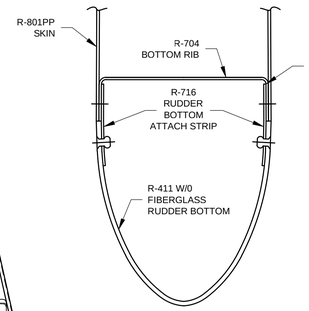
FULL SCALE

(SKIN NOT SHOWN FOR CLARITY)




PLAN VIEW

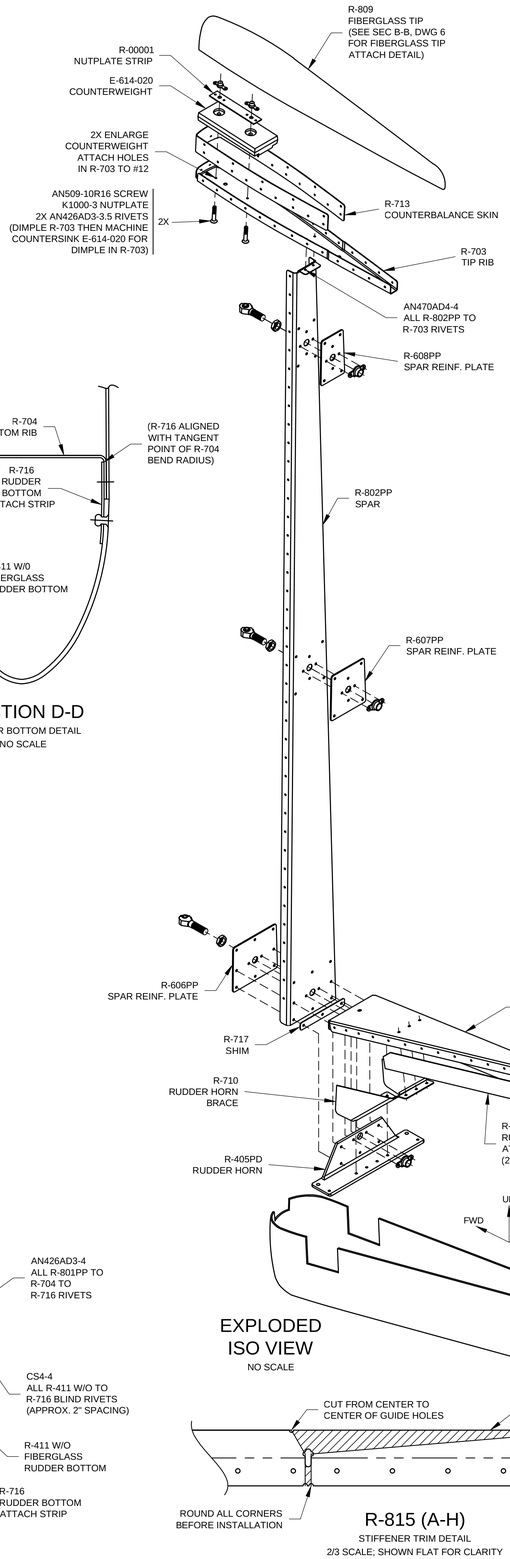
3/8 SCALE




SECTION D-D

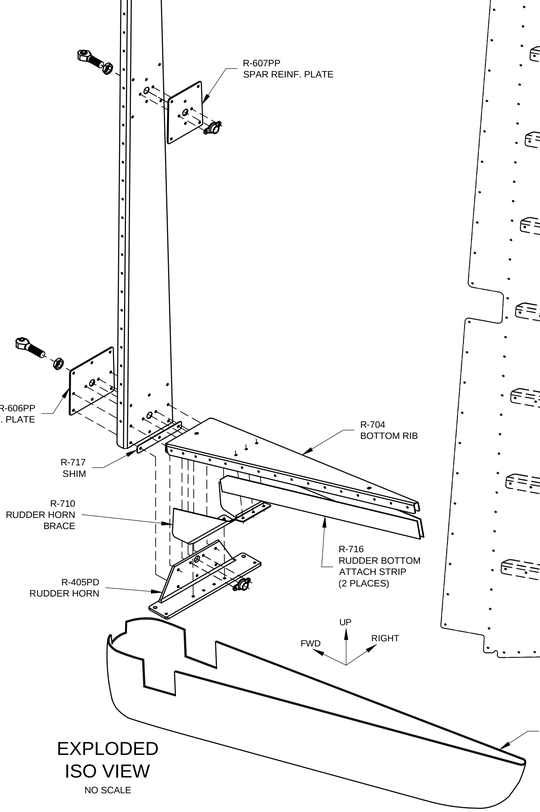
RUDDER BOTTOM DETAIL

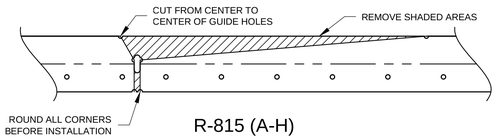
NO SCALE




EXPLODED
ISO VIEW

NO SCALE

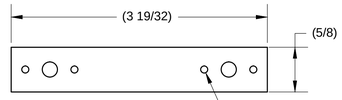



R-815 (A-H)

STIFFENER TRIM DETAIL

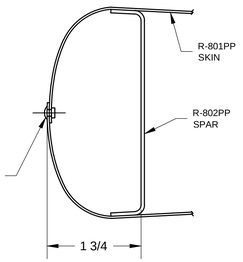
2/3 SCALE; SHOWN FLAT FOR CLARITY




R-00001

NUTPLATE STRIP

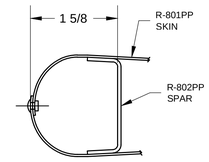
FULL SCALE




ROOT

NO SCALE

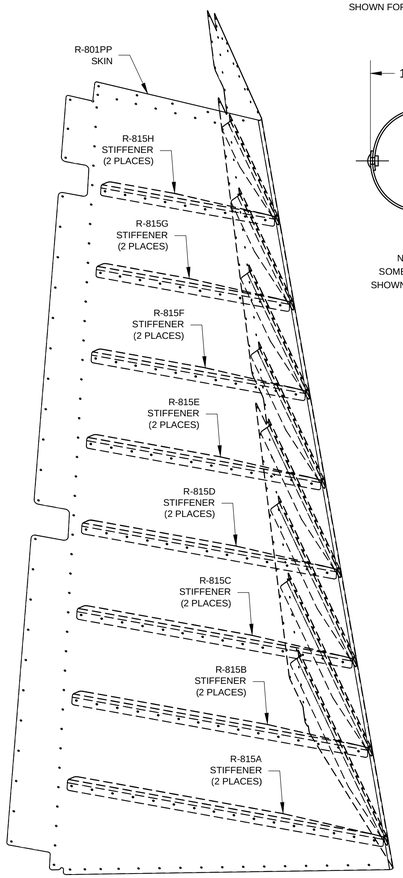
SOME PARTS NOT
SHOWN FOR CLARITY




TIP

NO SCALE

SOME PARTS NOT
SHOWN FOR CLARITY




NOTE 1: ADD 1/4 DIA.DRAINAGE HOLE AT LOW POINT ON R-411 W/O WHEN THE AIRPLANE IS IN THE GROUND ATTITUDE

NOTE 2: DISTANCE IS MEASURED FROM FORWARD FACE OF R-802PP SPAR WEB TO CENTER OF ROD END.

| | |
|---|---|
| R2 | ZONES G3, G4, G8: ADDED R-00001 & NUTPLATES. 11/08/16 |
| R1 | ZONES A8,D8,F8: ADDED RUDDER ATTACH HARDWARE; ZONE D7: "59/64" WAS "63/64" 2/25/03 |

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

RUDDER

DATE DRAWN: 9/4/01

DRAWN BY: RIAN JOHNSON

TOLERANCES: NONE (UNLESS OTHERWISE SPECIFIED)

UNITS: INCHES

RV-8

SCALE: AS NOTED

D-SIZE ORIGINAL

PATH/FILENAME: Q:\RV-8\MANUAL\RV8-07\RV8-07.DWG

DWG 7