



PLAN VIEW  
3/8 SCALE

DETAIL A  
HORIZONTAL STAB / ELEVATOR JUNCTION  
FULL SCALE

DETAIL D  
TOP VIEW  
(ELEVATOR & HORIZONTAL STAB.  
SKIN NOT SHOWN FOR CLARITY)  
FULL SCALE

SECTION C-C  
FULL SCALE

E-714 TRIM DETAIL  
FULL SCALE: RIGHT ELEVATOR ONLY!

E-720 TRIM DETAIL  
3/4 SCALE; E-720 SHOWN FLAT FOR CLARITY

SEC B-B  
FULL SCALE  
MOST HIDDEN LINES NOT SHOWN FOR CLARITY  
VIEW ROTATED 90° CCW

SEC E-E  
FULL SCALE  
VIEW ROTATED 90° CW

SECTION G-G  
FULL SCALE

SECTION H-H  
FULL SCALE

EXPLODED ISOMETRIC VIEW  
NO SCALE

5/8 (1/2 MINIMUM) ADJUST DIMENSION  
AS REQ'D TO BALANCE ELEVATOR. THIS DIMENSION  
IS ONLY A STARTING POINT AND ACCOUNTS FOR  
THE FUTURE POSSIBILITY OF PAINT.

- NOTE:
- 1) TO MAKE STIFFENERS E-720J,K,L TRIM AFT END OF STIFFENER AS FOLLOWS:  
E-720J (MAKE FROM E-720D) X=1 7/8  
E-720K (MAKE FROM E-720E) X=1 27/32  
E-720L (MAKE FROM E-720F) X=2
  - 2) MATCHDRILL AFT MOST HOLE ON E-720D,E,F,J,K,L USING THE SKIN AS A DRILL GUIDE.
  - 3) MATCHDRILL RIB USING SKIN AS A DRILL GUIDE.

R1] ZONE B1: CHANGED DISTANCES CALLED OUT FOR X. "1 7/8" WAS "1 11/32"; "1 27/32" WAS "1 9/32"; "2" WAS "1 15/32" 1/25/02	<p>VAN'S AIRCRAFT, INC. 14401 NE KEIL RD. AURORA, OR 97002 USA</p>	
R2] ZONE D6: ADDED E-714 TRIM DETAIL 2/26/02		
R3] ZONE B4 & C3: ADDED E-00001A & B. DETAIL D. ADDED E-00001A & E-00001B "AN470AD4-8" WAS "5"; "AN470AD4-7" WAS "8"; 1/17/14		
R4] ZONE E9: HS-00715E, OR HS-00715F WAS HS-413PP 07/11/22		
R5] ZONE E9: "OR HS-00717A" WAS "HS-00715E, OR HS-00715F" 03/13/23		
DATE DRAWN: 6/1/01	UNITS: INCHES	RV-7,8
DRAWN BY: RIAN JOHNSON	TOLERANCES: NONE (UNLESS OTHERWISE SPECIFIED)	D-SIZE ORIGINAL
SCALE: AS NOTED	PATH/FILENAME: Q:\RV-7\Z OTHER PLANS\RV7,8-5.DWG	DWG 5