DETAIL A

DETAIL D

SECTION C-C

E-714 TRIM DETAIL
FULL SCALE

SECTION G-G

FULL SCALE

VIEW F-F

FULL SCALE

SECTION H-H

AN426ADJ-ALL E-701-R TO E-713 RIVS

VIEW E-E

FULL SCALE

EXPLODED ISOMETRIC VIEW

NOTE:
1) TO A167622 ADDED TO E-714 TRIM DETAIL
2) MATCHDRILL HOLE ON E-713 BLIND RIV.
3) MATCHDRILL RIB USING SKIN AS A DRILL GUIDE.

RIGHT ELEVATOR ASSEMBLY

HWND'S AIRCRAFT, INC.

RIGHT ELEVATOR ASSEMBLY

Dwg 5
711 CHORIZ STAB ATTACH BULKHEAD ASSEMBLY DOUBLE CHECK!! FOR MGE DISTANCE ON BOTH VS-10 PP AND 'M-
AN4-7A BOLT 2X AN960-4.16 WASHER AN365-4.28 NUT

- DRILL BOLT HOLE USING HOLES IN F-711A, B AS A DRILL GUIDE.
  (SEE DWG 21)

WD-409 TAIL SPRING MOUNT VIEW B-
1/2 SCALE

AN4-14A BOLT - AN960-4.16 WASHER AN365-4.28 NUT

- 227/32 F - 711 BULKHEAD SIDE VIEW 1/2 SCALE

VS - 410 PIN F-711 CHORIZ STAB ATTACH BAR

AN+-6A BOLT 3X AN960-4.16 WASHER AN365-4.28 NUT

AN426A3-AL WQ-409 TO 712 RIV (FLUSH HEAD ON SIDE OF F-712)

T-711 BULKHEAD ASSEMBLY VS - B08 PP VERT STPB DOUBLER TOP VS - 803 PP VERT STAB REAR SPAR BOTTOM

ML IS ON CENTER OF AIRCRAFT.

RUDDER ASSEMBLY FSS63 F-105A FULL SWEL TAIL SPRING SPRING TRIM NO SCALE

- WD-101 AXLE W/ TAIL FORK TAIL WHEEL 2X AN12A BOLT

- WD-105A BUSHING ASSEMBLY AND CORRESPONDING ATTACH BUSHING AS REO' P WITH WD-HARDWARE NOT SHOWN FOR CLarity.

LEVEL APPROX. 1/2 OF SLACK IN STING CHANS. CHANS ARE TIGHT. BINDING WILL TRUE TAIL WHEEL 2X AN12A BOLT WD-101 AXLE W/ TAIL FORK TAIL WHEEL

- "T" WHEEL, 6" FLUSH AND LUBRICATE VA-105B, RUDDER ASSEMBLY AND CORRESPONDING ATTACH BUSHING AS REO' P WITH WD-HARDWARE NOT SHOWN FOR CLarity.

- PATHFILE Q:

DETAIL A TAILWHEEL SPRING CUT-OUT PLATE FULL SCALE

F-779 TAILWHEEL SPRING TRIM NO SCALE

SEE DETAIL A
THE AN509-8R8 SCREW ARE LOCATED BY PRE-PUNCHED HOLE IN F-77+. DRILL #29 THROUGH F-77-4 AND F-61C, AND F-631 SUB-ASSEMBLY. REMOVE SKIN, DRILL #19, AND PLACE FOR 8-32 SCREW. COUNTERSINK F-631C. TAP 32 THROUGH F-6.1C AND F-631 SUB-ASSEMBLY.

THE AN509-10R10 SCREW ARE LOCATED FROM HOLE DRILLED IN F-631C. THE AN509-10R10 SCREW DOES NOT GO THROUGH F-774.

TRIM AND RADIUS THE AFT LOW AND OUTSIDE EDGES OF THE 631 SUB-ASSEMBLY REQUIRED TO CLEAR INSIDE THE RADIUS OF THE F-631C ANGLES.
Checking the "Breakout" Force of the Nosewheel Fork

Section B-B': Section Parallel to Airframe Full Scale

Section A-A': Section Normal to Axis of Gear Leg Full Scale

U-713C-L & -R Trim Detail

Nose Wheel Assembly
Explored Isometric View

Nose Wheel Attachment Hardware
Explored Isometric View

Note 1: Dimensions given with the conditions listed and no deflection in the tire.

Nose Gear Leg Fairing and Nose Wheel Fairing

Details D, C, and J:
- Full Scale
- 1/2 Scale
- 1/4 Scale

Hardware Supplied with Wheel and Nose Wheel Attached Hardware

VAN'S AIRCRAFT, INC.
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FITTING THE SPINNER CONE TO THE SPINNER BULKHEADS-FIXED PITCH WOOD PROPELLER SHOWN.

MARKING THE REFERENCE POINTS

SECTION A-A

INSTALLING FILLER PLATES BEHIND PROP BLADES.